

IN THE SUPREME COURT OF THE STATE OF NEVADA

ROBERT BEADLES,

No. 87683

Appellant,

VS.

JAIME RODRIGUEZ; WASHOE COUNTY REGISTRAR OF VOTERS; ERIC BROWN; ALEXIS HILL; WASHOE COUNTY, Respondents.

RECORD ON APPEAL

VOL I

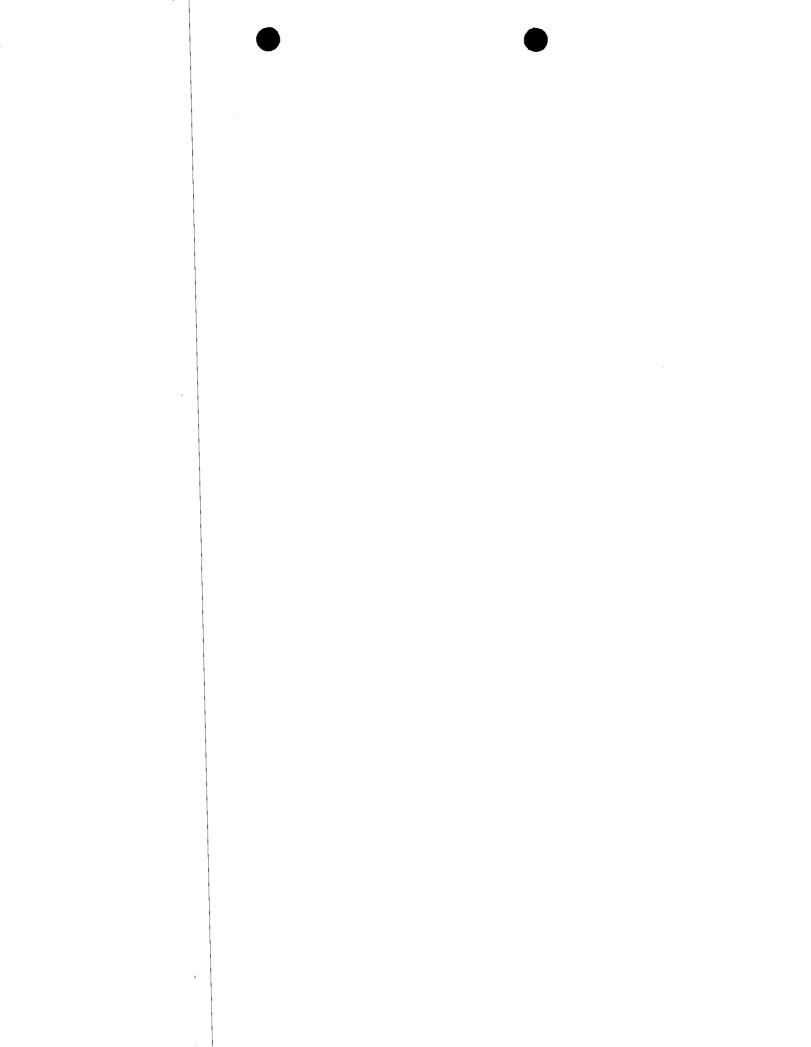
ROBERT BEADLES 10580 N. MCCARRAN BLVD. #115, APT. 386 RENO, NEVADA 89503

LYNDSAY L. LIDDELL, ESQ., DEPUTY DISRICT ATTORNEY ELIZABETH HICKMAN, ESQ., DEPUTY DISTRICT ATTORENY ONE SOUTH SIERRA STREET RENO, NEVADA 89501

APPELLANT IN PROPER PERSON

ATTORNEYS FOR RESPONDENT

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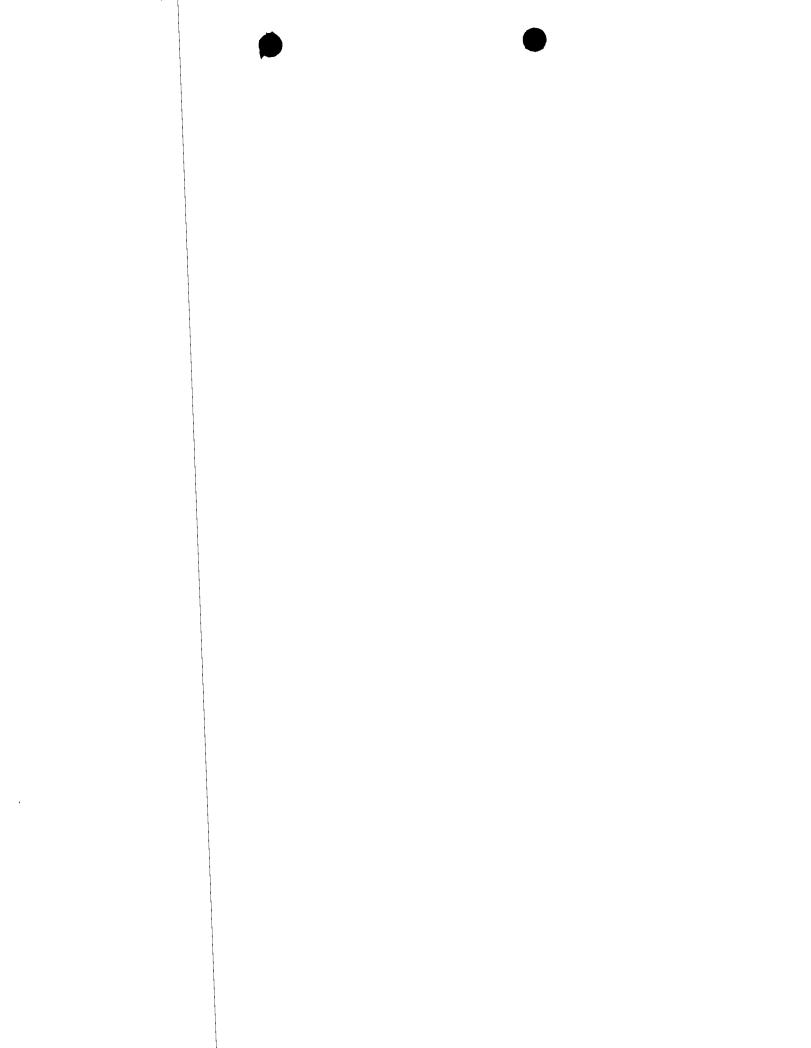


THE SUPREME COURT OF THE STATE OF NEVADA

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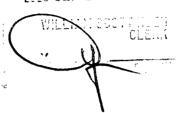


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VS.

2023 SEP 25 PM 44 CC



IN THE SECOND JUDICIAL DISTRICT COURT OF THE STATE OF NEVADA IN AND FOR THE COUNTY OF WASHOE

MR. ROBERT BEADLES, an individual,

Plaintiff,

Case No.:

CV23-01341

Dept. No.:

JAMIE RODRIGUEZ, in her official capacity As Registrar of Voters and in her personal Capacity; the WASHOE COUNTY REGISTRAR OF VOTERS, a government agency; ERIC BROWN in his official capacity as WASHOE COUNTY MANAGER and in his personal capacity, ALEXIS HILL in her official capacity as CHAIRWOMAN OF WASHOE COUNTY BOARD OF COMMISSIONERS and in her personal capacity; WASHOE COUNTY, Nevada, a political subdivision of the State of Nevada, and DOES I-X; and ROE CORPORATIONS I-X,

Defendants.

ORDER GRANTING DEFENDANT'S MOTION TO CHANGE VENUE

Currently before the Court is Defendant Robert Beadles' ("Plaintiff") *Motion to Change Venue* ("Motion") filed August 13, 2023. On August 17, 2023, Jamie Rodriguez ("Ms. Rodriguez") in her official capacity as Registrar of Voters and in her personal capacity; the Washoe County Registrar of Voters, a government agency; Eric Brown ("County Manager Brown") in his official capacity as Washoe County Manager and in his personal capacity; Alexis Hill ("Commissioner Hill")

in her official capacity of Chairwoman of Washoe County Board of Commissioners and in her personal capacity; and Washoe County, Nevada, a political subdivision of the State of Nevada (collectively "Defendants") filed an *Opposition to Motion for Change of Venue* ("Opposition"). On August 24, 2023, Plaintiff filed *Reply in Support of Motion to Change Venue* ("Reply") and submitted the Motion to the Court for consideration.

. Background

Plaintiff filed his *Complaint* ("Complaint") on August 4, 2023. Therein, Plaintiff asserts the following:

- 1. The Complaint is brought against Defendants based on their violations of Plaintiff's state Constitutional rights to due process, equal protection, voter's rights, and the laws and codes of Nevada related to the conduct of elections regarding Defendants' non-response to Plaintiff's grievances and "general stonewalling" when presented with reports and analysis on voting systems in use in Washoe County and various requests for information. Complaint ¶ 33.
- 2. Plaintiff alleges violations of his rights and the laws of Nevada based on the Defendants having never acknowledged or responded to three formal Petitions filed with the county by Plaintiff. *Id.* ¶ 31.
- 3. Plaintiff will show that Defendants willfully committed acts of malpractice, maladministration, and/or nonfeasance, and perjury in the conduct of their official duties, thus having the appearance of impropriety and damaging the public's trust. *Id.* ¶ 32.
- 4. Plaintiff includes Exhibit 109 that is a highlight of several supplemental statements in support of the merits of the underlying Petitions. Individually and as a whole, Plaintiff contends that the highlights presented in Exhibit 109 are of such a serious matter that they cannot be ignored-just as the original Petitions should never have been ignored to cure the problems that are self-evident, including but not limited to: unclean and grossly inaccurate voter rolls, un-approved and unsecure voting systems that Defendants chose of their own volition, the rush toward pioneering new technology that could impact county, state, and national security, failure to train staff and election officials, failure to provide trained

election officials, telling staff to not verify signatures, unequal treatment of signatures at the polls, counting of votes in secret, illegal function within the election system, and gross violations of the Nevada Revised Statutes and Administrative Codes regarding election procedures. *Id.* \P 33.

- Exhibit 109, point 6 (a) provides "The Washoe ROV's [Registrar of Voters] staff has seen: '100% turnover in permanent staff and a loss of institutional knowledge.' The Elections Group 6-9-23." The Election Group is the consulting agency initially hired by County Manager Brown. *Id.* ¶ 34.
- 6. Plaintiff alleges the Registrar of Voters is in violation of Nevada law and, if left uncorrected, is unprepared to run the 2024 presidential primary safely, securely, and accurately as required by law unless all the issues are put on the table and addressed by one or more Defendant(s) under the Court's supervision. *Id.* ¶ 35.
- 7. Plaintiff alleges Defendant(s) ignored Plaintiffs Petitions as an annoyance and will continue to do so if this Court does not intervene. *Id.* ¶ 36.
- 8. Plaintiff demands the Complaint and the underlying Petitions be heard by this honorable court. *Id.* ¶ 37.

II. Legal Authority

The Nevada Supreme Court reviews a district court's ruling on a motion for change of venue under NRS 13.050(2) for an abuse of discretion. *Roethlisberger v. McNulty*, 127 Nev. 559, 563, 256 P.3d 955, 957 (2011). A district court may, on motion or stipulation, change the place of the proceeding "[w]hen there is reason to believe that an impartial proceeding cannot be had therein" or "[w]hen the convenience of the witnesses and the ends of justice would be promoted by the change." NRS 13.050(2)(b) and (c). "When the place of the proceeding is changed, all other matters relating to the proceeding shall be had in the county to which the place of the proceeding is changed . . . and the papers shall be filed or transferred accordingly." NRS 13.050(3).

In evaluating a pre-voir dire change of venue motion, the Court considers five factors: "(1) the nature and extent of the pretrial publicity; (2) the size of the community; (3) the nature and gravity of the lawsuit; (4) the status of the plaintiff and defendant in the community; and (5) the existence of

III. Analysis

 political overtones in the case." See Nat'l Collegiate Athletic Ass'n v. Tarkanian, 113 Nev. 610, 613-14, 939 P.3d 1049,1051-52 (1997) (citing People v. Hamilton, 48 Cal.3d 1142, 774 P.3d 730 (1989)).

In Plaintiff's Motion, Plaintiff contends that the prevailing local conditions and recent actions of the Defendants severely compromise the prospect of a fair trial in this jurisdiction. Mot. at 2:1-4. Plaintiff first alleges media bias in this case, arguing Defendants have been assisted by local media outlets to advance an imbalanced and partial narrative concerning the case's merits. *Id.* at 2:6-7. First, Plaintiff alleges this media effort involves revealing non-public records and aims to portray the Plaintiff's claims as lacking validity, even though substantial corroborative evidence exists. *Id.* at 2:7-9. Second, Plaintiff alleges improper release of non-public records as seen in the text messages with Mark Robison, a reporter. *Id.* at 2:15-19. Third, Plaintiff contends he has valid reasons to assert that certain court officials, inclusive of judges and clerks in Washoe County, share professional and personal affiliations with the Defendants – showing the appearance of impropriety and undermining the Plaintiff's trust in obtaining an impartial trial. *Id.* at 2:20-24. For the foregoing reasons, Plaintiff believes that securing an impartial trial is implausible in Washoe County. *Id.* at 3:1-2. Plaintiff seeks transfer of the case to Lyon County as it is neutral and geographically convenient. *Id.* at 3:2-3. Plaintiff argues transfer to Lyon County would serve the best interests of the public, benefit all parties involved, and present no prejudice or evidence challenges in relation to the case.

In the Opposition, Defendants first argue that the Motion is entirely meritless – claiming the public interest is best served by holding this case within the venue of Washoe County. Opp. at 2:13-26. Defendants contend Plaintiff is advancing an imbalanced and partial narrative concerning the case's merits. *Id.* Next, Defendants argue Beadles' causes of action bear no right to a jury trial – noting that the right to a jury trial does not extend to either the equitable claim or the removal proceeding. *Id.* at 3:19-4:3. Further, Defendants argue that a pre-voir dire change of venue is otherwise unwarranted here in consideration of the five-factors test as enumerated in *Tarkanian*. *Id.* at 4:5-10. Defendants argue the nation and extent of pretrial publicity has, to date, been minimal. *Id.* at 4:21-23. Next, as to size of community, the Defendant argues that Washoe County has nearly half a million people – noting no evidence that a population this size evidences potential difficulty in

seating a jury. Further, as to nature and gravity of the case, Defendants argue that the ongoing political environment, not Beadles' Complaint, bring the issues alleged to the forefront of the community's consciousness – alleging this is no less true for Lyon County than it is for Washoe County. *Id.* at 5:12-18. As to status in the community, Defendants contend there is nothing about Beadles or Defendants' status that makes venue in Washoe County necessarily biased or impartial towards either party. *Id.* at 5:19-25. As to the existence of political undertones, Defendant again points out that the nature of the case has been presented in communities across the nature since the last major election – showing no mitigation can be gained by moving this case to another venue. *Id.* at 5:26, 6:1-3. Finally, the Defendants argue the Motion further evidences forum shopping – alleging how Beadles has engaged in overt forum and judge shopping. *Id.* at 6:18-26, 7:1-6.

In the Reply, Plaintiff contends that the public interests in this case are varied and not solely financial. Reply at 3:25-28. Plaintiff lists several concerns in the Reply countering the Defendants assertion that a jury trial is unnecessary in this case. See Reply generally. Further, Plaintiff alleges the Defendants' claim of forum-shopping is misleading and unfounded – noting how Plaintiff's request for impartiality is not forum shopping, nor can it be construed that Plaintiff's prior actions demonstrate ill intent in pursuing removal. Id. at 7-18. Plaintiff reiterates its allegations against the Defendants - pointing to dozens of examples within the Exhibits he believes show Defendants' attempts to portray him as a "right-wing conspiracy theorist." See Reply generally. Finally, Plaintiff argues all five prongs of Tarkanian have been met. Id. As to the nature and extent of the pretrial publicity, Plaintiff argues the amount or level of publicity received (over 20 articles) supports a showing of a vindictive tone portraying Beadles in the media. *Id.* at 13:9-16. Second, as to the size of the community, Plaintiff argues that such a pervasive media presence in a county of 500,000 people will render it "nearly impossible to find someone who hasn't heard about this 'crazy right-wing election denier, extremist." Id. at 13:18-25. As to the nature and gravity of the lawsuit, Plaintiff argues this factor favors change of venue considering the preexisting relationships between the defense, the Defendants, court officials, and community leaders. Id. at 14:1-6. Further, Plaintiff

Plaintiff lists concerns in general categories, including: (1) Right to Impartial Adjudicator is Paramount; (2) Judges, Though Presumed Unbiased, Are Human; (3) Right to Jury Trial in Constitutional Violations; (4) Monetary Damages Claim; (5) Equitable Claims; (6) Discretion of the Court; (7) Precedence on Removal Proceedings; and (8) Purpose of a Jury

argues the status of the parties within the community clearly favors a change of venue – arguing the Defendants have made Beadles a public figure by sending out several emails to the entire county email list. *Id.* 14:21-23. Plaintiff again points to the extensive TV and social media coverage depicting Beadles as an extremist. *Id.* at 14:23-28. Finally, Plaintiff alleges the existence of political overtones in the case validates Beadles' position that a change in venue is warranted – asserting how Beadles has time and time again demonstrated the issues with the election system in Washoe County, a paramount issue in the case that cannot be tried in an unbiased manner without a change in venue. *Id.* at 15:3-16.

After reviewing the pleadings and applicable law, this Court finds good reason to grant the Plaintiff's Motion and transfer venue to the First Judicial District Court in Carson City, Nevada. As discussed by the parties in the pleadings, this Court looks to the five *Tarkanian* factors to determine if venue should be transferred.

The first factor, the nature and extent of the pretrial publicity, favors a change in venue. Throughout his Motion, Plaintiff cites the extent of the pretrial publicity garnered from this dispute. Plaintiff points specifically to Exhibits filed in support of the Motion that tend to show significant media presence surrounding the case – including pieces of media republished on a Defendant's platform, and pieces published in highly trafficked local press. Further, Defendant argues the coverage has expanded to the national media, citing to coverage in the Associated Press on the matter. The Court agrees with the Plaintiff that the issues that are central to this case have been broadly covered by local media outlets and widely distributed to the Washoe County voting population by computer network applications such as email and Facebook, which favors a change in venue. Further, the information generated by the parties is arguably polarizing and at times inflammatory, which also favors a change of venue. See Sicor, Inc. v. Hutchinson, 127 Nev. 904, 915, 266 P.3d 608, 616 (2011)

² See Exhibit 120. "Election-fraud claims resurfaced in Nevada as Robert Beadles revises Washoe County lawsuit." "[Beadles'] goal ... remains the same: to have a court address the validity of his election grievances and remove Washoe County Registrar of Voters Jamie Rodriguez, County Manager Eric Brown and Alexis Hill, Washoe County Commission chair ... In response to the first lawsuit, the Washoe County District Attorney's office sent Beadles a letter on Tuesday calling his claims the "inaccurate rantings of a conspiracy theorist". Reno Gazette Journal. See also Exhibit 132: "Robert Beadles tests Washoe County election fraud claims in court." "For a year and a half, Robert Beadles has criticized Washoe County officials in public meetings, blog posts and email over election concerns. He's now filed a lawsuit backing up his claims." Reno Gazette Journal. See also Exhibit 135, Commissioner Hill's campaign email. "Can you believe this? I'm being sued ... I wouldn't let wild conspiracy theories stand in the way of our free and fair elections. Now, MAGA

2.1

(finding that a consideration of whether the evidence "reveal[s] the kind of inflammatory or polarizing material associated with a need for change of venue" is proper.) Further, Plaintiff asserts that his action is directed at changes to the voting process prior to the 2024 election, which is just fourteen months from now. The possibility that a trial in this case will be close in time to, or coincide with the election, is real.³

The second and third *Tarkanian* factors are viewed as neutral to this Court. On its face, the Washoe County population (~500,000) evidences no identifiable issues favoring either party with regard to seating a fair and impartial jury in this matter, nor is the nature or gravity of the issue in this case unique to Washoe County alone.

The fourth factor, the status of the Plaintiff and Defendants in the community, favors a change in venue. The summarization of Plaintiff's pleadings above and the multitude of Exhibits filed in this case detail the manner and extent to which he has become a well-known public figure in Washoe County whose primary objective is criticizing and changing the manner in which elections are conducted in Washoe County. Further, each of the Defendants is a publicly elected official, whose campaigns include broad outreach to the county's voting population which will comprise a jury, if one is seated in this case. There is no denying that the parties in this case have unique and far-reaching popularity in northern Nevada. Accordingly, this factor favors a change of venue.

The fifth factor, the existence of political overtones in the case, favors denying a change of venue. This Court agrees that the political overtones in the case are not unique to Washoe County and are experienced in many communities across the country with respect to local election integrity.

On balance, and in consideration of all *Tarkanian* factors, this Court finds it proper to grant the Motion. The parties are entitled to entrust the important legal issues in this case to a venue where there would be few if any external influences and where the *Tarkanian* factors are neutralized. While factors two, three and five are not determinative, as discussed above, factors one and four weigh heavily in favor of changing venue in this case. Further, the change of venue to the First Judicial District considers the convenience of the parties and any witnesses that would be called to testify.

extremist and recent California transplant Robert Beadles is suing me. Guess what? I don't cave to bullies! I need you with us ... Together we can show Beadles and his army of extremists that they have no place in Washoe County."

The Tarkanian court also considered a sixth factor, which was not specifically enumerated: the amount of time that

separated the release of the publicity and the trial. *Tarkanian*, 113 Nev. at 614, 939 P.2d at 1052.

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1	Based upon the foregoing and good cause appearing,			
2	IT IS HEREBY ORDERED that Plaintiff Robert Beadles' Motion to Change Venue is			
3	GRAN			
4		IT IS HEREBY FURTHER ORDERED that venue is changed to the First Judicial District		
5	Court in Carson City, Nevada for all further proceedings in the above-entitled matter.			
6	IT IS SO ORDERED.			
7		DATED this 13 th day of September, 2023.		
8		M. Jokulia		
9		KATHLEEN M. DRAKULICH		
10		DISTRICT JUDGE		
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CERTIFICATE OF SERVICE

CASE NO. CV23-01341

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I certify that I am an employee of the SECOND JUDICIAL DISTRICT COURT of the STATE OF NEVADA, COUNTY OF WASHOE; that on the 13th day of September, 2023, I electronically filed the ORDER GRANTING DEFENDANT'S MOTION TO CHANGE VENUE with the Clerk of the Court by using the ECF system.

I further 'certify that I transmitted a true and correct copy of the foregoing document by the method(s) noted below:

Electronically filed with the Clerk of the Court by using the ECF system which will send a notice of electronic filing to the following:

ROBERT BEADLES

LINDSAY LIDDELL, ESQ. for ALEXIS HILL, ERIC BROWN, WASHOE COUNTY, JAMIE RODRIGUEZ

ELIZABETH HICKMAN, ESO. for ALEXIS HILL, ERIC BROWN, WASHOE COUNTY, JAMIE RODRIGUEZ

Deposited to the Second Judicial District Court mailing system in a sealed envelope for postage and mailing by Washoe County using the United States Postal Service in Reno, Nevada: [NONE]

Department | Judicial Assistant

The document to which this certificate is attached is a full, true and correct copy of the original on file and of record in my office.

By: ALICIA L. LERUD, Clerk of the Second Judicial District Court, in and for the County of

Washoe.

9 of 9 Certified by SColabianchi on 09/14/2023

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3	Deputy District Attorney		
4	Nevada State Bar Number 11598 One South Sierra Street		
5	Reno, NV lliddell@da	washoecounty.gov	
6	ehickman@ (775) 337-5	da.washoecounty.gov 700	
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9		IN THE SECOND JUDICI	AL DISTRICT COURT
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12	ROBERT	BEADLES, an individual,	
13		Plaintiff,	Case No. CV23-01341
14	vs.	,	Dept No. D1
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16	capacity as	DDRIGUEZ, in her official Registrar of Voters and in her	
17	REGISTR	pacity; the WASHOE COUNTY AR OF VOTERS, a government /	
18	agency; EF	UC BROWN in his official WASHOE COUNTY	
	MANAGE	R and in his personal capacity,	
19	ALEXIS HILL in her official capacity as CHAIRWOMAN OF WASHOE COUNTY BOARD OF COMMISSIONERS and in her personal capacity; WASHOE COUNTY, a political subdivision of the State of Nevada, and		
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22	DOES I-X X.	and ROE CORPORATIONS I-	
23	A. .	Defendants	
24		Defendants.	
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TO: ALL INTERESTED PERSONS

PLEASE TAKE NOTICE that on September 14, 2023, the Court in the above entitled matter filed its Corrected Order Granting Plaintiff's Motion To Change Venue. A copy of the Order is attached hereto.

AFFIRMATION PURSUANT TO NRS 239B.030 AND 603A.040

The undersigned does hereby affirm that the preceding document does not contain the social security number of any person.

Dated this 14th day of September, 2023.

CHRISTOPHER J. HICKS District Attorney

By /s/ Lindsay L. Liddell
LINDSAY L. LIDDELL
Deputy District Attorney
One South Sierra Street
Reno, NV 89501
Iliddell@da.washoecounty.gov
(775) 337-5700
ATTORNEY FOR DEFENDANTS

CERTIFICATE OF SERVICE

Pursuant to NRCP 5(b), I certify that I am an employee of the Office of the District Attorney of Washoe County, over the age of 21 years and not a party to nor interested in the within action. I certify that on this date, the foregoing was electronically filed with the United States District Court. Electronic service of the foregoing document shall be made in accordance with the Master Service List as follows:

ROBERT BEADLES

Dated this 14th day September, 2023.

/s/ N. Stapledon N. Stapledon

FILED Electronically CV23-01341 2023-09-14 08:12:59 AM Alicia L. Lerud Clerk of the Court Transaction # 9885572

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IN THE SECOND JUDICIAL DISTRICT COURT OF THE STATE OF NEVADA IN AND FOR THE **COUNTY OF WASHOE**

MR. ROBERT BEADLES, an individual,

Plaintiff.

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Defendants.

CORRECTED ORDER GRANTING PLAINTIFF'S MOTION TO CHANGE VENUE

Currently before the Court is Defendant Robert Beadles' ("Plaintiff") Motion to Change Venue ("Motion") filed August 13, 2023. On August 17, 2023, Jamie Rodriguez ("Ms. Rodriguez") in her official capacity as Registrar of Voters and in her personal capacity; the Washoe County Registrar of Voters, a government agency; Eric Brown ("County Manager Brown") in his official

¹ This Corrected Order changes a typographical error in the title (changing "Defendant's" to "Plaintiff's").

capacity as Washoe County Manager and in his personal capacity; Alexis Hill ("Commissioner Hill") in her official capacity of Chairwoman of Washoe County Board of Commissioners and in her personal capacity; and Washoe County, Nevada, a political subdivision of the State of Nevada (collectively "Defendants") filed an *Opposition to Motion for Change of Venue* ("Opposition"). On August 24, 2023, Plaintiff filed *Reply in Support of Motion to Change Venue* ("Reply") and submitted the Motion to the Court for consideration.

I. Background

Plaintiff filed his *Complaint* ("Complaint") on August 4, 2023. Therein, Plaintiff asserts the following:

- 1. The Complaint is brought against Defendants based on their violations of Plaintiff's state Constitutional rights to due process, equal protection, voter's rights, and the laws and codes of Nevada related to the conduct of elections regarding Defendants' non-response to Plaintiff's grievances and "general stonewalling" when presented with reports and analysis on voting systems in use in Washoe County and various requests for information. Complaint ¶ 33.
- 2. Plaintiff alleges violations of his rights and the laws of Nevada based on the Defendants having never acknowledged or responded to three formal Petitions filed with the county by Plaintiff. *Id.* ¶ 31.
- 3. Plaintiff will show that Defendants willfully committed acts of malpractice, maladministration, and/or nonfeasance, and perjury in the conduct of their official duties, thus having the appearance of impropriety and damaging the public's trust. *Id.* ¶ 32.
- 4. Plaintiff includes Exhibit 109 that is a highlight of several supplemental statements in support of the merits of the underlying Petitions. Individually and as a whole, Plaintiff contends that the highlights presented in Exhibit 109 are of such a serious matter that they cannot be ignored-just as the original Petitions should never have been ignored to cure the problems that are self-evident, including but not limited to: unclean and grossly inaccurate voter rolls, un-approved and unsecure voting systems that Defendants chose of their own volition, the rush toward pioneering new technology that could impact county, state, and

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- Plaintiff demands the Complaint and the underlying Petitions be heard by this honorable court. *Id.* ¶ 37.

II. Legal Authority

The Nevada Supreme Court reviews a district court's ruling on a motion for change of venue under NRS 13.050(2) for an abuse of discretion. *Roethlisberger v. McNulty*, 127 Nev. 559, 563, 256 P.3d 955, 957 (2011). A district court may, on motion or stipulation, change the place of the proceeding "[w]hen there is reason to believe that an impartial proceeding cannot be had therein" or "[w]hen the convenience of the witnesses and the ends of justice would be promoted by the change." NRS 13.050(2)(b) and (c). "When the place of the proceeding is changed, all other matters relating to the proceeding shall be had in the county to which the place of the proceeding is changed . . . and the papers shall be filed or transferred accordingly." NRS 13.050(3).

In evaluating a pre-voir dire change of venue motion, the Court considers five factors: "(1) the nature and extent of the pretrial publicity; (2) the size of the community; (3) the nature and gravity

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III. Analysis

In Plaintiff's Motion, Plaintiff contends that the prevailing local conditions and recent actions of the Defendants severely compromise the prospect of a fair trial in this jurisdiction. Mot. at 2:1-4. Plaintiff first alleges media bias in this case, arguing Defendants have been assisted by local media outlets to advance an imbalanced and partial narrative concerning the case's merits. Id. at 2:6-7. First, Plaintiff alleges this media effort involves revealing non-public records and aims to portray the Plaintiff's claims as lacking validity, even though substantial corroborative evidence exists. Id. at 2:7-9. Second, Plaintiff alleges improper release of non-public records as seen in the text messages with Mark Robison, a reporter. Id. at 2:15-19. Third, Plaintiff contends he has valid reasons to assert that certain court officials, inclusive of judges and clerks in Washoe County, share professional and personal affiliations with the Defendants – showing the appearance of impropriety and undermining the Plaintiff's trust in obtaining an impartial trial. Id. at 2:20-24. For the foregoing reasons, Plaintiff believes that securing an impartial trial is implausible in Washoe County. Id. at 3:1-2. Plaintiff seeks transfer of the case to Lyon County as it is neutral and geographically convenient. Id. at 3:2-3. Plaintiff argues transfer to Lyon County would serve the best interests of the public, benefit all parties involved, and present no prejudice or evidence challenges in relation to the case.

of the lawsuit; (4) the status of the plaintiff and defendant in the community; and (5) the existence of

political overtones in the case." See Nat'l Collegiate Athletic Ass'n v. Tarkanian, 113 Nev. 610, 613-

14, 939 P.3d 1049,1051-52 (1997) (citing People v. Hamilton, 48 Cal.3d 1142, 774 P.3d 730 (1989)).

In the Opposition, Defendants first argue that the Motion is entirely meritless - claiming the public interest is best served by holding this case within the venue of Washoe County. Opp. at 2:13-26. Defendants contend Plaintiff is advancing an imbalanced and partial narrative concerning the case's merits. Id. Next, Defendants argue Beadles' causes of action bear no right to a jury trial noting that the right to a jury trial does not extend to either the equitable claim or the removal proceeding. Id. at 3:19-4:3. Further, Defendants argue that a pre-voir dire change of venue is otherwise unwarranted here in consideration of the five-factors test as enumerated in Tarkanian. Id. at 4:5-10. Defendants argue the nation and extent of pretrial publicity has, to date, been minimal. Id. at 4:21-23. Next, as to size of community, the Defendant argues that Washoe County has nearly half a million people – noting no evidence that a population this size evidences potential difficulty in seating a jury. Further, as to nature and gravity of the case, Defendants argue that the ongoing political environment, not Beadles' Complaint, bring the issues alleged to the forefront of the community's consciousness – alleging this is no less true for Lyon County than it is for Washoe County. *Id.* at 5:12-18. As to status in the community, Defendants contend there is nothing about Beadles or Defendants' status that makes venue in Washoe County necessarily biased or impartial towards either party. *Id.* at 5:19-25. As to the existence of political undertones, Defendant again points out that the nature of the case has been presented in communities across the nature since the last major election – showing no mitigation can be gained by moving this case to another venue. *Id.* at 5:26, 6:1-3. Finally, the Defendants argue the Motion further evidences forum shopping – alleging how Beadles has engaged in overt forum and judge shopping. *Id.* at 6:18-26, 7:1-6.

In the Reply, Plaintiff contends that the public interests in this case are varied and not solely financial. Reply at 3:25-28. Plaintiff lists several concerns in the Reply countering the Defendants assertion that a jury trial is unnecessary in this case. See Reply generally. Further, Plaintiff alleges the Defendants' claim of forum-shopping is misleading and unfounded – noting how Plaintiff's request for impartiality is not forum shopping, nor can it be construed that Plaintiff's prior actions demonstrate ill intent in pursuing removal. Id. at 7-18. Plaintiff reiterates its allegations against the Defendants – pointing to dozens of examples within the Exhibits he believes show Defendants' attempts to portray him as a "right-wing conspiracy theorist." See Reply generally. Finally, Plaintiff argues all five prongs of Tarkanian have been met. Id. As to the nature and extent of the pretrial publicity, Plaintiff argues the amount or level of publicity received (over 20 articles) supports a showing of a vindictive tone portraying Beadles in the media. Id. at 13:9-16. Second, as to the size of the community, Plaintiff argues that such a pervasive media presence in a county of 500,000 people will render it "nearly impossible to find someone who hasn't heard about this 'crazy right-wing election denier, extremist." Id. at 13:18-25. As to the nature and gravity of the lawsuit, Plaintiff argues this factor favors change of venue considering the preexisting relationships between the

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defense, the Defendants, court officials, and community leaders. *Id.* at 14:1-6. Further, Plaintiff argues the status of the parties within the community clearly favors a change of venue – arguing the Defendants have made Beadles a public figure by sending out several emails to the entire county email list. *Id.* 14:21-23. Plaintiff again points to the extensive TV and social media coverage depicting Beadles as an extremist. *Id.* at 14:23-28. Finally, Plaintiff alleges the existence of political overtones in the case validates Beadles' position that a change in venue is warranted – asserting how Beadles has time and time again demonstrated the issues with the election system in Washoe County, a paramount issue in the case that cannot be tried in an unbiased manner without a change in venue. *Id.* at 15:3-16.

After reviewing the pleadings and applicable law, this Court finds good reason to grant the Plaintiff's Motion and transfer venue to the First Judicial District Court in Carson City, Nevada. As discussed by the parties in the pleadings, this Court looks to the five *Tarkanian* factors to determine if venue should be transferred.

The first factor, the nature and extent of the pretrial publicity, favors a change in venue. Throughout his Motion, Plaintiff cites the extent of the pretrial publicity garnered from this dispute. Plaintiff points specifically to Exhibits filed in support of the Motion that tend to show significant media presence surrounding the case – including pieces of media republished on a Defendant's platform, and pieces published in highly trafficked local press. Further, Defendant argues the coverage has expanded to the national media, citing to coverage in the Associated Press on the matter. The Court agrees with the Plaintiff that the issues that are central to this case have been broadly covered by local media outlets and widely distributed to the Washoe County voting population by computer network applications such as email and Facebook, which favors a change in venue. Further, the information generated by the parties is arguably polarizing and at times inflammatory, which also favors a change of venue. See Sicor, Inc. v. Hutchinson, 127 Nev. 904, 915, 266 P.3d 608, 616 (2011)

³ See Exhibit 120. "Election-fraud claims resurfaced in Nevada as Robert Beadles revises Washoe County lawsuit." "[Beadles'] goal ... remains the same: to have a court address the validity of his election grievances and remove Washoe County Registrar of Voters Jamie Rodriguez, County Manager Eric Brown and Alexis Hill, Washoe County Commission chair ... In response to the first lawsuit, the Washoe County District Attorney's office sent Beadles a letter on Tuesday calling his claims the "inaccurate rantings of a conspiracy theorist". Reno Gazette Journal. See also Exhibit 132: "Robert Beadles tests Washoe County election fraud claims in court." "For a year and a half, Robert Beadles has criticized Washoe County officials in public meetings, blog posts and email over election concerns. He's now filed a lawsuit backing up his

(finding that a consideration of whether the evidence "reveal[s] the kind of inflammatory or polarizing material associated with a need for change of venue" is proper.) Further, Plaintiff asserts that his action is directed at changes to the voting process prior to the 2024 election, which is just fourteen months from now. The possibility that a trial in this case will be close in time to, or coincide with the election, is real.⁴

The second and third *Tarkanian* factors are viewed as neutral to this Court. On its face, the Washoe County population (~500,000) evidences no identifiable issues favoring either party with regard to seating a fair and impartial jury in this matter, nor is the nature or gravity of the issue in this case unique to Washoe County alone.

The fourth factor, the status of the Plaintiff and Defendants in the community, favors a change in venue. The summarization of Plaintiff's pleadings above and the multitude of Exhibits filed in this case detail the manner and extent to which he has become a well-known public figure in Washoe County whose primary objective is criticizing and changing the manner in which elections are conducted in Washoe County. Further, each of the Defendants is a publicly elected official, whose campaigns include broad outreach to the county's voting population which will comprise a jury, if one is seated in this case. There is no denying that the parties in this case have unique and far-reaching popularity in northern Nevada. Accordingly, this factor favors a change of venue.

The fifth factor, the existence of political overtones in the case, favors denying a change of venue. This Court agrees that the political overtones in the case are not unique to Washoe County and are experienced in many communities across the country with respect to local election integrity.

On balance, and in consideration of all *Tarkanian* factors, this Court finds it proper to grant the Motion. The parties are entitled to entrust the important legal issues in this case to a venue where there would be few if any external influences and where the *Tarkanian* factors are neutralized. While factors two, three and five are not determinative, as discussed above, factors one and four weigh

claims." Reno Gazette Journal. See also Exhibit 135, Commissioner Hill's campaign email. "Can you believe this? I'm being sued ... I wouldn't let wild conspiracy theories stand in the way of our free and fair elections. Now, MAGA extremist and recent California transplant Robert Beadles is suing me. Guess what? I don't cave to bullies! I need you with us ... Together we can show Beadles and his army of extremists that they have no place in Washoe County."

⁴ The *Tarkanian* court also considered a sixth factor, which was not specifically enumerated: the amount of time that separated the release of the publicity and the trial. *Tarkanian*, 113 Nev. at 614, 939 P.2d at 1052.

1	heavily in favor of changing venue in this case. Further, the change of venue to the First Judicial
2	District considers the convenience of the parties and any witnesses that would be called to testify.
3	Based upon the foregoing and good cause appearing,
4	IT IS HEREBY ORDERED that Plaintiff Robert Beadles' Motion to Change Venue is
5	GRANTED.
6	IT IS HEREBY FURTHER ORDERED that venue is changed to the First Judicial District
7	Court in Carson City, Nevada for all further proceedings in the above-entitled matter.
8	IT IS SO ORDERED.
9	DATED this 14 th day of September, 2023.
10	M. Johnson
11	KATHLEEN M. DRAKULICH DISTRICT JUDGE
12	DISTINCT JODGE
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CERTIFICATE OF SERVICE

CASE NO. CV23-01341

I certify that I am an employee of the SECOND JUDICIAL DISTRICT COURT of the STATE OF NEVADA, COUNTY OF WASHOE; that on the 14th day of September, 2023, I electronically filed the **CORRECTED ORDER GRANTING PLAINTIFF'S MOTION TO CHANGE VENUE** with the Clerk of the Court by using the ECF system.

I further certify that I transmitted a true and correct copy of the foregoing document by the method(s) noted below:

Electronically filed with the Clerk of the Court by using the ECF system which will send a notice of electronic filing to the following:

ROBERT BEADLES

LINDSAY LIDDELL, ESQ. for ALEXIS HILL, ERIC BROWN, WASHOE COUNTY, JAMIE RODRIGUEZ

ELIZABETH HICKMAN, ESQ. for ALEXIS HILL, ERIC BROWN, WASHOE COUNTY, JAMIE RODRIGUEZ

Deposited to the Second Judicial District Court mailing system in a sealed envelope for postage and mailing by Washoe County using the United States Postal Service in Reno, Nevada:

[NONE]

Department I Judicial Assistant

FILED Electronically CV23-01341 2023-09-14 08:12:59 AM Alicia L. Lerud Clerk of the Court Transaction # 9885572

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IN THE SECOND JUDICIAL DISTRICT COURT OF THE STATE OF NEVADA IN AND FOR THE **COUNTY OF WASHOE**

MR. ROBERT BEADLES, an individual,

vs.

Plaintiff,

CV23-01341

Dept. No.:

1

Case No.:

JAMIE RODRIGUEZ, in her official capacity As Registrar of Voters and in her personal Capacity; the WASHOE COUNTY REGISTRAR OF VOTERS, a government agency; ERIC BROWN in his official capacity as WASHOE COUNTY MANAGER and in his personal capacity, ALEXIS HILL in her official capacity as CHAIRWOMAN OF WASHOE COUNTY BOARD OF COMMISSIONERS and in her personal capacity; WASHOE COUNTY, Nevada, a political subdivision of the State of Nevada, and DOES I-X; and ROE **CORPORATIONS I-X,**

Defendants.

CORRECTED ORDER GRANTING PLAINTIFF'S MOTION TO CHANGE VENUE

Currently before the Court is Defendant Robert Beadles' ("Plaintiff") Motion to Change Venue ("Motion") filed August 13, 2023. On August 17, 2023, Jamie Rodriguez ("Ms. Rodriguez") in her official capacity as Registrar of Voters and in her personal capacity; the Washoe County Registrar of Voters, a government agency; Eric Brown ("County Manager Brown") in his official

¹ This Corrected Order changes a typographical error in the title (changing "Defendant's" to "Plaintiff's").

capacity as Washoe County Manager and in his personal capacity; Alexis Hill ("Commissioner Hill") in her official capacity of Chairwoman of Washoe County Board of Commissioners and in her personal capacity; and Washoe County, Nevada, a political subdivision of the State of Nevada (collectively "Defendants") filed an *Opposition to Motion for Change of Venue* ("Opposition"). On August 24, 2023, Plaintiff filed *Reply in Support of Motion to Change Venue* ("Reply") and submitted the Motion to the Court for consideration.

I. Background

Plaintiff filed his *Complaint* ("Complaint") on August 4, 2023. Therein, Plaintiff asserts the following:

- 1. The Complaint is brought against Defendants based on their violations of Plaintiff's state Constitutional rights to due process, equal protection, voter's rights, and the laws and codes of Nevada related to the conduct of elections regarding Defendants' non-response to Plaintiff's grievances and "general stonewalling" when presented with reports and analysis on voting systems in use in Washoe County and various requests for information. Complaint ¶ 33.
- 2. Plaintiff alleges violations of his rights and the laws of Nevada based on the Defendants having never acknowledged or responded to three formal Petitions filed with the county by Plaintiff. *Id.* ¶ 31.
- 3. Plaintiff will show that Defendants willfully committed acts of malpractice, maladministration, and/or nonfeasance, and perjury in the conduct of their official duties, thus having the appearance of impropriety and damaging the public's trust. *Id.* ¶ 32.
- 4. Plaintiff includes Exhibit 109 that is a highlight of several supplemental statements in support of the merits of the underlying Petitions. Individually and as a whole, Plaintiff contends that the highlights presented in Exhibit 109 are of such a serious matter that they cannot be ignored-just as the original Petitions should never have been ignored to cure the problems that are self-evident, including but not limited to: unclean and grossly inaccurate voter rolls, un-approved and unsecure voting systems that Defendants chose of their own volition, the rush toward pioneering new technology that could impact county, state, and

national security, failure to train staff and election officials, failure to provide trained election officials, telling staff to not verify signatures, unequal treatment of signatures at the polls, counting of votes in secret, illegal function within the election system, and gross violations of the Nevada Revised Statutes and Administrative Codes regarding election procedures. *Id.* ¶ 33.

- 5. Exhibit 109, point 6 (a) provides "The Washoe ROV's [Registrar of Voters] staff has seen: '100% turnover in permanent staff and a loss of institutional knowledge.' The Elections Group 6-9-23." The Election Group is the consulting agency initially hired by County Manager Brown. *Id.* ¶ 34.
- 6. Plaintiff alleges the Registrar of Voters is in violation of Nevada law and, if left uncorrected, is unprepared to run the 2024 presidential primary safely, securely, and accurately as required by law unless all the issues are put on the table and addressed by one or more Defendant(s) under the Court's supervision. *Id.* ¶ 35.
- 7. Plaintiff alleges Defendant(s) ignored Plaintiffs Petitions as an annoyance and will continue to do so if this Court does not intervene. *Id.* ¶ 36.
- 8. Plaintiff demands the Complaint and the underlying Petitions be heard by this honorable court. *Id.* ¶ 37.

II. Legal Authority

The Nevada Supreme Court reviews a district court's ruling on a motion for change of venue under NRS 13.050(2) for an abuse of discretion. *Roethlisberger v. McNulty*, 127 Nev. 559, 563, 256 P.3d 955, 957 (2011). A district court may, on motion or stipulation, change the place of the proceeding "[w]hen there is reason to believe that an impartial proceeding cannot be had therein" or "[w]hen the convenience of the witnesses and the ends of justice would be promoted by the change." NRS 13.050(2)(b) and (c). "When the place of the proceeding is changed, all other matters relating to the proceeding shall be had in the county to which the place of the proceeding is changed . . . and the papers shall be filed or transferred accordingly." NRS 13.050(3).

In evaluating a pre-voir dire change of venue motion, the Court considers five factors: "(1) the nature and extent of the pretrial publicity; (2) the size of the community; (3) the nature and gravity

of the lawsuit; (4) the status of the plaintiff and defendant in the community; and (5) the existence of political overtones in the case." See Nat'l Collegiate Athletic Ass'n v. Tarkanian, 113 Nev. 610, 613-14, 939 P.3d 1049,1051-52 (1997) (citing People v. Hamilton, 48 Cal.3d 1142, 774 P.3d 730 (1989)).

III. Analysis

In Plaintiff's Motion, Plaintiff contends that the prevailing local conditions and recent actions of the Defendants severely compromise the prospect of a fair trial in this jurisdiction. Mot. at 2:1-4. Plaintiff first alleges media bias in this case, arguing Defendants have been assisted by local media outlets to advance an imbalanced and partial narrative concerning the case's merits. *Id.* at 2:6-7. First, Plaintiff alleges this media effort involves revealing non-public records and aims to portray the Plaintiff's claims as lacking validity, even though substantial corroborative evidence exists. *Id.* at 2:7-9. Second, Plaintiff alleges improper release of non-public records as seen in the text messages with Mark Robison, a reporter. *Id.* at 2:15-19. Third, Plaintiff contends he has valid reasons to assert that certain court officials, inclusive of judges and clerks in Washoe County, share professional and personal affiliations with the Defendants – showing the appearance of impropriety and undermining the Plaintiff's trust in obtaining an impartial trial. *Id.* at 2:20-24. For the foregoing reasons, Plaintiff believes that securing an impartial trial is implausible in Washoe County. *Id.* at 3:1-2. Plaintiff seeks transfer of the case to Lyon County as it is neutral and geographically convenient. *Id.* at 3:2-3. Plaintiff argues transfer to Lyon County would serve the best interests of the public, benefit all parties involved, and present no prejudice or evidence challenges in relation to the case.

In the Opposition, Defendants first argue that the Motion is entirely meritless – claiming the public interest is best served by holding this case within the venue of Washoe County. Opp. at 2:13-26. Defendants contend Plaintiff is advancing an imbalanced and partial narrative concerning the case's merits. *Id.* Next, Defendants argue Beadles' causes of action bear no right to a jury trial – noting that the right to a jury trial does not extend to either the equitable claim or the removal proceeding. *Id.* at 3:19-4:3. Further, Defendants argue that a pre-voir dire change of venue is otherwise unwarranted here in consideration of the five-factors test as enumerated in *Tarkanian*. *Id.* at 4:5-10. Defendants argue the nation and extent of pretrial publicity has, to date, been minimal. *Id.* at 4:21-23. Next, as to size of community, the Defendant argues that Washoe County has nearly half

a million people — noting no evidence that a population this size evidences potential difficulty in seating a jury. Further, as to nature and gravity of the case, Defendants argue that the ongoing political environment, not Beadles' Complaint, bring the issues alleged to the forefront of the community's consciousness — alleging this is no less true for Lyon County than it is for Washoe County. *Id.* at 5:12-18. As to status in the community, Defendants contend there is nothing about Beadles or Defendants' status that makes venue in Washoe County necessarily biased or impartial towards either party. *Id.* at 5:19-25. As to the existence of political undertones, Defendant again points out that the nature of the case has been presented in communities across the nature since the last major election — showing no mitigation can be gained by moving this case to another venue. *Id.* at 5:26, 6:1-3. Finally, the Defendants argue the Motion further evidences forum shopping — alleging how Beadles has engaged in overt forum and judge shopping. *Id.* at 6:18-26, 7:1-6.

In the Reply, Plaintiff contends that the public interests in this case are varied and not solely financial Reply at 3:25-28. Plaintiff lists several concerns in the Reply countering the Defendants assertion that a jury trial is unnecessary in this case.² See Reply generally. Further, Plaintiff alleges the Defendants' claim of forum-shopping is misleading and unfounded – noting how Plaintiff's request for impartiality is not forum shopping, nor can it be construed that Plaintiff's prior actions demonstrate ill intent in pursuing removal. Id. at 7-18. Plaintiff reiterates its allegations against the Defendants – pointing to dozens of examples within the Exhibits he believes show Defendants' attempts to portray him as a "right-wing conspiracy theorist." See Reply generally. Finally, Plaintiff argues all five prongs of Tarkanian have been met. Id. As to the nature and extent of the pretrial publicity, Plaintiff argues the amount or level of publicity received (over 20 articles) supports a showing of a vindictive tone portraying Beadles in the media. Id. at 13:9-16. Second, as to the size of the community, Plaintiff argues that such a pervasive media presence in a county of 500,000 people will render it "nearly impossible to find someone who hasn't heard about this 'crazy right-wing election denier, extremist." Id. at 13:18-25. As to the nature and gravity of the lawsuit, Plaintiff argues this factor favors change of venue considering the preexisting relationships between the

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After reviewing the pleadings and applicable law, this Court finds good reason to grant the Plaintiff's Motion and transfer venue to the First Judicial District Court in Carson City, Nevada. As discussed by the parties in the pleadings, this Court looks to the five *Tarkanian* factors to determine if venue should be transferred.

The first factor, the nature and extent of the pretrial publicity, favors a change in venue. Throughout his Motion, Plaintiff cites the extent of the pretrial publicity garnered from this dispute. Plaintiff points specifically to Exhibits filed in support of the Motion that tend to show significant media presence surrounding the case – including pieces of media republished on a Defendant's platform, and pieces published in highly trafficked local press. Further, Defendant argues the coverage has expanded to the national media, citing to coverage in the Associated Press on the matter. The Court agrees with the Plaintiff that the issues that are central to this case have been broadly covered by local media outlets and widely distributed to the Washoe County voting population by computer network applications such as email and Facebook, which favors a change in venue. Further, the information generated by the parties is arguably polarizing and at times inflammatory, which also favors a change of venue. See Sicor, Inc. v. Hutchinson, 127 Nev. 904, 915, 266 P.3d 608, 616 (2011)

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(finding that a consideration of whether the evidence "reveal[s] the kind of inflammatory or polarizing material associated with a need for change of venue" is proper.) Further, Plaintiff asserts that his action is directed at changes to the voting process prior to the 2024 election, which is just fourteen months from now. The possibility that a trial in this case will be close in time to, or coincide with the election, is real.⁴

The second and third *Tarkanian* factors are viewed as neutral to this Court. On its face, the Washoe County population (~500,000) evidences no identifiable issues favoring either party with regard to seating a fair and impartial jury in this matter, nor is the nature or gravity of the issue in this case unique to Washoe County alone.

The fourth factor, the status of the Plaintiff and Defendants in the community, favors a change in venue. The summarization of Plaintiff's pleadings above and the multitude of Exhibits filed in this case detail the manner and extent to which he has become a well-known public figure in Washoe County whose primary objective is criticizing and changing the manner in which elections are conducted in Washoe County. Further, each of the Defendants is a publicly elected official, whose campaigns include broad outreach to the county's voting population which will comprise a jury, if one is seated in this case. There is no denying that the parties in this case have unique and far-reaching popularity in northern Nevada. Accordingly, this factor favors a change of venue.

The fifth factor, the existence of political overtones in the case, favors denying a change of venue. This Court agrees that the political overtones in the case are not unique to Washoe County and are experienced in many communities across the country with respect to local election integrity.

On balance, and in consideration of all *Tarkanian* factors, this Court finds it proper to grant the Motion. The parties are entitled to entrust the important legal issues in this case to a venue where there would be few if any external influences and where the *Tarkanian* factors are neutralized. While factors two, three and five are not determinative, as discussed above, factors one and four weigh

claims." Reno Gazette Journal. See also Exhibit 135, Commissioner Hill's campaign email. "Can you believe this? I'm being sued ... I wouldn't let wild conspiracy theories stand in the way of our free and fair elections. Now, MAGA extremist and recent California transplant Robert Beadles is suing me. Guess what? I don't cave to bullies! I need you with us ... Together we can show Beadles and his army of extremists that they have no place in Washoe County."

⁴ The *Tarkanian* court also considered a sixth factor, which was not specifically enumerated: the amount of time that separated the release of the publicity and the trial. *Tarkanian*, 113 Nev. at 614, 939 P.2d at 1052.

heavily in favor of changing venue in this case. Further, the change of venue to the First Judicial District considers the convenience of the parties and any witnesses that would be called to testify. Based upon the foregoing and good cause appearing, IT IS HEREBY ORDERED that Plaintiff Robert Beadles' Motion to Change Venue is GRANTED. IT IS HEREBY FURTHER ORDERED that venue is changed to the First Judicial District Court in Carson City, Nevada for all further proceedings in the above-entitled matter. IT IS SO ORDERED. DATED this 14th day of September, 2023. M. DRAKULICH **DISTRICT JUDGE**

1		CERTIFICATE OF SERVICE
2	CASE	NO. CV23-01341
3		I certify that I am an employee of the SECOND JUDICIAL DISTRICT COURT of the
4	STATE	E OF NEVADA, COUNTY OF WASHOE; that on the 14th day of September, 2023, I
5	electron	nically filed the CORRECTED ORDER GRANTING PLAINTIFF'S MOTION TO
6	CHAN	GE VENUE with the Clerk of the Court by using the ECF system.
7		I further certify that I transmitted a true and correct copy of the foregoing document by the
8	method	(s) noted below:
9	Electro	nically filed with the Clerk of the Court by using the ECF system which will send a notice
10	of elect	ronic filing to the following:
11		ROBERT BEADLES
12		LINDSAY LIDDELL, ESQ. for ALEXIS HILL, ERIC BROWN, WASHOE COUNTY,
13		JAMIE RODRIGUEZ
14		ELIZABETH HICKMAN, ESQ. for ALEXIS HILL, ERIC BROWN, WASHOE COUNTY
15		JAMIE RODRIGUEZ
16	Depos	ited to the Second Judicial District Court mailing system in a sealed envelope for postage
17	and m	ailing by Washoe County using the United States Postal Service in Reno, Nevada:
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3	ELIZABETH HIC Deputy District Att		
4	Nevada State Bar N	Jumber 11598	
	One South Sierra S Reno, NV 89501	treet	
5	lliddell@da.washoo		
6	ehickman@da.was (775) 337-5700	noecounty.gov	
7	ATTORNEYS FO	R DEFENDANTS	
8	·		
9		IN THE SECOND JUDICI	AL DISTRICT COURT
10	OF THE STA	TE OF NEVADA IN AND	FOR THE COUNTY OF WASHOE
11			
		* * *	•
12	ROBERT BEADL	ES, an individual,	
13	Plair	ntiff	Case No. CV23-01341
14	l lan	itiii,	
15	VS.		Dept No. D1
	JAMIE RODRIGU	UEZ, in her official ar of Voters and in her	
16	personal capacity;	the WASHOE COUNTY	
17	REGISTRAR OF	VOTERS, a government / DWN in his official	
18	capacity as WASH	OE COUNTY	
19	MANAGER and in his personal capacity, ALEXIS HILL in her official capacity as		
	CHAIRWOMAN OF WASHOE		
20	COUNTY BOARD OF COMMISSIONERS and in her personal		
21	capacity; WASHOE COUNTY, a political subdivision of the State of Nevada, and		
22	DOES I-X; and ROE CORPORATIONS I-		
23	X.		
	Defe	endants.	
24			
25		NOTICE OF ENT	RY OF ORDER
26	//		

TO: ALL INTERESTED PERSONS

PLEASE TAKE NOTICE that on September 13, 2023, the Court in the above entitled matter filed its Order Granting Defendant's Motion To Change Venue. A copy of the Order is attached hereto.

AFFIRMATION PURSUANT TO NRS 239B.030 AND 603A.040

The undersigned does hereby affirm that the preceding document does not contain the social security number of any person.

Dated this 13th day of September, 2023.

CHRISTOPHER J. HICKS District Attorney

By /s/ Lindsay L. Liddell
LINDSAY L. LIDDELL
Deputy District Attorney
One South Sierra Street
Reno, NV 89501
Iliddell@da.washoecounty.gov
(775) 337-5700
ATTORNEY FOR DEFENDANTS

CERTIFICATE OF SERVICE

Pursuant to NRCP 5(b), I certify that I am an employee of the Office of the District Attorney of Washoe County, over the age of 21 years and not a party to nor interested in the within action. I certify that on this date, the foregoing was electronically filed with the United States District Court. Electronic service of the foregoing document shall be made in accordance with the Master Service List as follows:

ROBERT BEADLES

Dated this 13th day September, 2023.

/s/ S. Haldeman S. Haldeman

FILED
Electronically
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2023-09-13 02:03:46 PM
Alicia L. Lerud
Clerk of the Court
Transaction # 9884298

VS.

IN THE SECOND JUDICIAL DISTRICT COURT OF THE STATE OF NEVADA IN AND FOR THE COUNTY OF WASHOE

MR. ROBERT BEADLES, an individual,

Plaintiff.

Case No.:

CV23-01341

Dept. No.:

JAMIE RODRIGUEZ, in her official capacity
As Registrar of Voters and in her personal
Capacity; the WASHOE COUNTY
REGISTRAR OF VOTERS, a government
agency; ERIC BROWN in his official capacity
as WASHOE COUNTY MANAGER and in his
personal capacity, ALEXIS HILL in her official
capacity as CHAIRWOMAN OF WASHOE
COUNTY BOARD OF COMMISSIONERS and
in her personal capacity; WASHOE COUNTY,
Nevada, a political subdivision of the State of
Nevada, and DOES I-X; and ROE
CORPORATIONS I-X,

Defendants.

ORDER GRANTING DEFENDANT'S MOTION TO CHANGE VENUE

Currently before the Court is Defendant Robert Beadles' ("Plaintiff") Motion to Change Venue ("Motion") filed August 13, 2023. On August 17, 2023, Jamie Rodriguez ("Ms. Rodriguez") in her official capacity as Registrar of Voters and in her personal capacity; the Washoe County Registrar of Voters, a government agency; Eric Brown ("County Manager Brown") in his official capacity as Washoe County Manager and in his personal capacity; Alexis Hill ("Commissioner Hill")

in her official capacity of Chairwoman of Washoe County Board of Commissioners and in her personal capacity; and Washoe County, Nevada, a political subdivision of the State of Nevada (collectively "Defendants") filed an *Opposition to Motion for Change of Venue* ("Opposition"). On August 24, 2023, Plaintiff filed *Reply in Support of Motion to Change Venue* ("Reply") and submitted the Motion to the Court for consideration.

I. Background

Plaintiff filed his *Complaint* ("Complaint") on August 4, 2023. Therein, Plaintiff asserts the following:

- 1. The Complaint is brought against Defendants based on their violations of Plaintiff's state Constitutional rights to due process, equal protection, voter's rights, and the laws and codes of Nevada related to the conduct of elections regarding Defendants' non-response to Plaintiff's grievances and "general stonewalling" when presented with reports and analysis on voting systems in use in Washoe County and various requests for information. Complaint ¶ 33.
- 2. Plaintiff alleges violations of his rights and the laws of Nevada based on the Defendants having never acknowledged or responded to three formal Petitions filed with the county by Plaintiff. *Id.* ¶ 31.
- 3. Plaintiff will show that Defendants willfully committed acts of malpractice, maladministration, and/or nonfeasance, and perjury in the conduct of their official duties, thus having the appearance of impropriety and damaging the public's trust. *Id.* ¶ 32.
- 4. Plaintiff includes Exhibit 109 that is a highlight of several supplemental statements in support of the merits of the underlying Petitions. Individually and as a whole, Plaintiff contends that the highlights presented in Exhibit 109 are of such a serious matter that they cannot be ignored-just as the original Petitions should never have been ignored to cure the problems that are self-evident, including but not limited to: unclean and grossly inaccurate voter rolls, un-approved and unsecure voting systems that Defendants chose of their own volition, the rush toward pioneering new technology that could impact county, state, and national security, failure to train staff and election officials, failure to provide trained

election officials, telling staff to not verify signatures, unequal treatment of signatures at the polls, counting of votes in secret, illegal function within the election system, and gross violations of the Nevada Revised Statutes and Administrative Codes regarding election procedures. Id. ¶ 33.

- 5. Exhibit 109, point 6 (a) provides "The Washoe ROV's [Registrar of Voters] staff has seen: '100% turnover in permanent staff and a loss of institutional knowledge.' The Elections Group 6-9-23." The Election Group is the consulting agency initially hired by County Manager Brown. *Id.* ¶ 34.
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- 7. Plaintiff alleges Defendant(s) ignored Plaintiffs Petitions as an annoyance and will continue to do so if this Court does not intervene. *Id.* ¶ 36.
- 8. Plaintiff demands the Complaint and the underlying Petitions be heard by this honorable court. *Id.* ¶ 37.

II. Legal Authority

The Nevada Supreme Court reviews a district court's ruling on a motion for change of venue under NRS 13.050(2) for an abuse of discretion. *Roethlisberger v. McNulty*, 127 Nev. 559, 563, 256 P.3d 955, 957 (2011). A district court may, on motion or stipulation, change the place of the proceeding "[w]hen there is reason to believe that an impartial proceeding cannot be had therein" or "[w]hen the convenience of the witnesses and the ends of justice would be promoted by the change." NRS 13.050(2)(b) and (c). "When the place of the proceeding is changed, all other matters relating to the proceeding shall be had in the county to which the place of the proceeding is changed . . . and the papers shall be filed or transferred accordingly." NRS 13.050(3).

In evaluating a pre-voir dire change of venue motion, the Court considers five factors: "(1) the nature and extent of the pretrial publicity; (2) the size of the community; (3) the nature and gravity of the lawsuit; (4) the status of the plaintiff and defendant in the community; and (5) the existence of

political overtones in the case." See Nat'l Collegiate Athletic Ass'n v. Tarkanian, 113 Nev. 610, 613-14, 939 P.3d 1049,1051-52 (1997) (citing People v. Hamilton, 48 Cal.3d 1142, 774 P.3d 730 (1989)).

III. Analysis

In Plaintiff's Motion, Plaintiff contends that the prevailing local conditions and recent actions of the Defendants severely compromise the prospect of a fair trial in this jurisdiction. Mot. at 2:1-4. Plaintiff first alleges media bias in this case, arguing Defendants have been assisted by local media outlets to advance an imbalanced and partial narrative concerning the case's merits. *Id.* at 2:6-7. First, Plaintiff alleges this media effort involves revealing non-public records and aims to portray the Plaintiff's claims as lacking validity, even though substantial corroborative evidence exists. *Id.* at 2:7-9. Second, Plaintiff alleges improper release of non-public records as seen in the text messages with Mark Robison, a reporter. *Id.* at 2:15-19. Third, Plaintiff contends he has valid reasons to assert that certain court officials, inclusive of judges and clerks in Washoe County, share professional and personal affiliations with the Defendants – showing the appearance of impropriety and undermining the Plaintiff's trust in obtaining an impartial trial. *Id.* at 2:20-24. For the foregoing reasons, Plaintiff believes that securing an impartial trial is implausible in Washoe County. *Id.* at 3:1-2. Plaintiff seeks transfer of the case to Lyon County as it is neutral and geographically convenient. *Id.* at 3:2-3. Plaintiff argues transfer to Lyon County would serve the best interests of the public, benefit all parties involved, and present no prejudice or evidence challenges in relation to the case.

In the Opposition, Defendants first argue that the Motion is entirely meritless – claiming the public interest is best served by holding this case within the venue of Washoe County. Opp. at 2:13-26. Defendants contend Plaintiff is advancing an imbalanced and partial narrative concerning the case's merits. *Id.* Next, Defendants argue Beadles' causes of action bear no right to a jury trial – noting that the right to a jury trial does not extend to either the equitable claim or the removal proceeding. *Id.* at 3:19-4:3. Further, Defendants argue that a pre-voir dire change of venue is otherwise unwarranted here in consideration of the five-factors test as enumerated in *Tarkanian*. *Id.* at 4:5-10. Defendants argue the nation and extent of pretrial publicity has, to date, been minimal. *Id.* at 4:21-23. Next, as to size of community, the Defendant argues that Washoe County has nearly half a million people – noting no evidence that a population this size evidences potential difficulty in

seating a jury. Further, as to nature and gravity of the case, Defendants argue that the ongoing political environment, not Beadles' Complaint, bring the issues alleged to the forefront of the community's consciousness – alleging this is no less true for Lyon County than it is for Washoe County. *Id.* at 5:12-18. As to status in the community, Defendants contend there is nothing about Beadles or Defendants' status that makes venue in Washoe County necessarily biased or impartial towards either party. *Id.* at 5:19-25. As to the existence of political undertones, Defendant again points out that the nature of the case has been presented in communities across the nature since the last major election – showing no mitigation can be gained by moving this case to another venue. *Id.* at 5:26, 6:1-3. Finally, the Defendants argue the Motion further evidences forum shopping – alleging how Beadles has engaged in overt forum and judge shopping. *Id.* at 6:18-26, 7:1-6.

2.5

In the Reply, Plaintiff contends that the public interests in this case are varied and not solely financial. Reply at 3:25-28. Plaintiff lists several concerns in the Reply countering the Defendants assertion that a jury trial is unnecessary in this case. See Reply generally. Further, Plaintiff alleges the Defendants' claim of forum-shopping is misleading and unfounded - noting how Plaintiff's request for impartiality is not forum shopping, nor can it be construed that Plaintiff's prior actions demonstrate ill intent in pursuing removal. Id. at 7-18. Plaintiff reiterates its allegations against the Defendants | pointing to dozens of examples within the Exhibits he believes show Defendants' attempts to portray him as a "right-wing conspiracy theorist." See Reply generally. Finally, Plaintiff argues all five prongs of Tarkanian have been met. Id. As to the nature and extent of the pretrial publicity, Plaintiff argues the amount or level of publicity received (over 20 articles) supports a showing of a vindictive tone portraying Beadles in the media. Id. at 13:9-16. Second, as to the size of the community, Plaintiff argues that such a pervasive media presence in a county of 500,000 people will render it "nearly impossible to find someone who hasn't heard about this 'crazy right-wing election denier, extremist." Id. at 13:18-25. As to the nature and gravity of the lawsuit, Plaintiff argues this factor favors change of venue considering the preexisting relationships between the defense, the Defendants, court officials, and community leaders. Id. at 14:1-6. Further, Plaintiff

¹ Plaintiff lists concerns in general categories, including: (1) Right to Impartial Adjudicator is Paramount; (2) Judges, Though Presumed Unbiased, Are Human; (3) Right to Jury Trial in Constitutional Violations; (4) Monetary Damages Claim; (5) Equitable Claims; (6) Discretion of the Court; (7) Precedence on Removal Proceedings; and (8) Purpose of a Jury.

argues the status of the parties within the community clearly favors a change of venue – arguing the Defendants have made Beadles a public figure by sending out several emails to the entire county email list. *Id.* 14:21-23. Plaintiff again points to the extensive TV and social media coverage depicting Beadles as an extremist. *Id.* at 14:23-28. Finally, Plaintiff alleges the existence of political overtones in the case validates Beadles' position that a change in venue is warranted – asserting how Beadles has time and time again demonstrated the issues with the election system in Washoe County, a paramount issue in the case that cannot be tried in an unbiased manner without a change in venue. *Id.* at 15:3-16.

After reviewing the pleadings and applicable law, this Court finds good reason to grant the Plaintiff's Motion and transfer venue to the First Judicial District Court in Carson City, Nevada. As discussed by the parties in the pleadings, this Court looks to the five *Tarkanian* factors to determine if venue should be transferred.

The first factor, the nature and extent of the pretrial publicity, favors a change in venue. Throughout his Motion, Plaintiff cites the extent of the pretrial publicity garnered from this dispute. Plaintiff points specifically to Exhibits filed in support of the Motion that tend to show significant media presence surrounding the case – including pieces of media republished on a Defendant's platform, and pieces published in highly trafficked local press. Further, Defendant argues the coverage has expanded to the national media, citing to coverage in the Associated Press on the matter. The Court agrees with the Plaintiff that the issues that are central to this case have been broadly covered by local media outlets and widely distributed to the Washoe County voting population by computer network applications such as email and Facebook, which favors a change in venue. Further, the information generated by the parties is arguably polarizing and at times inflammatory, which also favors a change of venue. See Sicor, Inc. v. Hutchinson, 127 Nev. 904, 915, 266 P.3d 608, 616 (2011)

² See Exhibit 120. "Election-fraud claims resurfaced in Nevada as Robert Beadles revises Washoe County lawsuit." "[Beadles'] goal ... remains the same: to have a court address the validity of his election grievances and remove Washoe County Registrar of Voters Jamie Rodriguez, County Manager Eric Brown and Alexis Hill, Washoe County Commission chair ... In response to the first lawsuit, the Washoe County District Attorney's office sent Beadles a letter on Tuesday calling his claims the "inaccurate rantings of a conspiracy theorist". Reno Gazette Journal. See also Exhibit 132: "Robert Beadles tests Washoe County election fraud claims in court." "For a year and a half, Robert Beadles has criticized Washoe County officials in public meetings, blog posts and email over election concerns. He's now filed a lawsuit backing up his claims." Reno Gazette Journal. See also Exhibit 135, Commissioner Hill's campaign email. "Can you believe this? I'm being sued ... I wouldn't let wild conspiracy theories stand in the way of our free and fair elections. Now, MAGA

(finding that a consideration of whether the evidence "reveal[s] the kind of inflammatory or polarizing material associated with a need for change of venue" is proper.) Further, Plaintiff asserts that his action is directed at changes to the voting process prior to the 2024 election, which is just fourteen months from now. The possibility that a trial in this case will be close in time to, or coincide with the election, is real.³

The second and third *Tarkanian* factors are viewed as neutral to this Court. On its face, the Washoe County population (~500,000) evidences no identifiable issues favoring either party with regard to seating a fair and impartial jury in this matter, nor is the nature or gravity of the issue in this case unique to Washoe County alone.

The fourth factor, the status of the Plaintiff and Defendants in the community, favors a change in venue. The summarization of Plaintiff's pleadings above and the multitude of Exhibits filed in this case detail the manner and extent to which he has become a well-known public figure in Washoe County whose primary objective is criticizing and changing the manner in which elections are conducted in Washoe County. Further, each of the Defendants is a publicly elected official, whose campaigns include broad outreach to the county's voting population which will comprise a jury, if one is seated in this case. There is no denying that the parties in this case have unique and far-reaching popularity in northern Nevada. Accordingly, this factor favors a change of venue.

The fifth factor, the existence of political overtones in the case, favors denying a change of venue. This Court agrees that the political overtones in the case are not unique to Washoe County and are experienced in many communities across the country with respect to local election integrity.

On balance, and in consideration of all *Tarkanian* factors, this Court finds it proper to grant the Motion. The parties are entitled to entrust the important legal issues in this case to a venue where there would be few if any external influences and where the *Tarkanian* factors are neutralized. While factors two, three and five are not determinative, as discussed above, factors one and four weigh heavily in favor of changing venue in this case. Further, the change of venue to the First Judicial District considers the convenience of the parties and any witnesses that would be called to testify.

extremist and recent California transplant Robert Beadles is suing me. Guess what? I don't cave to bullies! I need you with us ... Together we can show Beadles and his army of extremists that they have no place in Washoe County."

The Tarkanian court also considered a sixth factor, which was not specifically enumerated: the amount of time that

separated the release of the publicity and the trial. Tarkanian, 113 Nev. at 614, 939 P.2d at 1052.

Based upon the foregoing and good cause appearing, IT IS HEREBY ORDERED that Plaintiff Robert Beadles' Motion to Change Venue is GRANTED. IT IS HEREBY FURTHER ORDERED that venue is changed to the First Judicial District Court in Carson City, Nevada for all further proceedings in the above-entitled matter. IT IS SO ORDERED. DATED this 13th day of September, 2023. EN M. DRAKULICH DISTRICT JUDGE

CERTIFICATE OF SERVICE

CASE NO. CV23-01341

I certify that I am an employee of the SECOND JUDICIAL DISTRICT COURT of the STATE OF NEVADA, COUNTY OF WASHOE; that on the 13th day of September, 2023, I electronically filed the **ORDER GRANTING DEFENDANT'S MOTION TO CHANGE VENUE** with the Clerk of the Court by using the ECF system.

I further certify that I transmitted a true and correct copy of the foregoing document by the method(s) noted below:

Electronically filed with the Clerk of the Court by using the ECF system which will send a notice of electronic filing to the following:

ROBERT BEADLES

LINDSAY LIDDELL, ESQ. for ALEXIS HILL, ERIC BROWN, WASHOE COUNTY, JAMIE RODRIGUEZ

ELIZABETH HICKMAN, ESQ. for ALEXIS HILL, ERIC BROWN, WASHOE COUNTY, JAMIE RODRIGUEZ

Deposited to the Second Judicial District Court mailing system in a sealed envelope for postage and mailing by Washoe County using the United States Postal Service in Reno, Nevada: [NONE]

Department | Judicial Assistant

FILED Electronically CV23-01341 2023-09-13 03:12:46 PM Alicia L. Lerud Clerk of the Court 1 2645 Transaction # 9884666 : vviloria LINDSAY L. LIDDELL Deputy District Attorney Nevada State Bar Number 14079 **ELIZABETH HICKMAN** 3 Deputy District Attorney Nevada State Bar Number 11598 4 One South Sierra Street 5 Reno, NV 89501 lliddell@da.washoecounty.gov ehickman@da.washoecounty.gov 6 (775) 337-57007 ATTORNEYS FOR DEFENDANTS 8 9 IN THE SECOND JUDICIAL DISTRICT COURT 10 OF THE STATE OF NEVADA IN AND FOR THE COUNTY OF WASHOE 11 * * * 12 ROBERT BEADLES, an individual, 13 Plaintiff, Case No. CV23-01341 14 Dept No. D1 VS. 15 JAMIE RODRIGUEZ, in her official 16 capacity as Registrar of Voters and in her personal capacity; the WASHOE COUNTY 17 REGISTRAR OF VOTERS, a government / agency; ERIC BROWN in his official 18 capacity as WASHOE COUNTY MANAGER and in his personal capacity, 19 ALEXIS HILL in her official capacity as CHAIRWOMAN OF WASHOE 20 COUNTY BOARD OF COMMISSIONERS and in her personal 21 capacity; WASHOE COUNTY, a political subdivision of the State of Nevada, and 22 DOES I-X; and ROE CORPORATIONS I-X. 23 Defendants. 24 25 OPPOSITION OF MOTION IN REQUEST OF SUR-REPLY 26

Defendants, by and through counsel, Deputy District Attorney Lindsay Liddell, hereby file their Opposition to the Motion in Request of Sur-Reply filed by Plaintiff Robert Beadles ("Beadles") on September 7, 2023. This Opposition is based on the following Memorandum of Points and Authorities and all papers and pleadings on file.

MEMORANDUM OF POINTS AND AUTHORITIES

I. INTRODUCTION

Beadles filed a Motion in Request of Sur-Reply seeking leave to file a sur-reply to Defendants' Motion to Dismiss. A sur-reply is not contemplated by the procedural rules of the Court, and is not appropriate in this case. See WDCR 12; FJDCR 3.7–3.9. Much of the Motion argues matters that have no bearing on whether the Complaint states a claim upon which relief can be granted. The Motion otherwise seeks to provide redundant argument on issues briefed in the Motion to Dismiss, Opposition, and Reply.

Beadles argues a sur-reply is appropriate to "correct several inaccuracies asserted by the defense that appear to be new or expounded upon arguments from their initial Motion to Dismiss." *Mot.* at p. 1. Though he claims new arguments were raised in Defendants' Reply, he does not explain or cite to any arguments that were raised for the first time in the Reply. *See Mot.* He includes over two pages in support of Edward Soloman's election fraud claims. *Mot.* at pp. 2–4. He argues Defendants are "morally" and "legally obligated to obey the law." *Mot.* at p. 6. He states that through a sur-reply, he "will rip apart their reply and demonstrate example by example how the defense is misleading this court and how every Washoe voter is being damaged by the defenses unethical and disgraceful treatment of this most serious atrocity of our right to suffrage." *Mot.* at p. 14.

//

The Court issued an Order granting Beadles's Motion to Change Venue, transferring venue to the First Judicial District Court. However, as of the date of this filing, the First Judicial District Court has not yet opened its case. As such, Defendants file the instant Opposition in the Second Judicial District Court.

The Motion should be denied. This is nothing more than a nonmoving party's attempt to have the last word on a motion. The Court may order additional briefing on the Motion to Dismiss if necessary. However, endless sur-replies attempting to readdress fully briefed issues or irrelevant issues is inappropriate and wastes judicial and party resources.

II. THE MOTION SHOULD BE DENIED.

The rules of this Court allow a party to file a motion, the nonmoving party to file an opposition to that motion, and the moving party to file a reply in support of the motion. WCDR 12(1)–(4). "[A] party seeking to file a sur-reply should generally seek permission to do so though a properly filed motion." *In re Estate of Klein*, 127 Nev. 1146, 2011 WL 1599633 (Apr. 26, 2011)(unpublished disposition)(granting motion to strike sur-reply). "Surreplies, and any other filing that serves the purpose or has the effect of a surreply, are highly disfavored, as they are usually a strategic effort by the nonmovant to have the last word on a matter." *Lacher v. West*, 147 F.Supp.2d 538, 539 (N.D. Tex. 2001).

Here, a sur-reply is inappropriate and unnecessary. Additional briefing beyond what is statutorily permitted is not warranted here and not permitted by Court rules. Though Beadles states he "never intended to fully argue the case solely through the original complaint," the rules contemplate a motion to dismiss that tests the sufficiency of a complaint. See Edgar v. Wagner, 101 Nev. 226, 227, 699 P.2d 110, 111 (1985). The Motion at hand raises no issues that would warrant additional briefing on the Motion to Dismiss.

There is no basis or utility in briefing issues that have no bearing on the Motion to Dismiss. Beadles's claims of widespread election fraud and Edward Soloman's "math" to support his claim do not relate to whether the Complaint states a claim to redress elections grievances or to remove certain Defendants from their positions. See Reply in Support of Mot. to Dismiss, at pp. 3–4. Erroneous allegations of counsel's unethical conduct, criminal statutes, and allegations outside the Complaint likewise have no bearing on the Motion to Dismiss.

Additionally, there is no utility in allowing Beadles another opportunity to rebut the same arguments set forth in the Motion to Dismiss. The Motion requests a sur-reply to provide redundant and superfluous analysis regarding whether Defendants have a legal duty on which a writ can be issued or upon which certain Defendants may be removed; whether Plaintiff stated claims generally and whether his exhibits "state" claims; whether NRS 283.440 can be used only to remove local elected public officials; whether remedies are available; and whether the Nevada Administrative Code provides a procedure to redress individuals' elections complaints. As the nonmoving party, Beadles is not permitted to have the last word on Defendants' Motion to Dismiss.

Though the Motion claims Defendants' Reply in Support of Motion to Dismiss

Though the Motion claims Defendants' Reply in Support of Motion to Dismiss raised new arguments, it does not describe or cite to any new arguments. The Opposition raised arguments outside the Motion to Dismiss, which the Reply addressed. See Reply in Support of Mot. to Dismiss at fn. 7. If the Court finds that new arguments were raised in Defendants' Reply, the Court may disregard those arguments or order additional briefing.

III. CONCLUSION

A sur-reply is inappropriate and unnecessary for the Motion to Dismiss. The Motion should be denied.

AFFIRMATION PURSUANT TO NRS 239B.030

The undersigned does hereby affirm that the preceding document does not contain the social security number of any person.

Dated this 13th day of September 2023.

By /s/ Lindsay L. Liddell
LINDSAY L. LIDDELL
Deputy District Attorney
One South Sierra Street
Reno, NV 89501
Iliddell@da.washoecounty.gov
(775) 337-5700
ATTORNEY FOR DEFENDANTS

12.

CERTIFICATE OF SERVICE

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- 2. Plaintiff alleges violations of his rights and the laws of Nevada based on the Defendants having never acknowledged or responded to three formal Petitions filed with the county by Plaintiff. *Id.* ¶ 31.
- 3. Plaintiff will show that Defendants willfully committed acts of malpractice, maladministration, and/or nonfeasance, and perjury in the conduct of their official duties, thus having the appearance of impropriety and damaging the public's trust. *Id.* ¶ 32.
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- 8. Plaintiff demands the Complaint and the underlying Petitions be heard by this honorable court. *Id.* ¶ 37.

II. Legal Authority

The Nevada Supreme Court reviews a district court's ruling on a motion for change of venue under NRS 13.050(2) for an abuse of discretion. *Roethlisberger v. McNulty*, 127 Nev. 559, 563, 256 P.3d 955, 957 (2011). A district court may, on motion or stipulation, change the place of the proceeding "[w]hen there is reason to believe that an impartial proceeding cannot be had therein" or "[w]hen the convenience of the witnesses and the ends of justice would be promoted by the change." NRS 13.050(2)(b) and (c). "When the place of the proceeding is changed, all other matters relating to the proceeding shall be had in the county to which the place of the proceeding is changed . . . and the papers shall be filed or transferred accordingly." NRS 13.050(3).

In evaluating a pre-voir dire change of venue motion, the Court considers five factors: "(1) the nature and extent of the pretrial publicity; (2) the size of the community; (3) the nature and gravity of the lawsuit; (4) the status of the plaintiff and defendant in the community; and (5) the existence of

political overtones in the case." See Nat'l Collegiate Athletic Ass'n v. Tarkanian, 113 Nev. 610, 613-14, 939 P.3d 1049,1051-52 (1997) (citing People v. Hamilton, 48 Cal.3d 1142, 774 P.3d 730 (1989)).

III. Analysis

In Plaintiff's Motion, Plaintiff contends that the prevailing local conditions and recent actions of the Defendants severely compromise the prospect of a fair trial in this jurisdiction. Mot. at 2:1-4. Plaintiff first alleges media bias in this case, arguing Defendants have been assisted by local media outlets to advance an imbalanced and partial narrative concerning the case's merits. *Id.* at 2:6-7. First, Plaintiff alleges this media effort involves revealing non-public records and aims to portray the Plaintiff's claims as lacking validity, even though substantial corroborative evidence exists. *Id.* at 2:7-9. Second, Plaintiff alleges improper release of non-public records as seen in the text messages with Mark Robison, a reporter. *Id.* at 2:15-19. Third, Plaintiff contends he has valid reasons to assert that certain court officials, inclusive of judges and clerks in Washoe County, share professional and personal affiliations with the Defendants – showing the appearance of impropriety and undermining the Plaintiff's trust in obtaining an impartial trial. *Id.* at 2:20-24. For the foregoing reasons, Plaintiff believes that securing an impartial trial is implausible in Washoe County. *Id.* at 3:1-2. Plaintiff seeks transfer of the case to Lyon County as it is neutral and geographically convenient. *Id.* at 3:2-3. Plaintiff argues transfer to Lyon County would serve the best interests of the public, benefit all parties involved, and present no prejudice or evidence challenges in relation to the case.

In the Opposition, Defendants first argue that the Motion is entirely meritless – claiming the public interest is best served by holding this case within the venue of Washoe County. Opp. at 2:13-26. Defendants contend Plaintiff is advancing an imbalanced and partial narrative concerning the case's merits. *Id.* Next, Defendants argue Beadles' causes of action bear no right to a jury trial – noting that the right to a jury trial does not extend to either the equitable claim or the removal proceeding. *Id.* at 3:19-4:3. Further, Defendants argue that a pre-voir dire change of venue is otherwise unwarranted here in consideration of the five-factors test as enumerated in *Tarkanian*. *Id.* at 4:5-10. Defendants argue the nation and extent of pretrial publicity has, to date, been minimal. *Id.* at 4:21-23. Next, as to size of community, the Defendant argues that Washoe County has nearly half a million people – noting no evidence that a population this size evidences potential difficulty in

seating a jury. Further, as to nature and gravity of the case, Defendants argue that the ongoing political environment, not Beadles' Complaint, bring the issues alleged to the forefront of the community's consciousness – alleging this is no less true for Lyon County than it is for Washoe County. *Id.* at 5:12-18. As to status in the community, Defendants contend there is nothing about Beadles or Defendants' status that makes venue in Washoe County necessarily biased or impartial towards either party. *Id.* at 5:19-25. As to the existence of political undertones, Defendant again points out that the nature of the case has been presented in communities across the nature since the last major election – showing no mitigation can be gained by moving this case to another venue. *Id.* at 5:26, 6:1-3. Finally, the Defendants argue the Motion further evidences forum shopping – alleging how Beadles has engaged in overt forum and judge shopping. *Id.* at 6:18-26, 7:1-6.

In the Reply, Plaintiff contends that the public interests in this case are varied and not solely financial. Reply at 3:25-28. Plaintiff lists several concerns in the Reply countering the Defendants assertion that a jury trial is unnecessary in this case. See Reply generally. Further, Plaintiff alleges the Defendants' claim of forum-shopping is misleading and unfounded - noting how Plaintiff's request for impartiality is not forum shopping, nor can it be construed that Plaintiff's prior actions demonstrate ill intent in pursuing removal. Id. at 7-18. Plaintiff reiterates its allegations against the Defendants - pointing to dozens of examples within the Exhibits he believes show Defendants' attempts to portray him as a "right-wing conspiracy theorist." See Reply generally. Finally, Plaintiff argues all five prongs of Tarkanian have been met. Id. As to the nature and extent of the pretrial publicity, Plaintiff argues the amount or level of publicity received (over 20 articles) supports a showing of a vindictive tone portraying Beadles in the media. Id. at 13:9-16. Second, as to the size of the community, Plaintiff argues that such a pervasive media presence in a county of 500,000 people will render it "nearly impossible to find someone who hasn't heard about this 'crazy right-wing election denier, extremist." Id. at 13:18-25. As to the nature and gravity of the lawsuit, Plaintiff argues this factor favors change of venue considering the preexisting relationships between the defense, the Defendants, court officials, and community leaders. Id. at 14:1-6. Further, Plaintiff

Plaintiff lists concerns in general categories, including: (1) Right to Impartial Adjudicator is Paramount; (2) Judges, Though Presumed Unbiased, Are Human; (3) Right to Jury Trial in Constitutional Violations; (4) Monetary Damages Claim; (5) Equitable Claims; (6) Discretion of the Court; (7) Precedence on Removal Proceedings; and (8) Purpose of a Jury.

argues the status of the parties within the community clearly favors a change of venue – arguing the Defendants have made Beadles a public figure by sending out several emails to the entire county email list. *Id.* 14:21-23. Plaintiff again points to the extensive TV and social media coverage depicting Beadles as an extremist. *Id.* at 14:23-28. Finally, Plaintiff alleges the existence of political overtones in the case validates Beadles' position that a change in venue is warranted – asserting how Beadles has time and time again demonstrated the issues with the election system in Washoe County, a paramount issue in the case that cannot be tried in an unbiased manner without a change in venue. *Id.* at 15:3-16.

After reviewing the pleadings and applicable law, this Court finds good reason to grant the Plaintiff's Motion and transfer venue to the First Judicial District Court in Carson City, Nevada. As discussed by the parties in the pleadings, this Court looks to the five *Tarkanian* factors to determine if venue should be transferred.

The first factor, the nature and extent of the pretrial publicity, favors a change in venue. Throughout his Motion, Plaintiff cites the extent of the pretrial publicity garnered from this dispute. Plaintiff points specifically to Exhibits filed in support of the Motion that tend to show significant media presence surrounding the case – including pieces of media republished on a Defendant's platform, and pieces published in highly trafficked local press. Further, Defendant argues the coverage has expanded to the national media, citing to coverage in the Associated Press on the matter. The Court agrees with the Plaintiff that the issues that are central to this case have been broadly covered by local media outlets and widely distributed to the Washoe County voting population by computer network applications such as email and Facebook, which favors a change in venue. Further, the information generated by the parties is arguably polarizing and at times inflammatory, which also favors a change of venue. See Sicor, Inc. v. Hutchinson, 127 Nev. 904, 915, 266 P.3d 608, 616 (2011)

² See Exhibit 120. "Election-fraud claims resurfaced in Nevada as Robert Beadles revises Washoe County lawsuit." "[Beadles'] goal ... remains the same: to have a court address the validity of his election grievances and remove Washoe County Registrar of Voters Jamie Rodriguez, County Manager Eric Brown and Alexis Hill, Washoe County Commission chair ... In response to the first lawsuit, the Washoe County District Attorney's office sent Beadles a letter on Tuesday calling his claims the "inaccurate rantings of a conspiracy theorist". Reno Gazette Journal. See also Exhibit 132: "Robert Beadles tests Washoe County election fraud claims in court." "For a year and a half, Robert Beadles has criticized Washoe County officials in public meetings, blog posts and email over election concerns. He's now filed a lawsuit backing up his claims." Reno Gazette Journal. See also Exhibit 135, Commissioner Hill's campaign email. "Can you believe this? I'm being sued ... I wouldn't let wild conspiracy theories stand in the way of our free and fair elections. Now, MAGA

(finding that a consideration of whether the evidence "reveal[s] the kind of inflammatory or polarizing material associated with a need for change of venue" is proper.) Further, Plaintiff asserts that his action is directed at changes to the voting process prior to the 2024 election, which is just fourteen months from now. The possibility that a trial in this case will be close in time to, or coincide with the election, is real.³

The second and third *Tarkanian* factors are viewed as neutral to this Court. On its face, the Washoe County population (~500,000) evidences no identifiable issues favoring either party with regard to seating a fair and impartial jury in this matter, nor is the nature or gravity of the issue in this case unique to Washoe County alone.

The fourth factor, the status of the Plaintiff and Defendants in the community, favors a change in venue. The summarization of Plaintiff's pleadings above and the multitude of Exhibits filed in this case detail the manner and extent to which he has become a well-known public figure in Washoe County whose primary objective is criticizing and changing the manner in which elections are conducted in Washoe County. Further, each of the Defendants is a publicly elected official, whose campaigns include broad outreach to the county's voting population which will comprise a jury, if one is seated in this case. There is no denying that the parties in this case have unique and far-reaching popularity in northern Nevada. Accordingly, this factor favors a change of venue.

The fifth factor, the existence of political overtones in the case, favors denying a change of venue. This Court agrees that the political overtones in the case are not unique to Washoe County and are experienced in many communities across the country with respect to local election integrity.

On balance, and in consideration of all *Tarkanian* factors, this Court finds it proper to grant the Motion. The parties are entitled to entrust the important legal issues in this case to a venue where there would be few if any external influences and where the *Tarkanian* factors are neutralized. While factors two, three and five are not determinative, as discussed above, factors one and four weigh heavily in favor of changing venue in this case. Further, the change of venue to the First Judicial District considers the convenience of the parties and any witnesses that would be called to testify.

extremist and recent California transplant Robert Beadles is suing me. Guess what? I don't cave to bullies! I need you with us ... Together we can show Beadles and his army of extremists that they have no place in Washoe County."

³ The *Tarkanian* court also considered a sixth factor, which was not specifically enumerated: the amount of time that separated the release of the publicity and the trial. *Tarkanian*, 113 Nev. at 614, 939 P.2d at 1052.

Based upon the foregoing and good cause appearing,

IT IS HEREBY ORDERED that Plaintiff Robert Beadles' Motion to Change Venue is GRANTED.

IT IS HEREBY FURTHER ORDERED that venue is changed to the First Judicial District Court in Carson City, Nevada for all further proceedings in the above-entitled matter.

IT IS SO ORDERED.

DA TED this 13th day of September, 2023.

KATHLEEN M. DRAKULICH DISTRICT JUDGE

CERTIFICATE OF SERVICE

CASE NO. CV23-01341

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I certify that I am an employee of the SECOND JUDICIAL DISTRICT COURT of the STATE OF NEVADA, COUNTY OF WASHOE; that on the 13th day of September, 2023, I electronically filed the **ORDER GRANTING DEFENDANT'S MOTION TO CHANGE VENUE** with the Clerk of the Court by using the ECF system.

I further certify that I transmitted a true and correct copy of the foregoing document by the method(s) noted below:

Electronically filed with the Clerk of the Court by using the ECF system which will send a notice of electronic filing to the following:

ROBERT BEADLES

LINDSAY LIDDELL, ESQ. for ALEXIS HILL, ERIC BROWN, WASHOE COUNTY, JAMIE RODRIGUEZ

ELIZABETH HICKMAN, ESQ. for ALEXIS HILL, ERIC BROWN, WASHOE COUNTY, JAMIE RODRIGUEZ

Deposited to the Second Judicial District Court mailing system in a sealed envelope for postage and mailing by Washoe County using the United States Postal Service in Reno, Nevada: [NONE]

Department | Judicial Assistant

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Clerk of the Court
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7	ATTORNEYS FOR DEFENDANTS			
8	ATTORIVE	13 FOR DEI ENDANIO		
9		IN THE SECOND JUDICI	AL DISTRICT COURT	
10	OF THE STATE OF NEVADA IN AND FOR THE COUNTY OF WASHOE			
11				
12		* * *	•	
13	ROBERT BEADLES, an individual,			
14		Plaintiff,	Case No. CV23-01341	
15	vs.		Dept No. D1	
16	JAMIE RODRIGUEZ, in her official			
17	capacity as Registrar of Voters and in her personal capacity; the WASHOE COUNTY			
18	REGISTRAR OF VOTERS, a government / agency; ERIC BROWN in his official capacity as WASHOE COUNTY MANAGER and in his personal capacity, ALEXIS HILL in her official capacity as CHAIRWOMAN OF WASHOE COUNTY BOARD OF			
19				
20				
21	COMMISSIONERS and in her personal			
22	capacity; WASHOE COUNTY, a political subdivision of the State of Nevada, and DOES I-X; and ROE CORPORATIONS I-			
23	DOES I-X; X.	and ROE CORPORATIONS 1-		
24		Defendants.		
25	MOTION FOR SANCTIONS			
26				
20				
	B			

MEMORANDUM OF POINTS AND AUTHORITIES

I. BACKGROUND.

Defendants, by and through their counsel, Deputy District Attorney Lindsay Liddell, hereby move for sanctions pursuant to NRCP 11 in the form of dismissal of the Complaint, a monetary sanction paid to the Court, and attorneys' fees and costs. This Motion is based on the following Memorandum of Points and authorities, NRCP 11, the exhibits attached hereto, and all pleadings on file in this Court including the Motion to Dismiss filed August 15, 2023.

Plaintiff Robert Beadles ("Beadles") frivolously filed the Complaint with claims not warranted by existing law, not supported by facts, and to harass Defendants Washoe County Commissioner Alexis Hill ("Commissioner Hill"), Washoe County Manager Eric Brown ("Manager Brown"), and Washoe County Registrar of Voters Jamie Rodriguez ("Ms. Rodriguez").

Beadles seeks apocryphal relief, attempting to use this Court to harass Defendants and insurrect Washoe County's elections procedures. The Complaint includes two causes of action: (1) alleged violation of his rights because Defendants did not respond to his elections "petitions," and (2) an attempt to remove Commission Hill, Manager Brown, and Ms. Rodriguez from their positions. Defendants filed a Motion to Dismiss because both actions lack merit. Defendants hereby incorporate the Motion to Dismiss as though set forth fully herein.

Beadles seeks to improperly use this Court to harass, rather than to adjudicate legitimate legal claims. He singles out Commissioner Hill, who he vehemently disagrees with, and brings meritless claims attempting to remove her from office. Assuming arguendo there was merit, all County Commissioners would be subject to removal for the same allegations. Yet, Beadles only attacks Commissioner Hill with this action.

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He seeks unavailable relief, including asking this Court to invalidate provisions of the NRS, requiring Defendants use paper ballots, "[e]njoin the Defendants and make the digitized vote tally database (Microsoft SQL) open for public inspection," require Defendants disclose applicant name and credentials, prohibit Defendants from using QR codes, "halt" Defendants' expenditure of "unapproved and unsafe equipment and software." *Compl.* at p. 14–17.

The Complaint contains conclusory false statements, including the repeated assertion that Defendants had a duty to respond to his "Petitions;" that Defendants oversaw the 2020 election, despite Commissioner Hill and Ms. Rodriguez not assuming their current roles until 2021 and 2022, respectively; that Defendants "willfully committed acts of malpractice, maladministration, and/or nonfeasance, and perjury...;" that the Washoe County Registrar of Voters is unprepared to run the 2024 presidential election; that the County's elections are "tainted" with inaccurate voter rolls; that there are "illegal functions" within the electronic system that alter intended votes; that votes are counted without adequate verification and with disregard to signature verification; that the elections generally violated federal and state law; and that "his vote did not count as he cast it and thus has been robbed of his right to suffrage." See Compl.

Beadles's claims are not based in law. He names Defendants Ms. Rodriguez, Commissioner Hill, and Manager Brown in both their official and personal capacities. There is no legal basis to pursue constitutional claims in those Defendants' official capacities. He names the Registrar of Voters, an unsuable county department. He improperly attempts to seek election-related injunctive relief under a statute that allows only for a public official's removal. Beadles's claims are disordered and baseless.

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Additionally, Beadles engaged in sanctionable forum and judge shopping. He filed the instant Complaint duplicating claims he filed two weeks prior because of his preference to litigate in state court. He then filed multiple motions to "request" a specific judge, filed peremptory challenges in both cases, and still unsatisfied now seeks a change of venue and motioned this Court for a recusal. Forum and judge shopping are improper purposes, in violation of Rule 11.

Moreover, Beadles seems to acknowledge his Rule 11 violations, alleging:

Plaintiff comes before the court pro se because many BAR-certified attorneys are being targeted, dis-barred, sanctioned, etc. for simply bringing an elections-related lawsuit forward. Plaintiff hereby represents himself pro se to save his lawyers from attacks on their livelihoods.

Compl. at $\P12$.

As set forth below, the Court should sanction Beadles, including a monetary sanction paid to the court, an award of Defendants' attorneys' fees and costs, and dismissal of this action. Pursuant to NRCP 11(c)(2), a copy of this Motion was provided to Beadles on August 16, 2023, at least twenty-one days before filing the instant Motion. See Ex. 1, Declaration of Suzi Haldeman; Ex. 2, Rule 11 Letter. Beadles was also put on notice of his Rule 11 violations in a similar Rule 11 letter and proposed motion for sanctions, which he disregarded. Beadles was afforded a reasonable opportunity to take remedial action and failed to do so. See id. It is readily apparent that Beadles lacks a reasonable basis in fact or law to pursue his claims and requested relief. Sanctions are appropriate.

II. BEADLES VIOLATED RULE 11 AND SANCTIONS ARE WARRANTED.

When a party files a complaint, they certify that to the best of his knowledge, information and belief formed after an inquiry reasonable under the circumstances:

(1) it is **not being presented** for any improper purpose, such as **to harass**, cause unnecessary delay, or needlessly increase the cost of litigation;

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- (2) the claims, defenses, and other legal contentions are warranted by existing law or by a nonfrivolous argument for extending, modifying, or reversing existing law or for establishing new law;
- (3) the **factual contentions have evidentiary support** or, if specifically so identified, will likely have evidentiary support after a reasonable opportunity for further investigation or discovery; and
- (4) the denials of factual contentions are warranted on the evidence or, if specifically so identified, are reasonably based on a belief or lack of information.

NRCP 11(b)(emph. added).

"Rule 11 is intended to deter baseless filings in district court and imposes a duty of reasonable inquiry so that anything filed with the district court is well grounded in fact, legally tenable, and not interposed for any improper purpose." *Walker v. City of N. Las Vegas*, 394 F. Supp. 3d 1251, 1260 (D. Nev. 2019), *appeal dismissed*, 19-16305, 2020 WL 3620207 (9th Cir. Jan. 21, 2020) (quotations omitted). Rule 11 should be vigorously applied to "curb widely acknowledged abuse from the filing of frivolous pleadings." *In Re Grantham Bros.*, 922 F.2d 1438, 1441 (9th Cir. 1991)(quotations omitted).

Rule 11 sanctions should be imposed for the filing of frivolous actions. Bergmann v. Boyce, 109 Nev. 670, 676, 856 P.2d 560, 564 (1993), superseded by statute on other grounds as recognized in In re DISH Network Derivative Litig., 133 Nev. 438, 451 n.6, 401 P.3d 1081, 1093 n.6 (2017). A frivolous action is one that is "both baseless and made without a reasonable and competent inquiry." Id., citing Townsend v. Holman Consulting Corp., 929 F.2d 1358, 1362 (9th Cir. 1990). The determination of frivolity is two-pronged: (1) the court must determine whether the pleading is "well grounded in fact and is warranted by existing law or a good faith argument for the extension, modification or reversal of existing law," and (2) whether

[&]quot;Federal cases interpreting the Federal Rules of Civil Procedure are strong persuasive authority, because the Nevada Rules of Civil Procedure are based in large part upon their federal counterparts." Executive Mgmt., Ltd. v. Ticor Title Ins. Co., 118 Nev. 46, 53, 38 P.3d 872, 876 (2002) (internal quotations omitted).

the party made a reasonable and competent inquiry. Id.

A. BEADLES FILED THE COMPLAINT TO HARASS DEFENDANTS.

"The trial court must examine the actual circumstances surrounding the case to determine whether the suspect claims were brought without reasonable ground." *Bergmann*, 109 Nev. at 676, 856 P.2d at 564.

Beadles filed the instant Complaint to vex and harass Defendants in pursuit of his personal animus against Commissioner Hill, Manager Brown, and Ms. Rodriguez. Beadles runs a blog where he regularly opines on government operations and expresses his disdain for Commissioner Hill, Manager Brown, and Ms. Rodriguez. See Ex. 3, Beadles's Post entitled "I Just Sued Them All For You!," Ex. 4, Beadles's Post entitled "We SUED for YOU!," Ex. 5, Beadles's Post entitled "Comrade Hill-Insky," Ex. 6, Beadles's Post entitled "Over the Hill." Beadles regularly expresses his hostility regarding Defendants—describing Commissioner Hill as a communist and referring to her as "Comrad Hill-insky," referring to Manager Brown as "Eric Brownstain," and referring to Ms. Rodriguez as "the utterly incompetent, who's not competent enough to clean toilets let alone our voter rolls." Ex. 4; Ex. 5.

In a blog post describing his first, nearly identical Complaint, Beadles declared he was "putting it all on the line to sue the County Manager, ROV and Commissioner Chair – in both their personal and official capacities and the whole damn county itself." Ex. 3. Beadles's tone shows he needlessly extended his claims to include various capacities and "the whole damn county." See id. He states, "I'm calling them out on every front." Id. While Beadles has a right to express himself on his blog, his disdain for Defendants displayed therein is relevant to the circumstances giving rise to this litigation, specifically his intention to further harass Commissioner Hill, Manager Brown, and Ms. Rodriguez through the misuse of this Court.

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Beadles's choice to name Commissioner Hill as a defendant rather than all commissioners suggests Beadles seeks to harass Commissioner Hill with this action. Beadles is well aware that Commissioner Hill cannot bind Washoe County in action on her own—a majority vote of the Board of County Commissioners is required. Moreover, assuming arguendo Commissioner Hill owed any duty to Beadles as he alleges, all County Commissioners would owe him that duty and would have fallen short according to his unviable legal theory.

Beadles inappropriately singles out Commissioner Hill in an attempt to use this case to further his scheme of harassing her. Upon information and belief, Beadles does not reside in Commissioner Hill's district. Yet, he seeks to intervene and remove her from representing her constituents. Beadles makes no attempts to conceal his personal disdain for Commissioner Hill. See Ex. 5; Ex. 6. On August 14, 2023, he referred to Commissioner Hill as having "totalitarian Kermit The Frog-type energy." Ex. 6. He also expressed his strong distaste for the way she runs County Commission meetings as chair. Id.

Beadles further demonstrates the vexatious nature of this case by waiting nearly eight months to seek redress for petitions Beadles's alleges he filed in fall 2022. A genuine legal claim arising from those petitions, would have been brought shortly after they were allegedly "ignored." Further showing Beadles's sanctionable conduct in filing the Complaint, he acknowledges attorneys have been sanctioned for filing similar elections-related claims. *Compl.* at ¶12.

In addition, as set forth below, Beadles's improper purpose can be deduced where there is no legal or factual basis for a claim. *Paciulan v. George*, 38 F.Supp.2d 1128 (N.D. Cal. 1999). His pursuit of unviable claims and false allegation shows this case is not about redressing legitimate legal disputes. It is instead another avenue to harass, vex, and consume Defendants' resources.

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Beadles violated Rule 11 by filing the Complaint for an improper purpose, and sanctions are warranted on that basis alone. *See e.g., Knipe v. Skinner*, 10 F.3d 72, 77 (2d Cir. 1994)(affirming Rule 11 sanctions, where, as the district court found, filing of the action was "[a]nother creative avenue to beat a dead horse" and the "pursuit[t of] a personal agenda against [a government entity]" without a good faith basis). Based on Beadles's well documented personal animus and the profound lack of merit to his causes of action, an improper purpose can be inferred.

B. BEADLES FILED THE INSTANT COMPLAINT FOR THE IMPROPER PURPOSE OF FORUM SHOPPING.

"Forum shopping is '[t]he practice of choosing the most favorable jurisdiction or court in which a claim might be heard." Uber Tech., Inc. v. Second Jud. Dist. Court of State ex rel. County of Washoe, 130 Nev. 1256, 2014 WL 6680785 at *2 (Nov. 24, 2014(unpublished disposition), quoting BLACK'S LAW DICTIONARY 681 (8th ed. 2004). "Forum shopping" is disfavored in Nevada State Courts. See, e.g., Adams v. Adams, 107 Nev. 790, 795, 820 P.2d 752 (1991); Lyon County v. Washoe Med. Cntr., Inc., 104 Nev. 765, 768, 766 P.2d 902, 904 (1988). The practice of "forum shopping" is "inimical to sound judicial administration." Pub. Serv. Comm'n of Nev. v. SW. Gas Corp., 103 Nev. 307, 308, 738 P.2d 891, 891 (1987).

Forum shopping is sanctionable under Rule 11. *C. v. Rady Children's Hosp.*, 17-cv-0846-AJB-JLB, 2017 WL 6327138, at *5 (S.D. Cal. Dec. 8, 2017); *Fransen v. Terps, LLC*, 153 F.R.D. 655, 660 (D. Colo. 1994)(imposing Rule 11 sanctions for a "blatant example of forum shopping"). In *C. v. Rady Children's Hosp.*, plaintiff engaged in similar conduct as Beadles in the reverse order—plaintiff filed a state court action, then dismissed that action and refiled a complaint in federal court omitting state law claims. 2017 WL 6327138, at *5. The plaintiff expressly stated they did this to pursue claims in their preferred venue. *Id.* The court found that "plaintiffs' filing in federal court due to a general dissatisfaction with state

court was improper forum shopping, and also grounds for Rule 11 sanctions." *Id.* The court awarded the opposing party their attorneys' fees as sanction. *Id.* at *6.

Beadles filed the instant case for the purpose of forum shopping, which is an improper purpose in violation of Rule 11. He filed the instant Complaint duplicating claims in a case that he filed two weeks prior, only deleting the Federal claims. *See Beadles v. Rodriguez*, et al, CV23-01283 (Second Judicial District Court).² Defendants removed the initial action to federal court because it contained claims arising under federal law. Defendants served Beadles with a Rule 11 letter and proposed motion for sanctions, and then Beadles³ withdrew the complaint in federal court. In this Court Beadles engaged in improper procedure, re-filing his complaint with the federal claims deleted.

Beadles makes no attempt to conceal his Rule 11 violation based on forum shopping. See Ex. 7, Beadles's Post entitled "Lawsuit(S) UPDATE!." In a recent blog post, Beadles states "...I filed a new lawsuit and only incorporated 2 State causes of action, with no Federal causes of action. This way, I would stay in State Court as that's where I want to be right now, and that's where remedies need to take place." Ex. 7 at p. 3.

Additionally, in both the instant action and the first case, he goes so far as to specifically request the judge he prefers to hear this action, inappropriately asserting that he is entitled make such a request and opine on the qualifications of his desired judicial officer. See Mot. to Request Judge Simons; 2nd Mot. to Request Judge Simons. In each case, he also filed peremptory challenges in an attempt to obtain his desired judge. Dissatisfied, he then moved to recuse the presiding judge, making baseless and outrageous claims regarding

² "A judge or court shall take judicial notice if requested by a party and supplied with the necessary information." NRS 47.150(2). Defendants hereby request the Court take judicial notice of all filings in the First Action, Second Judicial District Court case number CV23-01283, removed to the United States District Court District of Nevada, case number 3:23-cv-00382-ART-CSD.

³ The federal court's docket identifies attorney Sigal Chattah as the filer, but the filing itself identifies Beadles acting pro se. See Docket for United States District Court District of Nevada, case no. 3:23-cv-00382-ART-CSD.

the Court's collusion with the defense and taking issue with the Court's adherence to the rule against ex parte communication. See Mot. for Recusal of Judge. He also moved to change venue to Lyon County, again making baseless claims of bias. Mot. to Change Venue. The filing of the instant complaint and various motions to request a specific judge, to change venue, and to recuse the presently presiding judge are improper forum and judge shopping.

This overt Rule 11 violation warrants sanctions, including a monetary award to this court.

C. THE COMPLAINT CONTAINS FALSE STATEMENTS.

Though unrelated to his claims, Beadles includes allegations that Defendants oversaw elections in 2020. *Copml.* at ¶29, 38. As an initial matter, Beadles is well aware that Commissioner Hill was not a County Commissioner until 2021. Beadles is also aware that Ms. Rodriguez did not take on the Registrar for Voters role until 2022. Beadles's reckless disregard for facts is evident with these allegations.

Moreover, Beadles falsely alleges that Commissioner Hill and Manager Brown "handle voter registrations and conduct elections on behalf of the people of Washoe County." Compl. at ¶14. Beadles acknowledges that Ms. Rodriguez is the appointed Registrar of Voters. See Compl. at ¶14, ¶15. He acknowledges that the Registrar of Voters has all the powers and duties that would otherwise be assigned to a county clerk regarding elections. See Compl. at ¶14(citing NRS 244.164); WCC 5.451(4). Based on that knowledge, Beadles should know that County Manager and the Chairperson for the Board of Commissioners are not directly involved in conducting elections. Manager Brown and Commissioner Hill have no such duties nor power, yet Beadles maintains each handles and oversees elections. Compl. at ¶¶14, 29, 38.

Beadles also makes various false statements regarding Washoe County elections, including: "unclean and grossly inaccurate voting rolls," "unapproved and unsecure voting systems," "rush toward pioneering new technology that could impact county, state, and

national security," "failure to train staff and election officials," "unequal treatment of signatures at the polls," "counting of votes in secret," "illegal function within the election system," and "gross violations of the Nevada Revised Statutes and Administrative Codes regarding election procedures and the list goes on." *Compl.* at ¶33.

Some of the aforementioned statements are so vague that a pointed response is difficult, but the statements are nonetheless inaccurate rantings of a conspiracy theorist disconnected from any legitimate claim. The more specific statements—e.g. unequal treatment of signatures, failure to train staff, unsecure voting systems, inaccurate voting rolls—are false. Ex. 8, *Declaration of Jamie Rodriguez*. Beadles knows or should know, based on the information Washoe County has thus far directly or indirectly provided to him he should know his allegations lack evidentiary support.

For example, last year Beadles litigated his allegation of counting votes in secret. See Robert Beadles et al. v. Barbara Cegavske et al., Second Judicial District Court of the State of Nevada case no. CV22-00661. In that case, Beadles alleged the previous Washoe County Registrar of Voters denied "meaningful observation" of ballot processing, and requested injunctive relief including personal viewing within two feet of voting machines, visual inspection of each ballot, observer presence at drop boxes, ability to halt ballot processing, etc. See Compl. for Dec. and Inj. Relief, filed in case no. CV22-00661. Denying injunctive relief, the Court opined:

Plaintiffs ask the Court to interpret the word 'observation' to encompass a host of duties and rights that are not included in the relevant statutes, but they do not cite any case or constitutional principle that would entitle them to the detailed forms of relief that they seek. The relief would also slow and complicate the voting process and inject the judiciary into that process, without any showing that such relief is necessary to protect any legal right that Plaintiffs have.

Order Denying Motion for Temporary Restraining Order, filed in case no. CV22-00661.

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Though the Court in *Robert Beadles et al. v. Barbara Cegavske et al.* found no issue with Washoe County's public observation of elections procedures, Beadles now asserts secret vote counting and violations of Nevada law.

Beadles likewise proffers false statements regarding election integrity. Compl. at ¶¶33, 35, 40, 47–53, 81, 91. Beadles's allegations and fugitively filed⁴ "evidence" seek to relitigate "evidence" proffered in gubernatorial candidate Joey Gilbert's 2022 primary election contest. See Ex. 9, Statement of Contest of the June 14, 2022, Primary Election Pursuant to NRS § 293.407, filed in the First Jud. Dist. Ct. of the State of Nevada in and for Carson City, case no. 22 OC 000851B ("2022 Gilbert Election Contest"). Beadles paid for 2022 Gilbert Election Contest, which relied on debunked mathematics to assert that ballot data was illegally altered. See id.; Ex. 10, Order Granting Defendant Joseph Lombardo's Motion for Summary Judgment filed in the 2022 Gilbert Election Contest. The source of the debunked mathematics is Edward Soloman, a self-proclaimed "expert" without formal qualifications who could not qualify as an expert in a court of law. See Ex. 10. The Court granted Governor Lombardo summary judgment, finding that "the Soloman Report also does not constitute the type of evidence 'reasonably relied on by experts' under NRS 50.285(2)." Id. at ¶5.

Gilbert was sanctioned and ordered to pay Governor Lombardo's attorneys' fees. Order Granting Defendant Joseph Lombardo's Motion for Sanctions, filed in the 2022 Gilbert Elections Contest ("Mr. Gilbert did not-and could not-present any admissible evidence to support the case-depending thesis that the restored election results show he received the most votes in the 2022 Primary"). The Court found that the 2022 Gilbert Elections Contest, which was based on a Soloman Report, was frivolous. Id.; Ex. 9. The Court found

On August 9, 2023, Beadles filed a document titled "Supplemental Exhibits in Support of Plaintiff's Complaint," and, upon information and belief, delivered several boxes of records to the Court. Supplemental pleadings are not permitted without leave of Court. NRCP 15(d). The Court may strike "any redundant, immaterial, impertinent, or scandalous matter." NRCP 12(f).

⁵ Defendants request this Court take judicial notice of Exhibits 9–11.

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the claim regarding "math" was "highly dubious," and his contentions did not "rise to the level of a well-grounded claim under Nevada law." Ex. 11 at ¶5.

In the present case, Beadles seeks to relitigate the debunked mathematics, despite the Beadles-funded 2022 Gilbert Election Contest resulting in hefty sanctions. Beadles falsely asserts Defendants conduct unfair and inaccurate elections and that his vote did not count as he cast it. *Compl.* at ¶52, ¶81. Like in the Gilbert contest, Beadles is seeking to present various reports and communications from Edward Soloman. *Comp. Supplemental Exhibits in Support of Plaintiff's Complaint* at Exs. 65, 67, 70, 104, 105, with Ex. 9. Beadles should know that Soloman's reports lack merit, yet he continues to rely on them to make dubious claims that elections in Washoe County are "unfair and inaccurate." This is sanctionable.

Beadles also falsely states that "defendants have a duty and obligation to respond to Petition of elections..." *Compl.* at ¶43. The law imposes no such duty to "respond," and no such duty on Defendants specifically. *See* NRS 293.2546(11), NAC 293.025(requiring elections complaints be submitted to the Secretary of State).

Beadles's allegations are unencumbered by the duty to proffer only that which can be supported by admissible evidence. Just like in *Robert Beadles et al. v. Barbara Cegavske et al.*, case no. CV22-00661 Beadles seeks to inject the judiciary into the elections process. Moreover, like in the 2022 Gilbert Elections Contest, sanctions are warranted for this frivolous elections-related case. It is entirely inappropriate to place these false allegations in a pleading, and doing so is sanctionable under Rule 11.

D. THE COMPLAINT CONTAINS CLAIMS NOT BASED IN LAW.

i. Beadles Seeks Unattainable Relief.

Beadles's improper purpose is displayed in his requested relief, wherein he seeks relief that could not be granted even if his claims were viable. The Complaint contains various allegations regarding voter rolls and general elections procedures. Beadles then pursues claims based on failure to respond to his elections petitions and a claim to remove

Defendants from their positions. There is a vast disparity between the factual assertions made, the harm claimed, and the ultimate relief requested.

In his "Demand for Relief," Beadles asks the Court to "strike down NRS 293.269935(2) and 293.3606(4) to allow public inspection of ballots." *Compl.* at p. 16. He asks that the Court prohibit Defendants from "using any voting and tabulation machines for elections," which the law allows them to do. *Id.* He asks that the Court require Defendants to use paper ballots, "[e]njoin the Defendants and make the digitized vote tally database (Microsoft SQL) open for public inspection," require Defendants disclose applicant name and credentials, prohibit Defendants from using QR codes, "halt" Defendants' expenditure of "unapproved and unsafe equipment and software." *Id.* He also requests that the Court require Defendants "take into account and redress all elections issues that Plaintiff puts on the table, no shying away." *Id.* at p. 15.

Beadles improperly attempts to use this Court as a vehicle to direct Washoe County's elections policies. The majority of the relief he seeks is not relief available for the claims he alleges, assuming arguendo that he stated a claim on which any relief could be granted. He makes no allegation nor claim to support the relief requested above. From this alone, the Court may infer his improper purpose in filing the Complaint. *See Paciulan*, 38 F. Supp.2d 1128.

ii. Claims Against the Office of the Registrar of Voters are Unviable.

A department of a county is not a suable entity because it is not political subdivision of the State of Nevada. Wayment v. Holmes, 112 Nev. 232, 237–38, 912 P.2d 816, 819; see also Schneider v. Elko Cnty. Sheriff's Dep't, 17 F. Supp. 2d 1162, 1165 (D. Nev. 1998)(dismissing suit against a county sheriff's department for lack of capacity to be sued). A county department is "immune from suit" because it is not a suable entity. Wayment, 112 Nev. at 239, 912 P.2d at 820.

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Beadles's claims against the Registrar of Voters are not warranted by law. The Registrar of Voters is a department of Washoe County, and not a suable entity. This issue is straightforward, and Beadles was notified of the same as early as August 8, 2023. Ex. 1 at ¶2. Yet, Beadles continues to pursue a claims against the Office of the Registrar of Voters. Beadles violated Rule 11 by filing claims against the Registrar of Voters.

iii. Beadles Relies on Inapplicable Law to Pursue Criminal Liability.

Beadles's Fourth Cause of Action, citing NRS 283.440 and NRS 266.430, demands Ms. Rodriguez's removal from her appointed position as Registrar of Voters, Manager Brown's removal from his appointed position as Washoe County Manager, and Commissioner Hill's removal from her elected position as Chair of the Washoe County Board of County Commissioners.

NRS 266.430 is a criminal statute that provides for the removal of the mayor or any municipal officer of an incorporated city or town who is adjudged guilty of nonfeasance, misfeasance or malfeasance by any court of competent jurisdiction. Setting aside that a member of the public cannot pursue criminal liability, Beadles relies on clearly inapplicable law. Defendants are employed by Washoe County, not an incorporated city or town, and this is a civil action. As such, NRS 266.430 is inapplicable as a matter of law.

Relief sought under NRS 266.430 is not warranted by law, and further evidences Beadles's improper purpose in bringing the present action.

iv. Beadles's Claim Regarding Elections Petitions are Baseless.

Beadles alleges that by not acknowledging and responding to the three documents he and others submitted to Defendants complaining about election processes and contesting the 2022 election, Defendants "deprived Plaintiff to have his grievances heard as enshrined in Nev. Const. Art. 1 § 10." *Compl.* at p. 11–12. Article 1 Section 10 of the Nevada Constitution, titled "Right to assemble and to petition," provides: "The people shall have the right freely to assemble together to consult for the common good, to instruct

their representatives and to petition the Legislature for redress of Grievances." Beadles's allegations, specifically that the Washoe County Manager, Chair of the Washoe County Board of County Commissioners, and the Washoe County Registrar of Voters did not respond to his complaints, does not give rise to a claim under Article 1 Section 10 of the Nevada Constitution. Construing the Complaint broadly, there are no facts alleged that, if true, demonstrate that Defendants impeded Beadles's right to assemble, to instruct his representatives, or to petition the Legislature. The Complaint fails to state a claim for a violation of Article 1 Section 10 of the Nevada Constitution.

Next, Beadles alleges Defendants violated his rights under Article 2 Section 1A(11) of the Nevada Constitution because he has a "constitutional right to pose grievances and have them resolved "fairly, accurately and efficiently," but Defendants ignored his complaints. *Compl.* at p. 11–12. Article 2 Section 1A(11) provides that each registered voter in the State of Nevada has the right "to have complaints about elections and election contests resolved fairly, accurately and efficiently as provided by law." This provision of the Nevada Constitution is codified in NRS 293.2546(11), the Nevada Voters' Bill of Rights.

The Nevada Secretary of State is the Chief Officer for Elections in the State. NRS 293.124. As Chief Officer for Elections, the Secretary of State is responsible for the execution and enforcement of all provisions of NRS Title 24 and all other provisions of State and Federal law relating to elections in this State. *Id.* Consistent with this framework, NAC 293.025 provides, "A person who wishes to file a complaint concerning an alleged violation of any provision of title 24 of NRS must: 1. Submit the complaint in writing to the Secretary of State; and 2. Sign the complaint." In addition to submitting complaints to the Secretary of State concerning any alleged violation of NRS Title 24 (NRS Chapters 293–306), any registered voter may contest the election of a candidate by filing a Statement of Contest with the clerk of the district court. NRS 293.407.

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Nothing in Nevada law required Defendants to respond to documents that, by law, were required to be submitted to the Nevada Secretary of State or the district court. As such, these claims are not warranted by law and Beadles should be sanctioned for pursuing the same.

The Removal Action Lacks Basis in Law.

Removal "is an extreme and extraordinary measure, intended only for extreme and extraordinary occasions." *Jones v. Eighth Jud. Dist. Ct. of State*, 67 Nev. 404, 418, 219 P.2d 1055, 1062 (1950). A public officer "who refuses or neglects to perform any official act in the manner and form prescribed by law, or who is guilty of any malpractice or malfeasance in office, may be removed therefrom..." NRS 283.440(1). The officer must have substantially failed to perform their legal duties or intentionally committed a wrongful act directly related to their duties. *Id.*; *Jones*, 67 Nev. at 408, 219 P.2d at 1057; *Schumacher v. State ex rel. Furlong*, 78 Nev. 167, 172, 370 P.2d 209, 211 (1962). Where there is no official duty to act prescribed by law, there can be no removal. *See* NRS 283.440(2); *Schumacher*, 78 Nev. at 172, 370 P.2d at 211(citations omitted).

Beadles states generally, "Defendants... failed to fulfill the duties of their respective offices as alleged herein." *Compl.* at ¶91. Beadles identifies no specific duty for which Defendants individually committed malpractice nor neglect. Beadles alleges that, "By failing to address the Petitions, Defendants have each violated their oath to office, Nevada Revised Statutes and Administrative Codes, and violated the Plaintiff's constitutional rights." *Compl.* at ¶46. As set forth above, there is no specific duty requiring Defendants to respond or address any of Beadles's "petitions." NRS 293.2546(11); NAC 293.025.

Beadles also states, "Defendants have additionally failed to address, correct, or rectify the issues raised in the underlying Petitions, including but not limited to, (1) updating and resolving the voter registration lists; (2) providing proper vote counting mechanisms; (3) counting votes in secret; (4) inadequate signature verification; (5) illegal

function within the election system; (6) violations of election procedures as required under Nevada law. [Exhibit 109]." Compl. at ¶91; see also Compl. at ¶946–51.

The removal claim is not warranted by law. Beadles does not identify a specific legal duty for each of Commissioner Hill, Manager Brown, and Ms. Rodriguez. Beadles erroneously takes the position that his disagreement with Washoe County's election procedures warrants removal of public employees. This claim is presented without a legal basis and sanctions are warranted.

vi. Punitive Damages are Unavailable for State Law Claims.

Nevada law prohibits awards of punitive damages against government entities and employees. NRS 41.035(1). "An award may not include any amount as exemplary or punitive damages." *Id.*

In the present case, Beadles alleges he is entitled to punitive damages in his state law tort claims. As a matter of law, he is not. Beadles's pursuit of punitive damages in state law claims is unwarranted by law.

vii. Beadles's Relief Requests Demonstrate Frivolity.

The Court "cannot recognize a remedy absent an underlying cause of action." Badillo v. American Brands, Inc., 117 Nev. 34, 41, 16 P.3d 435, 440 (2001).

The Complaint requests unavailable relief, including invalidating provisions of the NRS, requiring Defendants use paper ballots, "[e]njoin the Defendants and make the digitized vote tally database (Microsoft SQL) open for public inspection," require Defendants disclose applicant name and credentials, prohibit Defendants from using QR codes, "halt" Defendants' expenditure of "unapproved and unsafe equipment and software." The relief request is detached from any causes of action.

Beadles's relief request is frivolous, and suggests that the Complaint was filed for an improper purpose rather than to resolve legitimate legal claims.

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E. BEADLES DISREGARDED DEFENDANTS' RULE 11 NOTICES.

Beadles was notified of his Rule 11 violations as early as August 8, 2023, in a Rule 11 letter and proposed motion for sanctions served in his first case. Ex. 1 at ¶2. Though he withdrew his federal action, he continues to pursue two identical claims in this action, the same allegations, and the same named Defendants. He was again notified of his Rule 11 violations and declined to rectify the same. Ex. 1 at ¶3.

His failure to address even the most obvious Rule 11 violations further demonstrates his improper purposes in pursuing this case. Beadles has no interest in adhering to the law or the rules of this Court. Instead, Beadles merely seeks to use the judicial system to harass Defendants and legitimize his unfounded theories.

F. SANCTIONS ARE APPROPRIATE, INCLUDING DISMISSAL, A MONETARY SANCTION, AND ATTORNEYS' FEES.

The Court may impose sanctions for violations of Rule 11. NRCP 11(c). Appropriate sanctions may include "reasonable expenses, including attorneys fees, incurred for presenting" the motion for sanctions. NRCP 11(c)(2). Nevada law further provides for attorney's fees with regard to claims "brought or maintained without reasonable ground or to harass the prevailing party," stating:

It is the intent of the Legislature that the court award attorney's fees pursuant to this paragraph and impose sanctions pursuant to Rule 11 of the Nevada Rules of Civil Procedure in all appropriate situations to punish and deter frivolous or vexatious claims and defenses because such claims and defenses overburden limited judicial resources, hinder the timely resolution of meritorious claims and increase the costs of engaging in business and providing professional services to the public.

NRS 18.010(2)(b).

A sanction "must be limited to what suffices to deter repetition of this conduct or comparable conduct by others similarly situated." NRCP 11(c)(4). "The sanction may include nonmonetary directives; an order to pay a penalty into court; or if imposed on motion and warranted for effective deterrence, an order directing payment to the movant of

part or all of the reasonable attorney's fees and other expenses directly resulting from the violation." *Id.*

The severity of the sanctions should take into account whether a filing is only frivolous or both frivolous and made for an improper purpose. *Townsend v. Holman Consulting Corp.*, 929 F.2d 1358, 1362 (1990). Where, as here, a complaint has no legal basis, an improper purpose may be inferred. *Agbabiaka v. HSBC Bank USA Nat. Ass'n*, Case No. 09-05583 JSW, 2010 WL 1609974, at *8) (N.D. Cal. Apr. 20, 2010)(quoting *Paciulan v. George*, 38 F.Supp.2d 1128, 1144 (N.D. Cal. 1999). The Ninth Circuit noted that "evidence bearing on frivolousness or non-frivolousness will often be highly probative of purpose." *Townsend*, 929 F.2d at 1362.

Nonmonetary sanctions may also be appropriate. NRCP 11(c)(4). When appropriate, a Court may dismiss an entire offending Complaint. See Rhinehart v. Stouffer, 638 F.2d 1169, 1170–71(9th Cir. 1979).

Reviewing NRCP 11's federal counterpart, the Ninth Circuit held that Rule 11(b) "explicitly applies to parties not represented by attorneys." *Warren v. Guelker*, 29 F.3d 1386, 1390 (9th Cir. 1994). Thus, a court cannot decline to impose sanctions "where a violation has arguably occurred, simply because plaintiff is proceeding pro se." *Id*.

Beadles violated Rule 11 in signing a pleading containing claims not warranted by existing law or by a nonfrivolous argument for extending, modifying, or reversing existing law or for establishing new law, for forum shopping, and for filing a complaint for improper purposes. Sanctions are appropriate, including a monetary sanction paid to the court, an award of Defendants' attorneys' fees and costs, and dismissal of this action.

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III. CONCLUSION

Beadles should be sanctioned for his chicanery, which amounts to a misuse of the judicial system in this case. The purpose of Rule 11 is to punish and deter this behavior. A court of law is an inappropriate tool to pursue harassment and relitigate debunked elections-related claims. Beadles's Complaint is disconnected from the law and from reality. The Complaint and its frivolous and unfounded claims should be dismissed, Beadles should be sanctioned, and Defendants should likewise be awarded attorneys' fees related to pursuing the instant Motion.

AFFIRMATION PURSUANT TO NRS 239B.030

The undersigned does hereby affirm that the preceding document does not contain the social security number of any person.

Dated this 11th day of September 2023.

/s/ Lindsay L. Liddell
LINDSAY L. LIDDELL
Deputy District Attorney
One South Sierra Street
Reno, NV 89501
lliddell@da.washoecounty.gov
(775) 337-5700

ATTORNEY FOR DEFENDANTS

CERTIFICATE OF SERVICE

Pursuant to NRCP 5(b), I certify that I am an employee of the Office of the District Attorney of Washoe County, over the age of 21 years and not a party to nor interested in the within action. I certify that on this date, the foregoing was electronically filed with the United States District Court. Electronic service of the foregoing document shall be made in accordance with the Master Service List as follows:

ROBERT BEADLES

Dated this 11th day September, 2023.

/s/ S. Haldeman S. Haldeman

INDEX OF EXHIBITS

2	Exhibit 1	Declaration of Suzi Haldeman
3	Exhibit 2	Rule 11 Letter
4	Exhibit 3	Beadles's Post entitled "I Just Sued Them All For You!"
5	Exhibit 4	Beadles's Post entitled "We SUED for YOU!"
6	Exhibit 5	Beadles's Post entitled "Comrade Hill-Insky"
7	Exhibit 6	Beadles's Post entitled "Over the Hill"
8	Exhibit 7	Beadles's Post entitled "Lawsuit(S) UPDATE!"
9	Exhibit 8	Declaration of Jamie Rogriguez
10	Exhibit 9	Statement of Contest of the June 14, 2022, Primary Election Pursuant to NRS § 293.407, filed in the First Jud. Dist. Ct. of
11	:	the State of Nevada in and for Carson City, case no. 22 OC 000851B
12	Exhibit 10	Order Granting Defendant Joseph Lombardo's Motion for
13	Exhibit	Summary Judgment filed in the First Jud. Dist. Ct. of the State of Nevada in and for Carson City, case no. 22 OC 000851B 6 pages
14	Exhibit 11	Order Granting Defendant Joseph Lombardo's Motion for Sanctions
15	Exmon 11	filed in the First Jud. Dist. Ct. of the State of Nevada in and for Carson City, case no. 22 OC 000851B
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Clerk of the Court
Transaction # 9879797

EXHIBIT 1

EXHIBIT 1

DECLARATION OF SUZANNE HALDEMAN

STATE OF NEVADA

COUNTY OF WASHOE

- I, Suzanne Haldeman do hereby declare, under penalty of perjury, the following:
- 1. I am a Legal Secretary for the Washoe County District Attorney's Office.
- 2. On August 8, 2023, I deposited a Rule 11 letter and proposed Motion for Sanctions regarding the Complaint filed in Second Judicial District Court case number CV23-01283, removed to the United States District Court District of Nevada, case number 3:23-cv-00382-ART-CSD in U.S. mail, and sent the same to the following email addresses: robertbeadles@protonmail.com; beadlesmail@gmail.com.
- 3. On August 16, 2023, I deposited a Rule 11 letter and proposed Motion for Sanctions regarding the Complaint filed in Second Judicial District Court case number CV23-01341 in U.S. mail and sent the same to the following email addresses: robertbeadles@protonmail.com; beadlesmail@gmail.com.

SUZANNE HALDEMAN

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EXHIBIT 2

EXHIBIT 2



One South Sierra Street Reno, Nevada 89501

775.328.3200 washoecounty.gov/da

Christopher J. Hicks
District Attorney

August 16, 2023

Via U.S. Mail:

Robert Beadles

10580 N. McCarran Blvd. #115, Apt. 386

Reno, NV 89503

Via Email:

robertbeadles@protonmail.com

beadlesmail@gmail.com

Re: Robert Beadles v. Jamie Rodriguez, et al.; Second Judicial District Court case number

CV23-01341

Dear Mr. Beadles,

Enclosed is a proposed motion for sanctions that will be filed with the Court after 21 days, as provided by NRCP 11(c), unless your new Complaint, the Motion to Request Judge Simons, 2nd Motion to Request Judge Simons, Motion to Change Venue, and Motion to Recuse Judge filed in case number CV23-01341, case are withdrawn in their entirety. The Nevada Rules of Civil Procedure, just like the Federal Rules of Civil Procedure has a Rule 11 prohibiting parties from filing for improper purposes, alleging facts without evidentiary support, and for pursuing claims without legal bases.

You filed an improper Complaint, duplicating claims in the first case you filed and then dismissed. This case was filed for improper purposes, including to needlessly increase the cost of litigation and to forum shop. As with the first case, this case was also filed for the improper purpose of harassing and vexing Commissioner Hill, Manager Brown, and Jamie Rodriguez. Each of these are improper purposes in violation of Rule 11.

As set forth in detail in the proposed Motion, your claims continue to lack basis in law and fact. Oddly, you continue to pursue claims against the Office of the Registrar of Voters, which is not a suable entity. Your removal claim fails to set forth any actual malfeasance or nonfeasance of an official duty to act. As you were previously informed, there is no obligation for any of the Defendants to respond to your "petitions." Elections-related complaints are handled by the Secretary of State, who has a duty to resolve – not necessarily respond – to those complaints. You were previously put on notice that your claims violated Rule 11. Your continued pursuit of these claims demonstrates their frivolity and your improper purpose in so filing.

Page 1 of 2



One South Sierra Street Reno, Nevada 89501

775.328.3200 washoecounty.gov/da

Christopher J. Hicks
District Attorney

Additionally, your two Motions to Request Judge Simons, the Motion to Change Venue, and the Motion to Recuse Judge are inappropriate and without legal basis. Judge and forum shopping is disfavored and sanctionable.

I again offer you an opportunity to withdraw your frivolous Complaint in its entirety before the attached Motion for Sanctions is filed in your duplicative extortionate case. I also offer you an opportunity to withdraw the Motions to Request Judge Simons, Motion to Change Venue, and the Motion to Recuse Judge. Pro se parties are not immune from Rule 11 sanctions in Nevada State Courts. NRCP 11(c)(1)("the court may impose an appropriate sanction on any...party that violated the rule or is responsible for the violation").

Sincerely,

CHRISTOPHER J. HICKS Washoe County District Attorney

By: /s/ Lindsay Liddell LINDSAY L. LIDDELL Deputy District Attorney

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EXHIBIT 3

EXHIBIT 3





Must Read & Share: Treason

Read Here

I Just Sued Them All For You!

by operationsunlight | Jul 26, 2023 | Beadles Bombs

Share This Content

UST/SUED THEM/ALLFOR YOU! 10580 N. McCarran Blvd. #115; Apt 38 Reno, NV 89503 Plaintiff Pro Se-IN THE SECOND JUDICIAL DISTRICT COURT OF THE STATE OF NEVADA IN AND FOR THE COUNTY OF WASHOE MR ROBERT BEADLES, an individual, Plaintiff, CASE NO DEPT NO. **vs.** JAMIE RODRIGUEZ: in her official capacity as Registrar of Voters and in her personal capacity, the WASHOE COUNTY REGISTRAR OF VOTERS, a government personal capacity ALEXIS HILL in her ornician capacity as CHAIRWOMAN OF WASHOE

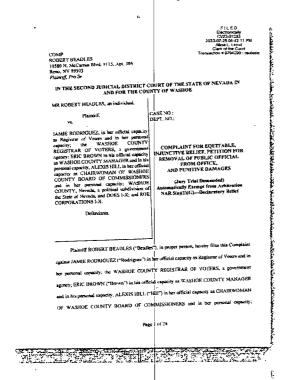
Listen, folks, I'm taking a stand, putting it all on the line to sue the County Manager, ROV, and Commissioner Chair – in both their personal and official capacities and the whole damn county itself. I'm stepping into the ring on my own. Why? Look around. Lawyers everywhere are being sanctioned and or disbarred for trying election cases. Look at John Eastman in California he's getting sidelined and blackballed for standing up in election cases. I won't let that happen to my legal team.

The majority of us – 60-80%, depending on what poll you look at – say our elections have serious issues. With this lawsuit, I show that our constitutional rights have been trampled over, our concerns unheard, and our lawful petitions thrown aside. But I'm not standing by idle. No, I'm calling them out on every front. Our voter rolls are a mess, uncertified election equipment being used willy-nilly, our votes being counted in secret, a function within our election system is flipping our votes, inadequate signature verification – which is the only real safeguard we have left to make sure our votes are counted legitimately – and damn near every election law there is has been broken.

Just wait, the hard evidence is on its way. I can't put it in the complaint, you don't present a case in a complaint, you present the evidence as the case goes forward. Know that we're dealing with hard facts here, not conspiracy theories. The outcome? That's in the hands of God. It's going to be uphill for sure. To start, I'm suing the very county we demand justice from. I may have to take this all the way to SCOTUS, and I will if I have to. But this case, it's a game-changer, and we'll see what God brings our way.

Rest assured, I wouldn't stake my name, or risk my reputation if I didn't have the proof. What I demand from the court is simple: boot these people out of office and mend our fractured, dysfunctional election system. This is a high-speed ride, folks, so hold on tight and send your prayers our way. A case like this, to my knowledge, has never been attempted. If we can expose the corruption and dysfunction here, we can expose it everywhere. Say some prayers for us all, and let's do this!

Look at the lawsuit here:



Download [840.66 KB]

Remember, I sued for you and your family, not just mine, If we can save our elections, we can save it all, and that's the truth, no matter how the corrupt press tries to spin this.

Beadles

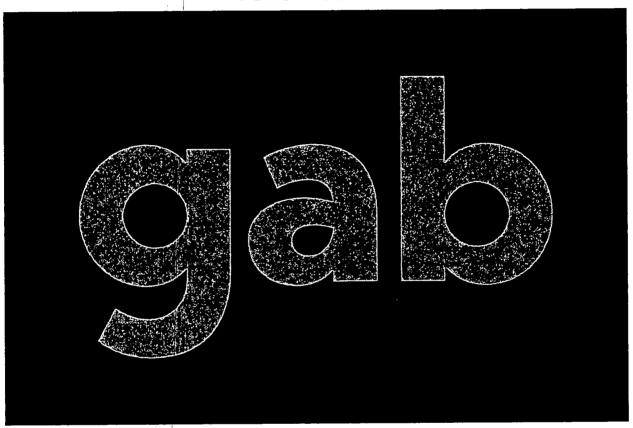
P.S.

This isn't about changing past election results; this is about ensuring our votes going forward count legitimately for all legal voters as we cast them, and the people who are failing to do their jobs for whatever reason end up in the unemployment line.

DISCLAIMER:

These thoughts, statements, and opinions are my own, not of any club, committee, organization, etc.

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EXHIBIT 4

EXHIBIT 4





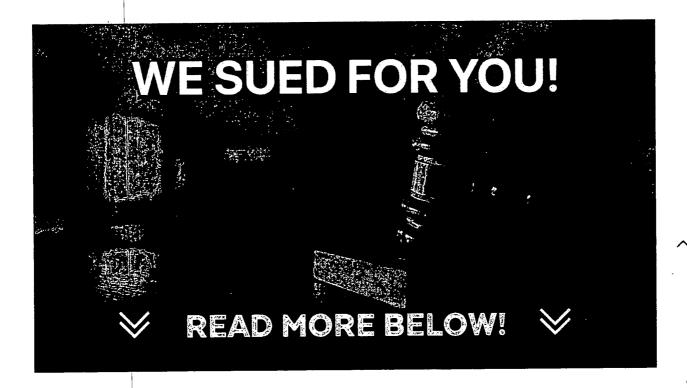
Must Read & Share: Treason

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We SUED For YOU!

by operations unlight | Jun 30, 2023 | Beadles Bombs

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This is the first of many lawsuits we're filing.

When someone cannot logically debate with you, they often resort to silencing you, for they fear the power of your words.

Here is the lawsuit:

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Case 2:23-cv-01009 Document 2 Filed 06/29/23 Pa
   COMP
   SIGAL CHATTAH, ESQ.
   Nevada Bar No.: 8264
   CHATTAH LAW GROUP
   5875 S. Rainbow Blvd #203
   Las Vegas, Nevada 89118
    Tel: (702) 360-6200
   Fax:(702) 643-6292
    Attorney for Plaintiff
    Susan Vanness Et Al
6
                        THE UNITED STATES DISTRICT COURT
7
                                DISTRICT OF NEVADA
8
    SUSAN VANNESS, an individual,
    ALEXANDREA SLACK, an individual
    MARTIN WALDMAN, an individual,
    ROBERT BEADLES, an individual
11
                                                   Case No:
                   / 17
         Page
12
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Download [262.67 KB]

Introduction:

This is the first of many lawsuits we're filing, and it's a crucial one for you and your way of life. We're taking on SB406, a messed-up law that could land you in jail for four years just for asking why an election worker isn't doing their job. Talk about a complete lack of clarity and an invitation for abuse!

The Problem with SB406:

This bill is so vague that it leaves everything up for interpretation. That means they can twist the rules however they want and silence anyone they please. The media will undoubtedly say our lawsuit is an attack on democracy, but that's just a load of BS.

Protecting our Rights:

Let's get one thing straight – we already have laws to protect people from harassment and stalking. Instead of creating new ones, why not focus on enforcing the existing ones? We can't have Grandma ending up in maximum security just for annoying the guy at the polling place who won't give her a ballot because someone already voted for her. Remember County Commissioner Jeanne Herman? Someone stole her identity and cast a vote on her behalf. When she spoke up, the election worker gave her a hard time until a witness stepped in and vouched for her. If this law had been in place, she could have ended up with a class E felony! I'm not exaggerating here; this is a serious threat to our freedom.

Our Broken Election System:

You won't believe what's been going on with our county manager, Eric Brown, aka Eric Brownstain, and the utterly incompetent, who's not competent enough to clean toilets let alone our voter rolls, Jaime Rodriguez, our registrar of voters. They finally admitted that our Washoe County election system is a total mess and needs to be torn down to the studs. And guess who's been saying this for years? You and me, my friends! What if we were silenced and thrown in jail just for speaking the truth?

Defending Free Speech and Democracy:

This unconstitutional bill is a direct attack on our First Amendment rights – our right to free speech and our right to address grievances. Don't fall for the propaganda from those commie news agencies; this is about protecting our voice and our right to vote. And let's set the record straight – we are a constitutional republic, not a democracy. If they want a democracy, they can get the hell out of the U.S.

The Fight Against Injustice:

This is just the beginning. We won't back down. We're not suing Governor Lombardo to play some political game; it's a 1983 case, and we have to follow the process. It's nothing personal. It's just how it has to be done. The same goes with Cisco Aguilar. These two must be sued in their professional capacities. So don't believe the hype or propagandists who

are saying we are trying to split the party, as that's utter B.S. One can not sue the "State" in a 1983 case, they have to sue the Governor.

Don't Let our Voice be Silenced:

This law must be defeated. We can't let them silence us. Don't buy into the propaganda from these commies; this is about protecting our right to vote and our freedom of speech. Our elections are a disaster, and it's time to exercise our rights. Anyone who harms an election worker deserves punishment, but guess what? Laws already exist for that. This bill is a twisted perversion of law under the guise of worker safety.

As Frederic Bastiat said, "When plunder becomes a way of life, men create for themselves a legal system that authorizes it and a moral code that glorifies it." We can't let this stand in America. Criminals hide behind laws like these.

Conclusion:

Not one election worker has been assaulted in Nevada, this is straight up the weaponization of our legal system our founders warned us about. It can not stand. Know, this is just the beginning of our battle against SB406. Make no mistake, we will take this all the way to SCOTUS if needed. If they do this in Nevada, they will do it everywhere. We're fighting for our rights, for the integrity of our elections, and for the freedom to speak our minds. We won't be silenced or intimidated. Our goal is to ensure that every American can exercise their right to vote without fear and to preserve the fundamental principles that make our nation strong.

This is the first of several lawsuits we are filing. Enough is enough. Next, we will be suing these so-called servants in their individual capacities. We're coming for the corrupt. We will win. I'm right again.

Beadles

P.S.

You won't believe what we just finally put all the pieces together on. Monday, we will start exposing the people who I've again been right about all along. You wanted proof, it's coming.

P.P.S.

Here's the Nevada Globe's article on our lawsuit against SB 406:

Nevada Globe	×	
@NevadaGlobe Fo	llow	
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	ainst @JosephMLombardo n Worker Protection Bill" #SB406	
intiffs: law is subjective, b defined. Conflicts with N	oroad & "election worker" is / law and #1A.	

Reply

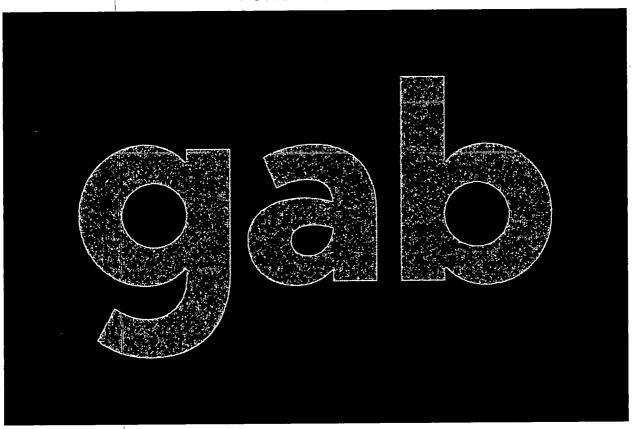
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Read 8 replies

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EXHIBIT 5

EXHIBIT 5



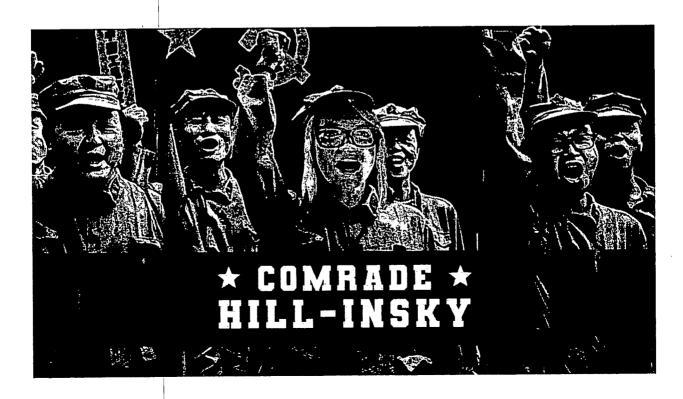


Must Read & Share: Treason

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Comrade Hill-Insky by operationsunlight | Apr 22, 2023 | Beadles Bombs

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Howdy folks, our so-called elected county commissioner, Comrade Alexis Hill-Insky, who allegedly beat beloved county commissioner Marsha Berkbigler, is showing her full-blown commie agenda.

From what we're told by Democrats and what we see here in the NRS and in the AG's OML Manual, it appears they maybe right!

Comrade Hill-Insky doesn't want us, the people, to show up and speak out against her bringing in the Soros-affiliated Elections Group.

Who is the Election Group? Here is a small taste.

Now what's interesting is this initial move to bring in the Elections Group was defeated on 3/28/23 but then we're told it was brought back illegally on 4/11/23 and then approved with the help of a vote by newly appointed County Commissioner, Andriola, who is a registered Republican but has voted in lockstep with commies Hill-Insky and Mariluz "I sometimes live within my district when I'm not banging your man too" Garcia.

Can someone remind Andriola she is supposed to vote with the Republicans, please? Maybe instead of experiencing gender delusion, she is experiencing political party delusion?

But I digress.

So why was it possibly illegal? Well...

Doing a quick search, I was able to find this:

"A motion to reconsider an item that has been voted on pursuant to NAC 385B.122: (a) Must be made during the same meeting the vote was cast for the item; and (b) May be made only by a member of the Board who voted affirmatively for the item, if the item was adopted, or negatively for the item, if the item was not adopted. 3. A motion to rescind an item specified in subsection 2 may be made at any time by a member of the Board. 4. Except as otherwise provided in this subsection, a person may address the Board for not more than 5 minutes concerning any motion under consideration by the Board."

Now, I'm not an attorney, but if that needed to happen to bring all those defeated items back on the next agenda, it sure doesn't seem like it happened to me.

What could this mean if they are right?

It could mean that Hill, Garcia, and Andriola, where they all voted to overturn the defeated items and bring back all the pork spending on the Cares Campus, bringing in the Elections Group, etc., may just be illegal, as we're being told!

If so, how does this go unaddressed?

Do they plan to sweep this under the rug like Brown Stain's BS Budget and where all the money really goes?

Now back to Comrade Hill-Insky.

At the liberal-at-best RGJ, they, as usual, throw cover for all things county or elections. This time it was for Comrade Hill-Insky, saying and I quote, "I do believe this is the right way to run a meeting – I think this is the right move for our county," then she goes on to say, "But things can always change so we'll take it one day at a time."

Full stop, so disregarding the will of the people, potentially breaking the law, is the right move for We the People?

Things can change, so we'll take it one day at a time?

Does she not know the NRS requires proper notice to We the People? She's just going to work with Eric Brown Stain and change things day by day?

This is what you would expect from a commie, hence her new name forevermore, Comrade Hill-Insky.

Now to make things worse, according to the NRS, her actively being a commie and having Soros-affiliated people show up en masse could very well be against the law.

Read the NRSs here.

NRS 203.010-119

This isn't the first time she's told people and groups to show up in opposition to us locals, either.

As you can see from the below information request, she is asking for people to show up and speak out against free and fair elections!

As you can see, Comrade Hill-Insky asked the Washoe Dems, and God only knows how many other groups to show up, don't take it from me. Read her own words for yourself.

~e	Serial	Subject	
•	. 109	Inbound Meeting links for morning/afternoon session of PIT Count (volunteer) Briefings	
•	110	Inbound Meeting links for morning/afternoon session of PIT Count (volunteer) Briefings	
-	111	The article I referenced yesterday	
	112	Re: Date for Screening and Panel of Misdemeanor Film	
	113	Data for Screening and Panel of Misdemeanor Film	
-	114	2nd Public Workshop NAC 62B and NAC 62H	
•	115	2nd Public Workshop NAC 62B and NAC 62H	
	116	Re: Action Alert! Voting Rights Under Attack in Washoe County!	
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Now I'm just giving you a taste, we'll give you much more later, but for now, this alone shows she was working with groups to bring about opposition! NOT discussion. She's supposed to be a commissioner, not an activist! If something bad happened, someone were to get hurt, someone to storm the building, it would ALL be on Comrade Hill-Insky as seen there in her own words! How is this not grounds for removal alone?

Don't worry. We have sooooo much more, in case it's not 🕲

Now we know that at that meeting, Soros-funded people showed up for \$60 an hour, according to the great Hope, as seen here in her exposing it during public comment with the fliers from the Soros-funded group.

In case you don't know why Soros is such a bad guy, listen to him here on 60 minutes say what he did to his own Jewish neighbors, with no regrets! This is his origin story, it only gets worse from here!

To digress for a second, I'm sure you know, we still have the UNDEFEATED \$80,000 challenge to prove us wrong about our broken elections. In these documents, you will also see Comrade Hill-Insky **DID NOT WIN** against beloved County Commissioner Marsha Berkbigler. We know in communist countries, elections mean little. We saw that here in 2020 in the Hill vs. Berkbigler race. But guess what...

Marsha Berkbigler is running against Comrade Hill-Insky NEXT YEAR, and this time, it's

going to be much harder for Hill-Insky to have the "help" she previously received.

Berkbigler will wipe the floor with Hill-Insky, I promise you.

Now back to breaking open meeting laws, as you know, she doesn't allow clapping either. At least when it's not in her favor. This too is apparently a violation of the NRS and Open Meeting Laws, as seen here and here.

There are also numerous court cases that say the same.

Here's one for you as well.

But commies do what commies do, so we sent the information to Assistant District
Attorney Edwards and all the County commissioners this morning in hopes they will save us from the commies.

I believe Mr. Edwards has been put in a tough spot over the years by these people and has done the best he could. Know that I have much respect for Assistant DA Nathan Edwards and hope he does right by us all. You know me, I don't butt-kiss; I just tell it the way it is. If someone does good, I'll praise them; if they do us wrong, I'll condemn them. I believe it's easier just to always tell the truth. I do respect him.

See the emails we sent here below:

From: Robert Beadles < REDACTED>

Date: Fri, Apr 21, 2023 at 10:27AM

Subject: Alexis Hill Violations

To: <nedwards@da.washoecounty.gov>

Cc: Clark, Mike E. <MEClark@washoecounty.gov>, Herman, Jeanne

<JHerman@washoecounty.gov>, Hill, Alexis <AHill@washoecounty.gov>, Garcia,

Mariluz C. <MCGarcia@washoecounty.gov>, <CAndriola@washoecounty.gov>

Good morning,

Mr. Edwards, and commissioners, it has come to our attention via several first-hand witnesses that Alexis Hill is potentially trying to incite a disturbance or potential riot, according to NRS 203.010-119.

These potential crimes go from misdemeanor to felony not to mention a violation of her oath of office.

We are told, and the witnesses are happy to testify, that she has been reaching out to numerous groups to show up to Tuesday's commissioner board meeting in support of the George Soros-linked Election Group.

Why in the world would a so-called elected official do this?

For countless reasons, I can't state how inappropriate and concerning this is. We would appreciate you addressing this ASAP.

Additionally, Alexis Hill is violating our First Amendment rights, our rights prescribed through the open meeting laws of the AG, and NRS statutes that allow clapping. There are countless court rulings and case files I can cite if needed to show she is acting as a dictator, not a chair for the commissioner.

Her actions are quite concerning, and we have over 700 people who are willing to file a class-action lawsuit against her personally and the county.

This behavior is inexcusable.

Please address these tremendous issues and get back to us ASAP.

From: Robert Beadles < REDACTED >

Date: Fri, Apr 21, 2023 at 11:45 AM Subject: Open Meeting Violation

To: <nedwards@washoecounty.gov>, <nedwards@da.washoecounty.gov>

Cc: <CAndriola@washoecounty.gov>, Garcia, Mariluz C.

<MCGarcia@washoecounty.gov>, Herman, Jeanne <JHerman@washoecounty.gov>,

Clark, Mike E. <MEClark@washoecounty.gov>, Brown, Eric P.

<EPriceBrown@washoecounty.gov>, Hill, Alexis <ahill@washoecounty.gov>

Mr. Edwards,

In addition to the previous email, it appears Eric Brown has removed opening public comment from Tuesday's meeting. This is in violation of the NRS 241 as well as the AG's Open Meeting Manual as well as many court cases that could be cited.

Please add the opening public comment back to the agenda as required by law. We also request a full investigation into every penny Eric Brown has touched of taxpayers' dollars since his time at the county.

I appreciate your attention to this, truly – we do. Please address and respond immediately. Thank you in advance.

Now, as I've mentioned before, I have numerous Democrat friends, many of whom are more conservative than some so-called Republicans, and they all tell me Comrade Hill-Insky has lost her mind and is not representing them.

Many of them believe there should be open dialogue between the people and public servants, and what Hill-Insky just did, they don't support it or Comrade Hill-Insky anymore.

So now, it's up to us to continue to keep peaceful pressure on the board, the DA, and Hill. Let's remind them all peacefully that Brown Stain needs to be fired and investigated, and Hill-Insky needs to be investigated and removed if she's breaking the law.

Obviously, Commissioner Andriola needs to vote with the Republicans. Let's see if she does this time around. If it's even allowed to be voted on! Who knows, maybe the Democrats are right, and the new votes on all the defeated items should have stayed defeated! We'll see!

On this coming Tuesday, we'll see if Hill-Insky and Brown Stain possibly break the Open Meeting Laws right in front of us all by not allowing clapping, moving opening public comment, and by even allowing a vote on the Election Group, etc., as we're told it was defeated, and her and Brown Stain bringing it back possibly wasn't legal!

I look forward to seeing you Tuesday. If you can't make it, let the County know how you feel by emailing here:

Washoe311@washoecounty.gov

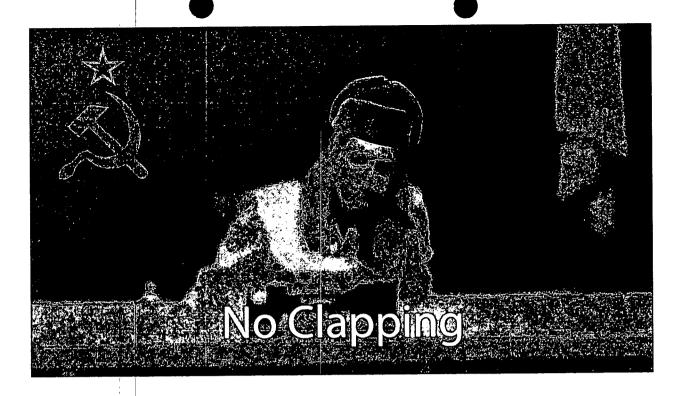
Or call and leave 3 minute or less message here:

(775) 328-2003

But both must be done by Monday at 4 pm.

One last thought, how in the world do Eric Brown Stain and Comrade Hill-Insky have the power to silence 500,000 Washoe residents? Does that seem like America to you?

It sure doesn't to me. Let's send these two packing.



Remember, no clapping once we do

Beadles

P.S.

We have so much sunlight we will be putting on these so-called public servants. You got a taste this week. If you didn't read those 6 or 7, do it now. Next week will be very revealing as well.

Sorry for the format of this post, I did it very rushed, I know it's a bit sloppy, but you deserve to know what's going on as you certainly won't get it from the local propaganda papers.

See you Tuesday!

1001 East 9th Street, Reno

9:30am until whenever

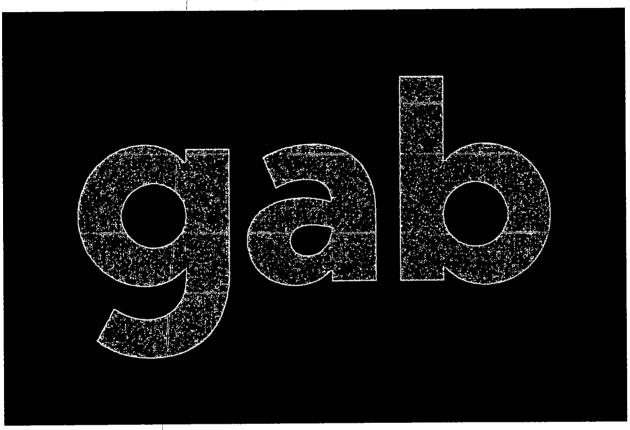
ALSO, let's support SB 405, to help clean up our elections. This is common sense stuff, anyone against it is a commie.

Let our legislators add it to the hearing and pass it.

DISCLAIMER:

These thoughts, statements, and opinions are my own, not of any club, committee, organization, etc.

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EXHIBIT 6

EXHIBIT 6





Must Read & Share: Treason

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Over The Hill

by operations unlight | Aug 14, 2023 | Beadles Bombs, Who is Alexis Hill

Share This Content



Someone recently nudged me to watch an interview featuring Commissioner Hill on "Nevada News Makers" with host Sam Chad. The buzz was that it was a must-see. They were right.

http://www.nevadanewsmakers.com/video/default.asp?showID=3857

From the onset, it felt like watching an episode from a poorly-scripted weird energy skit. Hill, with her forced smile, radiated a bizarre, totalitarian Kermit The Frog-type energy. But, as laughable as that was, it wasn't the crux of my concern.

Throughout the "interview," Sam seemed to spoon-feed Hill what looked like highly-scripted questions. But the façade cracked multiple times. For instance, Hill unashamedly mentioned her passion for "gaveling down" citizens at commissioner meetings, denying them their chance to speak. I always thought the chair of a meeting was to facilitate, not suppress?

She didn't stop there. Hill cast wide aspersions, labeling critics of Manager Eric Brown's subpar performance as racists! She unflinchingly acknowledged that she was the architect behind silencing opening public comments, supposedly for more "efficient" county business. Yet, from my perspective, these meetings often seem less about the county's citizens and more about channeling huge sums to dubious beneficiaries – possibly linked to her or other commissioners.

The icing on this distasteful cake was her proclamation about lobbyists needing to disclose their identities and affiliations with Eric Brown. Disclosure? I'm all for it. But here's the catch: Hill's remarks subtly hint that those attending the commissioner meetings might be pocketing a check. This assertion is not just absurd but insulting. Many attend these meetings, sacrificing their personal time and commitments to voice their concerns. To insinuate, they're there for monetary gain is delusional and disgraceful.

This feigned concern is even more glaring when you consider our previous revelations. Our past posts highlighted how Hill was orchestrating resistance against Vice Chair Commissioner Herman's election integrity resolution. We've got the receipts. Many who attended were being compensated \$60 an hour, with some associated or employed by organizations directly benefiting from Hill's interventions. Her people were shuttled in, fed, and facilitated by far left-leaning organizations. Where are their lobbyist badges? The audacity of accusing innocent folks while being complicit in the very act is appalling.

The interview, scripted as it might be, inadvertently cast the sunlight on the real Alexis Hill. To both Democrats and Republicans of Washoe, her true colors shone. I'm positive she is on the fast track to a resounding electoral defeat. And Marsha Berkbigler? She's primed to stomp Hill in a straight-up, fair contest at the ballots box. Don't believe me? Watch the interview. She's done.

Come Tuesday, let's rally. Peacefully speak out against Hill's attempts to muzzle public comments. Remind both Hill and Brown about Commissioner Clark and Herman's bid to restore public comments on the agenda. Let's see which commissioners vote to restore the people's First Amendment vs trample it. Let's also challenge the atrocious decision to outsource our ballots when Nevada can manage every step of our election processes inhouse and in-state. We've additionally learned that Vice Chair Commissioner Hermans' equal representation election committee proposal has been torn apart and stuffed back together with communist intentions. What was meant to ensure transparency and representation has been taken over, neutered even. Say a loud "no" to this election committee and the ballot outsourcing. Put your peaceful foot down on agenda items 13.14.15 and tell the commissioners to vote NO.

It's time for a change of leadership. I'm over the Hill, how about you?

Beadles

P.S.

Catch up on the meeting agenda for this coming Tuesday here:

https://operationsunlight.com/2023/08/11/more-outsourcing-why-we-can-do-it-ourselves

Show up this Tuesday at 9:45 am

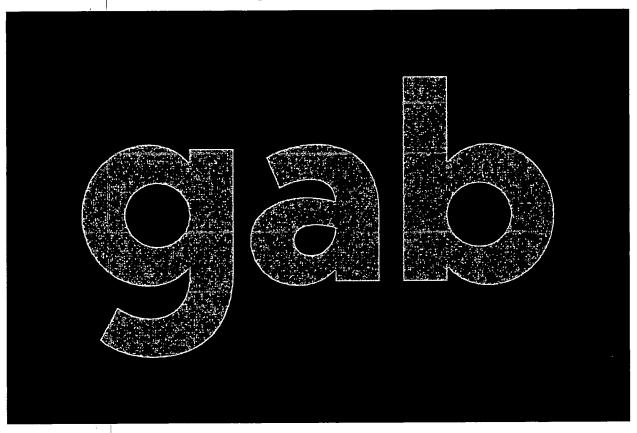
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Reno

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These thoughts, statements, and opinions are my own, not of any club, committee, organization, etc.

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EXHIBIT 7

EXHIBIT 7





Must Read & Share: Treason

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Lawsuit(S) UPDATE!

by operations unlight Aug 9, 2023 Beadles Bombs, Who is Alexis Hill, Who is Eric Brown

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No evidence, they say? Here's just the first round of evidence. Bet you didn't know a Tesla's trunk and back seat area makes a decent pickup truck bed The dog already knew; you can see her ever-confident smile a mile away.

So, I'm sure by now you have seen the County yet again use the media to try and discredit us. This latest round by the County and RGJ would make Hitler blush. People all over have told me, "Wow, you really have them scared. I've never seen such an unprofessional, unethical, unAmerican attack on a citizen. All you're doing is pointing out the elections are rigged and some people need to be removed from office." They state they can't believe the

DA's office would do something so woke and so sanctionable. I laugh as they say all this because I know it's in God's hands, and people are just showing us who they are.

We know what our eyes have seen and ears have heard. We know what the data and evidence show, and we know they are terrified of the truth getting out. We are over the target. Just as the picture depicts, that's just round one of the evidence. I would never do what I do if I didn't have the receipts. This game they are playing now is all about trying to discredit me and keep me out of court. It's not going to work.

Here's a super brief recap as to where I am in the filings:

I filed a 4-cause complaint on 7/25/23; the court had 10 days tops to issue citations to the County, the ROV, The Manager, and the Commission Chair. On day 9, the DA did what is called a Notice of Removal and kicked my case to Federal Court. I can't appeal their decision to stay in State Court by arguing the facts in State Court. I would have to do what's called a Motion to Remand in the Federal court to bring it back to State court. That could take months, even years.

So on 8/4, I filed a new lawsuit and only incorporated 2 State causes of action, with no Federal causes of action. This way, I would stay in State Court as that's where I want to be right now, and that's where remedies need to take place.

Yesterday, the RGJ, in conjunction with the County, released a draft Motion for Sanctions against me they plan to file in Federal Court, after 21 days. It's quite laughable as I didn't want to be there anyway; they sent me there! The sad part is it's not public record; it means the County shared the draft document with the media. It's NOT public record, as they stated. Another lie, and another glaring instance of the County working against We The People.

It further shows the county and media are hand in glove in trying to discredit me and keep you from the truth. They are trying to use propaganda and slander to discredit me, and us. This won't work. It's actually a sanctionable offense, and worse, but I am focused on the war and not these little battles.

Now back to the mission.

It's quite simple; I need to be in state court as the 2 main causes of action I seek are the removal of the ROV, County manager, and County Commission Chair and to expose our election issues, then correct them. Period.

Sure, I can go to Federal court afterward, but first, let's sort this County crap out and focus on our courts here, first.

So when you see me dismiss the Federal lawsuit, it's solely because I want to focus on the State Courts first. I never asked to go to Federal Court; they thrust me there and then tried to sanction me for being there. It's quite funny and all theater, hoping you don't understand what's happening. But I do.

Regardless, don't buy into the hype; the evidence and testimony will speak for itself. That's what they fear. Why else slander me? Why else try to shut me up? Why else try to keep me from court? If they are in the right, they would have no problem taking me on head to head in court; instead, they are trying everything they can to keep me out of it. You know it and I know it.

We both know it won't work. The truth is coming; remember these people, remember the RGJ, remember everything they are doing to try to prevent me from sharing the truth with all of you, in court. Watch what happens and remember where all these folks were at in this fight for our right to fair and free elections, and all the crap they talked on us about so-called conspiracies. These people are clueless; when 60-80% of America now says our elections are untrustworthy, you can plainly see who the real deniers and conspiracy theorists are.

My faith is in God and my preparations. I'm ready; we have all the evidence in the world. You give us a jury of my peers, and the truth will not be contained; they will all be exposed for what they are trying to conceal.

Remember, when the media says I dismissed the case, and they try to do some silly victory dance, that was only the Federal case I never asked for. It was their way of buying time and trying to drag this out. I brought us back to the mission and back to the expedited State timeline where we could get justice in less than a month. Watch the State case; don't fall for their BS, stay involved.

"The truth is like a lion; you don't have to defend it. Let it loose; it will defend itself."

— Augustine of Hippo

Beadles

P.S.

Stay tuned here for updates; you know you won't get the truth from the propaganda

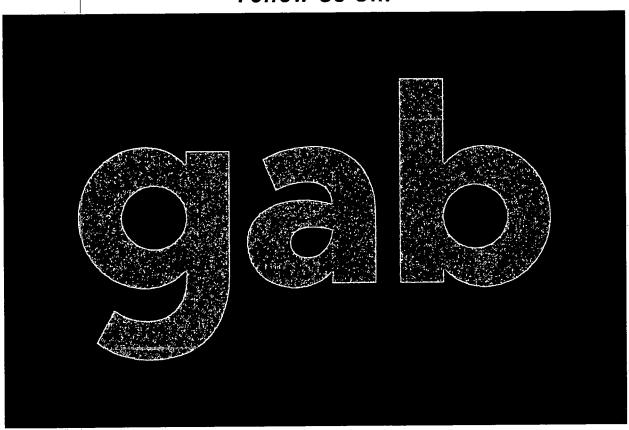
papers.

Oh, and they say my attorneys are drafting my complaints, more lies. Not one of my attorneys has drafted a single document in these cases. These people are desperate to discredition discredition discredition discredition.

DISCLAIMER:

These thoughts, statements, and opinions are my own, not of any club, committee, organization, etc.

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EXHIBIT 8

EXHIBIT 8

DECLARATION OF JAMIE RODRIGUEZ

STATE OF NEVADA

COUNTY OF WASHOE

- I, Jamie Rodriguez, do hereby declare, under penalty of perjury, the following:
- 1. I am the Registrar of Voters in Washoe County, and have been performing that role since 2022.
- 2. Robert Beadles's claims that Washoe County has "unclean and grossly inaccurate voting rolls," "unapproved and unsecure voting systems," that it "fail[ed] to train staff and election officials," there is "unequal treatment of signatures at the polls," and there is "illegal function within the election system," are false statements.

JAMIE RODRIGUEZ

. .

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Clerk of the Court
Transaction # 9879797

EXHIBIT 9

EXHIBIT 9

Telephone: (702) 382-1200 Facsimile: (702) 637-4817 MUELLER & ASSOCIATES, INC. 808 S. 7th Street, Las Vegas. Nevada 89101

CRAIG A. MUELLER, ESQ. Nevada Bar No. 4703

REC'U& FILED

MUELLER & ASSOCIATES, INC.

2022 JUL 15 PM 3: 02

808 S. 7th Street Las Vegas, NV 89101

Telephone: (702) 382-1200

AUEREY ROWLATT

Facsimile: (702) 637-4817 Email: electronicservice@craigmuellerlawebm

Attorney for Contestant Joey Gilbert

FIRST JUDICIAL DISTRICT COURT CARSON CITY, NEVADA

JOEY GILBERT, an individual,

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Plaintiffs,

Dept No.:

VS.

STEVE SISOLAK, in his official capacity as Governor of Nevada; BARBARA

CEGAVSKE, in her official capacity as Secretary of State; and JOSEPH GLORIA in his official capacity as Clark County Registrar of Voters, JAMES B. GIBSON, in his official capacity as Chairman of the CLARK

COUNTY BOARD OF COUNTY

COMMISSIONERS, and DEANNA SPIKULA in her official capacity as Washoe County Registrar of Voters and VAUGHN HARTUNG in his official capacity as Chair

of the WASHOE BOARD OF COUNTY COMMISSIONERS, and JOSEPH LOMBARDO, putative Republican

candidate for Governor of Nevada, and DOES

1-10 and ROES 1-10.

STATEMENT OF CONTEST OF THE JUNE 14, 2022, PRIMARY ELECTION PURSUANT TO NRS §293.407

HEARING DATE REQUESTED WITHIN FIVE (5) TO FOURTEEN (14) DAYS. NRS §293.413

Defendants

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COMES NOW, Contestant, Joey Gilbert, by and through his attorney CRAIG

MUELLER, ESQ. of MUELLER & ASSOCIATES, INC., and hereby files his written statement

of election contest, pursuant to NRS §293.407.

This Statement of Contest is made and based on the following Memorandum of Points

and Authorities, and any documents and exhibits which may be attached hereto, and any oral

argument this court may allow at time of hearing.

Page 1 of 27

MUELLER & ASSOCIATES, INC. 808 S. 7th Street, Las Vegas, Nevada 89101 Felephone. (702) 382-1200 Facsimile: (702) 637-4817

DATED this 15th day of July, 2022.

MUELLER & ASSOCIATES, INC.

CRAIG A. MUELLER, ESQ., Nevada Bar No. 4703 808 S. 7th Street Las Vegas, Nevada 89101 Attorney for Contestant, Joey Gilbert

I.

SUBJECT MATTER JURISDICTION

Pursuant to NRS §293.407, Contestant Joey Gilbert hereby contests the election of
Defendant Joseph Lombardo to the office of Republican Nominee for the gubernatorial
election. The court possesses proper jurisdiction of this dispute over the winner of the
primary election for the office of Republican Nominee for Governor of the State of
Nevada.

NRS §293.410 Statement of contest must not be dismissed for deficiencies of form; grounds for contest.

1. A statement of contest shall not be dismissed by any court for want of form if the grounds of contest are alleged with sufficient certainty to inform the defendant of the charges the defendant is required to meet.

The instant Contest is presented in the proper form and the grounds of Contest are alleged with sufficient certainty to inform the defendant of the charges the defendant is required to meet.

NRS §293.413 Time for filing statement of contest; precedence of election contest; referral to special master.

1. The statement of contest provided for in NRS 293.407 shall be filed with the clerk of the district court no later than 5 days after a recount is completed, and no later than 14 days after the election if no recount is demanded.

Recount in Storey County was completed on or about July 11, 2022. This Contest is timely filed.

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- 2. Mr. Gilbert was a candidate in the primary election, held on June 14, 2022, for the Republican Nominee for the General Election for Governor of the State of Nevada to be held November 8, 2022. Defendant Joseph Lombardo was declared the winner of the Primary Election and is now the putative Republican Nominee for the General Election for Governor of Nevada.
- 3. The unofficial declaration of the result of the Election and the body or board which canyassed the returns thereof in Clark County occurred on July 1, 2022. The returns of Storey County were canvassed, and the unofficial declaration of the result occurred on July 11, 2022.

Π.

PARTIES

- 4. Contestant realleges all preceding paragraphs as if fully set forth herein.
- 5. Plaintiff, Joey Gilbert is a registered voter who resides in Washoe County, Nevada. He has standing to bring this action pursuant to NRS 293.407(2).
- 6. The First Judicial District Court has jurisdiction in this matter pursuant to NRS 293.407(2), which states, "[e]xcept where the contest involves the general election for the office of governor...a candidate...who wishes to contest an election...must...file with the clerk of the district court a written statement of contest..." The Primary Election for the gubernatorial candidate is a statewide election and it is impractical to bring the same contest in each of the Counties in Nevada.
- 7. Defendant, Steve Sisolak is the Governor of Nevada and its chief executive officer. He approved Barbara Cegavske's purchase of the vote counting equipment utilized in the 2022 Nevada Primary Election.

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Defendant, Barbara Cegavske is the Secretary of State of Nevada who authorized the
purchase of the subject vote counting equipment (VCE) utilized in the 2022 Nevada
Primary Election and is responsible for overseeing the execution of repairs or software
patches and otherwise abiding by federal regulations governing the use of the subject
equipment. She caused the "Rules and Regulations for the Conduct of Primary and
General Elections Promulgated by the Secretary of State." She also oversees the county
election departments and certifies the results of elections.

- 9. Defendant, Joseph Gloria is the Registrar of Voters in Clark County, Nevada and Deanna Spikula are the Registrars of Voters in Washoe County, responsible, inter alia, for managing the respective County Elections Departments and the execution and management of elections in Clark County and Washoe County as well as implementing the mandates of Barbara Cegavske, Secretary of State of Nevada regarding the VCE.
- 10. James B. Gibson, Chairman of the Clark County Board of County Commissioners and Vaughn Hartung, Chair of the Washoe Board of County Commissioners are responsible for oversight and management of the Elections Departments in their respective counties.
- II. Joseph Lombardo is the putative Republican candidate for Governor in the November 2022 General Election.

III.

OVERVIEW

- 12. The right to vote includes not just the right to cast a legal ballot, but also the right to have it fairly counted. Article 2, Sec. 1A, (10), (11) of the Constitution of the State of Nevada as ratified by the voters of the state assures us of this right:
 - Sec. 1A. Rights of voters. Each voter who is a qualified elector under this Constitution and is registered to vote in accordance with Section 6 of this Article and the laws enacted by the Legislature pursuant thereto has the right:

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1. To receive and cast a ballot t	1.	i liliil
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- (b) Accurately records the voter's preference in the selection of candidates.
- To a uniform, statewide standard for counting and recounting all votes accurately as provided by law.
- 11. To have complaints about elections and election contests resolved fairly, accurately and efficiently as provided by law.
- 13. In this pending Contest, the results of the 2022 Primary Election for the Republican candidate for Governor erroneously indicate that Defendant. Joseph Lombardo garnered the most votes amongst the Republican candidates for the office. Based on a geometric, mathematical analysis of the votes as counted and announced by the Counties in Nevada, Contestant, Joev Gilbert disputes this alleged result.
- 14. In the election contest before this Honorable Court, the Contestant for the Republican nomination for Governor of the State of Nevada, Joey Gilbert, (hereinafter variously, "Contestant," "Joey", or "Mr. Gilbert"), an individual duly registered to vote in Washoe County, Nevada alleges not a political question, but rather a mathematical issue.
- 15 Mr. Gilbert accepts the votes as counted. However, he will prove that the result as announced is a mathematical impossibility. When the votes as counted and announced, are statistically corrected. Mr. Gilbert will demonstrate with irrefutable geometric finality that he handily won the primary election for Republican gubernatorial nominee in the June 14, 2022, Primary Election in Nevada.

IV.

CONTESTANT SETS FORTH SUFFICIENT GROUNDS FOR STATEMENT OF CONTEST AS PROVIDED IN NRS 293.410

16. Contestant realleges all preceding paragraphs as if fully set forth herein.

17. 1	his Contest is based upon NRS §293.410 sub. 2. As presented more fully, infra,
(ontestant alleges that the votes as counted and as announced produce a mathematica
a	nd geometrically impossible result. Therefore, on information and belief, that the
E	lection Boards made errors sufficient to change the result of the election as to any
p	erson who has been declared elected. NRS §293.410 (2) (d).
18, 0	ontestant alleges, that the ability to generate a geometric and mathematically imposs

18. Contestant alleges, that the ability to generate a geometric and mathematically impossible outcome by reason of the VCE used in the 2022 Nevada Primary Election is sufficient to raise reasonable doubt as to the outcome of the Election. NRS §293.410 (2) (f).

NRS §293.410 Statement of contest must not be dismissed for deficiencies of form; grounds for contest.

- 1. A statement of contest shall not be dismissed by any court for want of form if the grounds of contest are alleged with sufficient certainty to inform the defendant of the charges the defendant is required to meet.
- 2. An election may be contested upon any of the following grounds:
 - (a) That the election board or any member thereof was guilty of malfeasance.
 - (b) That a person who has been declared elected to an office was not at the time of election eligible to that office.
 - (c) That:
 - (1) Illegal or improper votes were cast and counted;
 - (2) Legal and proper votes were not counted; or
 - (3) A combination of the circumstances described in subparagraphs (1) and (2) occurred, in an amount that is equal to or greater than the margin between the contestant and the defendant, or otherwise in an amount sufficient to raise reasonable doubt as to the outcome of the election.
 - (d) That the election board, in conducting the election or in canvassing the returns, made errors sufficient to change the result of the election as to any person who has been declared elected.
 - (e) That the defendant or any person acting, either directly or indirectly, on behalf of the defendant has given, or offered to give, to any person anything of value for the purpose of manipulating or altering the outcome of the election.
 - (f) That there was a malfunction of any voting device or electronic tabulator, counting device or computer in a manner sufficient to raise reasonable doubt as to the outcome of the election. (Emphasis added.)

V.

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<u>DEFENDANTS HAVE FAILED IN THEIR DUTY</u> TO CAUSE AN ACCURATE REPORTING OF THE 2022 PRIMARY ELECTION IN NEVADA

- 19. Contestant realleges all preceding paragraphs as if fully set forth herein.
- 20. Defendants, and each of them had a legal duty to the Contestant to cause the accurate reporting of the result of the election results in the statewide Nevada 2022 Primary · Election. Defendants, and each of them, breached that duty by failing to provide a mathematical and geometrically correct result of the votes as counted and as demonstrated herein.
- 21. Contestant can prove with an irrefutable mathematical certainty that the actual vote result as counted was miscalculated, is a geometric, mathematical impossibility and that Joey Gilbert, in fact, won his party's nomination for Governor.

VI. THE ANNOUNCED 2022 PRIMARY ELECTION RESULTS ARE MATHEMATICALLY, GEOMETRICALLY IMPOSSIBLE

- 22. Contestant realleges all preceding paragraphs as if fully set forth herein.
- 23. The Election results as counted and announced are mathematically incorrect.
- 24. A mathematical analysis can determine the difference between a fair and an unfair election and where the unfair election is an election for which the results are geometrically infeasible. Contestant, Joey Gilbert will demonstrate that the vote data reporting results need to be corrected and how it needs to be corrected.
- 25. In the attached Clark County, 2022, Governor Primary Precinct Analysis ("Precinct Analysis"), we see the effect of the defective vote count on all 2022 Nevada Gubernatorial candidates. The corrected results are glaring: Joey Gilbert prevails dramatically in the Republican race over Joseph Lombardo by more than 50,000 votes.

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See, Exhibit "A", "CLARK COUNTY, 2022, GOVERNOR PRIMARY PRECINCT ANALYSIS," by Edward Solomon, dated July 13, 2022.

VII.

TO DETERMINE THE CORRECT VOTE RESULTS, CONSIDER FIRST THE AGGREGATE PERCENTAGE -- A CONCEPT THAT RELATES TWO THINGS

- 26. Contestant realleges all preceding paragraphs as if fully set forth herein.
- 27. Nevada elections provide for three modes of voting: Early Voting, Mail-in Voting and Election Day Voting; in the Governor's Race, Nevada provided a total of three significant candidates, two Republicans and one Democrat. By force of law, Republicans cannot vote in Democrat primaries, nor can Democrats vote in Republican Primaries; in mathematics we would say the set of ballots belonging to Republicans, and the set of ballots belonging to Democrats, are Disjoint Sets, that is, they do not share any ballots in common.
- 28. Let us consider only the two Republicans, Gilbert and Lombardo. Each candidate has an Early Vote (hereinafter, "EV"), a Mail-in Vote (hereinafter, "MiV"), and an Election Day Vote (hereinafter, "EDV") total in each precinct. In a fair election, we expect a strong linear correlation between Gilbert's Election Day, Mail-in and Early Vote percentages across the precincts. That is, whatever Gilbert's Election Day percentage is at a particular precinct, we expect both Gilbert's Mail-in percentage and Early Vote percentage to be roughly the same, not exactly, since that would imply causation...but roughly, which implies a strong correlation, which would be consistent with Clark County's Historical Election Results in all years prior to 2020, both in the Primaries and the General Elections.
- 29. However, this is not the case in Nevada's 2022 Republican Gubernatorial Primary. There is absolutely no correlation between Gilbert's Election Day, Early, and Mail-in

Page 8 of 27

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Percentages across the precincts. Although this observation is not proof of wrongdoing, this irregularity was probable cause to investigate the election results further.

- 30. This investigation revealed a mathematically-illegal geometric formula that governed the proportions between the Early, Mail-in and Election Day ballots across the precincts
- 31. In a fair election, if we know a candidate's Election Day percentage, x, and a candidate's Mail-in percentage, y, and the percentage of ballots cast that were Election Day ballots, z, then we can solve for that candidate's aggregate percentage share of the combined election day and mail-in vote. The equation that resolves the aggregate percentage is a simple weighted average formula. Let w be the candidate's aggregate percentage, then: w = zx + (1-z)y = (x+py)/(1+p), where p is the proportion of Mail-in to Election Day Ballots cast in the precinct. Either formula remains true whether or not an election is fair or unfair. This law is universal to any four sets of data that share no elements in common, such as the ballot totals of two candidates with two modes of voting.
- 32. However, if there is an illegal formula that allows us to solve for w, with only
 - knowledge of x and y, but without z, that is, any formula that allows us to solve for the candidate's aggregate percentage share of the combined election day and mail-in ballots,
 - knowing only the candidate's election day percentage, and
 - the candidate's mail-in percentage, and
 - without any knowledge of the proportion of Mail-in to Election Day Ballots, and
 - this formula fits all precincts in the County without any variation to such formula.

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then, by mathematical definition, this formula allows us to solve the candidate's aggregate percentage share of the ballots in each precinct with no knowledge of the proportion of Mail-in to Election Day Votes, a geometric impossibility violating the Laws Which Govern the Proportions of Elements Between Four Pairwise Disjoint Sets, all of which are geometrically derived.

VIII.

PAIRWISE DISJOINT SETS

- 33. Pairwise Disjoint Sets are defined in mathematics as any collection of sets, such that all pairings of any two sets from the collection of sets share no elements (ballots) in common.
- 34. For instance, Gilbert's Election Day, Lombardo's Election Day, Gilbert's Mail-in and Lombardo's Mail-in ballots are an example of four pairwise disjoint sets, because a registered voter may cast their ballot once, and only once, in accordance with Nevada State Law. Thus, State Law renders each candidate's Early, Mail-in and Election Day ballots mathematically disjoint.
- 35. All of the laws that govern the proportions between four disjoint sets are as follow.
 - Let A be a set containing a objects.
 - Let \mathbf{B} be a set containing b objects. 0
 - Let C be a set containing c objects; 0
 - Let \mathbf{D} be a set containing d objects. 0
 - Let x = a/(a+b); let y = c/(c+d); let w = (1-y) = d/(c+d)O
 - Let $\alpha = (a+c)/(a+c+b+cl)$; $\xi = (b+d)/(a+c)$
 - $\alpha = 1/(\xi + 1)$; $\xi = (1 \alpha)/(\alpha)$
 - Let $\lambda = (a+d)/(a+d+c+b)$; $\Gamma = (c+b)/(a+d)$

	λ =	÷1/(Γ+	·1); I	=(1	−À	$/(\lambda)$
--	-----	--------	--------	-----	----	--------------

$$\bigcirc \text{ Let } \Omega = \frac{(a+b)}{(a+b+c+d)}; \zeta = \frac{(c+d)}{(a+b)}$$

•
$$\Omega = 1/(\zeta+1); \zeta = (1-\Omega)/(\Omega)$$

From which follow the Twenty Laws, which demand that three of the above proportions

be known to resolve either two of the remaining proportions:

Then
$$x = \alpha + \zeta(\alpha - y) = (\alpha - (1 - \Omega)y)/\Omega$$

•
$$x = \lambda + \zeta(\lambda - w) = (\lambda - (1 - \Omega)w)/\Omega$$

•
$$x = (y(\lambda + \alpha) - \alpha)/(\lambda + 2y - \alpha - 1)$$

•
$$x = (1/2)((\zeta+1)(\alpha+\lambda)-\zeta)$$

Then
$$y = \alpha + (1/\zeta)(\alpha - x) = (\alpha - \Omega x)/(1-\Omega)$$

•
$$w = \lambda + (1/\zeta)(\lambda - x) = (\lambda - \Omega x)/(1 - \Omega)$$

•
$$y=(x(\lambda-\alpha-1)+\alpha)/(\lambda+\alpha-2x)$$

•
$$w = (1/2\zeta)((\zeta+1)(\lambda-a)+\zeta)$$

Then
$$\alpha = (x+\zeta y)/(\zeta+1) = \Omega x + (1-\Omega)y$$

•
$$\alpha = (\zeta(1-2w)+\lambda(\zeta+1))/(\zeta+1) = \lambda+(\zeta(1-2w))/(\zeta+1)$$

$$\alpha = (\lambda(y-x)-x(2y-1))/(1-y-x)$$

Then
$$\lambda = (x+\zeta w)/(\zeta+1) = \Omega x + (1-\Omega)w$$

$$\lambda = \frac{(2x+\zeta)}{(\zeta+1)} - \alpha$$

$$\lambda = (\alpha(1-(x+y))+x(2y-1))/(y-x) = (\alpha w+x(2y-a-1))/(y-x)$$

$$\lambda = (\zeta(2w+\alpha-1)+\alpha)/(\zeta+1)$$

Then
$$\zeta = (x-\alpha)/(\alpha-y) = (1-\Omega)/\Omega$$
; $\Omega = (y-\alpha)/(y-x) = 1/(\zeta+1)$

•
$$\zeta = (2x - (\alpha + \lambda))/(\alpha + \lambda - 1)$$

•
$$\zeta = (x-\lambda)/(\lambda-w) = (1-\Omega)/\Omega$$
 ; $\Omega = (w-\lambda)/(w-x) = 1/(\zeta+1)$

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From which follow the Forty Isometries:

- Let g = a/(a+d); let h = c/(c+b); let t = (1-h) = b/(c+b), then the proportions: $x,y,w,\lambda,\Omega,\zeta$ can be exchanged for $g,h,t,\Omega,\lambda,\Gamma$ respectively, yielding the first score of the Forty Isometries.
- Let m = a/(a+c); let n = b/(b+d); let q = (1-n) = d/(b+d), then the proportions: $x,y,w,\alpha,\Omega,\zeta$ can be exchanged for m,n,q,Ω,α,ξ respectively, yielding the second score of the Forty Isometries.
- 36. After an illegal geometric formula has been detected to alter the election results (that is, any formula that allows one to resolve any proportion on the left-hand side of the above twenty equations, or any of the Forty Isometries, without any three of the remaining proportions), a remedy is applied to restore the election results in manner that would most reflect what the results would have been without geometric interference.

IX.

RESTORATION

- 37. Contestant realleges all preceding paragraphs as if fully set forth herein.
- 38. The remedy imports the statistical trends that are expected in a fair election, that is, the Early, Mail-in and Election Percentages of a candidate should be linearly correlated and roughly equal, that, is the election day, early and mail-in percentages, when plotted for a candidate, across the precincts, should fall along the diagonal of a cube. That is, when the precincts are plotted in 3D space, the x-axis being the election day percentage, the y-axis being the mail-in percentage, the z-axis being the early percentage, of a particular candidate against any other candidate in the same race, should form an elliptical cloud (a blimp shape), whose length (major axis) runs along the straight line x=y=z.

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39: In	the instance of Clark County's Primary Elections, the Republican Gubernatorial
el	ection cannot be restored until the Sheriff's Primary has first been restored. This is
b	ecause the illegal geometric formula that was invoked to alter the proportions of ballot
C	ast between the Sheriff Candidates, also cemented the proportion of Election Day to
N	lail-in to Early Ballots east in each precinct, to which all other races, down the entire
h	allor had to be conformed.

- 40. Thus, one cannot restore any election in the 2022 Primaries, unless they first restore the Sheriff's Primary, to obtain the original proportion of Election Day to Mail-in to Early Ballots.
- 41. Since the illicit geometric formula used to alter the proportions of the Sheriff's Primary, contained Hyt's combined Early and Election Day Vote, as the first and natural input, we know that the true ratio of Early to Election Day Votes is therefore preserved in the ratio of Hyt's Early to Election Day Votes.
- 42. In a fair election, we expect that the proportion of Early Votes to Mail-in Votes to Election Day Votes, at any particular precinct, will be roughly the same for all candidates, in all races. Since Hyt's Election Day and Early Totals are preserved, we uniformly apply this ratio against the combined sum of election day and early votes in each precinct, to all candidates, in all races.
- 43. We then use a rotation matrix to restore the relationship of sheriff candidate Robert's Election Day Percentage, Mail-in Percentage, and Early Percentage, against Hyt, to the diagonal of the cube. x=y=z, whilst retaining the magnitude of the original vector from the origin to the coordinate of each precinct in this x, y, z space.
- 44. We also know that Robert's Mail-in Vote, was true and authentic in its proportion to Hyt's Election Day and Early Vote, as Robert's Mail-in Vote was the third and final

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natural input in the illegal geometric equation used to alter the ballot ratios between Hyt, Roberts and McMahill. By compelling Robert's Early and Election Day turnout of registered voters to follow the concave down parabolic trend of his authentic mail-in vote, against the total percentage of all registered voters who cast a ballot in the Sheriff's Primary, we were able to obtain the correct proportion of Mail-in to combined Early and Election Day ballots.

- 45. Furthermore, that the proportion of Robert's Early to Election Day ballots also then matched Hyt's proportion of Early to Election Day ballots, ensuring us that the restoration of Robert's Early and Election Days totals were undoubtedly accurately conformed to what they would have been without geometric interference. Thereby, we ascertain the correct proportion of Mail-in to the combined Early and Election Day Vote of all candidates, in all races, in each precinct.
- 46. The ratio of Early to Mail-in to Election Day Ballots was then applied to McMahill in the \$heriff's race and to Gilbert, Sisolak and Lombardo in the Governor's race. From here, the Governor's race can be restored without any more assistance from the Sheriff's race.
- 47. We make regular the election day, mail-in and early vote percentages, between Gilbert, sisolak and Lombardo, such that each candidate's election day, mail-in and early percentage vote percentage, against any other candidate, or pair of candidates, is roughly equal, across the precincts, via geometric translation and rotation of the abnormally distributed percentages back to the diagonal of a cube, x=y=z.
- 48. It was originally reported in the 578 precincts that were analyzed (precincts that had less than 100 total ballots cast were excluded from the analysis) that Gilbert, Sisolak and Lombardo received 28304, 105816 and 55861 ballots respectively. After the restoration, we learn that Gilbert, Sisolak and Lombardo received 83812, 62102 and 44083 ballots

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respectively. In other words, the lion's share of Gilbert's Republican ballots were drawn illegally into Sisolak's ballot totals (primarily his Mail-in Total), upsetting the proportion of Democrat to Republican ballots in all partisan primaries down the entire ballot, which reveals that Republicans cast their ballots in a two to one (2:1) proportion with Democrats in the Nevada Primaries, yet the illegal geometrically-altered data transformed the ratio of Republican to Democrat ballots cast into a Four to Five Proportion (4:5), effectively diminishing all Republican votes to 4/10 of a vote per voter.

X.

OPINION ON THE SUMMARY REPORT TITLED ARK COUNTY, 2022, GOVERNOR PRIMARY

49. Contestant realleges all preceding paragraphs as if fully set forth herein.

- 50. Dr. Oliver A. Hemmers clarifies the Precinct Analysis which demonstrates the depth of the incorrect, mathematically impossible results arising from the statewide 2022 Nevada Primary Election. See, Exhibit "B", "Opinion on the Summary report titled "Clark County, 2022 Governor Primary Precinct Analysis, by Dr. Oliver A. Hemmers, dated July 2, 2022.
- 51. Dr. Hemmers provides an explanation of the algorithm applied to restore the 2020 "Baker v. Hartung" Election in Washoe County as well as most vote count restorations, to the announced voter result in the counties in Nevada. We learn from this explanation how to measure the difference between a fair and an unfair election, where an unfair election is

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an election where the result is predetermined algorithmically-by geometrically impossible, mathematically-illegal formulae which unfairly reported the vote count in Nevada. Based on the irrefutable geometric equations of the vote as reported and successful use of restorative statistical formulae, properly applied in Nevada to the 2022 Primary Election vote count the statewide count can be reported accurately.

Dr. Hemmers, in his explanation of the Precinct Analysis, states in full:

- The paper under review [1] claims that a mathematical analysis can determine the 1) difference between a fair and an unfair election and where the unfair election is an election for which the results are predetermined algorithmically. It is assumed that causality is a valid assumption during an election where the effect cannot precede the cause, more specific that the aggregate percentage of votes for a candidate cannot precede the election day and mail-in percentages. This might seem to be a trivial assumption, but it lies at the very core of the analysis.
- In the preface of the Clark County, 2022, Governor Primary Precinct Analysis, 2) two examples are presented for a bivariate analysis [2] related to election results.
- A bivariate (Two-Variables) is described as follows [2]: The analysis of two 3) specific variables to determine the empirical relationship present between them is referred to as bivariate analysis and it is considered to be one of the simplest forms of quantitative analysis. It is of utmost help when it comes to testing simple hypotheses of association and determining the extent to which it becomes easier to predict the value of one particular variable, given [that] the value of the other variable is already known. There are three main types of bivariate analysis:
 - Scatter Plots: It makes use of dots to represent the values for two different numeric variables. In other words, it provides us with a visual idea of what pattern the variables are following.
 - b. Regression Analysis: This involves a wide range of tools that can be utilized to determine just how the data points might be related. It tends to provide us with an equation for the curve/line along with giving us the correlation coefficient.
 - c. Correlation Coefficients: This shows how one particular variable moves about with relation to another.
- In certain cases of bivariate data, one variable is said to determine or influence the 4) other one. These two types of variables are distinguished as independent and dependent variables. The former refers to a situation wherein neither of the variables is considered to be dependent on each other.[2] A simple example is the

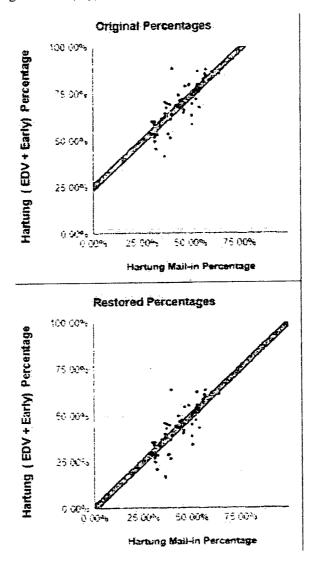
MUELLER & ASSOCIATES, INC. 808 S. 7th Street, Las Vegas. Nevada 89101 Telephone: (702) 382-1200 Facsimile: (702) 637-4817 5)

6)

relationship that exists between tecnagers reading (independent variable) and their scores in English (dependent variable). Cause -> Effect

The paper specifically uses the bivariant real number plane formular and the West vs. East paradigm to calculate the results as shown in [3,4].

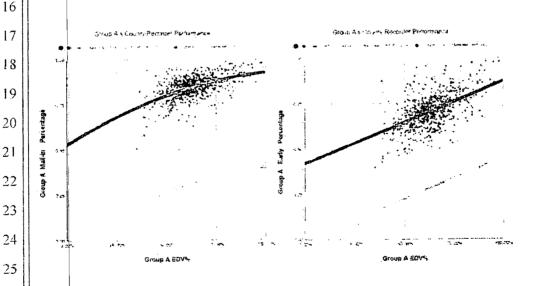
The Preface concludes with a brief explanation how the election results were successfully restored for the 2020 Election of Hartung vs. Baker [4]. The data and calculations are shown in [4]. The data can be shown in form of two graphs, one is the original data (top), and one is the restored data (bottom).



The blue dots represent the results of the individual election precincts, and the red curve is a polynomial (quartic) fit through the blue data cluster. The fact that in the top graph the red line is not ending at 0%/0% as shown in the bottom graph, means that there is a problem with the election results. (Emphasis added.) In a

fair election the sum of the Early Day and Election Day votes should produce very similar results to the Mail-in votes, meaning the x-values and the y-values should be similar (when x is 10% then y should be close to 10% as well) and not off by 25% [as demonstrated in the top graph].

- a. Even when Hartung received 0% of the Mail-in votes, he would "magically" receive 25% of the combined Election Day and Early Votes. This is impossible. Also, should Hartung receive 100% of the Election Day and Early Votes then Baker would "magically" receive 25% of the Mail-in votes (100% minus his 75% =25%). Again, this is not possible in a fair election.
- b. Even though this discrepancy is not proof of fraud nor an explanation of what type of fraud rigged the election, but it is still possible to correct the numbers and restore the true values, so as if there was a fair election. (Emphasis added.) The result is shown in the bottom picture and the calculated values can be found in [4].
- c. This method of the applied Election Restoration Algorithm has been successfully used over the past two years not only on Hartung vs. Baker but also for Maricopa, Philadelphia, Atlanta, Dallas and Tarrant, Macomb and Oakland, as well as the last federal election.
- 7) The same methods [5] that have been honed and applied to various elections over the past two years, have been applied to the Group B vs Group A candidates in the 2022 Gubernatorial Primary [6].



a. As an example, the Group A data is shown in the two figures above. The blue dots are from [6], the red curve is a polynomial fit through the blue dots and the pink line is an extrapolation of the polynomial fit using the shown equation in the graph. Both have the Election Day vote percentages on the x-

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axis. As for the y-axis, the left graph has the Mail-in percentages and the right graph the Early vote percentages. It can be seen that the y-intercepts and the polynomial spines between the two graphs are quite different. Reference [1] shows the restored positions of Group A's Election Day percentage which are virtually the same in both graphs [1].

- b. In order to be able to restore the original data it is important to identify what part of the data is authentic in order to make the corrections to the illegal data. As written in [1], the illegal equations that govern the percentages of ballots cast between Group B vs Group A, the input percentage is h (as shown on page 3 in [1]), which is equal to Group B's Mail-in vote divided by Group A's combined Early and Election Day votes. From that we know that Group A's Mail-in vote and Group A's Early and Election Day votes are authentic.
- c. Therefore, you can restore Group A's and Group B's totals and then multiply the individual vote totals of each candidate in each group by the net proportions of change between collectives of Group A and B in each precinct.

Summary

- Reference [1] and the included references therein describe how using a restoration 1) algorithm that is based on the well-established mathematical Bivariate Analysis [2] in particular the Bivariate Real Number Plane Formula [5], which has been applied numerous times over the past two years for many US county elections can also be applied to the recent 2022 Gubernatorial Primary in Nevada.
- For the mathematical restoration of the original data, it is not necessary to claim 2) fraud nor to know any specifics of the fraud.
- The applied restoration of the official election results shows a significant 3) difference between original and restored election data for all candidates reviewed.

See, Report of Dr. Oliver A. Hemmers, attached hereto and made a part hereof as Exhibit "B". Dr. Hemmers C.V. is also attached hereto and made a part hereof as Exhibit "C".

52. Based on the "Clark County, 2022, Governor Primary Precinct Analysis" and the Analysis of Dr. Oliver A. Hemmers of that analysis, Contestant, Joey Gilbert herein demands enjoinment of certification of the 2022 Primary Election results and requests a mathematical recovery of the true vote cast by the voters in Nevada, and, further, that Defendant make the electronic voting machines utilized statewide available for forensic analysis.

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XI.

THE 2022 PRIMARY ELECTION RESULTS WERE CONTRIVED.

- 53. Contestant realleges all preceding paragraphs as if fully set forth herein.
- 54. G Donald Allen states that the Clark County, 2022, Primary Precinct Analysis demonstrates clear and convincing evidence that the election results analyzed therein were not produced by accurate counting of the votes cast, but were instead artificially contrived according to a predetermined plan or algorithm. See, Declaration of Expert G. Donald Allen, attached hereto and made a part hereof as Exhibit "D", and Curriculum Vitae of Expert G. Donald Allen attached hereto and made a part hereof as Exhibit "E", Declaration of Expert Walter C. Daugherity attached hereto and made a part hereof as Exhibit "F", and Curriculum Vitae of Expert Walter C. Daugherity attached hereto and made a part hereof as Exhibit "G".
- 55. Dr. Allen states that in his expert opinion, the Primary Precinct Analysis demonstrates clear and convincing evidence that the election results analyzed in these reports were not produced by accurate counting of the votes cast, but were instead artificially contrived according to a predetermined plan or algorithm.
- 56. Dr. Allen summarizes the salient points of the Primary Precinct Analysis report by Mr. Solomon, simplifying his notation, and clarifying how relatively simple it is to manipulate election outcomes using voting algorithms. He finds that the erroneous tabulation of the vote has two parts. The first is to establish the election is incorrect, and the second is to estimate what the vote total should be. He considers the basic configuration for Candidate A and Candidate B where there are only mail-in and election-day votes. Assume the proportion of the mail-in votes for Candidate A is h.

Therefore, the proportion of mail-in votes for Candidate B is 1-h. The actual vote totals can be computed by multiplying the total number of mail-in votes. Similarly, the proportion of election day votes for Candidate A is k and the proportion of election-day votes for Candidate B is 1-k. Again, the total votes for each is obtained by multiplying by the total number of election-day votes.

Now, let M be the number of mail-in ballots and K be the number of votes on election day. Then, the proportion of votes for Candidate A is

$$\frac{hM + kK}{M + K}$$

If voting has been algorithmized by adjusting the proportion of k to a new proportion r the vote total will be the same but the net proportion can be made to whatever, say r < 0.5. it is only required to solve the equation

$$\frac{(1-h)M + (1-k)K}{M+K} = 1-r$$

for k. This is done to favor Candidate B. A similar equation is to favor Candidate A. This new value is merely programmed to change votes to obtain the desired proportion.

- 57. Programming this is remarkably simple. Going into any election, if the mail-in data is known, and a good estimate of K is known, the equation has a unique solution. If accurate poll data is known, and it generally is, then all we need is M and we can use the poll estimates to reflect the proportions and then estimate what value k should be to obtain the desired proportion r to be programmed in.
- 58. All this is for just one voting station and literally could not be detected. However, if the same or similar proportion obtains over hundreds of precincts, then error is ascertained.

 That is, plotting the values of h and k of actual election results will reveal that k seems to be constant over all voting stations or precincts.

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- 59. If there is some control over the total number of mail-in ballots, say by supplementing mail-in ballots after the election-day ballots are counted, then both h and k can be manipulated, to a value where the equation above is solved for h to determine the number of ballots that need to be added. In the absence of both proportions, then poll numbers must be used to fix h and then estimate k based on the desired proportion r.
- 60, If all mail-in ballots total are known beforehand, and if algorithms are applied as above with differing values of k, massive evidence of error can be detected by noting the proportion of votes for Candidate B generally computes to the same total proportion over the spectrum of reporting stations.
- 61. In each of these cases, the algorithmic is clear and essentially proved. While a mathematical proof is desired, we are working with field data, and therefore must be replaced with statistical proof for example as applied to forensic psychology.
- 62. Another, more complex example of algorithmic error, is absolutely clear and convincing when the computed proportions between Candidates A and B do not add up to one. These values we never see, as all reported numbers are lumped together for presentation. Even in the case of newly discovered ballots, we often see total vote proportions change as the count is reported, though this is less indicative of error.
- 63. How to estimate the votes Candidate A would have if the algorithm flaws did not occur? For this, we use a statistical argument and assume the mail-in proportions, which are assumed to be known and correct are the same as the election-day voting proportions. Alternatively, we know an established relationship between the two. From this, we can back-project to what the values of k should have been for each precinct. These in turn can be averaged in a weighted scheme (by numbers of voters) to gain the average value of k. Using the standard deviation, we estimate the range of all k values within two standard

deviations and compute the expected vote count. In this way, the number of votes lost to Candidate A can be estimated. Alternatively, precinct by precinct poll numbers could be used, thus canceling the effects of mail-in voters that are known to behave in different ways from election day voters. Such are standard methods in statistical analysis. In this particular case, they apply to the Gilbert and Sheriff's election results. Solomon uses a geometrical argument, rotating actual results to assumed slope one expectations.

64. Under all circumstances, the 2022 Primary Election results are mathematically incorrect, and can and should be restored.

XII.

THE SECRETARY OF STATE OF NEVADA AND THE REGISTRARS OF VOTERS MADE ERRORS SUFFICIENT TO CHANGE THE RESULT OF THE 2022 PRIMARY ELECTION

- 65. Contestant realleges all preceding paragraphs as if fully set forth herein.
- 66. Contestant, Joey Gilbert alleges that the State of Nevada, by and through its Governor, Steve Sisolak, Secretary of State, Barbara Cegavske, the county Election Boards and Boards of County Commission by their, and each of their failures to cause the vote count to be accurate by reason of the lack of accurate vote count equipment and application of illegal geometric and mathematical formulae, made errors sufficient to change the result of the Election. NRS §293.410(2)(d); that putative Republican gubernatorial candidate, Joseph Lombardo has been incorrectly denominated the winner of the Primary Election in that race and the result set aside in favor of Contestant Joey Gilbert.
- 67. Contestant alleges that the application of the contrived and illegal geometric formula as set forth herein allowed mathematically illegal and/or improper numbers of votes to be cast and erroneously counted, while legal and proper votes were counted improperly; that the geometric analysis of the error is irrefutable, and that a statistical application of

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standard formula will restore the vote count accurately. NRS §293.410(2)(c). Constitution of the State of Nevada, Article 2, Sec. 1A, (10), (11).

- 68. Nevada election law is to be liberally construed to the end that all voters have an opportunity to participate in elections and to cast their votes privately. See NRS §293.127. Further, the goal of Nevada election law is to ensure that the will of the voters is not defeated by any informality or by failure substantially to comply with its provisions. Id.
- 69. The Republican Primary race must not be certified.
- 70. If the Court does not determine to vacate the results of the Republican Primary Election for Governor as requested without a hearing, Contestant prays that discovery may be adduced according to statutory provisions to present a full record to the Court, and thereafter a hearing be set in order to assess the claims made herein.

XIII.

CONCLUSION

- 71. Contestant realleges all preceding paragraphs as if fully set forth herein.
- 72. The announced results of the 2022 Primary Election are not, and cannot be properly certified until mathematically corrected, the cost of which to the State is de minimis, and particularly so when it involves our most sacred Constitutional right to cast our vote and to have our vote accurately counted.
- 73. The Nevada Revised Statutes 293 et seg. and Nevada Constitution, Article 1, Section 1A, et seq. provide for an accurate count of the votes to reflect the will of the people of Nevada. Here, the mathematics are pure and incontrovertible. The report, at minimum, of the vote as tabulated is incorrect. Contestant does not allege who caused this to happen, when it happened, or how it happened---only that is HAS HAPPENED. That is

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mathematically irrefutable. There is no need to either allege or prove fraud---illicit mathematics were applied to the vote count. As a result, the election results were overwhelmingly skewed against Contestant Joey Gilbert as demonstrated by the geometry set forth herein in support of his contentions.

- 74. However---and without resorting to allegations of fraud---a manual hand count and/or a correct statistical application of the vote as announced to restore a recovered vote tabulation will prove that Mr. Gilbert actually won the Primary Election by more than 55,000 votes. He must be certified as the proper Republican Primary winner to run for Governor of Nevada in the 2022 General Election.
- 75. The announced vote count in Clark County, at minimum, is permeated with anomalies so egregious as to render the results as presented incapable of certification.
- 76. Setting aside an election in which the people have selected their candidate is a drastic remedy that should not be undertaken lightly, but should be reserved for cases in which a person challenging the election has clearly established a violation of election procedures and pure mathematics and has demonstrated by clear and convincing evidence that the errors have placed the result of the Primary Election in doubt.
- 77. Nevada law allows elections to be contested through litigation, both as a check on the integrity of the election process and as a means of ensuring the fundamental right of citizens to vote and to have their votes counted accurately.
- 78. Mr. Gilbert, Contestant herein, fully understands and appreciates the manifold bases for the judiciary to remove itself from electoral politics. But in this instance, this Honorable Court does have the final authority to address this miscarriage of justice regarding the illicit and wrongful application of illegal mathematical formulae and geometric

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equations, and to cause the recovery of the correct vote count, and must do so, to restore the confidence Nevadans in their electoral process.

Relief Requested

- In consideration of the foregoing, Contestant Joey Gilbert hereby prays for the following relief pursuant to NRS §293.417:
- That the result of the Republican Primary Election on June 14, 2022 be annulled or set aside; and,
- That certification of the Primary Election results be denied until the tabulation of the announced vote can be mathematically determined; and,
- That the illegal-geometry utilized in the count and recount of the vote be mathematically corrected and the vote mathematically restored to its corrected; or,
- That the Court set this matter for hearing not less than 5 days nor more than 10 days after the filing of the instant Statement of Contest (NRS §293.413); and,
- The Court refer this Contest to a special master with all powers necessary for a proper determination of the Contest. (NRS §293.413); and
- That Contestant be permitted to conduct discovery in the Contest. See NRS §293.415, and,
- The Court order a state-wide investigation of the existing voting program pursuant to NRS §293B.135(3); and,
- An inspection of all reports and all test material kept sealed by the clerk pursuant to NRS \$293B.155; and,
- An inspection of the logic and accuracy test ballots and the official ballots retained pursuant to NRS §293B.170.; and,

That a record, printed on paper, of each ballot voted in the 2022 Primary Election be
preserved and inspection by Contestant be provided pursuant to NRS §293B.400; and,

- An examination of the record maintained according to NRS §293.3625, and
- That Joseph Lombardo's ostensible "election" as the Republican candidate for Governor
 be set aside pending a corrected geometric application and restorative statistical analysis
 applied to the announced vote.

DATED this 15th day of July, 2022.

MUELLER & ASSOCIATES, INC.

CRAIG A. MUELLER, ESQ., Nevada Bar No. 4703

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Las Vegas, Nevada 89101

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VERIFICATION

read the foregoing STATEMENT OF CONTEST OF THE JUNE 14, 2020 PRIMARY

ELECTION PURSUANT TO N.R.S. 293.407 and know the contents thereof; that the pleading is true of my own knowledge, except for those matters therein contained stated upon information and belief, and that as to those matters, I believe them to be true.

I declare under penalty of perjury under the law of the State of Nevada that the foregoing is true and correct.

DATED this 4th day of July

2022.

JOEN GILBERT, Plaining

EXHIBIT A

EXHIBIT A

Clark County, 2022, Primary Precinct Analysis

Abstract

This paper will demonstrate how to measure the difference between a fair and an unfair election, where an unfair election is an election where the result is predetermined algorithmically.

At the very core of this article lay the assumption of Causality, that the Effect cannot precede the Cause; likewise, the Aggregate Percentage of a Candidate cannot precede the Election Day and the Mail-in Percentages of that candidate. In a fair election, the aggregate cannot be known until after all ballots are cast; in an election that is unfair, where the aggregate was predetermined, the aggregate becomes the cause and the Mail-in Vote (and/or the Election Day Vote) becomes the effect...and the laws of mathematics allow us to readily discern between which was the cause...and which was the effect.

To Paraphrase Immanuel Kant: "The causation is the thing without which, is a condition of possibility of a thing, and so it is satisfied in the thing

The aggregate is not a condition of possibility for the Mail-in vote. The Aggregate is a Concept that relates two things. People vote by mail and people vote at the polls on election day, but no one, to my knowledge, has voted by aggregate.

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Preface

Suppose at Lorraine High School, a precinct among many in a particular election, there were two candidates and two 41 methods of voting. The first method of voting would be at the polls on election day; the second mode would be remotely by mail. An unscrupulous actor has already decided that the first candidate will receive exactly 50% of Lorraine High School's vote, regardless of the first candidate's share of the vote on election day. Using a simple equivalence relationship, the malicious actor can adjust the Mail-in percentage in order to achieve a predetermined aggregate result of 50% for the first candidate.

Let us suppose that 1000 persons voted on election day at Lorraine High School, and the first candidate received 750 votes on election day, then the first candidate had 75% of the election day vote at Lorraine.

An additional 1000 persons voted by mail in the Lorraine region; thus a total of 2000 persons voted at Lorraine overall. Since the malicious actor has pre-determined the aggregate percentage to be 50%, then the first candidate will end this election with 1000 votes out of the 2000 total; thus, since the first candidate already has 750 votes, the first candidate will receive an additional 250 votes in the mail, which is 25% of the mail-in vote; such that the combined aggregate, 75% of the election day vote and 25% of the Mail-in Vote results in a 50% Aggregate for the first candidate.

Now let us suppose instead that 2000 persons voted by mail, then the total number of votes at Lorraine would be 3000, and to achieve a 50% aggregate, the first candidate must receive 1500 of those 3000 votes. The first candidate already has 750 votes, and thus they require an additional 750 votes from the mail to sum to 1500. Since 750 divided by 2000 is equal to 37.5%, the first candidate now receives 37.5% of the Mail-in Vote, such that 75% of the Election Day Vote and 37.5% of the Mail-in Vote combines to an aggregate of 50% of the aggregate vote.

We now define a simple parameter, seta, where $\zeta = \frac{Total \, number \, of \, Mail \, in \, Votes}{Total \, Number \, of \, Election \, Day \, Votes}$, which is the proportion of Mail-in Votes to Election Day Votes; we state the following law that governs the relationship between the Election Day Vote, the Mail-in Vote and the combined Aggregate vote, whether or not the election is fair or unfair:

Let M = Mail - in Percentage of the first candidate

Let E = Election Day Vote Percentage of the first candidate

Let A = Aggregate Percentage of the first candidate

$$M = A - \frac{E - A}{\zeta}$$

This Hyperbolic relationship between the modes of voting in respect to a particular candidate forms the foundation of this entire article, for it is this relationship that allows us to measure with absolute certainty whether or not an election was or was not engineered to achieve a predetermined outcome.

From an argument on social media I had with a confused citizen (paraphrased for more clarity):

Me: "If you were told that Kathy had 25% of the election day vote and 75% of the mail-in vote in a precinct, can you tell me Kathy's Aggregate Percentage?"

Confused Citizen: After much thought... "No."

Me: "You need the proportion of mail-in to election day votes. If the proportion is 1 to 1, then Kathy gets a 50% aggregate. If the proportion is 3:1 then Biden gets a (25%+3*75%)/4 Aggregate which is 62.5% of the precinct's vote."

Confused Citizen: "Right, so you're saying that there's an illegal formula that can give us the aggregate for all precincts, without the proportion of Mail-in to Election Day Votes?"

Me: "Yes. The fact that Kathy's Mail-in Percentage is a continuous function of her aggregate and election day percentage across all the precincts proves that the election has been altered from its original state... thus they had to backsolve the proportion of mail-in to election day votes."

Manifolds In Action; County Recorder Data https://docs.google.com/spreadsheets/d/1Rk0QNzNuboit7pyY1UbGlIQyl5JtLxqcnoMmQpK3Xkw/edit?usp=sharing

Preface Equation 0.1.1; The Bivariate Real Number Cubic Manifold, Candidate B vs Candidates A and C; Sheriff

Let Carididate A be Hyt; let Candidate B be McMahill; let Candidate C be Roberts.

Let A_1 , A_2 , A_3 be Hyt's Early Vote, Mail-in Vote and Election Day Vote respectively.

Let B_{1}/B_{2} B_{3} be McMahill's Early Vote, Mail-in Vote and Election Day Vote respectively.

Let C_1 , C_2 , C_3 be Robert's Early Vote, Mail-in Vote and Election Day Vote respectively.

Let
$$s_1 = B_1$$

Let
$$t_1 = C$$

Let
$$u_{i} = B_{i}$$

Let $v_1 = A_1 + A_3 + C_2$. The sum v_1 , and its summands, A_1 , A_3 , C_2 are true and authentic to the original data.

$$g_1 = \frac{s_1}{s_1 + v_1}, h_1 = \frac{u_1}{u_1 + t_1}, \alpha_1 = \frac{s_1 + u_1}{(s_1 + u_1) + (t_1 + v_1)}, \Omega_1 = \frac{s_1 + t_1}{(s_1 + t_1) + (u_1 + v_1)}, \lambda_1 = \frac{s_1 + v_1}{(s_1 + v_1) + (u_1 + v_1)}$$

$$\Gamma_1 = \frac{u_1 + t_1}{s_1 + v_1} = \frac{1 - \lambda_1}{\lambda_1}, \quad w_1 = (1 - h_1) = \frac{t_1}{u_1 + t_1}$$

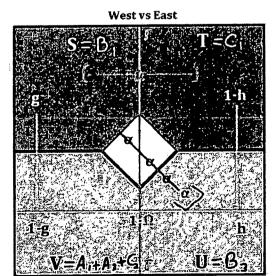
In a fair election:

$$g = \alpha + \Gamma(\alpha - h) = \frac{\alpha - (1 - \lambda)h}{\lambda} = \Omega + \Gamma(\Omega - w) = \frac{\Omega - (1 - \lambda)w}{\lambda} = \frac{(\Gamma + 1)(\Omega + \alpha) - \Gamma}{2}$$

In the above sequence of equalities, three of the five proportions must always be known to resolve g_1 , however, in Clark County we obtain the illegal cubic manifold equations that yields g_1 with only α_1 and Ω_1 (see next page).

What this means is that the total percentage of Early and Election Day ballots cast for McMahill, amongst the set of Hyt's Early and Election Day ballots, McMahill's Early and Election Day Ballots, and Robert's Early and Mail-in Ballots, was predetermined before the election. This percentage is the Red Diagonal Aggregate, $\alpha = \frac{s+u}{(s+u)+(t+v)}$, in the below image.

It also tells us that the total percentage of Early Ballots cast for McMahill and Robert's, was also predetermined before the election, amongst the same ballot set. This percentage is the North Horizontal Aggregate $\Omega = \frac{s+t}{(s+t)+(u+v)}$



The bivariate cubic equation will have g isolated on the right-hand side. In the diagram on the previous page, g is the West Side Percentage, that is the percentage share of ballots that belong to s amongst s and v, $g = \frac{s}{s+v}$, in other words, this is the share of Early ballots that McMahill shall receive against the number of Early and Election Day ballots for Nyt and Mail-in Ballots for Roberts.

Once g is illegally resolved from the cubic surface of α , Ω , both h and λ are compelled into existence, since in any election, fair or unfair:

$$g = \frac{(\Gamma+1)(\Omega+\alpha)-\Gamma}{2} \Rightarrow \Gamma = \frac{2g-\Omega-\alpha}{(\Omega+\alpha-1)}; \ h = \alpha + \Gamma^{-1}(\alpha-g); \ w = 1 - h = \frac{t}{u+t}$$

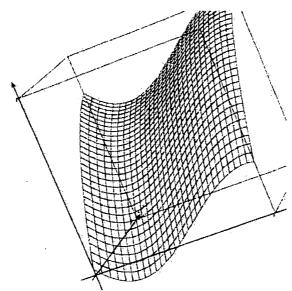
Since the proportions, g_1 , α_1 , Ω_1 are known, it forces the value of Γ_1 , which is proportion of East Side Ballots to West Side Ballots, that is $\Gamma_1 = \frac{u_1 + v_1}{s_1 + v_1}$, is now forced. Since s_1 and v_1 are both known at this stage, then so the sum of u_1 and v_1 .

Since Γ_1 , α_1 , g_1 are known, it forces the value of h_1 , which is the percentage of u_1 ballots amongst u_1 and t_1 . Since the sum of u_1 and t_1 is already known, and h_1 tells us proportion of t_1 to u_1 ballots via the identity: $\frac{t_1}{u_1} = \frac{1-h_1}{h}$, then we know the values of u_1 and t_1 . Thus, after the execution of this algorithm, McMahill's Early and Election Day totals and Robert's Early Total have been illegally calculated and are now known and used as inputs for the second equation that will follow on the next page.

The illegal bivariate cubic equation is as follows, with an $R^2 = 0.9945927405$ (image below is the 3D surface that the Clark County precincts rest upon when their α , Ω , g values are plotted in x, y, z space respectively. The residual values have a perfect normal distribution, and the residual errors come from, and only from, whether or not they rounded the illegally calculated vote totals up or down to the nearest integer.

$$g = k_0 + k_1 \Omega + k_2 \alpha + k_3 \alpha \Omega + k_4 \alpha^2 + k_5 \alpha^3$$

9 0 1	4 3	4 3		<u> </u>	
<i>k</i> ₀	k ₁	$k_2^{}$	k_3	k ₄	k ₅
0.06651190607	0.9682383708	- 1.329810827	- 0.2934501699	3.856469812	- 2.198539769



After the execution of this formula, the following values are known:

Legitimate Inputs are: A₁, A₃, C₂

Illegal Outputs are: B₁, B₃, C₁

Preface Equation 0.1.2; The Second Bivariate Real Number Cubic Manifold. Candidate B vs Candidates A and C; Sheriff

Let Candidate A be Hyt; let Candidate B be McMahill; let Candidate C be Roberts.

Let A₁, A₂, A₃ be Hyt's Early Vote, Mail-in Vote and Election Day Vote respectively.

Let B_1 , B_2 , B_3 be McMahill's Early Vote, Mail-in Vote and Election Day Vote respectively.

Let C_1 , C_2 , C_3 be Robert's Early Vote, Mail-in Vote and Election Day Vote respectively.

Let
$$s_2 = B_2$$

Let
$$t_2 = A_2$$

Let
$$u_2 = (B_1 + B_3)$$

Let
$$v_2 = (A_1 + A_3) + (C_1 + C_3)$$
.

$$g_2 = \frac{s_2}{s_2 + v_2}, h_2 = \frac{u_2}{u_2 + t_2}, \alpha_2 = \frac{s_2 + u_2}{(s_2 + u_2) + (t_2 + v_2)}, \Omega_2 = \frac{s_2 + t_2}{(s_2 + t_2) + (u_2 + v_2)}, \lambda_2 = \frac{s_2 + v_2}{(s_2 + v_2) + (u_2 + v_2)}$$

$$\Gamma_2 = \frac{u_2 + t_2}{s_2 + v_2} = \frac{1 - \lambda_2}{\lambda_2}, \quad w_2 = (1 - h_2) = \frac{t_2}{u_2 + t_2}$$

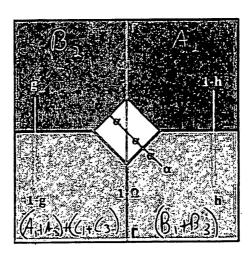
In a fair election:

$$g = \alpha + \Gamma(\alpha - h) = \frac{\alpha - (1 - \lambda)h}{\lambda} = \Omega + \Gamma(\Omega - w) = \frac{\Omega - (1 - \lambda)w}{\lambda} = \frac{(\Gamma + 1)(\Omega + \alpha) - \Gamma}{2}$$

In the above sequence of equalities, three of the five proportions must always be known to resolve g_2 , however, in Clark County we obtain the illegal cubic manifold equations that yields g_2 with only α_2 and Ω_2 (see next page).

What this means is that the total percentage of ALL ballots cast for McMahill, amongst the set of ALL ballots cast for Hyt, McMahill's Early and Election Day Ballots, and Robert's Early and Election Day Ballots, was predetermined before the election. This percentage is the Red Diagonal Aggregate, $\alpha = \frac{s+u}{(s+u)+(t+v)}$, in the below image.

It also tells us that the total percentage of Mail-in Ballots cast for McMahill and Hyt, was also predetermined before the election, amongst the same ballot set. This percentage is the North Horizontal Aggregate $\Omega = \frac{s+t}{(s+t)+(u+v)}$.



The bivariate cubic equation will have g_2 isolated on the right-hand side. In the diagram on the previous page, g_2 is the West Side Percentage, that is the percentage share of ballots that belong to s_2 amongst s_2 and v_2 , $g_2 = \frac{s_2}{s_2 + v_2}$, in other words, this is the share of Mail-in ballots that McMahill shall receive against the number of Early and Election Day ballots of both Hyt and Roberts.

Once the g_2 proportion is illegally resolved from the cubic surface of α_2 and Ω_2 , both h_2 and λ_2 are compelled into existence, since in any election, fair or unfair:

$$g = \frac{(\Gamma+1)(\Omega+\alpha)-\Gamma}{2} \Rightarrow \Gamma = \frac{2g-\Omega-\alpha}{(\Omega+\alpha-1)}; \ h = \alpha + \Gamma^{-1}(\alpha-g); \ w = 1 - h = \frac{t}{u+t}$$

Since the proportions, g_1 , α_1 , Ω_1 are known, it forces the value of Γ_1 , which is proportion of East Side Ballots to West Side Ballots, that is $\Gamma_2 = \frac{u_2 + t_2}{s_2 + v_2}$ is now forced.

Since Γ_2 , α_2 , α_2 are known, it forces the value of h_2 , which is the percentage of u_2 ballots amongst u_2 and t_2 and tells us proportion of t_2 to u_2 ballots via the identity: $\frac{t_2}{u_2} = \frac{1-h_2}{h_2}$. Since the value of u_2 is known, since u_2 and u_3 were illegally calculated in the previous equation, then the value of u_3 is therefore known, which is Hyt's Mail-in Vote.

Hence, now the sum of u_2 and v_2 is known, and the proportion of West Side to East Side Ballots is equal to $(\Gamma_2)^{-1} = \frac{s_2 + v_2}{u_2 + r_2}$, thus the of s_2 and v_2 is now known, and the value of g_2 tells us the percentage of s_2 ballots that belong to the sum $s_2 + v_2$, then we multiply that sum by g_2 to yield s_2 , and the remainder is v_2 . Since $s_2 = B_2$, we have McMahill's Mail-in Vote.

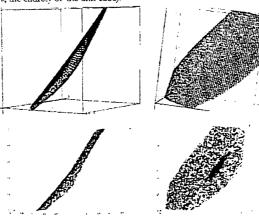
Since v_2 is known, and $v_2 = (A_1 + A_3) + (C_1 + C_3)$, and A_1 , A_3 are natural and C_1 was illegally calculated in the previous equation, we finally resolve $C_3 = v_2 - (A_1 + A_3) - C_1$, which is Robert's Election Day Vote, and now all of the precinct totals, for each candidate, in each mode of voting, is known across the entirety of Clark County, Nevada.

The illegal bivariate cubic equation is as follows, with an $R^2 = 0.9945927405$ (image below is the 3D surface that the Clark County precincts rest upon when their α , Ω , g values are plotted in x, y, z space respectively. The residual values have a perfect normal distribution, and the residual errors come from, and only from, whether or not they rounded the illegally calculated vote totals up or down to the nearest integer.

$$g = k_0 + k_1 \Omega + k_2 \alpha + k_3 \Omega^2 + k_4 \alpha^2 + k_5 \alpha^3$$

k ₀	Ì	k ₁	k ₂	k ₃	k ₄	k _s
+0.03384844658		+1.162423939	- 1.292166199	- 0.418952775	+3.545617525	- 2.903217744

In the image below is the ideal 3D surface (gray wireframe), from two perspectives. The images below them are the ideal surface in red, generated from random α , Ω coordinates, and the actual Clark County precincts in blue. They do not deviate from the red. The α , Ω , g bounds are all from 0 to 1 (that is from 0% to 100%, the entirety of the unit cube).



The next question is how we restore the election results back to their original state before they were altered.

In a fair election, according to both historical records of past elections prior to 2020, and tens of millions of simulations, the way in which people cast their ballot should not influence their choice of candidate; likewise, their choice of candidate should not influence the way in which they prefer to cast their ballot.

This implies, at particular precinct, each candidate's proportion of election day, to early, to mail-in ballots, should be roughly the same, as all other candidates, in all races. Again, this is confirmed by historical records of elections prior to 2020 and countless simulations.

Thus if Alice receives 1000 votes, 750 on Election Day and 250 in the Mail, which is a 3:1 proportion of Election Day to Mail-in Votes, then Beth, regardless of how many votes she receives overall, should have roughly 3 election day votes for each mail-in vote, in that same precinct, and so should all candidates at that precinct, in all races.

This is because it is expected that the electorate of this precinct prefers to cast their ballots by Election Day to Mail-in at a 3:1 ratio, regardless of which candidate they choose. Therefore, if Beth receives 500 votes overall, then we expect her to have 375 Election Day Votes and 125 Mail-in Votes, give or take several votes in each category (that is, highly correlated, but not causated!).

Also, if Alice receives 66% of the Election Day Vote at a particular precinct, then we also expect Alice to receive 66% of the Mail-in Vote at that precinct.

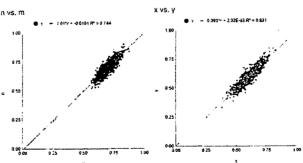
This is because that since the way in which people cast their ballots does not influence their decision, then the percentage of those that cast their ballots on Election Day for Alice, should also be roughly the same for those that cast their ballots in Mail for Alice, again, give or take a point or two (highly correlated, but not causated!).

So we may see something like (and notice that the east and west side percentages, g and h, were not mentioned, because in a fair election, even though these percentages exist, and will have pronounced quadratic correlation, the curvature of that correlation depends on the average proportion of Mail-in to Election Day ballots across the county and the difference in the mean performance of any two disjoint sets of candidates).

Opposition: Diagonal vs Diagonal

$$M = \frac{762}{762 + 297} = 75.52\%$$
 $M = \frac{377}{377119} = 74.55\%$
 $M = \frac{377}{377119} = 74.55\%$
 $M = \frac{377}{377119} = 74.55\%$
 $M = \frac{377}{377119} = 66.84\%$
 $M = \frac{762}{362 + 377} = 66.84\%$
 $M = \frac{247}{247 + 129} = 65.69\%$

Although the values of m and n are not the same, they are roughly the same. And if the values of m and n are plotted across the precincts for the entire county, they should fall inside of an ellipse, whose center exists on the line m = n and whose major axis also exists on the line m = n; likewise the same should be true for the relationship of x and y.



Please visit the following links for more information on Principal Component Analysis before you continue to the next page if you are not familiar with the topic: Ali Ghodsi, Lec 1: Principal Component Analysis

https://www.vourube.com/watch?v=v-IIb26agBFz

https://www.coutube.com/warch?v=L-pOrGm3VS8

https://www.cs.princeton.edu/picasso/mats/PCA-Tutorial-Intuition_up.pdf

With the above page in mind, we must now assess how the algorithm itself operates in the Sheriff results. We know that A_1, A_2, C_2 are legitimate inputs, that is, the proportion between A_1, A_2, C_2 must be true and authentic to the original data.

However, that is only the relative values of A_1 , A_3 , C_2 . There is undoubtedly a scale, z, which is being applied against A_1 , A_3 , C_2 . This means if we wrote A_1 , A_3 , C_2 as a vector, the orientation of this vector would remain the same in 3D space, but the magnitude itself may and shall vary from the original vector.

Although the algorithm itself is not beyond human understanding, it would be too difficult for any human to interact directly with the algorithm at a precinct level before and during the election.

Thus, we can surmise that the only human interaction with this algorithm is:

- 1. Selecting the First, Second and Third place candidates across Clark County for Sheriff.
- 2. That the turnout cannot exceed some constant percentage of the registered voters at any particular precinct.
- 3. That the total number of ballots generated must be the same as the original number of ballots cast.

The first point determines who wins and who loses...the true goal of the algorithm; the second point ensures that turnout remains below 100% of the registered voters (in a general election), or below some other percentage in a primary (low turnout); the third point ensures that the number of true ballots that are destroyed, or new ballots created, is minimized. Proper execution of the third point should also cover the second point.

The Neural Network is provided the original values of $A_{1,0}$, $A_{2,0}$, $A_{3,0}$, $B_{1,0}$, $B_{2,0}$, $B_{3,0}$, $C_{1,0}$, $C_{2,0}$, $C_{3,0}$, in each precinct, and thus knows the total sum of these ballots, Ψ_0 , in each precinct. The Neural Network then accesses its database of several billions self-learning trials on how to alter an election with three candidates and three modes, with the true first place winner, Hyr, being repurposed to last place, as the human engineer commanded.

For reasons unknown to us mere humans, the Neural Network chose an algorithm that preserves the relative values of $A_{1,0'}A_{3,0'}C_{2,0}$ and uses their sum as the baseline integer value of v_1 to yield $s_{1'}u_{1'}t_{1}$, which are the new values of $B_{1,1'}B_{3,1'}C_{1,1'}$ (which remain in decimal form) from a cubic manifold equation that allows it to manufacture and adjust the arbitrary aggregate inputs α_1 , Ω_1 on a whim, in any precinct, at any time.

It then recycles the general methodology of the first cubic, using $u_2 = B_{1,1} + B_{3,1}$ as the baseline integer input to yield s_2 , t_2 , v_2 , from which come the new values of $B_{2,1}$, $A_{2,1}$, $C_{3,1}$, which also remains in decimal form. From this second cubic the algorithm now has two additional aggregate inputs, α_2 , Ω_2 , which it can alter, in any precinct, at any time.

The total sum of the new ballots $\Psi_1 = A_{1,0}$, $A_{3,0}$, $C_{2,0} + (B_{1,1}, B_{3,1}, C_{1,1}) + (B_{2,1}, A_{2,1}, C_{3,1})$ is then determined, from which the scale $z = \frac{\Psi_0}{\Psi_1}$, is now applied across $(A_{1,0}, A_{3,0}, C_{2,0})$, $(B_{1,1}, B_{3,1}, C_{1,1})$, $(B_{2,1}, A_{2,1}, C_{3,1})$, and rounded up or down to the nearest integer, using the standard rules of rounding (as in Excel), since numerous tests have confirmed that no rounding preference (a floor, or ceiling) had ever been applied to any vote total in this election.

The scaling action preserves the relative values of $(A_{1,0}, A_{3,0}, C_{2,0})$ amongst themselves, and ensures that the total sum of scaled and rounded ballots does not exceed \pm 9 from the original total (\pm 1 per each vote total, of which there are nine), and, since no preference is given, the average difference between the true sum of the ballots, and the resulting sum of the ballots, is zero, minimizing the number of existing ballots to be destroyed (and new ballots to be created).

The number of Election Day, Early, and Mail-in Ballots, that must be discarded and injected (exchanged), in order to enforce the new proportion of Election Day, to Early to Mail-in Ballots, it then optimized (minimized) by adjusting the values of α_1 , α_2 and α_2 in each precinct based on each precinct's needs to minimize such an exchange of ballot modes, without upsetting the countywide order in which the candidates are to win (that is, so long as the intended winner, McMahill, receives the most votes in the County, with a sufficient county-wide percentage margin to prohibit an automatic recount, and that Roberts receives more votes than Hyt, then the Neural Network has achieved its task of altering the election, without blowing the number of registered voters, or hardset turnout conditions, and minimizing the number of ballots that are created and destroyed and whose modes are exchanged, across the precincts, and therefore across the entire County).

Gradient descent, how neural networks learn | Chapter 2, Deep learning

https://www.vourube.com/watch?v=H1ZwWFH!Wa-w

https: Ten.wikioedia.org/wiki/AlphaZero

https://www.dcepmind.com/blog/alphastar-mastering-the-real-time-strategy-game-stareraft-ii

https://corporatefinanceinstitute.com/resources/knowledge/economics/nash-equilibrium-game-theory/

http://neuralnetworksanddeeplearning.com/chap1.html

How Elections are Restored; Examples from 2020; Hartung vs Baker and Stavros vs Miller

The following Four Pages are an excerpt from a prior article on this subject concerning the 2020 election results of Hartung vs Baker and Stavors vs Miller and the 2004 results of Bush vs Kerry.

I will provide the reader with a brief explanation of how Election Results are restored, and examples of fair elections in Clark and Washoe Counties in 2008,2012,2016 and the altered election of 2004 (in Bush's favor). We will start with an easy race to restore (most of them follow this procedure) where the Republican Flartung (the intended winner of the algorithm) was given an unfair advantage to secure their election against Democrat challenger Baker for the County Commissioner 4 seat.

Hartung was put in a stellar position by the algorithm. The first graph (top left) reads that even if Mr. Hartung received 0% of the Mail-in Vote, be would magically receive 25% of the combined Election Day and Early Vote.

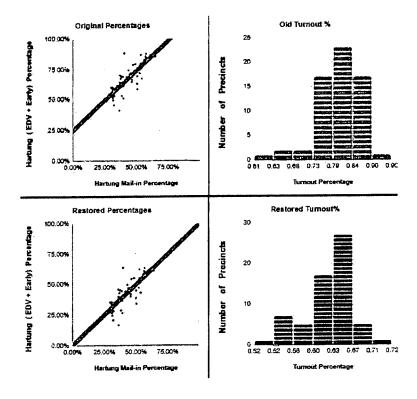
At the same time, in order to keep Ms. Baker ahead of Hartung in the Mail (the maintain the facade that Democrats overperformed in the Mail), they made it that if M.r. Hartung got 100% of the Early (+EDV) vote, Ms. Baker would magically receive 25% of the Mail-in Vote (since he gets 75% in the Mail, which is the x-axis).

Although this observation is not proof of election fraud, after fraud is proven (via the formula used to rig the election) it is through this observation that we can then proceed to restore the election to its rightful state.

In a fair election, we expect a candidate that received 10% of the Election Day Vote to get roughly 10% of the Mail-in Vote; likewise if they get 90% of the Election Day Vote, we expect them to get 90% of the Mail-in Vote. Even if Democrats prefer to vote by mail, that should reflect in both percentages across the precincts, not just one of them. In other words, if we plot the election day and mail-in percentages against each other across the precincts. they should array themselves across a 45 degree angle of y = x.

To restore this election (go to County Com4; Baker) page in the spreadsheet link on the following page) we first remove the positive intercept from the Winner of the election, plotting the dominant method of voting on they-axis.

We then take the angle of the linear regression, find the difference from 45 degrees, and then execute a rotation matrix to bring the precinct percentages back to the line y = x. The manner in which the election is rigged determines how the candidate vote totals (integers) are restaled. Since every election that was altered was done via the West vs East paradigm (you will learn more about this paradigm shortly in Chapter I), we know that Hartung's Mail-in Vote and Baker's EDV+Early Vote are true and authentic (they were used as natural inputs to alter Hartung's Early Vote and Baker's Mail-in Vote, which are the outputs).



2020 Election Restoration Algorithm, Hartung es Baker

This is the algorithm to restore the Baker-Hartung Election and applies to most restorations, including for counties in other States, such as Maricopa, Philadelphia (PA), Atlanta (GA), Dallas and Tarrant (TX), Macomb and Oakland (MI).

https://docs.google.com/spreadsheets/d/tygzGhTkMq1GkIbNiju-fmKJFFTON-O569ec6LwZVaRe/edir?uso=sharing

Restored Washoe Elections

Let P be the ser of 63 precincts that were analyzed.

Let $a_{i,0}$ be Hartung's recorded Mail-in Vote in each precinct.

Let b₁₀ be Baker's recorded Mail-in Vote in each precinct.

Let c₁₀ be Harrung's recorded Election Day + Early Vote e in each precinct.

Let die be Baker's recorded Election Day + Early Vote in each precinct.

Let $x_{i,0}$ be Hartung's recorded Mail-in Percentage in each precinct, $x_{i,0} = \frac{a_{i,0}}{a_{i,0} + b_{i,0}}$

Let $y_{i,0}$ be Hartung's recorded EDV+Early in each precinct, $y_{i,0} = \frac{c_{i,0}}{c_{i,0}+d_{i,0}}$.

Let m be the slope of the linear regression of x vs y; m = 0.9779.

Let b be the intercept of the linear regression of x vs y; b = + 0.2497

Let $\theta = arctan(m)$; $\theta = 0.7742322822$ radians

Let $\phi = \frac{\pi}{4} - \theta$; $\phi = 0.01116588115 \ radians$

Let $n_1 = \cos \phi$; $n_1 = 0.9999376622$

Let $n_2 = \sin \phi$; $n_2 = 0.01116564913$

Let $\tau_i = y_{i,0} + b$ for all precincts.

Let $X_{i,1}$ be Hartungs's Restored Mail-in Percentage in each precinct,

 $x_{i,1} = n_1 x_{i,0} - n_2 \tau_i$

Let $y_{i,1}$ be Hartung's Restored EDV+Early Percentage in each precinct

 $y_{i,1} = n_2 x_{i,0} + n_1 \tau_i$

Let $a_{i,1}$ be Hartung's intercessory Mail-in Vote in each precinct, $a_{i,1} = ROUND[(x_{i,1})(a_{i,0} + b_{i,0})]$

Let $b_{i,1}$ be Baker's intercessory Mail-in Vote in each precinct, $b_{i,1} = (a_{i,0} + b_{i,0}) - a_{i,1}$

Let $c_{i,1}^{(i)}$ be Hartung's intercessory EDV+Early in each precinct, $c_{i,1} = ROUND[(y_{i,1})(c_{i,0} + d_{i,0})]$

Let $d_{i,1}$ be Baker's intercessory EDV+Early in each precinct, $d_{i,1} = (c_{i,0} + d_{i,0}) - c_{i,1}$

Let $u_{i,1}$ be the Hartung's West Side Scale, $u_{i,1} = \frac{a_{i,0}}{a_{i,1}}$, since $a_{i,0}$ is authentic.

Let $v_{i,1}$ be the Bakers East Side Scale, $v_{i,1} = \frac{d_{i,0}}{d_{i,1}}$, since $d_{i,0}$ is authentic.

Let $b_{i,2}$ be Baker's restored Mail-in vote each precinct, $b_{i,2} = (u_{i,1})(b_{i,1})$. Let $c_{i,2}$ be Hartung's restored EDV+Early Vote in each precinct, $c_{i,2} = (v_{i,1})(c_{i,1})$.

We now recalculate Hartung vs Baker using the integers $a_{i,2}, b_{i,0}, c_{i,0}, d_{i,2}$

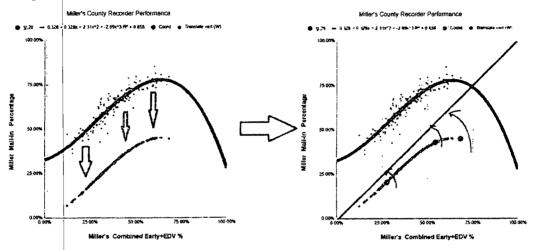
2020 Election Restoration Algorithm, Miller vs Stavros

As for Miller vs Stavros, restoring Nevada's Election is not a simple procedure of translation and rotation, this is because the Z complex formula introduced an intense quartic curvature to the Early+EDV Percentage vs the Mail-in Percentage. When an election is altered via the East vs West paradigm, it introduces strong quartic curvature into the North vs South paradigms (North vs South would be Early Vote vs Mail-in Vote in 2020, and Election Day Vote vs Early Vote in previous elections, as those were the dominant and natural forms of voting).

The reason quartic curvature is transferred into the North vs South Arrangement is because quartic curvature naturally occurs in the East vs West Arrangement in a fair election. In a fair election, the North and South percentages form a cloud that can be well approximated by a plane and the East and West percentages form a quartic spiral; however, when the election is altered via the West vs East paradigm, the quartic spiral appears in the traditional North vs South Percentages, and the East vs West percentages assume the plane relationship instead.

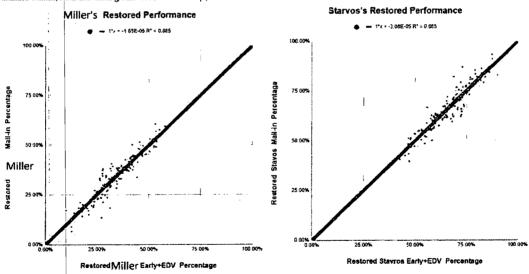
Because of this, we first subtract the y-intercept of the winner (as we did previously), and then record the difference of the Mail-in Percentage from the quartic polynomial spine.

We then do a dynamic rotation of each coordinate along the precinct interpolation of the quartic spine to bring it back to the line y = x and then add back the original residual distances. We then subtract the new values from 100% to see it from Stavtos's Perspective.

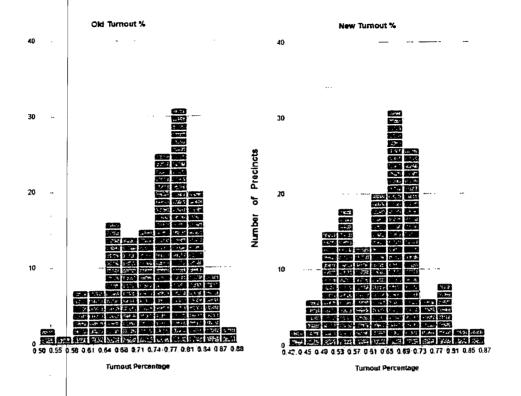


We then apply the algorithm on the above page to restore and rescale the integers, knowing that Stavros's Mail-in Vote and Miller's Early Vote+EDV vote are authentic.

Miller replaces Hartung as the Intended Winner and the Mail-in Vote is placed on the y-axis instead, as it was the dominant form of voting in this race. Notice that in both elections, the intended Winners, Miller and Hartung, start with a +25% intercept, which seems to be the norm in all of Nevada's altered elections, federal, state and local.







The results show that although Stavros's totals remained close to 75,000 before and after the restoration, Miller's ballot count was inflated from 44715 to 75446.

musica nom 44/12 to 1	5 , , , ,					
Original	County Recorder	Restrict	Réstored	Savras	建	Margar
Storal EDA:+Early X	82086 209	Total EDV Harly	91152	是了20個個共產黨	75313	-133
V. Potal Niv. 4.	21.6867515	Total MiV	37942	京等 Resided 图景	84379	39664
Success LDV+Larly	502905	Stavros EDV+Fairly	51 59356 (1)			
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	Mark W.	Cubic Restore	Miller View			
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4.8 10 10 10 10 10 10	上 心 追	b3	-2.69332122	Pliantom 25 Cat	∵20:38% ₹	30731
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Qriginal	62.31%	Phi Range	+5.50	Miller MiV Phantom "#	70.40%	
Restored.	.* 55.98% 👸	In Degrees	+15.28	Say EDV Phantoin "V	00.00%	100 00%
Original Turnout	74.08%	*		Restored Stav Early		15.57%
Restored Turnout	# 63/43%	property and the second	And the control of the state of the control controls.	Restored Miler MIV	DIV by Adj A	70.17%

Equation 5.1.1e; The Cubic Exactitude of Miller vs Stavros. 2020, County Commissioner, Clark County

This particular local election is unique even amongst the other aftered elections in Clark and Washoe Counties. I had no knowledge of the tightness of this race (15 rotes) nor the prior court ruling and proceedings concerning this election. It caught my eye because it had the highest R^2 value of all election when the regression of $\alpha = k_1g + k_2h + k_3$ was run.

Without removing a single outhing precinct the R^2 of the above plane regression was 0.998, and even strunger, it the residuals of the expected value of and the actual value of a were affine (see the image below, where the residuals have a slope). Intrigued by this observation, I decided to actually view the election result and was astounded by the shallow margin of victory for the Democrat Candidate. A google search concerning this race revealed that there were even legal proceedings about it. https://www.8newsnow.com/news/local-news/nevada-supreme-court-upholds-millers-election-win-over-stavros-anthons/



It turns out that someone (or something, such a neural network) took direct control of this election and warped the originally rigged flat plane via a cubic, and ignored the election day vote and registered voters entirely from the calculation, acting only the Early and Mail-in Vote.

Let a be Starvors's Early Vote at a particular precinct.

Let b be Miller's Early Vote at a particular precinct.

Let c be Starvor's Mail-in Vote at a particular precinct.

Let d be Miller's Mail-in Vote at a particular precinct.

Let
$$h = \frac{c}{c+b}$$
, let $\alpha = \frac{a+c}{(a+c)+(b+d)}$, let $g = \frac{a}{a+d}$,

$$0 = k_{5}g^{3} + g^{2}(k_{5} + k_{5}h) + g(k_{1} + k_{3}h) + (k_{0} + k_{4}h^{2} + k_{7}h^{3} - \alpha), \text{ which is a general cubic in the form:}$$

 $0 = Ag^3 + Bg^2 + Cg + D$, for this race we take the first principle root of the Cubic Equation.

k0	0.03011967441	14 5Kg	0.2314017714
k1	0.8193824172	k5	1.006207413
k2 _.	-0.9499398397	£ 1 k6 %	-1.094817236
k3	1.064030566	k7.	-0.1217901096

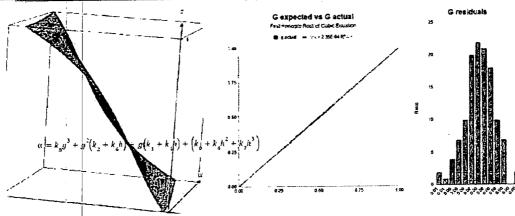
We shall use this closed form Cubic Equation Calculator using the Cardano and Vieta Method from the 16th Century:

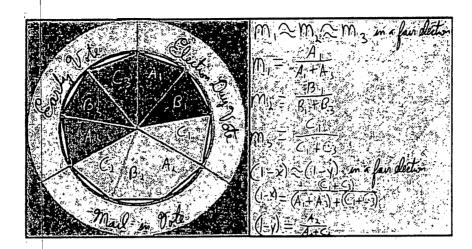
Cubic Equation Calculator, Complex Miller vs Stavros

https://docs.google.com/spreadsheets/d/luMvyENAnT4ovBUu4cvBPo7lcifuvO6M5Ulopeh2uPdo/edicrusp=sharing

https://docs.google.com/spreadshects/d-fiel.hOzanOUcmpt7XTz01DoLsLiXt3vN/lw-79_PBCOsw_edit2usp=sharing

Type $y=0.03011967441+0.8193824172z-0.9499398397z^2+1.064030566zx+0.2314017714x^2+1.006207413z^3-1.094817236xz^2-0.1217901096x^3$ into this link https://c3dlibretexts.org/CalcPlut317/index.html</u>. Select "add to graph" and choose the "<math>y=f(x,z)" function.





Preface Restoration Algorithm 0.1.3: Restoring the Sheriff Election

https://docs.google.com/spreadsheets/d/1GEUp7LV7zp22Ir4v19xFpn3lukG2ZEYIUm28-5gHBB8/edit/usp=sharing

2022, Sheriff Restoration, Clark County, Nevada

Since we know that the relative proportion of A_1 : A_3 is true and authentic to the original election results, across the precincts, then we know the expected proportion of Early to Election Day Ballots for all candidates, in all races. Thus, we know the expected proportion of B_1 to B_3 , which is McMahill's Early to Election Day ratio, in each precinct, and C_1 to C_3 , which is Robert's Early to Election Day ratio, in each precinct.

We shall call $\frac{A_{1,i}}{A_{1,i}+A_{3,i}}=m_{1,1,i}$ where i is the precinct number index.

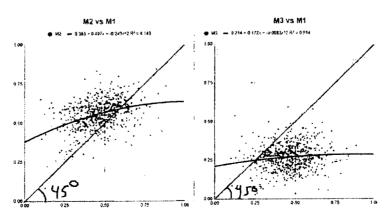
We shall call $\frac{B_{1,i}}{B_{1,i}+B_{3,i}}=m_{2,1,i}$ where *i* is the precinct number index.

We shall call $\frac{c_{1,i}}{c_{1,i}+c_{3,i}}=m_{3,1,i}$ where i is the precinct number index.

We now obtain the quadratic regression of $m_{2,1,i}$ and $m_{3,1,i}$ in respect to $m_{1,2,i}$

In fair a election, the regression should be strong and strictly linear in the form of $m_3 = k_0 + k_1 m_1$, with $k_0 \approx 0$ and $k_1 \approx 1$, and a small residual spread; however, the cubic manifold's manipulation of the vote totals turned this into a curved quadratic relationship, with a

For Clark Country
$$\overline{m_{2,1,i}} = 0.383 + 0.497 m_{1,1,i} - 0.243 \left(m_{1,1,i}\right)^2$$
; $\overline{m_{3,1,i}} = 0.214 + 0.172 m_{1,1,i} - 0.0983 \left(m_{1,1,i}\right)^2$



We now write the 3D parametric line that passes through the cloud of precincts when m_1 , m_2 and m_3 are plotted in 3D space, and record the residual values of m_2 and m_3 .

$$u_{0,t}^{1} = t; \quad v_{0,t}^{1} = 0.383 + 0.497t - 0.243t^{2}; \quad w_{0,t}^{1} = 0.214 + 0.172t - 0.0983t^{2}$$

We first subtract the intercepts from all $v_{0,i}$ and $w_{0,i}$ with the following vector difference:

$$\forall i: \left(u_{0,i}, v_{1,i}, w_{1,i}\right) = \left(u_{0,i}, v_{0,i}, w_{0,i}\right) - (0, 0.383, 0.214)$$

We now rotate each $u_{0,l}, v_{1,l}, w_{1,l}$ coordinate on this 3D quadratic line to the straight line diagonal of u = v = w, while preserving the magnitude of the rotated coordinate.

To do this we set
$$heta_{1,i}=Arctanrac{v_{1,i}}{u_{0,i}}$$
 and then set $heta_{2,i}=rac{\pi}{4}- heta_{1,i}$, and execute a rotation matrix on

 $u_{0,i'}v_{1,i'}w_{1,i}$ that first rotates $u_{0,i'}v_{1,i}$ by $\theta_{2,i}$, which produces the coordinate $u_{1,i'}v_{2,i'}w_{1,i}$, such that u=v.

Now set
$$\Phi_{1,i} = Arctan \frac{w_{1,i}}{u_{1,i}}$$
 and $\Phi_{2,i} = \frac{\pi}{4} - \Phi_{1,i}$ and then rotate $u_{1,i}, w_{1,i}$ by $\Phi_{2,i}$ to yield $u_{2,i}, w_{2,i}$

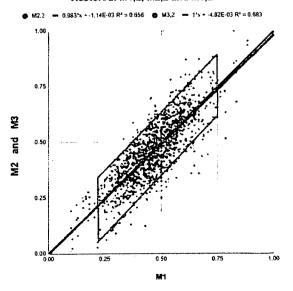
and then set $v_{2,i} = u_{2,i}$, such that u = v = w; producing the coordinate $u_{2,i}$, $v_{2,i}$, $w_{2,i}$

We now find the residual values of $m_{2,1,i}$ and $m_{3,1,i}$ from their expected values in the earlier quadratic regressions. Let these be $r_{2,1,i}$ and $r_{3,1,i}$ respectively. We now find the standard deviation of these residuals, let this be σ_2 and σ_3 .

We now multiply all $r_{2,1,i}$ by $\frac{5\%}{\sigma_2}$, and all $r_{3,1,i}$ by $\frac{5\%}{\sigma_3}$ if either σ_2 and/or σ_3 are greater than 5%. This restores the residual spread to the rarely achieved maximum spread of 5% (standard deviation) found in historical data. Remember, that within two sigma, this is a plus or minus 10% residual spread, a range of 20% overall (hence a 5% standard deviation is actually larger than you think!). Let the rescaled residuals be $r_{2,2,i}$ and $r_{3,2,i}$ respectively.

We now add the vectors $u_{2,i'}$, $v_{2,i'}$, $w_{2,i}$ and 0, $r_{2,2,i'}$, $r_{3,2,i}$ to produce the Intercessor Precinct Cloud, this vector shall be the coordinates $u_{3,i'}$, $v_{3,i'}$, $w_{3,i}$. Finally, we locally rescale each vector $u_{3,i'}$, $v_{3,i'}$, $w_{3,i}$ by $\frac{m_{1,1,i}}{u_{3,i}}$, and reset any values in any component below 0% or above 100% to 0% and 100% respectively. Notice that the locally rescaled values fall inside a parallelogram as expected in a fair election.

Restored: M1,2, M2,2 and M3,2

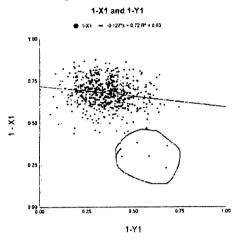


Thankfully, the next two steps are both done in two dimensions.

We now define $\left(1-x_{1,i}\right)=\frac{\left(C_{1,i}+C_{3,i}\right)}{\left(A_{1,i}+A_{3,i}\right)+\left(C_{1,i}+C_{3,i}\right)}$, this percentage of Early and Election Day ballots cast for both Hyt and Roberts that belong to Roberts.

We also define $(1 - y_{1,i}) = \frac{c_{2,i}}{A_{2,i} + c_{2,i}}$, this percentage of Mail-in ballots cast for both Hyt and Roberts that belong to Roberts.

We now plot $(1 - y_{1,i})$ horizontally and $(1 - x_{1,i})$ vertically. Using our own eyeballs, we can tell that the five precincts in the maroon circled region, having the property $(1 - x_{1,i}) < 40\%$ are severe outliers and shall be excluded from the linear regression (as they are currently having a deep and undesirable impact on that linear regression).



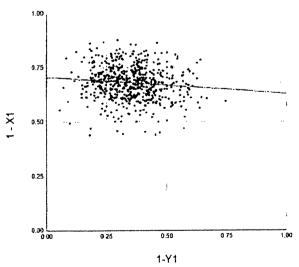
When these precincts are removed, the steps on the previous page must also be recalculated. Since you should be doing this in Excel, the update to those previous calculations should be automatic upon their removal, starting with the quadratic regressions:

Update: For Clark County
$$\overline{m_{2,1,i}} = 0.442 + 0.264 m_{1,1,i} - 0.0229 (m_{1,1,i})^2$$
; $\overline{m_{3,1,i}} = 0.219 + 0.143 m_{1,1,i} - 0.0646 (m_{1,1,i})^2$.

With these precincts removed, we obtain the linear regression $\overline{1-x_{1,i}}=0.705-0.0773(1-y_{1,i})$. We now subtract 0.701 from all (1-x) values, and define $\overline{w}=ARCTAN(-0.07737)=-3.017 degrees=-0.077146 radians$

1-X1 and 1-Y1

● 1-X1 → -0.0773*x * 0.705 R* = 0.013



Normally, we would subtract the intercept of 0.701 from all of the precincts, and then rotate the precinct data by 48.017 degrees back to the line of $(1 - x_1) = (1 - y_1) \Rightarrow (x = y)$. However, this particular Sheriff's election is so botched and so warped, that there is no correlation between the election day, mail-in and early vote percentages, between any two candidates, or any combination of two candidates

This is not our fault. We did not alter this election, we did not administer an illicit pair of cubic manifolds to bijack the proportions between the ballots cast across Clark County.

Since there are no longer any naturally existing correlations between the candidate's election day, mail-in, and early vote percentages across the precincts, we cannot restore this election using the conventional method of translation and rotation on percentages of ballots cast. Quite simply, there is no axis, linear or polynomial, that can pass through a circular scatter plot, with any substantial degree of correlation.

This leaves us with only one choice, the Nuclear Option: Turnout-Aggregate Restoration.

against the remaining third candidate.

In a fair election, a candidate's performance is strictly linear with the percentage of registered voters that turnout. If a candidate, Kathy, receives a mean of 40% of the casted ballots across the precincts, then, regardless of the standard deviation of the candidate's performance, the regression of the percentage of registered voters who voted for Kathy, against the percentage of voters that turned out for all candidates, shall be in the form of $\Psi_k = 0.4\Psi_{t'}$ where $\Psi_k = \frac{Kathy's Vote}{Registered}$; $\Psi_T = \frac{Total Ballots Cast}{Registered}$.

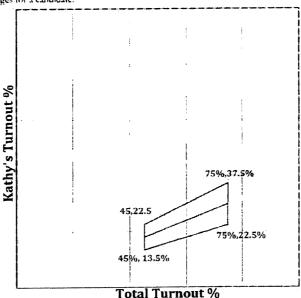
In the below diagram, Kathy receives 40% of all ballots cast, with a standard deviation of 5%, and the overall turnout across the precincts has a mean of 60%, with a standard deviation of 7.5%.

As a result, the precincts shall exist within a strict trapezoidal boundary. The horizontal boundaries are from 45% to 75%, which is two standard deviations from 60%. With Kathy receiving 40% of ballots cast, with a standard deviation of 5%, then Kathy shall always receive between 30% and 50% of all ballots cast.

We now multiply both horizontal boundaries by 30% and 50%, producing the four vertices of the trapezoid that bounds the precinct data, that is, the precinct data exists in the region $0.3x \le y \le 0.5x$; $0.45 \le x \le 0.75$, which is the equation of an obtuse trapezoid, with the line y = 0.4x being both the only and the natural regression of this data.

In this scenario, the R^2 value of this regression does not measure the accuracy of the regression, but the standard deviation of Kathy's turnout performance. The lesser the variance, the faster the R^2 value converges to 1; the greater the variance, the faster the R^2 value converges to zero.

This allows us to obtain the linear regression of any such set of data by simply knowing the mean and standard deviations of multurnout and ballots cast percentages for a candidate.



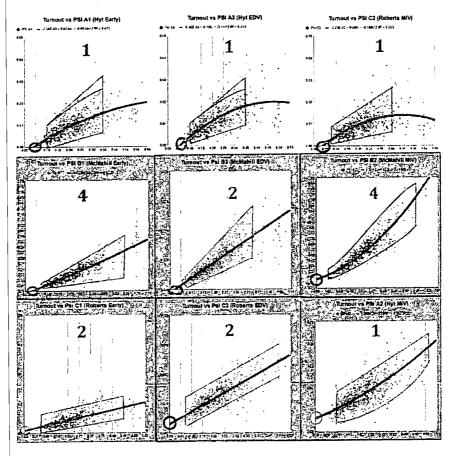
In the graphs below you can see the relationship between total precinct turnout (from 0% to 55% of registered voters) on the horizontal axis against the percentage of registered voters that turned out to vote for each candidate in each mode. The large green numbers, 1,2 and 4, tell you the relative scale of the $y - \alpha xis$. The number 1 implies that the y-axis extends from 0% to 5%, the number two implies from 0% to 10%, and the number 4 implies 0% to 20%.

The first three graphs on the top row are the natural inputs A_1 , A_3 , C_2 , that is, Hyt's Early Vote, Hyt's Election Day Vote and Robert's Mail-in Vote, reduced to the percentage of registered voters that turned out to vote in those categories. Notice that is quite easy to draw their bounding trapezoids by hand before the quadratic concavity overtakes them.

In the three graphs highlighted and bordered in yellow, we see the turnouts of B_1 , B_3 , C_1 , which are the illegal outputs of the first cubi manifold. Notice that the quadratic regressions of B_1 and B_3 against the total precinct turnout have a negative intercept, while the intercept of C_1 is positive. Also, observe that all of the intercepts of our natural inputs are negative. This informs us that the Neural Network was increasing the Ω_1 operators across the precincts, which increases C_1 with intensity, drawing from B_3 and the combined sum of A_1 , A_3 , C_2 , while raising the α_1 operators to lessen the draw from B_3 .

In the final graphs highlighted and bordered in gray, we see the turnouts of the final three illegal outputs, A_2 , B_2 , C_2 . The first thing we observe is that both A_2 and B_2 are concave up, this informs us that the Neural Network heavily increased the Ω_2 operators across the precincts, since both A_2 and B_2 are on the North Side and Ω is the North Side Horizontal Aggregate Percentage. We also see that the graph of C_3 has non-negligible positive intercept, but also lacks concavity, this tells us that the α_2 operators were decreased across the precincts, causing g to decrease, which means that C_3 will increase, since both B_2 and C_3 are on the west side; however, the increase in the Ω_2 operators must have been substantially greater than the decrease in the α_2 operators, and thus the southwest quarter, which is $u_2 = B_1 + B_3$, is what suffered the greatest relative loss, and hence the negative intercept of B_1 in the yellow graphs, since the draw into C_3 came primarily from $B_1 + B_3$.

Let us now briefly observe the comedy of these graphs, it says that Roberts Mail-in vote is always around one-third his Election Day Vote; however, McMahill gets three times as many Mail-in Votes as he does Election Day Votes, that is a ninefold ratio difference!



Our next step is restore C, which is Roberts's Early Vote.

The reason we first restore C_1 is because it the output of the first cubic manifold, and since we know that Roberts received a legitimate Mail-in vote (relative to A_1 and A_3), we know that there are indeed people who support Roberts. Since C_1 is the output of the first cubic manifold, it is also the least distorted of the illegal outputs.

Remember that the vote totals in the second cubic manifold are scaled against the sum of the illegal outputs $u_2 = B_1 + B_3$, and that the proportion of this sum to $t_1 = C_1$ and $v_1 = A_1 + A_3 + C_2$ in the first cubic manifold is the aggregate percentage α_1 , where $\frac{(A_1 + A_3 + C_2) + C_1}{B_1 + B_3} = \frac{1 - \alpha_1}{\alpha_1}.$

Thus, since the outputs of the second cubic manifold, A_2 , B_2 , C_3 , which are scaled against u_2 , and u_2 is scaled against $t_1 + v_1$, means, that by definition, A_2 , B_2 , C_3 are also scaled against $t_1 + v_1$. Hence, we start with C_1 , since this value is only rescaled once in the first cubic manifold, and was also the least important output of the Neural Network (since the Neural Network set g_1 instead of $(1 - h_1)$ as the output of the cubic manifold, where $g_1 = \frac{s_1}{s_1 + v_1}$; $(1 - h_1) = \frac{t_1}{u_1 + t_1}$).

To begin the restoration of C_1 we use the same intercept and concavity of the quadratic for C_2 , whilst retaining the linear constant of C_1

The quadratic regressions of the turnout percentage of Roberts' Mail-in Vote and Early vs the Total Turnout Percentage is:

$$\begin{aligned} w_1 &= \overline{\Psi[C_2]} = k_0 + k_1 \Psi[T] + k_2 (\Psi[T])^2 \\ w_2 &= \overline{\Psi[C_1]} = z_0 + z_1 \Psi[T] + z_2 (\Psi[T])^2 \end{aligned}$$

For the second equation we simply replace z_0 with k_0 and z_2 with k_2 , and retain z_1 .

$$w_3 = \overline{\Psi[C_1]} = c_0 + z_1 \Psi[T] + c_2 (\Psi[T])^2$$

We then find the residuals of $\Psi[C_1]$ from w_2 , and the standard deviation of those residuals. We then find the standard deviation of the residuals of $\Psi[C_2]$ from w_1 , and then find the proportion of the standard deviations, and then rescale the $\Psi[C_1]$ residuals to in respect to the proportion of those standard deviations.

Finally, we add those rescaled residuals to w_3 and have, to the best our ability, in lieu of the Nuclear Option, restored the turnout percentage of C_1 . We now reser the actual integer values of C_1 against the integer values of the Registered Voters multiplied by the restored turnout percentages, and resolve the decimals values of the restored C_1 integers using the standard rules of rounding. Any negative integer returns are simply set to zero.

With C_1 restored, we can immediately restore C_3 from the $\left(m_{1,2,i'}, m_{2,2,i'}, m_{3,2,i}\right)$ vectors. Recall that $m_{3,2,i} = \frac{C_{1,i}}{C_{1,i} + C_{3,i}}$, which is the restored proportion of C_1 to C_3 across the precincts, thus:

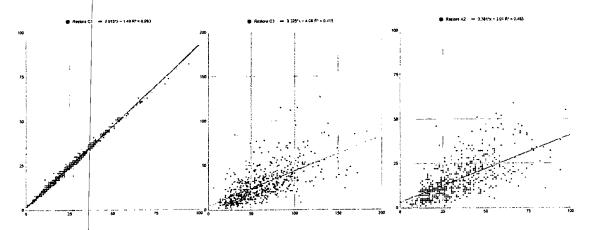
$$\left[\frac{\left|c_{3}\right|}{\left|c_{1}\right|} = \frac{1 - m_{3,2,i}}{m_{3,2,i}}\right] \Rightarrow \left[m_{3,2,i}c_{3} = c_{1}\left(1 - m_{3,2,i}\right)\right] \Rightarrow \left[c_{3} = \frac{c_{1}\left(1 - m_{3,2,i}\right)}{m_{3,2,i}}\right]$$

With knowledge of the relative values of A_1 , A_3 , C_1 , C_2 , C_3 , we can now restore A_2

Let $n_{3,0,i} = \frac{C_2}{C_2 + (C_1 + C_3)}$, then we know the percentage of Mail-in Votes to Early and Election Day Votes for all candidates, in all races, across the precincts. In the same manner that we calculated the restoration vectors $(m_{1,2,i}, m_{2,2,i}, m_{3,2,i})$, we shall then do so for the n vectors, yielding $(n_{1,2,i}, n_{2,2,i}, n_{3,2,i})$. We now apply $n_{1,2,i} = \frac{A_2}{A_2 + (A_1 + A_3)}$ against A_1, A_3 to yield A_2 if $A_2 = \frac{(A_1 + A_3)(n_{1,2,i})}{(1 - n_{1,2,i})}$

As expected, the C_1 values were the least disturbed. Robert's only received an 11% boost to his Early Vote Performance across the precincts from the first cubic manifold. The below graphs are the county recorder values of C_1 , C_3 , A_2 (horizontal axes, from left to right) against their restored values.

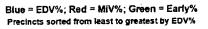
It shows that Robert's Election Day Votes and Hyr's Mail-in Votes were more than doubled from what they should have been. This is not surprising since both C_3 and A_2 are the outputs of second cubic manifold, which were leveraged against the the first cubic manifold, whose natural inputs were $v_1 = C_2$, A_1 , A_3 . The county-wide increasing both Ω_1 and Ω_2 in manifolds would convert into a massive spike of A_2 and C_3 ballots.

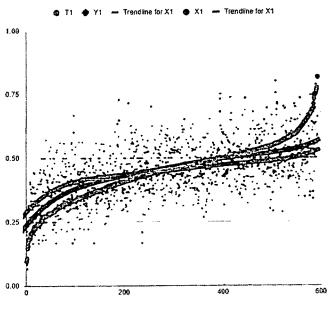


Amongst only Hyt and Roberts, with all of their vote totals restored, we can now project the true winner: Roberts won.

We can also see that the Election Day Percentage, Mail-in Percentage and Early Percentage, between only Hyt and Roberts are now strongly correlated in the below quantile plot, where the precincts were sorted from least to greatest by Hyt's Election Day Percent.

That is, the precincts now obey the expectation that Hyt's mode percentages are to be roughly equal to one another at any particular precinct, and we didn't even have to act on those percentages directly to achieve this. Amazing right!





Of course, we still have the problem of restoring B_1 , B_2 , B_3 . We must first recognize that all of McMahill's vote totals were outputs in both of the manifolds.

Thus, it is possible that McMahill did not receive a significant share of the votes in any precinct. If this is the case, then there will still be no correlations between the Election Day, Mail-in and Early Vote percentages of McMahill against the restored values of Hyt and Roberts. Simulations of altered elections, making Jo Jorgenson win the 2020 Election in Peoria (IL), Maricopa, Atlanta and Clark and Washoe Counties, revealed that if a truly insignificant candidate is compelled to victory via Manifolds (the simulations used simple plane functions, instead of cubics), that there will no correlation at all between Jorgenson's Election Day, Early and Mail-in Percentages across the precincts.

However, if McMahill was a significant candidate, then the restored values of Hyt and Roberts should reveal a tangible correlation between the Election Day, Mail-in and Early percentages that we can translate and rotate back to 45 degrees to obtain McMahill's true performance. We shall examine the relationship between McMahill and Roberts.

Let
$$|s_{1,i}| = C_{1,i} + C_{3,i'}$$
 where $C_{1,i}$ and $C_{3,i}$ are the restored values.

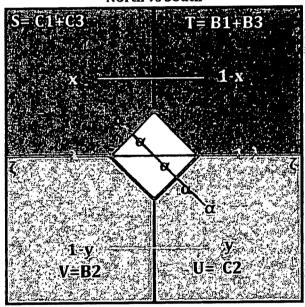
Let $t_{1,i} = B_{1,i} + B_{3,i'}$

Let $u_{1,i} = C_{2,i}$

Let $w_{1,i} = \begin{pmatrix} 1 - x_{1,i} \end{pmatrix} = \frac{c}{s+c}$, be McMahill's intercessory combined Early and Election Day percentage.

Let $z_{1,i} = \begin{pmatrix} 1 - y_{1,i} \end{pmatrix} = \frac{v_{1,i}}{v_{1,i}}$, be McMahill's intercessory combined Mail-in percentage.

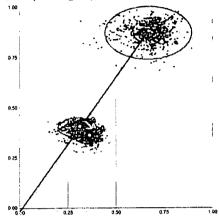
North vs South



We now graph (1 - x) vs (1 - y) across the precincts. Since the relative value of A_2 was increased by a factor of 2.1429, the relative value of C3 was increased by a factor of 2.1726, we assume that McMahill's vote relative vote totals were also increased by the same factor, since all of his votes were illegal outputs from the cubic manifolds (that is, not a single one of his vote totals were authentic)

We take the average of those two factors aforementioned, 2.1578, and take the vector from the origin to the midpoint of the precinct cloud in the (1-x) vs (1-y) graph, and divide that vector by 2.1578, and all of the distances of each precinct from that centroid by 2.1578, we do this because each precincts x, y value is acting as a complex number (thus the centroid distances were more than doubled).

We then rotate the centroid to the x = y line, while preserving the precinct offsets (both direction and magnitude) from the rotated center.



To do the above set \overline{w} to average all of w_i and $\overline{z_i}$ to the average of all z_i .

We now set the vector $(w_{2,l}, z_{2,l}) = (w_{1,l}, z_{1,l}) - (\overline{w}, \overline{z})$ for all precincts, the vectors $(w_{2,l}, z_{2,l})$ are the precinct offsets from the center.

Set
$$\theta = ARCTAN\frac{\overline{z}}{\overline{w}}$$
, and set $\Phi = \frac{\pi}{4} - \theta$.

Now set
$$\left(W_{3,i}, Z_{3,i}\right) = \left(\frac{w_{2,i}}{2.1578}, \frac{z_{2,i}}{2.1578}\right) + \left(\frac{\overline{wcos\phi} - \overline{zsin\phi}}{2.1578}, \frac{\overline{wsin\phi} + \overline{zcos\phi}}{2.1578}\right)$$
 These are the restored percentages.

Set
$$v_{2,i} = w_{3,i}(s_{1,i} + t_{1,i})$$

Set $v_{2,i} = z_{3,i}(u_{1,i} + v_{1,i})$

Set
$$v_{2,i} = z_{3,i} (u_{1,i} + v_{1,i})$$

Set
$$s_{2,i} = \begin{cases} 3.1(-1.i) & 1.10 \\ s_{1,i} + t_{1,i} - t_{2,i} \\ s_{2,i} = \begin{cases} u_{1,i} + v_{1,i} - v_{2,i} \\ u_{1,i} + v_{1,i} \end{cases}$$

Set
$$u_{2,i} = (u_{1,i} + v_{1,i}) - v_{2,i}$$

Set
$$\beta_{1,i} = \frac{s_{1,i}}{s_{2,i}}$$
, this is the North Side S scale; set $\beta_{2,i} = \frac{u_{1,i}}{u_{2,i}}$, this is the South Side U scale.

Set
$$s_{3,i} = \beta_{1,i}(s_{2,i})$$
; set $t_{3,i} = \beta_{1,i}(t_{2,i})$, rounding $t_{3,i}$ to the nearest integer, using the standard rules of rounding. Set $u_{3,i} = \beta_{2,i}(u_{2,i})$; set $v_{3,i} = \beta_{2,i}(v_{2,i})$, rounding $v_{3,i}$ to the nearest integer, using the standard rules of rounding.

The value of $v_{3,i}$ is the restored value of B_2 , which is McMahill's Mail-in Vote.

We now split $t_{3i} = B_1 + B_3$ via (remember that crazy thing at the start of this process, about the ratio of A_1 and A_3 !!!)

$$\left[\frac{B_1}{B_1 + B_3} = m_{2,2,i}\right] \Rightarrow \left[B_1 = m_{2,2,i}(t_{3,i})\right] \Rightarrow \left[B_3 = (1 - m_{2,2,i})(t_{3,i})\right]$$

And we're done...almost. Just one more stepl

The Neural Network will undoubtedly have learned over the course of its self-training trials to preserve the original number of total ballots cast in each race down the ballot, while ensuring that the new Mail-in, Election Day and Early Vote totals match each other down the ballot as well.

The choice to increase or decrease α_1 , Ω_1 , α_2 , or Ω_2 within either of the Sheriff's Cubic Manifolds is therefore not made in isolation concerning the Sheriff's race, but rather it is an intense balancing act of producing all of the selected winners down the entire ballot, while making the Mail-in, Early and Election Day totals match in each race in each precinct, while also preserving the total number of ballots that were cast to minimize the creation and destruction of ballots.

The most obvious solution to this problem would be to rescale all the relative totals in each precinct until their sum matched the original sum of all ballots cast. It is impossible to believe that the Neural Network would have found any other way to accomplish this.

Also remember that the Neural Network is not obliged (nor would conclude in self-training) that it must preserve the relative values of A, to A, to C, between precincts. It only needs to preserve those proportions within a precinct itself, not between precincts. With all of the above in mind, this why there is almost zero correlation between the candidates Election Day, Mail-in and Early Percentages, because this localized min-maxing of a_1 , Ω_1 , α_2 , Ω_2 is done within a precinct, not between them (with the only exception being that net sum of votes across the county produces the intended winner, the primary objective of the Neural Network).

Undoubtedly, the Neural Nerwork will place higher emphasis on matching the number of Mail-in, Election Day and Early ballots, since a human would have instructed it to place a higher emphasis on this mission, as it would seem strange if there was ten times as many Mail-in ballots for the Sheriff's race than the Governor's Primary across the precincts.

However, it would also seem just as strange if total voter turnout for the Sheriff's race was also tens higher than the Governor's primary, hence the Neural Network will also strive to preserve the original number of ballots cast in each race.

We now perform the final step of the Sheriff Restoration:

Let $Y_{1,i}$ the sum of the County Recorder values of A_1 , A_2 , A_3 , B_1 , B_2 , B_3 , C_1 , C_2 , C_3 in each precinct. Let $Y_{2,i}$ the sum of the County Recorder values of A_1 , A_3 , C_2 and the restored values of A_2 , B_1 , B_2 , B_3 , C_1 , C_3 in each precinct.

Let
$$\Lambda_i = \frac{\Upsilon_{1,i}}{\Upsilon_{2,i}}$$

In each precinct, multiply County Recorder values of A1, A3, C2 and the restored values of A2, B1, B2, B3, C1, C3 by A1. Then round these values to the nearest integer, using the standard rules of rounding,

We have now restored the Sheriff's 2022 Election in Clark County, Nevada, and Roberts is the rightful winner.

	·			
Results	Original Totals	Restored Totals		
A1	11627	30715		
A2	20748	25064		
EA	13275	33776		
81	37509	20701		
-82	82460	15887		
8 3	28967	23933		
C1	13901	35478		
C2	11290	28463		
C3	36953	42733		
Candidates	Original	Restored		
Hyt	45650	. 89555		
McMahill	148936	60521		
Roberts	52144	106674		
Mode	Original	Restored		
Early	. 63037.	. 86894		
MIV	114498	69414		
EDV	79195	100442		

Preface Equation 0.2.1; The Trivariate Real Number Cubic Turnout Manifold, US Senate

Let Candidate A be Sam Brown; let Candidate B be Correz; let Candidate C be Laxalt. Let A_1 , A_2 , A_3 be Brown's Early Vote, Mail-in Vote and Election Day Vote respectively. Let B_1 , B_2 , B_3 be Cortez's Early Vote, Mail-in Vote and Election Day Vote respectively. Let C_1 , C_2 , C_3 be Laxalt's Early Vote, Mail-in Vote and Election Day Vote respectively.

Let
$$s_1 = A_1$$

Let $t_1 = (B_1 + B_3)$
Let $u_1 = A_3$
Let $v_1 = (C_1 + C_3)$; this is the input square.

Let R be the number of registered voters at the precinct.

$$\begin{split} m_1 &= \frac{s_1}{s_1 + u_1}, n_1 = \frac{t_1}{t_1 + v_1}, \alpha_1 = \frac{s_1 + u_1}{(s_1 + u_1) + (t_1 + v_1)}, \Omega_1 = \frac{s_1 + t_1}{(s_1 + t_1) + (u_1 + v_1)}, \lambda_1 = \frac{s_1 + v_1}{(s_1 + v_1) + (u_1 + v_1)}, \lambda_2 = \frac{s_1 + v_1}{(s_1 + v_1) + (u_1 + v_1)}, \lambda_3 = \frac{s_1 + v_1}{(s_1 + v_1) + (u_1 + v_1)}, \lambda_4 = \frac{s_1 + v_1}{(s_1 + v_1) + (u_1 + v_1)}, \lambda_5 = \frac{s_1 + v_1}{(s_1 + v_1) + (u_1 + v_1)}, \lambda_5 = \frac{s_2 + v_2}{(s_1 + v_1) + (u_1 + v_1)}, \lambda_5 = \frac{s_3 + v_2}{(s_1 + v_1) + (u_1 + v_2)}, \lambda_5 = \frac{s_3 + v_2}{(s_1 + v_1) + (u_1 + v_2)}, \lambda_5 = \frac{s_3 + v_2}{(s_1 + v_1) + (u_1 + v_2)}, \lambda_5 = \frac{s_3 + v_2}{(s_1 + v_1) + (u_1 + v_2)}, \lambda_5 = \frac{s_3 + v_2}{(s_1 + v_1) + (u_1 + v_2)}, \lambda_5 = \frac{s_3 + v_2}{(s_1 + v_1) + (u_1 + v_2)}, \lambda_5 = \frac{s_3 + v_2}{(s_1 + v_1) + (u_1 + v_2)}, \lambda_5 = \frac{s_3 + v_2}{(s_1 + v_1) + (u_1 + v_2)}, \lambda_5 = \frac{s_3 + v_2}{(s_1 + v_1) + (u_1 + v_2)}, \lambda_5 = \frac{s_3 + v_2}{(s_1 + v_1) + (u_1 + v_2)}, \lambda_5 = \frac{s_3 + v_2}{(s_1 + v_1) + (u_1 + v_2)}, \lambda_5 = \frac{s_3 + v_2$$

In a fair election:

$$n = \Omega + \xi(\Omega - m) = \frac{\Omega - \alpha m}{1 - \alpha} = \frac{(\xi + 1)(\Omega - \lambda) + \xi}{2\xi}; \quad w = \lambda + \xi(\lambda - m) = \frac{(\xi + 1)(\lambda - \Omega) + \xi}{2\xi}$$

In the above sequence of equalities, three of the five proportions must always be known to resolven₁, however, in Clark County we obtain the illegal cubic manifold equations that yields n_1 with Ω_1 and λ_1 without either α_1 nor m_1 .

Even more outrageous is that the R^2 of this function is rather low, until a third parameter, Ψ , is added. Taking an R^2 of bivariate plane and quadratic of Ω_1 and λ_1 unto n_1 from below 0.99, all the way to 0.998. To ensure there wasn't a trivial correlation with Ψ , artificially increasing the R^2 value, the number of registered voters was randomized across the precincts in tens of millions of simulations, without changing the number of ballots cast, and there was no significant increase in R^2 in any of these trials. Thus, this formula works with, and only with, the precise number of registered voters present in each Clark County precinct.

The trivarite cubic equation will have $w_1 = 1 - n_1$ isolated on the right-hand side. In the diagram on the previous page, w_1 is the Light Blue Diagonal Percentage, that is the percentage share of ballots that belong to v_1 amongst t_1 and v_1 , $w_1 = \frac{v_1}{t_1 + v_1}$, in other words, this is the share of Early and Election Day ballots that Laxalt shall receive against the number of Early and Election Day ballots of both Laxalt and Cortez.

As to how we discern between whether or not t_1 or v_1 was the input square, is to compare the ratios of C_1 : C_3 and B_1 : B_3 to Hyr's A_1 : A_3 ratio in the Sheriff's race. From this we learn that the histogram and quantile plots of C_1 : C_3 have an identical match to Hyr's results in the Sheriff's race, while the histogram and quantile plots Cortez's B_1 : B_3 ratios are alien, furthermore that there is zero correlation between Cortez's B_1 : B_3 ratios and either Hyr's A_1 : A_3 or Laxalts C_1 : C_3 ratios (also recall that Hyr's A_1 : A_3 ratio was authentic, since Hyr's A_1 , A_3 were logically compelled to be the only authentically input source).

As to the presence of the Ψ parameter, it informs us that this Equation determines the voter turnout in each precinct, to which all other races down the ballot shall be attuned to (whereas the Sheriff's race established the proportion of Early to Mail-in to Election Day ballots cast in each precinct, the Senate Race establishes the proportion of Democrat to Republican Ballots in the partisan primaries and the precinct turnout in all primaries, both partisan and non-partisan).

Once the w_1 proportion is illegally resolved from the cubic surface of Ω_1 , λ_1 and Ψ , both m_1 and α_1 are compelled into existence, since in any election, fair or unfair:

$$w = \frac{(\xi+1)(\lambda-\Omega)+\xi}{2\xi} \Rightarrow \xi = \frac{\Omega-\lambda}{(\lambda-\Omega+1-2w)}; \ m = \lambda + \xi(\lambda-w); \ w = 1 - n = \frac{v}{t+v}$$

Since the proportions, w_1 , Ω_1 , λ_1 are known, it compels the value of ξ_1 , which is proportion of Blue Diagonal to Red Diagonal Ballots, that is $\xi_1 = \frac{t_1 + v_1}{s_1 + u_1}$, is now forced, and since $\alpha_1 = \frac{1}{1 + \xi_1}$, then Brown's aggregate percentage share of the ballots in this ballot set is also compelled (Brown is the algorithmically intended loser).

Since ξ_1 , w_1 , λ_1 are known, it forces the value of m_1 , which is the percentage of s_1 ballots amongst s_1 and u_1 and tells us proportion of s_1 to u_1 ballots via the identity: $\frac{s_1}{u_1} = \frac{m_2}{1 - m_2}$. Since the value of t_1 is known (the input square), the values of s_2 , u_2 and v_2 are also known, as the pairwise proportions betwixt them have all been forced.

The illegal trivariate cubic equation is as follows, with an $R^2 = 0.998666$ (video on next is the 4D surface that the Clark County precincts test upon when their Ω, λ , w values are plotted in x, y, z space respectively, with Ψ acting as the fourth dimension). The residual values have a left-tailed Poisson distribution, and the residual errors come from, and only from, whether or not they rounded the illegally calculated vote totals up or down to the nearest integer.

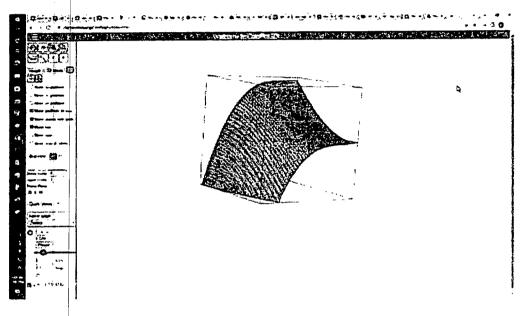
$$w = \sum_{k=0}^{k=3} \left(\sum_{j=0}^{j=k} \left(\sum_{t=0}^{t=k-j} \left(\left(z_{k,j,((k-j)-t)} \right) \left(\Psi^{(k-j)-t} \right) \left(\Omega^t \right) \left(\lambda^j \right) \right) \right) \right); \quad z_{k,j,t} \in \mathbb{R}$$

n=0()=0(•		, ,			
Z _{0,0,0}		Z _{1,0.9}	z _{L0.1} 2.33501596981659		^Z 1.10 7.38865441852249	
-1.1374191476788	38 -0.0	603407714515924				
Z _{2,00}	Ž 2.0.1	Ž2.0.2	2 21.0	² 21.		Z ₂₂₀
the same that I h	-14.6467141937464	0.917356759338873	12.0015396345406	-9.16489 <u>5</u> 80	0692723	9.01806410681456
2100	4 400			761		Harry Service
288.161.1381398	1520 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4.8740476649254	6.07211023080	162	0.20	9537406940344
J. FAK		2.23		3,4,51		
-148.440286412835	8.10273581556975	2.25169584417017	-5.55677292495965	6.71125826	193019	3.71284521219786

Since the average reader of this article shall not be aware of the implications of a trivariate cubic manifold input, with a single output, it means that there is a continuous smooth four-dimensional surface upon which the precincts sit.

The fourth dimension of this manifold is the percentage of registered voters that cast their early or election day ballots for Brown. As this percentage increases from 00.00% to 15.00%, the 3D surface of Ω , λ , w (the x,y,z axes) upon which the precincts lay changes smoothly, without any erratic discontinuities or massive accelerations.

As to whether or not a 19 vector regression is justified, bear in mind that 16 of those vectors are products and powers of only three input vectors, and that attempting a lower degree (linear and quadratic with k = 1 or 2), yielded residuals with a distinct and pronounced cubic curvature, this would be like asking me to fit a straight line to approximate the shape of a hockey stick.

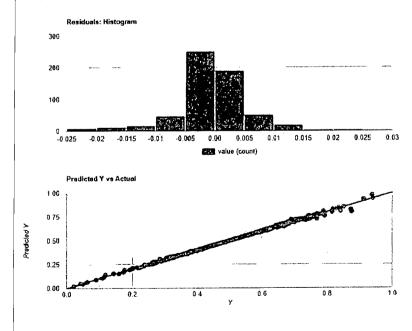


1. Y and X relationship

R square (R²) equals 0.9973342946. It means that the predictors (X) explain 99.7% of the variance of Y.

Adjusted R square equals 0.9972466676.

The coefficient of multiple correlation (R) equals 0.9986662579. It means that there is a very strong correlation between the predicted data (y) and the observed data (y).



Preface Equation 0.2.2; The Bivariate Real Number Quadratic Manifold, US Senate

Let Candidate A be Sam Brown; let Candidate B be Cortez; let Candidate C be Laxalt. Let A_1 , A_2 , A_3 be Brown's Early Vote, Mail-in Vote and Election Day Vote respectively. Let B_1 , B_2 , B_3 be Cortez's Early Vote, Mail-in Vote and Election Day Vote respectively. Let C_1 , C_2 , C_3 be Laxalt's Early Vote, Mail-in Vote and Election Day Vote respectively.

Let
$$s_1 = B_2$$

Let
$$t_1 = C_2$$

Let $u_1 = B_1 + B_3$; this is the input. B_1 and B_3 were illegally determined in the prior equation.

Let $v_1^{\dagger} = (A_1 + A_3 + C_1 + C_3) + A_2$; Direct subtraction from v_1 shall yield A_2 as an output.

$$g_1 = \frac{s_1^{|}}{s_1^{|}+v_1^{|}}, h_1 = \frac{u_1^{|}}{u_1^{|}+t_1^{|}}, \alpha_1 = \frac{s_1^{|}+u_1^{|}}{(s_1^{|}+u_1^{|})+(t_1^{|}+v_1^{|})}, \Omega_1 = \frac{s_1^{|}+t_1^{|}}{(s_1^{|}+t_1^{|})+(u_1^{|}+v_1^{|})}, \lambda_1 = \frac{s_1^{|}+v_1^{|}}{(s_1^{|}+v_1^{|})+(u_1^{|}+v_1^{|})}$$

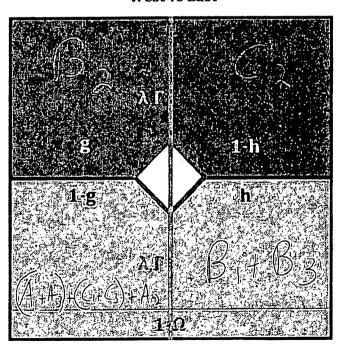
$$\Gamma_1 = \frac{u_1 + t_1}{s_1 + v_1} = \frac{1 - \lambda_1}{\lambda_1}, \qquad w_1 = (1 - h_1) = \frac{t_1}{u_1 + t_1}$$

In a fair election:

$$g = \alpha + \Gamma(\alpha - h) = \frac{\alpha - (1 - \lambda)h}{\lambda} = \Omega + \Gamma(\Omega - w) = \frac{\Omega - (1 - \lambda)w}{\lambda} = \frac{(\Gamma + 1)(\Omega + \alpha) - \Gamma}{2}$$

In the above sequence of equalities, three of the five proportions must always be known to resolve g_1 , however, in Clark County we obtain the illegal quadratic manifold equations that yields g_1 with only α_1 and Ω_1 (see next page).

West vs East



The bivariate quadratic equation will have g isolated on the right-hand side. In the diagram on the previous page, g is the West Side Percentage, that is the percentage share of ballots that belong to s amongst s and v, $g = \frac{s}{s+v}$.

Once g is illegally resolved from the cubic surface of α , Ω , both h and λ are compelled into existence, since in any election, fair or unfair:

$$g = \frac{(\Gamma+1)(\Omega+\alpha)-\Gamma}{2} \Rightarrow \Gamma = \frac{2g-\Omega-\alpha}{(\Omega+\alpha-1)}; \ h = \alpha + \Gamma^{-1}(\alpha-g); \ w = 1 - h = \frac{t}{u+t}$$

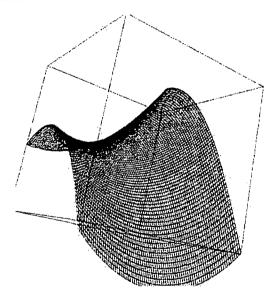
Since the proportions, g_1 , α_1 , Ω_1 are known, it forces the value of Γ_1 , which is proportion of East Side Ballots to West Side Ballots, that is $\Gamma_1 = \frac{u_1 + t_1}{s_1 + v_1}$, is now forced. Since s_1 and v_1 are both known at this stage, then so the sum of u_1 and v_1 .

Since Γ_1 , α_1 , g_1 are known, it forces the value of h_1 , which is the percentage of u_1 ballots amongst u_1 and t_1 . Since the sum of u_1 and t_1 is already known, and h_1 tells us proportion of t_1 to u_1 ballots via the identity: $\frac{t_1}{u_1} = \frac{1-h_1}{h}$, then we know the values of u_1 and t_1 .

The illegal bivariate quadratic equation is as follows, with an $R^2 = 0.9983801128$ (image below is the 3D surface that the Clark County precincts rest upon when their α , Ω , g values are plotted in x, y, z space respectively. The residual values have a perfect normal distribution, and the residual errors come from, and only from, whether or not they rounded the illegally calculated vote totals up or down to the nearest integer.

$$g = k_0 + k_1 \Omega + k_2 \alpha + k_3 \Omega^2 + k_4 \alpha \Omega + k_5 \alpha^2$$

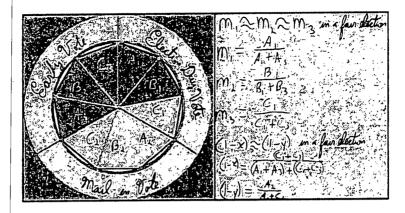
0 1 1	4	1			
k _o	k ₁	k ₂	k ₃	k ₄	k ₅
-0.1590436749	+0.8413736582	+0.4076454491	-0.28055677	+0.1852754507	+0.2240821095



After the execution of this formula, the following values are known: Illegally Calculated Inputs are: $(A_1 + A_3)$; $(B_1 + B_3)$

Illegal Outputs are: A₂, B₂, C₂

Natural Inputs: C1, C3



Preface Restoration Algorithm 0.2.3; Restoring the Senate Election

■ 2022, Senate Restoration, Clark County, Nevada https://docs.google.com/spreadsheets/d/1cXM7i9T-Pp_6pEWBCABC1fR5EEn8dt92RcqipHofls0/edit2usp=sharing

Since we have the advantage of the restored Sheriff's Race, the restoration of the Senate race is far easier, as we can import the ratio of Early to Mail-in to Election Day ballots in each precinct.

Since the second manifold equations informs us that all mail-in totals, A_2 , B_2 , C_2 , are illegitimate output, we first act to restore the Early and Election Day Totals, and as there is no correlation between Laxalt's and Browns Election Day, Early and Mail-in Percentages, we first restore the relationship between Laxalt and Cortez, since they are correlated, and we know Laxalt's Early and Election Day ratio to not only be preserved, but also identical to Hyr's Early to Election Day ratio in the Sheriff's race.

Is it not surprising that the two candidates, from different races, whose Early to Election Day Ratios were preserved as inputs into their respective manifolds, have nearly identical values?

Let
$$x_{1,i} = \frac{C_1}{C_1 + B_1}$$
 be Laxalt's Early Vote Percentage amongst Laxalt and Cortez in each precinct.

Let
$$y_{1,i} = \frac{|C_3|}{|C_3| + |B_3|}$$
 be Laxalt's Election Day Percentage amongst Laxalt and Cortez in each precinct.

Let
$$\overline{y_{1,i}} = k_0^{\dagger} + k_1(x_{1,i}) + k_2(x_{1,i})^2 + k_3(x_{1,i})^3$$
 be the cubic regression of $y_{1,i}$

For Clark County,
$$k_0 = 0.0298$$
; $k_1 = 2.24$; $k_2 = -2.91$; $k_3 = 1.72$

Let
$$u_{0,i} = x_{1,i}$$
; $v_{0,i} = \overline{y_{1,i}} - k_0$, this removes the intercept advantage for Cortez.

Let
$$r_{0,i} = y_{1,i} - y_{1,i}$$
, this restores the residual value.

Let σ be the standard deviation of all $r_{0,i}$. If $\theta > 5\%$, then scale all residuals uniformly by $\frac{5\%}{\sigma}$.

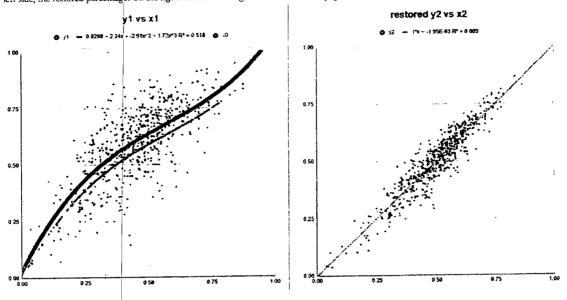
Set
$$\theta_i = \frac{\pi}{4} - ARCTAN(\frac{v_{0,i}}{u_{0,i}})$$
 for all precincts.

Set $u_{1,i} = u_{0,i} cos\theta_i - v_{0,i} sin\theta_i$; $v_{1,i} = u_{0,i} sin\theta_i + v_{0,i} cos\theta_i$. This smashes the cubic into the y = x line, while preserving the magnitude of the hijacked vector.

We now set $(x_{2,i}^{\dagger}, y_{2,i}) = (u_{1,i}, v_{1,i})$. If either coordinate is above or below 0% to 100%, then we reset to 0 to 1 respectively, These are the restored percentages.

30

Below is the graph of the original Early Vote Percentage (horizontal axis) vs the original Election Day Percentage (vertical axis) on the left side, the restored percentages on the right side after the algorithm on the above page is executed.



Now we set $d_i = C_{|1}^{\perp} + B_1$, the total number of Early Ballots for Laxalt and Cortez in each precinct.

Now we set $f_i = C_{13}^{\dagger} + B_3$, the total number of Election Day Ballots for Laxalt and Cortex in each precinct.

Let $s_i = (x_{2,i})(d_i)$ be Laxalt's Intercessory Early Vote in each precinct.

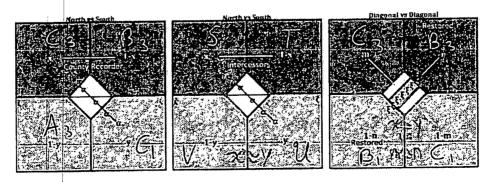
Let $t_i = d_i - s_i$ be Cortez's Intercessory Early Vote in each precinct. Let $u_i = (y_{2,i})(f_i)$ be Laxalt's Intercessory Election Day Vote in each precinct

Let $t_i = f_i - u_i$ be Cortez's Intercessory Election Day Vote in each precinct

Let $Z_{1,i} = \frac{C_3}{s_i}$ be the North Side Scale in each precinct.

Let $Z_{2,i} = \frac{C_1}{u_i}$ be the South Side Scale in each precinct.

 $\text{Let } C_{1,2,i} = z_{1,i}(s_i); B_{1,2,i} = z_{1,i}(t_i); \ C_{3,2,i} = z_{2,i}(u_i); \ B_{3,2,i} = z_{2,i}(v_i) \text{ , each rounded to the nearest } c_{1,2,i}(v_i) \text{ , each rounded to the nearest } c_{1,2,i}(v_i) \text{ , each rounded to the nearest } c_{2,i}(v_i) \text{ , each rounded to the nearest } c_{2,i}(v_i) \text{ , each rounded to the nearest } c_{2,i}(v_i) \text{ , each rounded to the nearest } c_{2,i}(v_i) \text{ , each rounded to the nearest } c_{2,i}(v_i) \text{ , each rounded to the nearest } c_{2,i}(v_i) \text{ , each rounded to the nearest } c_{2,i}(v_i) \text{ , each rounded to the nearest } c_{2,i}(v_i) \text{ , each rounded to the nearest } c_{2,i}(v_i) \text{ , each rounded to the nearest } c_{2,i}(v_i) \text{ , each rounded to the nearest } c_{2,i}(v_i) \text{ , each rounded to the nearest } c_{2,i}(v_i) \text{ , each rounded to the nearest } c_{2,i}(v_i) \text{ , each rounded to the nearest } c_{2,i}(v_i) \text{ , each rounded to the nearest } c_{2,i}(v_i) \text{ . } c_$ integer, be the restored Early and Election Day totals of Laxalt and Cortez



Seeing that Laxalt's C_1 : C_3 ratio is nearly identical to Hyt's A_1 : A_3 and Robert's C_1 : C_3 ratios in the Sheriff's Primary, and that Cortez's B_1 : B_3 ratio also matches, we know that is safe to import Robert's C_2 : $(C_1 + C_3)$ ratio from the Sheriff's Primary to yield Laxalt's and Cortez's Mail-in totals in the Senate race.

Recall that $n_{3,2,i} = \frac{c_2}{c_2 + (c_1 + c_2)}$ is Robert's Mail-in to combined Early+EDV total in the Sheriff's race.

Let $C_{2,2,i} = \left(\frac{n_{3,2,i}}{1-n_{3,2,i}}\right) \left(C_{1,2,i} + C_{3,2,i}\right)$, which is the product of Robert's n percentage with the sum of Laxalt's Early

Let $B_{2,2,i} = \frac{1}{(1-n_{3,2,i})} (B_{1,2,i} + B_{3,2,i})$, which is the product of Robert's n percentage with the sum of Cortez's Early and Election Day Vote, be Cortez's restored Mail-in Vote.

We now have the restored totals for Laxait and Cortez, in all modes of voting. We now proceed to restore Brown's totals.

Let
$$q_{1,i} = \frac{C_{1,2,i}}{C_{1,2,i} + C_{3,2,i}}$$
; $q_{2,i} = \frac{B_{1,2,i}}{B_{1,2,i} + B_{3,2,i}}$ be Laxalt's and Cortez's Early to EDV ratio in each precinct.

Since $q_{1,i} \approx q_{2,i}^{\dagger}$ across the precincts, let $q_{3,i} = \frac{1}{2} (q_{1,i} + q_{2,i})$ be Brown's Early to EDV ratio in each precinct.

Let $w_i = A_{1,0,i}^{\dagger} + A_{3,0,i}^{\dagger}$ be the sum of the County Recorder totals for Brown's Early and EDV ballots.

Let $A_{1,1,i} = (q_{3,i})(w_i)$ be Brown's Intercessory Early Vote, rounded to the nearest integer.

Let $A_{3,1,i} = w_i - A_{1,1,i}$ be Brown's Intercessory Early Vote.

Let $A_{2,1,i} = \frac{1}{n_{3,2,i}} \left(\frac{n_{3,2,i}}{1-n_{3,2,i}} \right) \left(w_i \right)$, which is the product of Robert's n percentage with the sum of Brown's Early and Election Day Vote, be Brown's intercessory Mail-in Vote.

Although we've restored the proportions of A_1 : A_2 : A_3 , we do not yet know the proportion of the sum of all of Laxalt's and Cortez's ballots to Brown's. Thankfully, the solution to this is rather easy.

Let $\mathbf{\Lambda}_i$ be the total sum of ballots cast ineach precinct in the county recorder data for Laxalt, Cortez and Brown.

Let ρ_i be the total sum of restored ballots for Laxalt and Cortez.

Let $\Delta_i = \Lambda_i - \rho_i$, be the difference of Laxalt's and Cortez's restored totals from the Total Ballots Cast.

Let ω_i be the total sum of county recorder ballots for Brown.

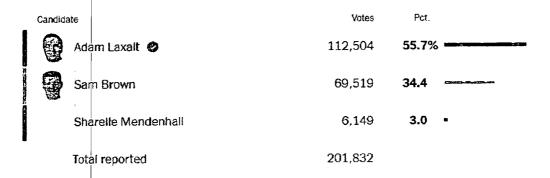
Let $Z_{3,i} = \frac{|\Delta_i|}{|\omega_i|}$ be the Great Scale in each precinct.

Let $A_{1,2,i} \stackrel{|}{=} z_{3,i}(A_{1,1,i}); A_{2,2,i} = z_{3,i}(A_{2,1,i}); A_{3,2,i} = z_{3,i}(A_{3,1,i})$ be the restored values of Brown's Early, Mail-in and Election Day Totals in each precinct.

In Columns O:Y on the Original Data sheet, the restored values can be found: 52022, Senate Restoration, Clark County, Nevada https://docs.google.com/spreadsheets/d/1cXM7j9T-Pp_6pEWBCABC1fR5EEn8dt92RcqipHofJs0/edit?usp=sharing

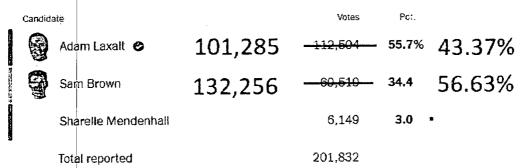
⊥Results	Browi Early	n Brow	n Mail	Brown EDV	Cortez	Cortez Mail	Cortez EDV	Laxalt Early	Laxalt Mail	Laxalt EDV
Original	1240	15	115	9780	22531	71055	13711	20545	27653	23449
	- 3536	25	665	39015	17845	15134	20337	20343	17270	22815
Results 1	Brow	No.	kalt. ≠	Brown's%	Republican	Democrat	Republican %	Early%	MiV%	EDV-3
				200 SE 10239216	108951	107297	50.3824%	25.66%	52.64%	21712
Restored Total	10004		428	62.3429%	160469	53316	75.0609%	34.40%	27.16%	38.43%
Results		Brown		Cortez	Laxalt	Brown	Margin			
(Original To		37304	¥ 33	107297	71647		343			
	4 , [100041		53316	60428		613			

Although the action of the manifolds to upset the winner of the election is always a sad sight, what is most striking about this restoration is that percentage of Republican ballots cast increased from 50.38%, which is a 1:1 ratio of Democrats to Republicans, to 75.06%, which is a 3:1 ratio of Republicans to Democrats, and demonstrates that such a massive change was indeed possible in the 2020 General Election.



Let us now subtract 11219 ballots from Adam Laxalt's Statewide total, and add 62,737 ballots to Sam Brown's Statewide total.

Of course, assuming that Washoe and the other Counties of Nevada conducted fair elections...



Preface Equation 0.3.1; The Trivariate Real Number Cubic Turnout Manifold, Governor

Let Candidate A be Gilbert; let Candidate B be Sisolak; let Candidate C be Lombardo. Let A₁, A₂, A₃ be Gilbert's Early Vote, Mail-in Vote and Election Day Vote respectively. Let B_1 , B_2 , B_3 be Sisolak's Early Vote, Mail-in Vote and Election Day Vote respectively.

Let C_1 , C_2 , C_3 be Lombardo's Early Vote, Mail-in Vote and Election Day Vote respectively.

Let
$$s_1 = A_1$$

Let $t_1 = (B_1 + B_3)$
Let $u_1 = A_3$
Let $v_1 = (C_1 + C_3)$; this is the input square.

Let R be the number of registered voters at the precinct.

$$\begin{split} m_1 &= \frac{s_1}{s_1 + u_1}, n_1 = \frac{t_1}{t_1 + v_1}, \alpha_1 = \frac{s_1 + u_1}{(s_1 + u_1) + (t_1 + v_1)}, \Omega_1 = \frac{s_1 + t_1}{(s_1 + t_1) + (u_1 + v_1)}, \lambda_1 = \frac{s_1 + v_1}{(s_1 + v_1) + (u_1 + v_1)}, \lambda_2 = \frac{s_1 + v_1}{(s_1 + v_1) + (u_1 + v_1)}, \lambda_3 = \frac{s_1 + v_1}{(s_1 + v_1) + (u_1 + v_1)}, \lambda_4 = \frac{s_1 + v_1}{(s_1 + v_1) + (u_1 + v_1)}, \lambda_5 = \frac{s_2 + u_2}{(s_1 + v_1) + (u_1 + v_1)}, \lambda_5 = \frac{s_3 + u_2}{(s_1 + v_1) + (u_1 + v_1)}, \lambda_5 = \frac{s_3 + u_2}{(s_1 + v_1) + (u_1 + v_2)}, \lambda_5 = \frac{s_3 + u_2}{(s_1 + v_1) + (u_1 + v_2)}, \lambda_5 = \frac{s_3 + u_2}{(s_1 + v_1) + (u_1 + v_2)}, \lambda_5 = \frac{s_3 + u_2}{(s_1 + v_1) + (u_1 + v_2)}, \lambda_5 = \frac{s_3 + u_2}{(s_1 + v_1) + (u_1 + v_2)}, \lambda_5 = \frac{s_3 + u_2}{(s_1 + v_1) + (u_1 + v_2)}, \lambda_5 = \frac{s_3 + u_2}{(s_1 + v_1) + (u_1 + v_2)}, \lambda_5 = \frac{s_3 + u_2}{(s_1 + v_1) + (u_1 + v_2)}, \lambda_5 = \frac{s_3 + u_2}{(s_1 + v_1) + (u_1 + v_2)}, \lambda_5 = \frac{s_3 + u_2$$

In a fair election:

$$n = \Omega + \xi(\Omega - m) = \frac{\Omega - \alpha m}{1 - \alpha} = \frac{(\xi + 1)(\Omega - \lambda) + \xi}{2\xi}; \quad w = \lambda + \xi(\lambda - m) = \frac{(\xi + 1)(\lambda - \Omega) + \xi}{2\xi}$$

In the above sequence of equalities, three of the five proportions must always be known to resolven, however, in Clark County we obtain the illegal cubic manifold equations that yields n_1 with Ω_1 and λ_1 without either α_1 nor m_1 .

Even more outrageous is that the R^2 of this function is rather low, until a third parameter, Ψ , is added. Taking an R^2 of bivariate plane and quadratic of Ω_1 and λ_1 unto n_1 from below 0.99, all the way to 0.998. To ensure there wasn't a trivial correlation with Ψ , artificially increasing the R^2 value, the number of registered voters was randomized across the precincts in tens of millions of simulations, without changing the number of ballots cast, and there was no significant increase in R2 in any of these trials. Thus, this formula works with, and only with, the precise number of registered voters present in each Clark County precinct.

Opposition: Diagonal vs Diagonal

The trivarite cubic equation will have $w_1 = 1 - n_1$ isolated on the right-hand side. In the diagram on the previous page, w_1 is the Light Blue Diagonal Percentage, that is the percentage share of ballots that belong to v_1 amongst t_1 and v_1 , $w_1 = \frac{v_1}{t_1 + v_1}$, in other words, this is the share of Early and Election Day ballots that Lombardo shall receive against the number of Early and Election Day ballots of both Lombardo and Sisolak.

As to how we discern between whether or not t_1 or v_1 was the input square, is to compare the ratios of C_1 : C_3 and B_1 : B_3 to Hyt's A_1 : A_3 ratio in the Sheriff's race. From this we learn that the histogram and quantile plots of C_1 : C_3 have an identical match to Hyt's results in the Sheriff's race, while the histogram and quantile plots Sisolak's B_1 : B_3 ratios are alien, furthermore that there is zero correlation between Sisolaks's B_1 : B_3 ratios and either Hyt's A_1 : A_3 or Lombardo's C_1 : C_3 ratios (also recall that Hyt's A_1 : A_3 ratio was authentic, since Hyt's A_1 , A_3 were logically compelled to be the only authentically input source).

As to the presence of the Ψ parameter, it informs us that this Equation determines the voter turnout in each precinct, and this the general form of this trivariate cubic is identical to the Senate Race (but with a vastly different set of constants), which also invoked the same Ψ parameter, part of the Neural Network's cost function was to make most similar the Republican and Democrat turnouts of the Senate and the Governor Race, while adhering to the proportion of Early to Mail-in to Election Day ballots made manifest by the Sheriff Race.

Once the W_1 proportion is illegally resolved from the cubic surface of Ω_1 , λ_1 and Ψ , both m_1 and α_1 are compelled into existence, since in any election, fair or unfair:

$$w = \frac{(\xi+1)(\lambda-\Omega)+\xi}{|2\xi|} \Rightarrow \xi = \frac{\Omega-\lambda}{(\lambda-\Omega+1-2w)}; \ m = \lambda + \xi(\lambda-w); \ w = 1 - n = \frac{v}{t+v}$$

Since the proportions, $w_{1'}\Omega_{1'}\lambda_{1}$ are known, it compels the value of ξ_{1} , which is proportion of Blue Diagonal to Red Diagonal Ballots, that is $\xi_{1} = \frac{t_{1}+v_{1}}{s_{1}+u_{1}}$, is now forced, and since $\alpha_{1} = \frac{1}{1+\xi_{1}}$, then Gilbert's aggregate percentage share of the ballots in this ballot set is also compelled (Gilbert is the algorithmically intended loser).

Since ξ_1 , w_1 , λ_1 are known, it forces the value of m_1 , which is the percentage of s_1 ballots amongst s_1 and u_1 and tells us proportion of s_1 to u_1 ballots via the identity: $\frac{s_1}{u_1} = \frac{m_2}{1 - m_2}$. Since the value of t_1 is known (the input square), the values of s_2 , u_2 and v_2 are also known, as the pairwise proportions betwixt them have all been forced.

The illegal trivariate cubic equation is as follows, with an $R^2 = 0.9988018849$ (video on next is the 4D surface that the Clark County precincts rest upon when their Ω , λ , w values are plotted in x, y, z space respectively, with Ψ acting as the fourth dimension) The residual values have a left-tailed Poisson distribution, and the residual errors come from, and only from, whether or not they rounded the illegally calculated vote totals up or down to the nearest integer.

$$w = \sum_{k=0}^{k=3} \left(\sum_{j=0}^{j=k} \left(\sum_{t=0}^{l=k-j} \left(\left(z_{k,j,((k-j)-t)} \right) \left(\Psi^{(k-j)-t} \right) \left(\Omega^t \right) \left(\lambda^j \right) \right) \right) \right); \quad z_{k,j,t} \in \mathbb{R}$$

(, - (, ,		
z _{0,0,0}	z _{1;0,0}	Z _{1,0,1}	z _{1,1.0}
1.23432200675597	-12.7924428834813	-4.52074189309496	0.86645936279092
Z200	Z20.1LT Z20.2	2210	Z ₂₁₁₁ Z ₂₂₂₀
-8.25612835213541 14.892	2383673489 5.72812721610535	36.574964039959 2.8915	58378064167 -2.85296044650022
3,0,0	2 1 7 7 2 2 2 3 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	To Manager William	
s 605.670185368042	37.1523531624116	8.5639772178256	7 - 2 43329977143731
7.10		£320 £ 52	
-100.901214897166 -25.109	3777001369 -3.38150119705824	-14.9393149687676 1,3027	0575103349 1.675976666609799

Preface Equation 0.3.2; The Bivariate Real Number Quadratic Mail-in Manifold, Governor

Let Candidate A be Gilbert; let Candidate B be Sisolak; let Candidate C be Lombardo. Let A_1 , A_2 , A_3 be Gilbert's Early Vote, Mail-in Vote and Election Day Vote respectively. Let B_1 , B_2 , B_3 be Sisolak's Early Vote, Mail-in Vote and Election Day Vote respectively. Let C_1 , C_2 , C_3 be Lombardo's Early Vote, Mail-in Vote and Election Day Vote respectively. Let $S_2 = S_2$ Let $S_2 = S_2$ Let $S_2 = S_2$ Let $S_2 = S_2$ Let $S_3 = S_2$ Let $S_3 = S_2$ is the output; S_4 , $S_5 = S_2$ were already illegally calculated. Let $S_2 = S_2$ Let $S_3 = S_2$ Let $S_4 = S_2$ is the output; S_4 , $S_5 = S_2$ were already illegally calculated. Let $S_2 = S_2$ Let $S_3 = S_2$ is the output; S_4 , $S_5 = S_2$ were already illegally calculated. Let $S_4 = S_4$ Let $S_5 = S_4$ is the output; $S_4 = S_4$ were already illegally calculated. Let $S_4 = S_4$ Let $S_4 = S_4$ is the output; $S_4 = S_4$ were already illegally calculated. Let $S_4 = S_4$ Let $S_4 = S_4$ be the number of registered voters at the precinct.

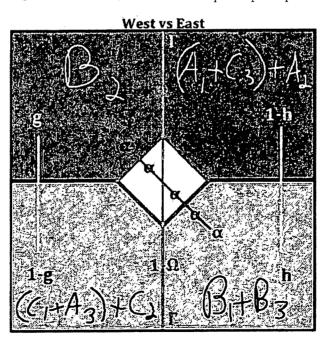
$$g_{2} = \frac{s_{2}}{s_{2}+v_{2}}, h_{2} = \frac{u_{2}}{u_{2}+t_{2}}, \alpha_{2} = \frac{s_{2}+u_{2}}{(s_{2}+u_{2})+(t_{2}+v_{2})}, \Omega_{2} = \frac{s_{2}+t_{2}}{(s_{2}+t_{2})+(u_{2}+v_{2})}, \lambda_{2} = \frac{s_{2}+v_{2}}{(s_{2}+v_{2})+(u_{2}+v_{2})}$$

$$\Gamma_{2} = \frac{u_{2}+t_{2}}{s_{2}+v_{2}} = \frac{1-\lambda_{2}}{\lambda_{2}}, \quad w_{2} = (1-h_{2}) = \frac{t_{2}}{u_{2}+t_{2}};$$

In a fair election:

$$g = \alpha + \Gamma^{-1}(\alpha - h) = \frac{\Omega - \alpha m}{1 - \alpha} = \frac{(\xi + 1)(\Omega - \lambda) + \xi}{2\xi}; \quad w = \Omega + \Gamma(\Omega - g) = \frac{(\Gamma + 1)(\Omega - \alpha) + \Gamma}{2\Gamma}$$

In the above sequence of equalities, three of the five proportions must always be known to resolve g_1 , however, in Clark County we obtain the illegal cubic manifold equations that yields g_1 with h_1 and a_1 without either Γ_1 nor Ω_1 .



The bivariate quadratic equation will have g isolated on the right-hand side. In the diagram on the previous page, g is the West Side Percentage, that is the percentage share of ballots that belong to s amongst s and v, $g = \frac{s}{s+v}$.

Once g is illegally resolved from the quadratic surface of h, α , both Γ and Ω are compelled into existence, since in any election, fair or unfair:

$$g = \alpha + \Gamma^{-1}(\alpha - h) \Rightarrow \Gamma = \frac{g - \alpha}{\alpha - h}; \quad g = \Omega + \Gamma^{-1}(\Omega - w) \Rightarrow \Omega = \frac{g + \Gamma w}{\Gamma + 1} = \frac{g + \Gamma(1 - h)}{\Gamma + 1}$$

Since h_2 is known, and u_2 is the input square, then $t_2 = \frac{h}{1-h}(u_2)$ and is therefore known. Thus A_2 , which is Gilbert's Mail-in Vote, is known known via the subtraction: $A_2 = v_2 - (A_1 + C_3)$.

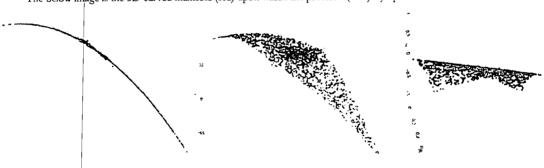
Since the proportions, g_2 , h_2 , α_2 are known, it forces the value of Γ_2 , which is proportion of East Side Ballots to West Side Ballots, that is $\Gamma_2 = \frac{u_2 + t_2}{s_2 + v_2}$, which means we also know $\Gamma_2^{-1} = \frac{s_2 + v_2}{u_2 + t_2}$, which is the proportion of West Side to East Side ballots, thus $(B_2) + ((C_1 + A_3) + C_2) = s_2 + v_2 = \Gamma_2^{-1}(u_2 + v_2)$. Knowing the value of g_2 allows us to split this the sum of s_2 and s_2 , that is: $B_2 = s_2 = g_2(s_2 + v_2)$, which is Sisolak's Mail-in Vote; $t_2 = (1 - g_2)(s_2 + v_2)$; $t_2 = t_2 - (t_2 + t_3)$, which is Lombardo's Mail-in Vote.

The illegal bivariate quadratic equation is as follows, with an $R^2 = 0.9988816647$

$$g_2 = k_0 + k_1 \alpha_2 + k_2 h_2 + k_3 \alpha_2^2 + k_4 h_2 \alpha_2 + k_5 h_2^2$$

k ₀	k ₁	k ₂	k ₃	k ₄	k ₅
0.005070874159	1.535448595	-0.549045972	-0.6614892743	1.303368815	-0.632192474

The below image is the 3D curved manifold (red) upon which the precincts (blue) lay upon.

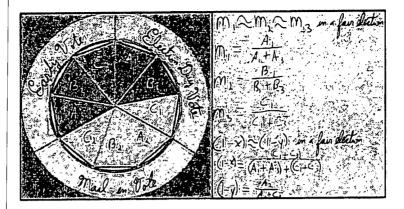


As to why the Neural Network chose to invoke the same Trivariate Turnout Manifold as the Senate race in the first of the equations, yet opted to follow up with quadratic of $g = f(h, \alpha)$ instead of $g = f(\alpha, \Omega)$ shall most likely remain as mysterious as the thought processes which incited the Neural Network, Leela Zero, to execute her Immortal Queen Sacrifice against Stockfish.

https://voutube/AXhToUeOPF8

■ Lecia Chess Zero's Immortal Queen Sacrifice https://teec-chess.com/arricles/Suft/18 - Sadier.odf

TCEC Season 18 Superfinal round 65



Preface Restoration Algorithm 0.2.3; Restoring the Governor's Race

2022, Governor Restoration, Clark County, Nevada

https://docs.google.com/spreadsheets/d/1INL0yJh-Cr9FxQj4d_RYCuBiIJM0h7Ov4F5YGrVBbM4/edit?usp=sharing

Since we have the advantage of the restored Sheriff's Race, the restoration of the Governer's race is far easier, as we can import the ratio of Early to Mail-in to Election Day ballots in each precinct.

Since the second manifold equations informs us that all mail-in totals, A_2 , B_2 , C_2 , are illegitimate outputs, we first act to restore the Early and Election Day Totals, and as there is no correlation betweenLombardo's and Gilbert's Election Day, Early and Mail-in Percentages, we first restore the relationship between Lombardo and Sisolak, since they are correlated, and we know Lombardo's Early and Election Day ratio to not only be preserved, but also identical to Hyt's Early to Election Day ratio in the Sheriff's race.

Is it not surprising that the three candidates, from different races, whose Early to Election Day Ratios were preserved as inputs into their respective manifolds, have hearly identical values (Hyt,Laxalt and Lombardo).

Let $x_{1,i} = \frac{C_1}{C_1 + B_1}$ be Lombardo's Early Vote Percentage amongst Lombardo and Sisolak in each precinct.

Let $y_{1,i} = \frac{A_3}{A_3 + B_3}$ be Lombardo's Election Day Percentage amongst Lombardo and Sisolak in each precinct.

Let
$$\overline{y_{1,i}} = k_0 + k_1(x_{1,i}) + k_2(x_{1,i})^2 + k_3(x_{1,i})^3$$
 be the cubic regression of $y_{1,i}$.

For Clark County: $k_0 = 0.115$; $k_1 = 1.1$; $k_2 = -0.238$; $k_3 = -0.164$

Let $u_{0,i} = x_{1,i}$; $v_{0,i} = \overline{y_{1,i}} - k_0$, this removes the intercept advantage for Sisolak.

Let $r_{0,i} = y_{1,i} - y_{1,i}$, this restores the residual value.

Let σ be the standard deviation of all $r_{0,i}$. If $\theta > 5\%$, then scale all residuals uniformly by $\frac{5\%}{\sigma}$.

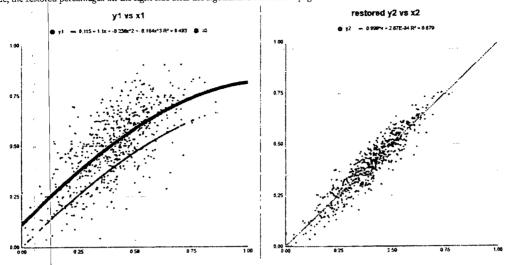
Set
$$\theta_i = \frac{\pi}{4} - ARCTAN(\frac{v_{0,i}}{u_{0,i}})$$
 for all precincts.

Set $u_{1,i} = u_{0,i} cos\theta_i - v_{0,i} sin\theta_i$; $v_{1,i} = u_{0,i} sin\theta_i + v_{0,i} cos\theta_i$. This smashes the cubic into the y = x line, while preserving the magnitude of the hijacked vector.

We now set $(x_{2,i}^{\dagger}, y_{2,i}) = (u_{1,i}, v_{1,i})$. If either coordinate is above or below 0% to 100%, then we reset to 0 to 1 respectively, These are the restored percentages.

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Below is the graph of the original Early Vote Percentage (horizontal axis) vs the original Election Day Percentage (vertical axis) on the left side, the restored percentages on the right side after the algorithm on the above page is executed.



Now we set $d_i = C_1 + B_1$, the total number of Early Ballots for Lombardo and Sisolak in each precinct.

Now we set $f_i = C_3 + B_3$, the total number of Election Day Ballots for Lombardo and Sisolak in each precinct

Let $S_i = (x_{2,i})(d_i)$ be Lombardo's Intercessory Early Vote in each precinct.

Let $t_i = d_i - s_i$ be Sisolak's Intercessory Early Vote in each precinct.

Let $u_i = (y_{2i})(f_i)$ be Lombardo's Intercessory Election Day Vote in each precinct

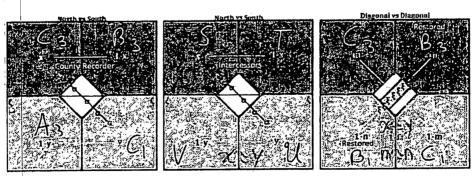
Let $t_i = f_i - u_i$ be Sisolak's Intercessory Election Day Vote in each precinct

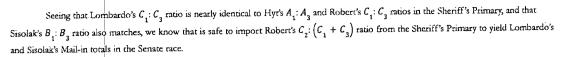
Let $Z_{1,i} = \frac{C_3}{s_i}$ be the North Side Scale in each precinct.

Let $Z_{2,i} = \frac{C_1}{u_i}$ be the South Side Scale in each precinct.

Let $C_{1,2,i} = Z_{1,i}(s_i)$; $B_{1,2,i} = Z_{1,i}(t_i)$; $C_{3,2,i} = Z_{2,i}(u_i)$; $B_{3,2,i} = Z_{2,i}(v_i)$, each rounded to the nearest

integer, be the restored Early and Election Day totals of Lombardo and Sisolak





Recall that $n_{3,2,1} = \frac{c_2}{c_2 + (c_1 + c_3)}$ is Robert's Mail-in to combined Early+EDV total in the Sheriff's race.

Let
$$C_{2,2,i} = \left(\frac{n_{3,2,i}}{1-n_{3,2,i}}\right) \left(C_{1,2,i} + C_{3,2,i}\right)$$
, which is the product of Robert's *n* percentage with the sum of Lombardo's

Early and Election Day Vote, be Lombardo's restored Mail-in Vote.

Let
$$B_{2,2,i} = \frac{1}{n_{3,2,i}} \left(\frac{n_{3,2,i}}{1 - n_{3,2,i}} \right) \left(B_{1,2,i} + B_{3,2,i} \right)$$
, which is the product of Robert's n percentage with the sum of Sisolak's Early and Election Day Vote, be Sisolak's restored Mail-in Vote.

We now have the restored totals for Lombardo and Sisolak, in all modes of voting. We now proceed to restore Gilbert's totals.

Let
$$q_{1,i} = \frac{C_{1,2,i}}{C_{1,2,i} + C_{3,2,i}}$$
; $q_{2,i} = \frac{B_{1,2,i}}{B_{1,2,i} + B_{3,2,i}}$ be Lombardo's and Sisolak's Early to EDV ratio in each precinct.

Since
$$q_{1,i} \approx q_{2,i}$$
 across the precincts, let $q_{3,i} = \frac{1}{2}(q_{1,i} + q_{2,i})$ be Gilbert's Early to EDV ratio in each precinct.

Let
$$W_i = A_{3.0,i} + A_{3.0,i}$$
 be the sum of the County Recorder totals for Gilbert's Early and EDV ballots.

Let
$$A_{1,1,i} = (q_{3,i})(w_i)$$
 be Gilbert's Intercessory Early Vote, rounded to the nearest integer.

Let
$$A_{3,1,i} = w_i - A_{1,1,i}$$
 be Gilbert's Intercessory Early Vote.

Let
$$A_{2,1,i} = \frac{1}{(1-n_{3,2,i})} (w_i)$$
, which is the product of Robert's *n* percentage with the sum of Gilberts's Early and Election

Although we've restored the proportions of A_1 : A_2 : A_3 , we do not yet know the proportion of the sum of all of Lombardo's and Sisolak's ballots to Gilbert's. Thankfully, the solution to this is rather easy.

Let $oldsymbol{\Lambda}_{j}$ be the total sum of ballots cast in each precinct in the county recorder data for Lombardo, Sisolak and Gilbert.

Let ρ_i be the total sum of restored ballots for Lombardo and Sisolak.

Let
$$\Delta_i = \Lambda_i - \rho_i$$
, be the difference of Lombardo's and Sisolak's restored totals from the Total Ballots Cast.

Let ω , be the total sum of county recorder ballots for Gilbert.

Let
$$Z_{3,i} = \frac{\left|\Delta_i\right|}{\left|\omega_i\right|}$$
 be the Great Scale in each precinct.

Let
$$A_{1,2,i} = z_{3,i}(A_{1,1,i})$$
; $A_{2,2,i} = z_{3,i}(A_{2,1,i})$; $A_{3,2,i} = z_{3,i}(A_{3,1,i})$ be the restored values of Gilbert's Early, Mail-in and Election Day Totals in each precinct.

In Columns O:Y on the Original Data sheet, the restored values can be found: 2022, Senate Restoration, Clark County, Nevada https://docs.google.com/spreadsheets/d/1cXM7j9T-Pp_6pEWBCABC1fR5EEn8dt92RcqipHofJs0/edit?usp=sharing

Original 2 8802 (1) 5 7652 (1) 1850 (2) 22048 70327 13441 16420 2423	Ser. Grant Com.
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Results 3 Gilb	ert Sisolak	Lombardo Republican	Democrat	Republican % Early% MiV% EDV%.
Grandy Tools 285	105816	(SSIS) 84165	105816	44.30% 20.655 ENTES 20.605
Restored	12 "62102"	44083 127895	62102	67.31% 37.74% 27.14% 35.12%

			Lombardo
Original Total	F 18300	44 (1058 16 V S	-27557
Restored Total	83812	62102	44083 39729

Although the action of the manifolds to upset the winner of the election is always a sad sight, what is most striking about this restoration is that percentage of Republican ballots cast increased from 50.38%, which is a 1:1 ratio of Democrats to Republicans, to 75.06%, which is a 3:1 ratio of Republicans to Democrats, and demonstrates that such a massive change was indeed possible in the 2020 General Election.

		206 ELOMBARDO ॐ :4% sayasa		3,664 NOEY GILBERT 27.6% 4834.56		DEAN HELLER 13.5% 23,556	79% EXPECTED VOTE IN
County	Percent	Votes	Percent	Votes	Percent	Votes	% in
Carson City	24.8%	1,458	30.4%	1,789	25.4%	1,494	77.7% in
Churchill	18.4%	692	35.5%	1,333	29.9%	1,122	77.1% in
Clark	45.4%	16,708	23.9%	24,582	8.6%	8,825	91.4% in
Douglas	291%	1,878	29.3%	1,889	17.5%	1,131	48.2% in
Elko	22.4%	1,068		2.040	20.7%	886	89.4% in

EXHIBIT B

EXHIBIT B

Dr. Oliver A. Hemmers

281 Gingerbread Street Henderson, NV 89012

Phone: (702) 525-8767 Email: Oliver.Hemmers@gmail.com

July 02, 2022

Craig A. Mueller, Esq. Mueller and Associates 808 South Seventh Street Las Vegas, Nevada 89101

Re: Request for an expert opinion on the 'Clark County, 2022, Governor Primary Precinct Analysis' Summary

Dear Mr. Mueller:

I was initially contacted on June 30, 2022 and was requested to provide my expert opinion as a mathematically trained physicist on the Summary of a report on the Clark County, 2022, Governor Primary Precinct Analysis.

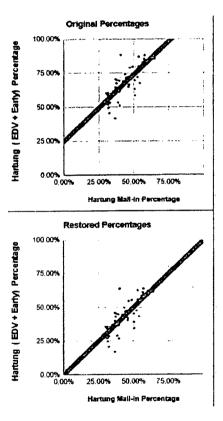
My educational background is in quantum physics, specifically atomic and molecular physics, and I received a PhD in that field from the Institute for Radiation and Nuclear Physics at the Technical University in Berlin, Germany (1993). I worked in my area of research for 27 years and designed/built unique elementary particle analyzers and containment vessels capable of spectroscopically analyzing gaseous, liquid and solid samples for photo absorption, electron and ion emissions including partial-differential cross sections within high-vacuum experimental chambers. The required data analysis involved statistical particle distribution and regression analysis, and mathematical data interpretation techniques to discern real physics-based data from experimental artifacts, fake signals, and electronic interferences.

Opinion on the Summary Report titled 'Clark County, 2022, Governor Primary Precinct Analysis'

- 1) The paper under review [1] claims that a mathematical analysis can determine the difference between a fair and an unfair election, and where the unfair election is an election for which the results are predetermined algorithmically. It is assumed that causality is a valid assumption during an election where the effect cannot precede the cause, more specific that knowing the aggregate percentage of votes for a candidate cannot precede the election day and mail-in percentages. This might seem to be a trivial assumption, but it lies at the very core of the analysis.
- 2) In the preface, two examples are presented for a bivariate analysis [2] related to election results. A bivariate (Two-Variables) is described as follows [2]: The analysis of two specific variables to determine the empirical relationship present between them is referred to as bivariate analysis and it is considered to be one of the simplest forms of quantitative analysis. It is of utmost help when it comes to testing simple hypotheses of association and determining the extent to which it becomes easier to predict the value of one particular variable, given the value of the other variable is already known. There are three main types of bivariate analysis:
 - a. Scatter Plots: It makes use of dots to represent the values for two different numeric variables.
 In other words, it provides us with a visual idea of what pattern the variables are following.

- b. Regression Analysis: This involves a wide range of tools that can be utilized to determine just how the data points might be related. It tends to provide us with an equation for the curve/line along with giving us the correlation coefficient.
- c. **Correlation Coefficients:** This shows how one particular variable moves about with relation to another.
- 3) In certain cases of bivariate data, one variable is said to determine or influence the other one. These two types of variables are distinguished as independent and dependent variables. The former refers to a situation wherein neither of the variables is considered to be dependent on each other.[2]

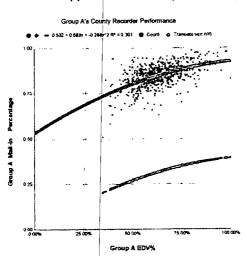
 A simple example is the relationship that exists between teenagers reading (independent variable) and their scores in English (dependent variable). Cause -> Effect
- 4) The paper specifically uses the bivariant real number plane formular and the West vs. East paradigm to calculate the results as shown in [3,4].
- 5) The Preface concludes with a brief explanation how the election results were successfully restored for the 2020 Election of Hartung vs. Baker [4]. The data and calculations are shown in [4]. The data can be shown in form of two graphs, one is the original data (top), and one is the restored data (bottom).

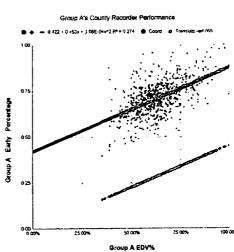


The blue dots represent the results of the individual election precincts, and the red curve is a polynomial (quartic) fit through the blue data cluster. The fact that in the top graph the red line does not end at 0%/0% as shown in the bottom graph, means that there is a problem with the election results. In a fair election, the sum of the Early Day and Election Day votes should produce very similar results to the Mail-in votes when the regressions analysis has a high confidence (usually called R²), meaning the x-values and the y-values should be similar (when x is 10% then y should be close to 10% as well) and not off by 25%.

a) Even when Hartung received 0% of the Mail-in votes, he would "magically" receive 25% of the combined Election Day and Early Votes. This is impossible. Also, should Hartung receive 100%

- of the Election Day and Early Votes then Baker would "magically" receive 25% of the Mail-in votes (100% minus his 75% =25%). Again, this is not possible in a fair election.
- b) Even though this discrepancy is not proof of fraud nor an explanation of what type of fraud rigged the election, it is still possible to correct the numbers and restore the true values, as if there was a fair election. The result is shown in the bottom picture and the calculated values can be found in [4].
- c) This method of the applied Election Restoration Algorithm has been successfully used over the past two years not only on Hartung vs. Baker but also for Maricopa, Philadelphia, Atlanta, Dallas and Tarrant, Macomb and Oakland, as well as the last federal election.
- 6) The same methods [5] that have been honed and applied to various elections over the past two years, have been applied to the Group B vs Group A candidates in the 2022 Gubernatorial Primary [6].





- a. As an example, the Group A data is shown in the two figures above. The blue dots are from [6], the red curve is a polynomial fit through the blue dots and the pink line is an extrapolation of the polynomial fit using the shown equation in the graph. Both have the Election Day vote percentages on the x-axis. As for the y-axis, the left graph has the Mail-in percentages and the right graph the Early vote percentages. It can be seen that the y-intercepts and the polynomial spines between the two graphs are quite different. Reference [1] shows the restored positions of Group A's Election Day percentage which are virtually the same in both graphs [1].
- b. In order to be able to restore the original data it is important to identify what part of the data is authentic in order to make the corrections to the illegal data. As written in [1], for the illegal equations that govern the percentages of ballots cast between Group B vs Group A, the input percentage is h (as shown on page 3 in [1]), which is equal to Group B's Mail-in vote divided by Group A's combined Early and Election Day votes. From that we know that Group A's Mail-in vote and Group A's Early and Election Day votes are authentic.
- c. Therefore, you can restore Group A's and Group B's totals and then multiply the individual vote totals of each candidate in each group by the net proportions of change between collectives of Group A and B in each precinct.

Summary

1) Reference [1] and the included references therein describe how using a restoration algorithm that is based on the well-established mathematical Bivariate Analysis [2] in particular the Bivariate Real Number Plane Formula [5], which has been applied numerous times over the past two years for many US county elections can also be applied to the recent 2022 Gubernatorial Primary in Nevada.

- 2) For the mathematical restoration of the original data, it is not necessary to claim fraud nor to know any specifics of the fraud.
- 3) The applied restoration of the official election results shows a significant difference between original and restored election data for all candidates reviewed.

Professional Opinion and Basis of these Opinion

It is my professional opinion that the reviewed paper [1] including the references therein is based on established statistics and statistical analyses and correct in its described methods that have been applied numerous times over the past two years. It is also evident that a restoration of the 2022 Gubernatorial Primary election data is necessary in order to correct for obvious major flaws in the original data. This restoration will affect all candidates' election results significantly.

Information considered in Formulating the Above Opinions

- 1. "Clark County, 2022, Governor Primary Precinct Analysis; Summary".
- 2. Bivariate Analysis Types and Examples (vedantu.com)
- 3. Restored Nevada 2022 Primary Elections Google Sheets
- 4. Restored Washoe Elections Google Sheets
- 5. Clark and Washoe Precinct Analysis Google Docs
- 6. Clark County, NV (clarkcountynv.gov)

Attachments

Curriculum Vitae of Dr. Oliver Hemmers

Compensation

My fee schedule is \$200.00 per hour plus expenses. To review all materials to date and prepare this report, I have spent 11 hours. I have not been compensated, yet.

Should you require clarification of any of the material contained herein, please do not hesitate to contact me.

Thank you for the opportunity to assist you in this matter.

Sincerely,

Dr. Oliver A. Hemmers

- 2) For the mathematical restoration of the original data, it is not necessary to claim fraud nor to know any specifics of the fraud.
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Dr. Oliver A. Hemmers

EXHIBIT C

EXHIBIT C

Curriculum Vitae Dr. Oliver A. Hemmers

Education, Research, and Leadership Experience

1. Education

Dr. (rerum naturalium) in Physics, "Correlation Effects in small Molecules", Technische Universität Berlin, Germany, 1993, Advisor: Professor Dr. Uwe E. Becker – Magna Cum Laude

Diplom (M. Sci.) in Physics, "Studies of Correlation Effects in Molecules with Synchrotron Radiation", Technische Universität Berlin, Germany, 1988, Advisor: Professor Dr. Uwe E. Becker

2. Non-Academic Positions

2020 - Present 2015 - 2021 2015 - Present 2014 - 2020 2002 - Present 2001 - 2021 2012 - 2016 2010 - 2013 2009 - 2012	Founder and Owner of Infinity Health Solutions – Consulting and Broker Services Vice President for Operations at Infinity Capital Management – Health Care Finance President of Skybot Challenge a 501(c)3 non-Profit for STEM Education Advisor to the Trans Global Business and Conventions Agency Co-Founder and Director at GPmicro, a Cloud Backup Company Director, Member of the Board, Infinity Capital Management Chairman of the Board for the Nevada Alliance for Defence, Energy, and Business Advisory Board Member, Longenecker and Associates, Inc. Scientific Advisory Board Member and Reviewer, Nevada Institute for Renewable
2009 – 2012 2002 – 2012	Energy Commercialization (NIREC) Member of the Green Technology Committee of the Nevada Development Authority Co-founder, Director, and Member of the Board, Gruintine Pueche, Inc.

3. Academic and Administrative Positions

2014 - 2016 2013 - 2014 2011 - 2014 2011 - 2014 2011 - 2014 2008 - 2013 2009 - 2011 2009 - 2010 2006 - 2009 2009 - 2014 2006 - 2009 1998 - 2006 1994 - 1998	PhD Thesis Advisory Committee Member Research Project Director for the Vice President for Research, UNLV Director of the UNLV Initiative for High-Energy X-Ray Applications (HEXA) Associate Director of the Nevada System of Higher Education EPSCoR Program DOE EPSCoR Project Director for the State of Nevada Executive Director, Harry Reid Center for Environmental Studies, UNLV Acting Director, Marjorie Barrick Museum, UNLV Executive Director, Transportation Research Center, UNLV Director, Office of Strategic Energy Programs, UNLV Research Professor, UNLV Associate Research Professor, Department of Chemistry, UNLV Postdoctoral Fellow, Department of Chemistry, UNLV
1994 – 1998	Postdoctoral Fellow, Department of Chemistry, UNLV
1993 – 1994	Postdoctoral Fellow at the Surface Science Division, Fritz-Haber-Institute of the Max-Planck Society in Berlin, Germany
1988 – 1993	Research Assistant, Department of Physics, Technical University Berlin, Germany

4. Academic Service

2013 - 2014	Accelerator Facility Radiation Safety Committee
2012	Member of the Harry Reid Silver State Award Review Committee
2011 - 2014	Chair of the UNLV Accelerator Project Advisory Committee
2011 - 2013	Member (ex-officio) of the UNLV Research Council
2010 - 2012	Member of the UNLV Sustainability Council

2009 – 2013 2008 – 2013	Member on the Council on Centers, Institutes, Museums, and Laboratories Member of the UNLV Academic Council
2008 – 2013 2008 – 2013	Member of the UNLV Deans' Council Chair of the HRC Executive Committee

5. Research Activities & Interests

- Optimization of biodiesel/biofuel production processes
- Hydrogen fuel storage technologies
- Materials for Solar Power Production
- New materials under extreme conditions for energy research
- Physics of Climate Change
- Applications of soft x-ray spectroscopy using synchrotron radiation on gas-phase, solids and surfaces to probe electronic structures, correlations and processes.
- High-Energy X-Ray Applications for UNLV Accelerator Initiative
- Material science such as the synthesis and characterization of surrogate substituted fluorapatite for long-term nuclear waste storage

6. Research Management Experience

- Successfully completed the reconstruction of the UNLV facility that houses the UNLV Program for High-Energy X-Ray Applications (2010 – 2014) and installed and made operational the first Varian M6 Linatron accelerator (August 2014) for the user community. Planned efforts include development of nuclear materials transmutation research as well as radiography applications and radiation resistance studies related to cancer research and future space travel.
- Appointed as the NSHE lead in the State of Nevada effort to respond to the FAA SIR on establishing test
 sites within the US for to help to determine how to successfully integrate unmanned aerial
 vehicles/systems into the US air space (2012 to 2013). Appointed by Governor's Office of Economic
 Development (GOED) in June 2012 to head up FAA test site proposal development and writing effort
 and to coordinate with 30+ stakeholders the overall proposal structure and content in support of GOED.
 FAA awarded Nevada as one of 6 new US Test Sites on December 30, 2013.
- UNLV Lead to establish a Cyber security Initiative with Oak Ridge National Laboratory, Nevada National Security Site, University of Tennessee, Knoxville, Louisiana Tech University, and Mississippi State University to work on extreme cyber test beds such as major power grid infrastructure and other relevant cyber security issues (2011 to 2013).
- Managed as Executive Director the Harry Reid Center for Environmental Studies (HRC) at UNLV and developed research themes (Energy & Materials, Environment, Health, and Security) to further focus the HRC mission areas for better campus integration. In 2012, HRC had 68 active projects with a total funding volume of \$21M. Total personnel 67 professional/classified staff, 5 postdoctoral scholars, 28 graduate and 24 undergraduate students. In 2012 HRC outperformed the sum of all other research centers at UNLV by more than a factor of two and was only second to the College of Science in total research funding.
- Restructuring (Nov. 2008 to June 2010) the UNLV Harry Reid Center for Environmental Studies to better meet the demands of interdisciplinary research across campus and orchestrating campus-wide environmental and renewable energy related efforts including research, education and outreach
- Leading the restructuring of the Transportation Research Center (in 2010/11) that was moved from the College of Engineering (CoE) to the HRC and then successfully returned as one of the CoE strongest research unit.
- Leading the assessment and restructuring of the Barrick Museum, which lost all research activities due
 to State funding cuts and the transition of the defunct Museum into the College of Fine Arts to become a
 successful Museum for Fine Arts.
- UNLV managerial point of contact for the Nevada Renewable Energy Consortium and the state-wide Task Leader for Solar Energy Research projects within the Consortium from 2009 to 2012.

- Project manager and lead-PI on a DOE funded project (\$6.9 million) that focuses on the development of biodiesel using ionic transfer membranes involving over 20 researchers from UNLV and one external company.
- Principal Investigator on a DOE funded project on Hollow Glass Microspheres: Glasses and Nanocomposites for Hydrogen Storage.
- State of Nevada Director for DOE EPSCoR Programs and Deputy Director for the Nevada EPSCoR Program.
- PI or co-PI on about \$12 million in research funding over the last 18 years with most of the funds being allocated to projects at UNLV.
- Supervised and co-mentored over 50 students, post-docs and research professors

7. Student and Postdoctoral Research Advisor

Total Undergraduate Students Advised and co-supervised: 23

Total Graduate Students Advised and co-supervised: 9

Total Postdoctoral Scholars Sponsored and co-supervised: 12

8. Research and Project Grants

Funded Research Grants (including Program Management) as Pl or co-Pl:

- Secured for UNLV a new Varian K-15 Linatron X-Ray accelerator, including a 5-year service contract with a total value of \$2.8M.
- UNLV Accelerator Facility renovation funded by UNLV \$1.8M, Equipment and services donated by Varian to date (June 2013) about \$1M.
- "Global Security Directorate Initiatives", DOE (ORNL) (funding allocated, total \$100k), 1 year and 2 months project period, starting date 11/2012.
- "Development of Biofuels using Ionic Transfer Membranes III", DOE (funded, total \$1,875M), 2-year project period, starting date 1/2011.
- "Efficient thermal management and temperature amplification for lunar based systems", NASA (funded, total \$750k), 12 months project period, starting date 10/2010.
- "X-Ray Interactions with Molecules", NSF (funded, total \$440k), 3 year project period, starting date 7/2010.
- "Hollow Glass Microspheres: Glasses and Nano-composites for Hydrogen Storage", DOE (funded, total \$654k), starting date 1/2010.
- "Development of Biofuels using Ionic Transfer Membranes II", DOE (funded, total \$1,28M), 18 months project period, starting date 7/2009.
- Applied Research Initiative (ARI) match funds for "Development of Biofuels using Ionic Transfer Membranes" | State of Nevada General Fund (funded, total \$221k), starting date 11/2006.
- "Hydrogen Fuel Cells and Storage Technology Task 11", DOE (funded, total \$200k), 2nd year, starting date 9/2006.
- "Development of Biofuels using Ionic Transfer Membranes", DOE (funded, total \$3,7M), starting date 7/2006.
- "X-Ray Atomic and Molecular Spectroscopy: Probing Fundamental Interactions between X-Rays and Matter", NSF (funded, total \$450k), 3-year project period, starting date 7/2006.
- "Material and Environmental Science with X-Rays", PNNL (funded, total \$83k), 11 months, starting date 10/2005.
- "Hydrogen Fuel Cells and Storage Technology Task 11", DOE (funded, total \$200k), 1st year, starting date 9/2005.
- "X-Ray Atomic and Molecular Spectroscopy: Probing Fundamental Interactions between X-Rays and Matter", NSF (funded, total \$45k), 1-year project period, starting date 7/2005.
- "Material and Environmental Science with X-Rays", PNNL and LBNL, (funded, total \$17k), 4 months, starting date 6/2005.
- "Material and Environmental Science with X-Rays", EUV Technology, Inc., (funded, total \$10k), 2 months, starting date 11/2004.

- X-Ray Laser Photoelectron Spectroscopy", LLNL, (funded, total \$32.5k), 2 years, starting date 5/2003.
- "Material and Environmental Science with X-Rays", Univ. Of Alberta, CA, (funded, total \$51k), 3-year project period, starting date 7/2002.
- "X-Ray Atomic and Molecular Spectroscopy: Probing Fundamental Interactions between X-Rays and Matter", NSF (funded, total \$425k), 3-year project period, starting date 7/2002.
- "Evaluation of Fluorapatite as a Waste-Form Material", UNLV Transmutation Research Program, Task 16, Advanced Fuel Cycle Initiative, DOE (funded, total \$476k), 3-year project period, starting date 8/2002.
- Post-doctoral support to work at the Department of Chemistry, UNLV, German Research Society (DFG), funded \$60k for 18 months, 5/95 4/96 and 10/96 9/97.

9. Research Accomplishments

- 100 publications most of them peer-reviewed
- 200 presentations at national and international scientific conferences/meetings
- 18 invited talks at national and international scientific conferences/meetings and institutions
- 21 public speaking engagements, one book, two patents

10. Patents

Patent # 7,047,377 "FLEXIBLE REMOTE DATA TRANSFER AND DATA SYNCHRONIZATION", May 16, 2006.

Patent # 8,663,429 "HOLLOW GLASS MICROSPHERE CANDIDATES FOR REVERSIBLE HYDROGEN STORAGE, PARTICULARLY FOR VEHICULAR APPLICATIONS", March 4, 2014.

11. Research Education and Lead

Research Professors

Research Professor Dr. Craig Palmer (2008 – 2013) – supervisor

Research Professor Dr. Denis Beller (2008 - 2013) - supervisor

Research Professor Dr. David Stahl (2010 - 2012) - supervisor

Assoc. Research Professor Dr. K.E. Lipinska (2006 - 2013) - supervisor

Assoc. Research Professor Dr. Jian Ma (2008 - 2013) - supervisor

Assoc. Research Professor Dr. Thomas Hartmann (2008 - 2013) - supervisor

Assoc. Research Professor Dr. Anthony Hechanova (2008 - 2010) - supervisor

Assoc. Research Professor Dr. Wayne Stolte (2008 – 2014) – co-supervisor

Assist. Research Professor Dr. Allen Johnson (2008 - 2012) - supervisor

Post-Doctoral Scholars

- Dr. David Gardenghi (6/2012 2014) co-supervisor
- Dr. Jason Young (10/2007 6/2008) co-supervisor
- Dr. Iraida Demchenko (7/2007- 9/2011) supervisor
- Dr. Anna Wolska (7/2002 6/2005) co-supervisor
- Dr. Björn Zimmermann (7/2002 6/2004) co-supervisor
- Dr. Renaud Guillemin (12/2000 8/2005) co-supervisor
- Dr. Sung-Woo Yu (5/2000 3/2004) co-supervisor
- Dr. Ponnusamy Nachimuthu (5/2000 9/2006) co-supervisor
- Dr. Gunnar Öhrwall (9/1999 7/2001) co-supervisor
- Dr. Marcelo Sant Anna (4/1999 1/2001) co-supervisor
- Dr. Ivan Dominguez-Lopez (1/1999 12/1999) co-supervisor
- Dr. David Hansen (6/1998 2/1999) co-supervisor

Graduate Students

Jason Thompson (2013 - 2014) - supervisor Kyle Bowen (2011 - 2016) - co-supervisor Patricia Kalita (2010 - 2014) - co-supervisor Amanda Hudson (1/2002 -9/2007) PhD, M.S. in Chemistry 12/2003 - co-supervisor Lan Dang (1/1998 - 12/2006) M.S. in Chemistry 7/2001 - co-supervisor Cong-Ich Tran (1/2001 - 1/2007) M.S. in Chemistry 8/2003 - co-supervisor G.W. Chinthaka Silva (1/2002 - 8/2005) M.S. in Chemistry - co-supervisor Chirantha P. Rodrigo (8/2002 - 5/2005) M.S. in Chemistry - co-supervisor Ina P. Bashta (1/2002 -5/2004) B.S. in Chemistry - co-supervisor

Undergraduate Students

Robert Gray (2013 - 2014) - supervisor Anna Childs (2011 - 2013) - co-supervisor Kyle Bowen (2007 – 2011) – co-supervisor Raniav Kaushal (2005, 2007) - supervisor Satpreet Singh (2005) - supervisor Dyane Hill (2005) - supervisor Joe Baker (2002 - 03) - co-supervisor Felice Ferri (2001 - 03) - co-supervisor Monica Pangilinan (2001) - co-supervisor Sierra Laidman (2001) - co-supervisor Inna Bashta (2000-02) - co-supervisor Jennifer Overberg (2000 - 01) - co-supervisor Maraya Lotrakul (1999 - 02) - co-supervisor Melanie Blackburn (1999) - co-supervisor Tara Goddard (1999) - co-supervisor Colin Cunliff (1999) - co-supervisor Jason Fong (1996 - 2000) - co-supervisor Scott Oblad (1996) - co-supervisor Brett Vanderford (1996) - co-supervisor Ryan Martin (1996) - co-supervisor Jeanette Daniels (1995) - co-supervisor Greg Fisher (1994 + 95) - co-supervisor Tammy Nguyen (1994) - co-supervisor

12. Research Collaborations

Hebrew University of Jerusalem, Jerusalem, Israel Amusia, M. Ya. Departamento de Quimica, Universidad del Valle, A. A. 25360 Cali, Colombia Arce, J.C. Western Michigan University, Kalamazoo, Michigan Berrah, N. Department of Physics, Indian Institute of Technology-Madras, Madras, India Chakraborty, H.S. Lawrence Livermore National Laboratory Cheng, K.T. CEA/DRECAM/SPAM, CEN Saclay, 91191 Gif /Yvette Cedex, France Ceolin, D. Physical-Technical Institute, St. Petersburg, Russia Chernysheva, L.V. University of Nevada, Reno Derevianko, A. Department of Physics, Indian Institute of Technology-Madras, Madras, India Deshmukh, P.C. University of California at Davis Fadley, C.S. Laboratoire de Chimie-Physique Matiere et Rayonnement Guillemin, R. University of Nevada, Las Vegas Heske, C. University of Notre Dame Johnson, W.R. Argonne National Laboratory Kanter, E.P. Argonne National Laboratory Krässig, B. Max-Born-Institut, Berlin, Germany Langer, B.

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Leclercq, N.
LeGuen, K.
Lubell, M.S.

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Miron, C.

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University of Western Michigan

Air Force Page 2014

Sheehy, J.A. Air Force Research Laboratory, AFRL/PRSP, Edwards AFB, CA

Simon, M. Laboratoire de Chimie-Physique Matiere et Rayonnement

Southworth, S.H. Argonne National Laboratory

Wehlitz, R. Synchrotron Radiation Center, University of Wisconsin University of Wisconsin-Eau Claire, Eau Claire, Wisconsin

Yu, S.-W. Lawrence Livermore National Laboratory
Zhou, H.I. Georgia State University

Zhou, H.L. Georgia State University
Zimmermann, B. Max-Planck-Institute for the Physics of Complex Systems, Dresden, Germany

13. Professional Services

- Member of the Nevada Institute of Renewable Energy Commercialization's (NIREC) Technology Commercialization Advisory Board (TCAB) (2010 – 2012)
- Member of the Institutional Management team of the NSHE Nevada Renewable Energy Consortium (NVREC) and the Management Advisory Committee (2009 – 2012)
- Member of the NDA Green Technology Committee (2009 2012)
- Reviewer for the American Institute of Physics (Physical Review Letters and Physical Review A)
- Reviewer for the Institute of Physics (Journal of Physics B and the New Journal of Physics)
- Reviewer for the National Science Foundation
- Reviewer for Fonds zur F\u00f6rderung der wissenschaftlichen Forschung (Austrian Science Fund)
- Physical Review Letters; Physical. Review. B; NSF Sustainable Energy Pathways Review Panel, on sustainability of photovoltaic systems, Proposal reviewer for the Austrian Science Fund

14. Professional Events Organization

- Co-Chair of the Workshop on X-Ray Atomic and Molecular Spectroscopy using Synchrotron Radiation from the Advanced Light Source, UNLV, May 23-24, 1994
- Co-Chair of the Workshop on X-Ray Atomic and Molecular Spectroscopy using Synchrotron Radiation, UNLV, December 6-7, 2001
- Chair of the 2007 Inaugural Energy Symposium, UNLV, August 15-16, 2007
- Member of organizing committee for the first National Clean Energy Summit, UNLV, August 18-19, 2008
- Chair of the UNLV Renewable Energy Symposium, UNLV, August 20, 2008
- Session Chair (Biofuels) of the 42nd Western Regional Meeting of the American Chemical Society, September 23 -27, 2008, Las Vegas, Nevada.
- Chair of the 3rd Annual UNLV Renewable Energy Symposium, UNLV, August 11-12, 2009
- Chair of the Second Annual Nevada Renewable Energy Consortium Meeting, UNLV, August 20, 2010
- Co-Chair and Moderator (Panel 3) of the 2010 UNLV Clean Energy Forum: A Game Changing Agenda for a Sustainable Energy Future, UNLV, September 8, 2010
- Co-Chair (IWP Int. Advisory Com., RIXS Int. Advisory Com., Local Organizing Committee) of the joint workshops the 2011 International Workshop on Photoionization (IWP) and the 2011 International Workshop on Resonant Inelastic X-ray Scattering (RIXS), Las Vegas, Nevada, May 22-27, 2011.
- Organizer and Panelist on public Forum "Fukushima Daiichi Nuclear Power Plant Accident: What happened, could it happen here, and what are the implications to U.S. policy?" at the Barrick Museum Auditorium, Las Vegas, March 21, 2011

- Organizer and Panelist on public forum commemorating the 25th anniversary of the Chernobyl nuclear plant disaster and a round-table discussion on "America's Portfolio: What is Nuclear Energy's Role?" at the Barrick Museum Auditorium, Las Vegas, April 26, 2011
- Co-hosted and organized meetings with NSTec and NASA officials to explore research collaborations with UNLV.
- Hosted the Fourth Integrated Symposium on Collaborative Research Initiatives between National Security Technologies, LLC and the University of Nevada, Las Vegas on February 28, 2012.
- Biofuels kick-off meeting phase III at UNLV on September 7, 2012.
- Hosted the first Cyber Security Collaborations Symposium at the Stan Fulton Building September 11, 2012. The symposium and participants were part of a collaboration between HRC/UNLV, Oak Ridge National Laboratory, the University of Tennessee, Louisiana Tech, and Mississippi State University
- Co-organized and co-hosted the USAF-UNLV UAS and Cyber Security Meeting, 7 March, 2013
- Co-organized with USAF and moderated a Symposium called 'Titans of Industry', JW Marriott Las Vegas Resort & Spa • 26 & 27 June, 2013

15. Professional Memberships

American Physical Society (1988 to 2014)

American Association for the Advancement of Sciences (2010 to 2014)

16. Teaching

Fall 2001

UNLV Chemistry

Molecular Spectroscopy - CHE 793

17. Publications - Refereed Journal Articles

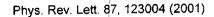
- 1.) U. Becker, R. Wehlitz, O. Hemmers, B. Langer, and A. Menzel: Observation of Participator Auger Decay following Valence Photoionization with Excitation Phys. Rev. Lett. 63, 1054-1057 (1989)
- 2.) B. Langer, J. Viefhaus, O. Hemmers, A. Menzel, R. Wehlitz, and U. Becker: High-resolution photoelectron spectrometry study of conjugate shakeup processes in the Li 1s threshold region Phys. Rev. A 43, Rap. Comm. 1652-1655 (1991)
- 3.) R. Wehlitz, F. Heiser, O. Hemmers, B. Langer, A. Menzel, and U. Becker: Electron-Energy and -Angular Distributions in the Double Photoionization of Helium Phys. Rev. Lett. 67, 3764-3767 (1991)
- 4.) U. Becker, O. Hemmers, B. Langer, A. Menzel, R. Wehlitz, and W. B. Peatman: Evidence for atomic processes in molecular valence double ionization Phys. Rev. A 45, R1295-R1298 (1992)
- 5.) U. Becker, O. Hemmers, B. Langer, I. Lee, A. Menzel, R. Wehlitz, and M.Ya. Amusia: Multiplet-changing Auger transitions in valence double photoionization Phys. Rev. A 47, R767-R770 (1993)
- 6.) O. Hemmers, F. Heiser, J. Eiben, R. Wehlitz, and U. Becker: Observation of Non-isotropic Auger Angular Distribution in the C(1s) Shape Resonance of CO Phys. Rev. Lett. 71, 987-990 (1993)
- 7.) O. Hemmers, F. Heiser, J. Eiben, R. Wehlitz, and U. Becker: Variation of the C (KVV) Auger angular distribution in the C(1s) σ^* -resonance of CO Nucl. Instrum. And Methods B87, 209-214 (1994)

- 8.) B. Langer, J. Viefhaus, O. Hemmers, A. Menzel, R. Wehlitz, and U. Becker: Observation of parity-unfavored transitions in the nonresonant photoionization of argon Phys. Rev. A 51, R882-R885 (1995)
- 9.) N. Saito, F. Heiser, O. Hemmers, A. Hempelmann, K. Wieliczek, J. Viefhaus, and U. Becker: Vibrational-state-dependent decay of the CO C(1s) excitation Phys. Rev. A 51, R4313-R4316 (1995)
- 10.) T. Liebsch, Ö. Plotzke, F. Heiser, U. Hergenhahn, O. Hemmers, R. Wehlitz, J.Viefhaus, B. Langer, S.B. Whitfield, and U. Becker: Angle-resolved photoelectron spectroscopy of C₆₀ Phys. Rev. A 52, 457-464 (1995)
- 11.) O. Hemmers, S.B. Whitfield, N. Berrah, B. Langer, R. Wehlitz, and U. Becker: Angular distributions of the C(1s) photoelectron satellites in CO J. Phys. B 28, L693-L700 (1995)
- 12.) B. Langer, N. Berrah, A. Farhat, O. Hemmers, and J.D. Bozek: Auger resonant Raman spectroscopy used to study the angular distributions of the Xe $4d_{5/2} \rightarrow 6p$ decay spectrum Phys. Rev. A 53, R1946-R1949 (1996)
- 13.) Norio Saito, Franz Heiser, Oliver Hemmers, Kornel Wieliczek, Jens Viefhaus, and Uwe Becker: Kineticenergy- and angular-resolved fragmentation of CO in vibrational-resolved C 1s excitation Phys. Rev. A 54, 2004-2010 (1996)
- 14.) W. Ng, G. Jones, R.C.C. Perera, D. Hansen, J. Daniels, O. Hemmers, P. Glans, S.B. Whitfield, H.Wang, and D.W. Lindle: First Results from the High-Brightness X-Ray Spectroscopy Beamline at ALS Rev. Sci. Instr. 67, (9) (1996)
- 15.) N. Berrah, B. Langer, J.D. Bozek, T. Gorczyca, O. Hemmers, D.W. Lindle, and O.F. Toader: Angular-distribution parameters and R-matrix calculations of Ar $3s^{-1} \rightarrow np$ Resonances J. Phys. B 29, 5351-5365 (1996)
- 16.) R. Wehlitz, I.A. Sellin, O. Hemmers, S.B. Whitfield, P. Glans, H. Wang, D.W. Lindle, B. Langer, N. Berrah, J. Viefhaus, and U. Becker: Photon energy dependence of ionization-excitations in helium at medium energies
- J. Phys. B 30, L51-L58 (1997)
- 17.) E.W.B. Dias, H.S. Chakraborty, P.C. Deshmukh, S.T. Manson, O. Hemmers, P. Glans, D.L. Hansen, H. Wang, S.B. Whitfield, D.W. Lindle, R. Wehlitz, J.C. Levin, I.A. Sellin, and R.C.C. Perera: Breakdown of the Independent Particle Approximation in High-Energy Photoionization Phys. Rev. Lett. 78, 4553-4556 (1997)
- 18.) D.W. Lindle, O. Hemmers, P. Glans, D.L. Hansen, H. Wang, S.B. Whitfield, R. Wehlitz, J.C. Levin, I.A. Sellin, and R.C.C. Perera: The X-Ray Atomic and Molecular Spectroscopy Program at the Advanced Light Source Indian J. Phys. 71B(3), 325-334 (1997)
- 19.) W. C. Stolte, Y. Lu, J.A.R. Samson, O. Hemmers, D.L. Hansen, S.B. Whitfield, H. Wang, P. Glans, and D.W. Lindle: The K-shell Auger decay of atomic oxygen J. Phys. B 30, 4489-4497 (1997)
- 20.) O. Hemmers, G. Fischer, P. Glans, D.L. Hansen, H. Wang, S.B. Whitfield, D.W. Lindle, R. Wehlitz, J.C. Levin, I.A. Sellin, R.C.C. Perera, E.W.B. Dias, H.S. Chakraborty, P.C. Deshmukh, and S.T. Manson: Beyond the dipole approximation: angular-distribution effects in valence photoemission J. Phys. B 30, L727-L733 (1997)

- 21.) D.L. Hansen, M.E. Arrasate, J. Cotter, G.R. Fisher, O. Hemmers, K.T. Leung, J.C. Levin, R. Martin, P. Neill, R.C.C. Perera, I.A. Sellin, M. Simon, Y. Uehara, B. Vanderford, S.B. Whitfield, and D.W. Lindle: Photofragmentation of third-row hydrides following photoexcitation at deep-core levels Phys. Rev. A 58, 3757 (1998)
- 22.) O. Hemmers, S.B. Whitfield, P. Glans, H. Wang, D.W. Lindle, R. Wehlitz, and I.A. Sellin: High-resolution electron time-of-flight apparatus for the soft-x-ray region Rev. Sci. Instrum. 69, 3809 (1998)
- 23.) O. Hemmers, F. Heiser, J. Viefhaus, K. Wieliczek and U. Becker: Angle-resolved resonant Auger electron spectroscopy of CO after vibrational-resolved C 1s $\rightarrow \eta\ell\lambda$ excitations J. Phys. B 32, 3769 (1999)
- 24.) D.L. Hansen, O. Hemmers, H. Wang, D.W. Lindle, P. Focke, I.A. Sellin, C. Heske, H.S. Chakraborty, P.C. Deshmukh, S.T. Manson: Validity of the independent-particle approximation in x-ray photoemission: The exception, not the rule Phys. Rev. A 60, R2641 (1999)
- 25.) D.W. Lindle and O. Hemmers: Breakdown of the Dipole Approximation in Soft-X-Ray Photoemission J. Electron Spectrosc. Relat. Phenom. 100, 297 (1999)
- 26.) A. Derevianko, O. Hemmers, S. Oblad, P. Glans, H. Wang, S.B. Whitfield, R. Wehlitz, I.A. Sellin, W.R. Johnson, and D.W. Lindle: Electric-octupole and pure-electric-quadrupole effects in soft x-ray photoemission Phys. Rev. Lett. 84, 2116 (2000)
- 27.) N. Saito, A. Hempelmann, F. Heiser, O. Hemmers, K. Wieliczek, J. Viefhaus, and U. Becker: Lifetime effects on the dissociation of core-excited N_2 and CO molecules Phys. Rev. A 61, 022709 (2000)
- 28.) P.W. Langhoff, J.C. Arce, J.A. Sheehy, O. Hemmers, H. Wang, P. Focke, I.A. Sellin, and D.W. Lindle: On the angular distributions of electrons photoejected from fixed-in-space and randomly oriented molecules, in A. Hitchcock and K.T. Leung, eds., Proceedings of the Eighth International Conference on Electronic Spectroscopy & Structure (ICESS8), Berkeley, CA, USA, August 8-12, 2000, J. Electron Spectrosc. Relat. Phenom. 114-116, 23 (2001)
- 29.) H.S. Chakraborty, D.L. Hansen, O. Hemmers, P.C. Deshmukh, P. Focke, I.A. Sellin, C. Heske, D.W. Lindle, and S.T. Manson: Interchannel coupling in the photoionization of the M-shell of Kr well above threshold: Experiment and Theory Phys. Rev. A 63, 042708 (2001)
- 30.) W.C. Stolte, D.L. Hansen, M.N. Piancastelli, I. Dominguez Lopez, A. Rizvi, O. Hemmers, H. Wang, A.S. Schlachter, M.S. Lubell, and D.W. Lindle: Anionic Photofragmentation of CO: A Selective Probe of Core-Level Resonances

 Phys. Rev. Lett. 86, 4504 (2001)
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 Phys. Rev. A 64, 022507 (2001)
- 32.) D.W. Lindle and O. Hemmers: Time-of-Flight Photoelectron Spectroscopy of Atoms and Molecules J. Alloys Comp. 328, 27 (2001)
- 33.) H. Wang, G. Shell, O. Hemmers, M.M. Sant'Anna, I.A. Sellin, N. Berrah, D.W. Lindle, P.C. Deshmukh, N. Haque, and S.T. Manson: Dynamical relativistic effects in photoionization: Spin-orbit-resolved angular distributions of xenon 4d photoelectrons near the Cooper minimum



- 34.) J.C. Arce, J.A. Sheehy, P.W. Langhoff, O. Hemmers, H. Wang, P. Focke, I.A. Sellin, and D.W. Lindle: On the Angular Distributions of Molecular Photoelectrons: Dipole Cross Sections for Fixed-in-Space and Randomly Oriented Molecules Chem. Phys. Lett. 346, 341 (2001); Erratum 349, 349 (2001)
- 35.) O. Hemmers, H. Wang, P. Focke, I.A. Sellin, D.W. Lindle, J.C. Arce, J.A. Sheehy, and P.W. Langhoff: Large Nondipole Effects in the Angular Distributions of K-Shell Photoelectrons from Molecular Nitrogen Phys. Rev. Lett. 87, 273003 (2001)
- 36.) O. Hemmers, M. Blackburn, T. Goddard, P. Glans, H. Wang, S.B. Whitfield, R. Wehlitz, I.A. Sellin, and D.W. Lindle: Dipole and Nondipole Angular-Distribution Effects in the Valence Photoemission of Neon J. Electron Spectrosc. Relat. Phenom. 123, 257 (2002)
- 37.) B. Krässig, E.P. Kanter, S.H. Southworth, R. Guillemin, O. Hemmers, D.W. Lindle, R. Wehlitz, and N.L.S. Martin: Photoexcitation of a Dipole-Forbidden Resonance in Helium Phys. Rev. Lett. 88, 203002 (2002)
- 38.) R. Guillemin, O. Hemmers, D.W. Lindle, K. Le Guen, D. Ceolin, C. Miron, N. Leclercq, P. Morin, M. Simon, and P.W. Langhoff: Non-Dipolar Electron Angular Distributions from Fixed-in-Space Molecules Phys. Rev. Lett. 89, 033002 (2002)
- 39.) S. Laidman, M. Pangilinan, R. Guillemin, S.W. Yu, G. Öhrwall, D.W. Lindle, and O. Hemmers: Exploring the Limits of the Dipole Approximation with Angle-Resolved Electron Time-of-Flight Spectrometry Journal of Undergraduate Research, Office of Science, U.S. Department of Energy, Vol. II, 65-70 (2002)
- 40.) D.L. Hansen, W.C. Stolte, O. Hemmers, R. Guillemin, and D.W. Lindle: Anion formation moderated by post-collision interaction following core-level photoexcitation of CO J. Phys. B 35, L381 (2002)
- 41.) O. Hemmers, R. Guillemin, E.P. Kanter, B. Krässig, D.W. Lindle, S.H. Southworth, R. Wehlitz, J. Baker, A. Hudson, M. Lotrakul, D. Rolles, W.C. Stolte, I.C. Tran, A. Wolska, S.W. Yu, M.Ya. Amusia, K.T. Cheng, L.V. Chernysheva, W.R. Johnson, and S.T. Manson: Dramatic nondipole effects in low-energy photoionization: experimental and theoretical study of Xe 5s Phys. Rev. Lett. 91, 053002 (2003)
- 42.) E.P. Kanter, B. Krässig, S.H. Southworth, R. Guillemin, O. Hemmers, D.W. Lindle, R. Wehlitz, M.Ya. Amusia, L.V. Chernysheva, and N.L.S. Martin: E1-E2 interference in the VUV photoionization of He Phys. Rev. A 68, 012714 (2003)
- 43.) O. Hemmers, R. Guillemin and D.W. Lindle: Nondipole effects in soft x-ray photoionization Radiat. Phys. Chem. 70, 123 (2004)
- 44.) R. Guillemin, O. Hemmers, D. Rolles, S.-W. Yu, A. Wolska, I. Tran, A. Hudson, J. Baker, and D.W. Lindle: Nearest-Neighbor-Atom Core-Hole Transfer in Isolated Molecules Phys. Rev. Lett. 92, 223002 (2004)
- 45.) O. Hemmers, R. Guillemin, D. Rolles, A. Wolska, D.W. Lindle, K.T. Cheng, W.R. Johnson, H.L. Zhou, and S.T. Manson: Nondipole effects in the photoionization of Xe 4*d*_{5/2} and 4*d*_{3/2}: Evidence for quadrupole satellites

 Phys. Rev. Lett. 93, 113001 (2004)
- 46.) O. Hemmers, R. Guillemin, A. Wolska, D.W. Lindle, D. Rolles, K.T. Cheng, W.R. Johnson, H.L. Zhou, and S.T. Manson: Nondipole effects in Xe 4d photoionization J. Electron Spectrosc. Relat. Phenom. 144-147, 51 (2005)

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- J. Electron Spectrosc. Relat. Phenom. 144-147, 155 (2005)
- 48.) R. Guillemin, O. Hemmers, D.W. Lindle, and S.T. Manson: Experimental investigation of nondipole effects in photoemission at the Advanced Light Source Radiat. Phys. Chem. 73, 311 (2005)
- 49.) O. Hemmers, R. Guillemin, D. Rolles, A. Wolska, D.W. Lindle, E.P. Kanter, B. Krässig, S.H. Southworth, R. Wehlitz, B. Zimmermann, V. McKoy, and P.W. Langhoff: Low-Energy Nondipole Effects in Molecular Nitrogen Valence-Shell Photoionization Phys. Rev. Lett. 97, 103006 (2006)
- 50.) D. Céolin, M.N. Piancastelli, R. Guillemin, W.C. Stolte, S.-W. Yu, O. Hemmers, and D.W. Lindle: Fragmentation of methyl chloride studied by partial positive and negative ion yield spectroscopy J. Chem. Phys. **126**, 084309 (2007)
- 51.) G.W.C. Silva, L. Ma, O.A. Hemmers, and D.W. Lindle: Micro-Structural characterization of precipitation-synthesized fluorapatite nano-material by transmission electron microscopy using different sample preparation techniques

 Micron 39, 269 (2008)
- 52.) P.C. Deshmukh, T. Banerjee, H.R. Varma, O. Hemmers, R. Guillemin, D. Rolles, A. Wolska, S.W. Yu, D.W. Lindle, W.R. Johnson, and S.T. Manson: Theoretical and Experimental Demonstration of the Existence of Quadrupole Cooper Minima
 J. Phys. B: At. Mol. Opt. Phys. 41, 021002 (2008)
- 53.) K.E. Lipinska-Kalita, P.E. Kalita, O.A. Hemmers, T. Hartmann: Equation of State of Gallium Oxide to 70 Gpa: Comparison of Quasihydrostatic and Nonhydrostatic Compression Phys. Rev. B 77, 094123 (2008)
- 54.) G.W. Chinthaka Silva, O. Hemmers, K.R. Czerwinski, and D.W. Lindle: Investigation of Nanostructure and Thermal Behavior of Zinc-Substituted Fluorapatite. Inorg. Chem., 47(17), 7757-7767 (2008)
- 55.) K.E. Lipinska-Kalita, O.A. Hemmers, P.E. Kalita, G. Mariotto, S. Gremsch, R.J. Hemley, T. Hartmann: High-Pressure Structural Integrity and Structural Transformations of glass-derived Nanocomposites: a Review
- J. of Phys. and Chem. of Solids, 69, 2268-2273 (2008)
- 56.) Kristina E. Lipinska-Kalita, Patricia. E. Kalita, Cédric Gobin, Oliver A. Hemmers, Thomas Hartmann and Gino Mariotto: Stability and equation of state of a nanocrystalline Ga-Ge mullite in a vitroceramic composite: A synchrotron x-ray diffraction study Phys. Rev. B 77, 134107 (2008)
- 57.) I.N. Demchenko, K. Lawniczak-Jablonska, T. Tyliszczak, N.R. Birkner, W.C. Stolte, M. Chernyshova, and O. Hemmers, XANES studies of modified and newly synthesized nanostructured manganese oxides J. Elect. Spect. Rel. Phen. **24**, 171 (2009)
- 58.) W.C. Stolte, R. Guillemin, I.N. Demchenko, G. Öhrwall, S.-W. Yu, J.A. Young, M. Taupin, O. Hemmers, M.N. Piancastelli and D.W. Lindle, Inner-shell photofragmentation of Cl₂ J. Phys. B: At. Mol. Opt. Phys. **43**, 155202 (2010)

- 59.) I. N. Demchenko, J. D. Denlinger, M. Chernyshova, K. M. Yu, D. T. Speaks, P. Olalde-Velasco, O. Hemmers, W. Walukiewicz, A. Derkachova, and K. Lawniczak-Jablonska, Full multiple scattering analysis of XANES at the Cd L 3- and O K- edges in CdO films combined with a soft-x-ray emission investigation Phys. Rev. B **82**, 075107 (2010)
- 60.) K. Lipinska, P. Kalita, O. Hemmers, S. Sinogeikin, G. Mariotto, C. Segre and Y. Ohki, "Exploring New Routes for the Development of Functional Nanomaterials using Extreme Pressure", Processing and Properties of Advanced Ceramics and Composites II Ceramic Transactions **220**, 6 (2010)
- 61.) I.N. Demchenko, M. Chernyshova, T. Tyliszczak, J.D. Denlinger, K.M. Yu, D.T. Speaks, O. Hemmers, W. Walukiewicz, G. Derkachov and K. Lawniczak-Jablonska, Electronic structure of CdO studied by soft X-ray spectroscopy

 J.Elect. Spect. Rel. Phen. (2010)
- 62.) Jian Ma and Oliver Hemmers, Technoeconomic Analysis of Microalgae Cofiring Process for Fossil Fuel-Fired Power Plants

 J. Energy Resource. Technol. 133, 011801, DOI:10.1115/1.4003729, (2011)
- 63.) P. Kalita, A. Cornelius, K. Lipinska, M. Lufaso, Z. Kann, S. Sinogeikin, O. Hemmers, and H. Schneider,

Pressure Induced Phase Transitions in Mullite-Type Biz(Fe4-xMnx)O10-d Complex Oxides International Journal of Materials Research, 103, 4 (2012)

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Journal of American Ceramic Society, Volume 96, Issue 5, Pages: 1635–1642, (2013)

18. Publications - Books

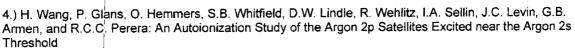
O. Hemmers, Korrelationseffekte in kleinen Molekülen. Vol. 3 in the series (studies of vacuum ultraviolet and x-ray processes, ed. U. Becker), AMS Press, New York (1993)

19. Publications - Contributed News Articles

O. Hemmers, P. Glans, D.L. Hansen, H.Wang, S.B. Whitfield, D.W. Lindle, R.Wehlitz, J.C. Levin, I.A. Sellin, and R.C.C. Perera: Photoelectron Spectroscopy and the Dipole Approximation Synch. Rad. News Vol. 9, No. 6, 40-45 (1996); Vol. 10, No. 3, 21 (1997)

20. Publications - Non-Refereed Journal Articles

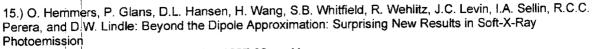
- 1.) B. Langer, A. Farhat, B. Nessar, N. Berrah, O. Hemmers, J.D. Bozek: Angle Resolved Study of the Xe $4d \rightarrow 6p$ Resonant Auger Process with High Resolution Proceedings of the Workshop on Atomic Physics with Hard X-Rays from High Brilliance Synchrotron Light Sources, Argonne, Illinois, May 20-21, 1996
- 2.) B. Langer, A. Farhat, B. Nessar, N. Berrah, O. Hemmers, J.D. Bozek: Angle Resolved Resonant Raman Auger Spectroscopy of the Xe 4d → 6p Transition Application of Accelerators in Research and Industry, Denton 1996, edited by J.L. Duggan and I.L. Morgan (AIP Press, Woodbury, New York, 1997), pp. 161
- 3.) B. Langer, N. Berrah, A. Farhat, O. Hemmers, J.D. Bozek: Auger Resonant Raman Spectroscopy Used to Study the Angular Distributions of the Xe 4d → 6p Decay Spectrum Advanced Light Source Compendium of User Abstracts and Technical Reports 1993-1996, April 1997, p. 263



Advanced Light Source Compendium of User Abstracts and Technical Reports 1993-1996, April 1997, p. 188

- 5.) W.C. Stolte, Y. Lu, J.A.R. Samson, O. Hemmers, D.L. Hansen, P. Glans, S.B. Whitfield, H. Wang, and D.W. Lindle: The K-Shell Auger Decay of Atomic Oxygen Advanced Light Source Compendium of User Abstracts and Technical Reports 1993-1996, April 1997, p. 56
- 6.) R. Wehlitz, I.A. Sellin, O. Hemmers, S.B. Whitfield, P. Glans, H. Wang, D.W. Lindle, B. Langer, N. Berrah, J. Viefhaus, and Ü. Becker: Partial Cross Sections of Helium Satellites at Medium Photon Energies Advanced Light Source Compendium of User Abstracts and Technical Reports 1993-1996, April 1997, p. 221
- 7.) O. Hemmers, P. Glans, D.L. Hansen, H. Wang, S.B. Whitfield, R. Wehlitz, J.C. Levin, I.A. Sellin, R.C.C. Perera, and D.W. Lindle: Photoelectron Spectroscopy and the Dipole Approximation Advanced Light Source Compendium of User Abstracts and Technical Reports 1993-1996, April 1997, p. 224
- 8.) R.C.C. Perera, W. Ng, G. Jones, D.L. Hansen, J. Daniels, O. Hemmers, P. Glans, S.B. Whitfield, H. Wang, and D.W. Lindle: First Results from the High-Brightness X-Ray Spectroscopy Beamline at ALS Advanced Light Source Compendium of User Abstracts and Technical Reports 1993-1996, April 1997, p. 312
- 9.) R.Wehlitz, I.A. Sellin, O. Hemmers, S.B. Whitfield, P. Glans, H.Wang, D.W. Lindle, B. Langer, N. Berrah, J. Viefhaus, and U. Becker: Making a Link from Ionization-Excitation to the Double Photoionization of Helium Book of Abstracts of Contributed Papers, Vol. 2, p. MO 070, Twentieth International Conference on the Physics of Electronic and Atomic Collisions, XX. ICPEAC, Vienna, Austria, 23-29 July, 1997
- 10.) O. Hemmers, P. Glans, D.L. Hansen, H.Wang, S.B. Whitfield, D.W. Lindle, R.Wehlitz, J.C. Levin, I.A. Sellin, R.C.C. Perera, E.W.B. Dias, H.S. Chakraborty, P.C. Deshmukh, and S.T. Manson: Breakdown of the Independent Particle Approximation in High-Energy Photoionization

 Advanced Light Source Compendium of User Abstracts and Technical Reports 1997, July 1998, p. 208
- 11.) O. Hemmer's, P. Glans, H. Wang, R. Wehlitz, J.C. Levin, I.A. Sellin, R.C.C. Perera, and D.W. Lindle: Beyond the Dipole Approximation: Angular-Distribution Effects in N2 1s Photoemission Advanced Light Source Compendium of User Abstracts and Technical Reports 1997, July 1998, p. 204
- 12.) O. Hemmer's, S.B. Whitfield, P. Glans, H. Wang, D.W. Lindle, R. Wehlitz, and I.A. Sellin: High-resolution electron time-of-tight apparatus for the soft x-ray region Advanced Light Source Compendium of User Abstracts and Technical Reports 1998, August 1999
- 13.) O. Hemmers, P. Glans, D.L. Hansen, H.Wang, S.B. Whitfield, D.W. Lindle, R.Wehlitz, J.C. Levin, I.A. Sellin, and R.C.C. Perera: Breakdown of the Dipole Approximation in Soft-X-Ray Photoemission Advanced Light Source Compendium of User Abstracts and Technical Reports 1998, August 1999
- 14.) D.L. Hansen, O. Hemmers, H. Wang, D.W. Lindle, P. Focke, I.A. Sellin, C. Heske, H.S. Chakraborty, P.C. Deshmukh, and S.T. Manson: Validity of the independent-particle approximation in x-ray photoemission: The exception not the rule Advanced Light Source Compendium of User Abstracts and Technical Reports 1998, August 1999



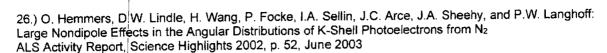
ALS Activity Report, Science Highlights 1997-98, p. 41

16.) D.W. Lindle, O. Hemmers, H. Wang, P. Focke, I.A. Sellin, J.D. Mills, J.A. Sheehy, and P.W. Langhoff: Beyond the Dipole Approximation: Angular-Distribution Effects in the 1s Photoemission from Small Molecules

AIP Conference Proceedings of the XXI. International Conference on the Physics of Electronic and Atomic Collisions (XXI ICPEAC), Sendai, Japan, July 22-27, 1999, p. 156

- 17.) O. Hemmers, H. Wang, D.W. Lindle, P. Focke, I.A. Sellin, J.D. Mills, J.A. Sheehy, and P.W. Langhoff: Beyond the Dipole Approximation: Angular-Distribution Effects in the 1s Photoemission from Small Molecules
- in X-Ray and Innershell Processes, edited by R. W. Dunford et. al (American Institute of Physics, Melville, NY, 2000) Proceedings of the Eighteenth International Conference on X-ray and Inner-Shell Processes (X-99), Chicago, IL, USA, August 23-27, 1999, p. 222
- 18.) O. Hemmers, S. Oblad, P. Glans, H. Wang, S.B. Whitfield, R. Wehlitz, I.A. Sellin, D.W. Lindle, A. Derevianko, and W.R. Johnson: Electric-octupole and pure-electric-quadrupole effects in soft-x-ray photoemission Advanced Light Source Compendium of User Abstracts and Technical Reports 1999, August 2000
- 19.) D.L. Hansen, W.C. Stolte, I. Dominguez-Lopez, G. Öhrwall, L. Dang, M.M. Sant'Anna, O. Hemmers, R.C.C. Perera, and D.W. Lindle: Relaxation dynamics of H₂O and H₂S following excitation of 1s core electrons

 Advanced Light Source Compendium of User Abstracts and Technical Reports 1999, August 2000
- 20.) D.W. Lindle and O. Hemmers: Time-of-Flight Photoelectron Spectroscopy of Atoms and Molecules Proceedings of the Pan American Advanced Studies Institute (PASI), Angra dos Reis, Brazil, April 27-May 7, 2000 edited by H. Bryant and C. Cisneros
- 21.) O. Hemmers and D.W. Lindle: Non-Dipolar Effects in Soft-X-Ray Photoemission Proceedings of the Pan American Advanced Studies Institute (PASI), Angra dos Reis, Brazil, April 27-May 7, 2000 edited by H. Bryant and C. Cisneros
- 22.) O. Hemmers and D.W. Lindle: Photoelectron Spectroscopy and the Dipole Approximation Proceedings of the Sixteenth International Conference on the Application of Accelerators in Research and Industry (CAARI), Denton, TX, USA, November 1-4, 2000, edited by J.L. Duggan and I.L. Morgan (AIP Press, Woodbury, New York, 2001), p. 189
- 23.) O. Hemmers, H. Wang, G. Snell, M.M. Sant'Anna, I.A. Sellin, N. Berrah, D.W. Lindle, P.C. Deshmukh, N. Haque, and S.T. Manson: Dynamical Relativistic Effects in Photoionization: Spin-Orbit-Resolved Angular Distributions of Xenon 4d Photoelectrons near the Cooper Minimum Advanced Light Source Compendium of User Abstracts and Technical Reports 2001, August 2002
- 24.) O. Hemmers, M. Blackburn, T. Goddard, P. Glans, H.Wang, S.B. Whitfield, R.Wehlitz, I.A. Sellin, and D.W. Lindle: First Separate Measurements of the Nondipole Parameters γ and δ Showcase Neon 2p Photoemission Advanced Light Source Compendium of User Abstracts and Technical Reports 2001, August 2002
- 25.) N. Mannella, B.S. Mun, S.-H. Yang, A.W. Kay, F.J. Garcia de Abajo, E. Arenholz, A.T. Young, Z. Hussain, H. Wang, O. Hemmers, D.W. Lindle, M.A. Van Hove, and C.S. Fadley: Multi-Atom Resonant Photoemission Effects from Solid Surfaces and Free Molecules Advanced Light Source Compendium of User Abstracts and Technical Reports 2001, August 2002



- 27.) J. Dunn, R.F. Smith, A.J. Nelson, S.J. Moon, J. Nilsen, R. Keenan, T.W. Van Buuren, J.R. Hunter, J. Filevich, J.J. Rocca, M.C. Marconi, A. Ng, O. Hemmers, D.W. Lindle, and V.N. Shlyaptsev: Picosecond-Driven X-ray Lasers for Probing Matter Undergoing Rapid Changes Applications of High Field and Short Wavelength Sources X, Centre de Congrs "Casino Municipal" Biarritz, France October 12-15, 2003
- 28.) A.J. Nelson, J. Dunn, T.W. van Buuren, J. Hunter, R.F. Smith, O. Hemmers, D.W. Lindle: X-ray laser induced time-of-flight photoelectron spectroscopy Soft X-Ray Lasers and Applications V, Editor: Ernst E. Fill, Proc. SPIE 5197, 168, 2003
- 29.) O. Hemmers, R. Guillemin, D. Rolles, A. Wolska, D.W. Lindle, E.P. Kanter, B. Krässig, S.H. Southworth, R. Wehlitz, B. Zimmermann, V. McKoy, and P.W. Langhoff: Low-Energy Nondipole Effects in Molecular Nitrogen Valence-Shell Photoionization ALS Activity Report, Science Highlights 2006, p. 72, July 2007
- 30.) K. E. Lipinska-Kalita, C. Segre, P. E. Kalita, O. Hemmers, Y. Ohki, J. Cecil, M. Chavarcha: Novel Oxide Based Nanocomposites: Development and Structural Characterization Bull. Am. Phys. Soc. **53**, No. 2, 713, 2008
- 31.) K. Lipinska, P. Kalita, O. Hemmers, S. Sinogeikin, O. Shebanova, W. Yang, G. Mariotto: Structural Integrity and Microstructure of Na⁺ Conducting Ceramics Bull. Am. Phys. Soc. **55**, No. 2, 993, 2010
- 32.) J. Ma and O. Hemmers: Thermo-economic Analysis of Microalgae Co-firing Process for Fossil Fuel-fired Power Plants, ASME 4th International Conference on Energy Sustainability, May 19-22, Phoenix, Arizona 2010
- 33.) P. Kalita, A, Cornelius, K. Lipinska, **O. Hemmers**, S. Sinogeikin, M. Murshed and T, Gesing: New Structural Phase Transitions in PbMBO₄ Complex Oxides: Raman Spectroscopy and X-ray Diffraction Studies, Bulletin of the American Physical Society, Volume 57, Number 1 2012
- 34.) P. Kalita, A. Cornelius, S. Sinogeikin, K. Lipinska, O. Hemmers, M. Lufaso, Z. Kann, H. Schneider: New Structural Phase Transition in Bi₂(Fe_{4-x} Mn_x) O_{10-x} Complex Oxides and its Implications in the Mullite Family of Materials; Bull. Am. Phys. Soc. 56, No. 1, J17.1 2011
- 35.) P. Kalita, A. Cornelius, K. Lipinska, O. Hemmers, S. Sinogeikin, M. Murshed and T, Gesing: New Structural Phase Transitions in PbMBO4 Complex Oxides: Raman Spectroscopy and X-ray Diffraction Studies. Bulletin of the American Physical Society, Volume 57, Number 1 2012



- 1.) "Photoelektronen-Spektrometrie an CO zwischen 20 und 1000 eV" DPG-Frühjahrstagung, Freiburg, Germany, March 11-15, 1991
- 2.) "Intrinsische Elektronenanisotropien beim C-KVV Augerzerfall von CO" DPG-Frühjahrstagung, Hannover, Germany, March 23-27, 1992
- 3.) "Anregungsabhängiges Verhalten der C-KVV Satelliten-Augerlinien von CO im Shape Resonanz Bereich" DPG-Frühjahrstagung, Berlin, Germany, March 15-19, 1993
- 4.) "Variation of the C (KVV) Auger angular distribution in the C(1s) σ*-resonance of CO"
 Sixteenth International Conference on X-Ray and Inner-Shell Processes (X-93), Debrecen, Hungary, July 12-16, 1993
- 5.) "Electron and Ion Time of Flight Spectroscopy with Synchrotron Radiation"

 Department of Chemistry, University of Nevada, Las Vegas, USA, February 24, 1995
- 6.) "First Order Corrections of the Dipole Approximation for Angular-Distribution Effects in Valence Photoemission" |
 Department of Chemistry, University of Nevada, Las Vegas, USA, October 18, 1996
- 7.) "First Order Corrections of the Dipole Approximation for Angular-Distribution Effects in Valence Photoemission" |
 Workshop on Atomic and Molecular Physics at the Advanced Light Source, Berkeley, CA, USA, October 23, 1996
- 8.) "Non-Dipole Effects in Atoms and Molecules"

 Joint Meeting of the APS/AAPT with DAMOP and CAM'97, Washington, D.C., USA, April 20, 1997
- 9.) "Beyond the Dipole Approximation: Angular-Distribution Effects in the 1s Photoemission from Small Molecules"

 Eighteenth International Conference on X-ray and Inner-Shell Processes (X-99),

 Chicago, IL, USA, August 24, 1999
- 10.) "Non-Dipolar Effects in Soft X-Ray Photoemission"

 Advanced Light Source Users' Meeting, Berkeley, CA, USA, October 19, 1999
- 11.) "Non-Dipolar Effects in Soft X-Ray Photoemission"

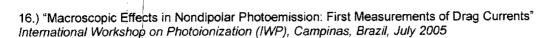
 Pan American Advanced Studies Institute (PASI), Atoms and Molecules in a New Light, Angra dos Reis,

 Brasil, May 2, 2000
- 12.) "Photoelectron Spectroscopy and the Dipole Approximation"

 Sixteenth International Conference on the Application of Accelerators in Research and Industry (CAARI 2000), Denton, TX, USA, November 2, 2000
- 13.) "Large Nondipole Effects in the Core-Level Threshold Regions of Small Molecules" Seminar Talk, Lure, Paris, France, November 12, 2001
- 14.) "Large Nondipole Effects in the Core-Level Threshold Regions of Small Molecules"

 Seminar Talk, Fritz-Haber-Institut of the Max-Planck Society, Berlin, Germany, November 16, 2001
- 15.) "High-Resolution Electron Time-of-Flight Spectroscopy"

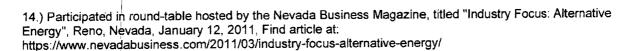
 Seminar Talk, Lawrence Livermore National Laboratory, Livermore, CA, December
 13, 2002



- 17.) Invited Presentation at Brookings in Washington D.C. on "Climate Research Another Look and New Perspectives". November 6, 2012
- 18.) Poster presentation "Explore the Six Fundamentals UNLV Accelerated: High-Energy X-Ray Applications (HEXA)" and tour of the UNLV Accelerator Facility, UNLV-NSTec Symposium, March 28, 2014

22. Public Presentations - Invited Talks

- 1.) "Latest Development in Backing Up Data" CEO-CFO group of Southern Nevada on January 15, 2004
- 2.) "Renewable Energy Projects at UNLV"
 NSHE Board of Regent's RED committee on January 18, 2007
- 3.) "Solar, Hydrogen, Bio-Fuels & Sustainability Projects at UNLV" CEO-CFO group of Southern Nevada on April 27, 2007
- 4.) "Solar Energy Initiatives in Nevada"
 The Las Vegas Future Salon on July 13, 2007
- 5.) Presentations on JUNLV's renewable energy (algae) research" at the CEO-CFO group of Southern Nevada in June 2008
- 6.) Presentation on "Biofuels-Sense and Nonsense" Las Vegas Southwest Rotary Club, July 21, 2008.
- 7.) Presentation on "Renewable Energy Technologies: Gaps, Challenges and Solutions" at the Global Commerce Forum's International Conference on Energy, Logistics & the Environment at the Mirage Hotel, Las Vegas, October 29, 2008
- 8.) Panelist in round-table discussion on "Reducing U.S. Dependence on Foreign Oil: Lessons from Abroad" at Renaissance Hotel, Las Vegas, November 14, 2008
- 9.) Key-note speaker at the AECOM Energy Forum on "Renewable Energy Technologies: Gaps, Challenges and Solutions" at the Phoenician, Phoenix, AZ on November 19, 2008
- 10.) Presenter and Panelist at the Global Commerce Forum's 2nd International Conference on Energy, Logistics & the Environment on "Renewable Energy Technologies and Gaps" Panel Discussion and Case Studies at the Mirage Hotel, Las Vegas, October 24, 2009
- 11.) Panelist in round-table discussion on "America's Portfolio: What is Nuclear Energy's Role?" at The Atomic Testing Museum, Las Vegas, March 4, 2010
- 12.) Presentation on "Renewable Energy Projects in Nevada" at the Global Commerce Forum's 3rd International Conference on Energy, Logistics & the Environment on "Renewable Energy Technologies and Gaps Panel" at the Grand Hyatt Hotel, Denver, October 8-9, 2010
- 13.) Organizer and Panelist of the Forum "Fukushima Daiichi Nuclear Power Plant Accident: What happened, could it happen here, and what are the implications to U.S. policy?" at the Barrick Museum Auditorium, Las Vegas, March 21, 2011



- 15.) Organizer and Panelist commemorating the 25th anniversary of the Chernobyl nuclear plant disaster and a round-table discussion on "America's Portfolio: What is Nuclear Energy's Role?" at the Barrick Museum Auditorium, Las Vegas, April 26, 2011
- 16.) Attended the Young Professionals in Energy (YPE) Summit in Las Vegas, held April 23-25, 2012. The booth, entitled, "Clean Energy Education and Research are Hot in Nevada," also featured UNR and DRI, and was in cooperation with the Nevada Institute for Renewable Energy Commercialization (NIREC)
- 17.) Participated in round-table hosted by the Nevada Business Magazine, titled "Industry Focus: Alternative Energy", Reno, Nevada, March 6, 2013, Find article at: http://www.nevadabusiness.com/2013/04/industry-focus-alternative-lenergy-4/
- 18.) Invited to participate in the "Alternative Energy Roundtable" discussion, Nevada Business Magazine, Reno, NV, February 12, 2014. Article published at: http://www.nevadabusiness.com/2014/03/industry-focus-alternative-energy-5/
- 19.) Moderator of the public panel to the 3rd anniversary of Fukushima Daiichi Nuclear Power Plant Accident, organized by the American Nuclear Society-Nevada Chapter, at the Auditorium of the National Atomic Testing Museum, Las Vegas, Nevada, April 24, 2014
- 20.) Presentation on "Why Climate Models Fail" at the Bob Maheu First Wednesday luncheon, Las Vegas Country Club, Las Vegas, Nevada, July 9, 2014
- 21.) Presentation on "Why Climate Models Fail" at the American Nuclear Society-Nevada Chapter, at the Science and Engineering Building at UNLV, Las Vegas, Nevada, July 10, 2014
- 22.) Presentation on "The Science of Climate Change" at the Nevada Legislative Committee on Energy, Las Vegas, Nevada, February 8, 2016
- 23.) Presentation on "Quantum Computing Speed, Encryption, Security" Aasim Cyber Group, at the Innevation Center, Las Vegas, Nevada, February 25, 2016
- 24.) Presentation on "Clean Energy Projects at the UNLV Harry Reid Center", October 17, 2021, Cesar's Palace at the 14th International Conference on Climate Change (ICCC-14) in Las Vegas, NV, October 15-17, 2021

23. Scientific Presentations - Conferences

Eleventh International Conference on Atomic Physics (ELICAP), Paris, France, July 4-8, 1988

1. U. Becker, O. Hemmers, B. Langer, H.-G. Kerkhoff, M. Kupsch, A. Sivasli, D. Szostak, and R.Wehlitz Probing Electron Correlations: Multi-Electron-Processes in Photoionization

Symposium on the Auger Effect, Paris, France, March 30-31, 1989

2. U. Becker, O. Hemmers, B. Langer, and R. Wehlitz Participator Auger decay following inner-valence photoionization - a new type of Auger transition

Third European Conference on Atomic and Molecular Physics (ECAMP 3), Bordeaux, France, April 3-7, 1989

- 3. U. Becker, O. Hemmers, B. Langer, A. Menzel, and R. Wehlitz Radiationless decay of excited inner-valence hole states in neon
- 4. U. Becker, O. Hemmers, H.-G. Kerkhoff, M. Kupsch, B. Langer, and R. Wehlitz Valence and inner-shell photoionization of CO between 30 and 1000 eV

Ninth International Conference on Vacuum Ultraviolet Radiation Physics (VUV9), Honolulu, Hawaii, USA, July 17-21, 1989

5. U. Becker, O. Hemmers, B. Langer, A. Menzel, J. Viefhaus, and R. Wehlitz Photoelectron asymmetries and threshold behavior of conjugate shake-up satellites associated with 1s and 2s photoionization

Sixteenth International Conference on the Physics of Electronic and Atomic Collisions (XVI. ICPEAC), New York, NY, USA, July 26-August 1, 1989

- 6. U. Becker, O. Hemmers, B. Langer, A. Menzel, and R. Wehlitz Auger decay of valence vacancies in rare gases
- 54. Physikertagung, München, Germany, March 12-16, 1990
- 7. J. Viefhaus, B. Langer, O. Hemmers, A. Menzel, R. Wehlitz und U. Becker Hochauflösende Untersuchung des Li 1s "Conjugate shake-up"- Übergangs
- 8. F. Heiser, A. Menzel, O. Hemmers, B. Langer, R. Wehlitz und U. Becker Bestimmung der Anisotropie-Koeffizienten verschiedener Xe 4d Augerübergänge
- 9. B. Langer, V. v. Garnier, O. Hemmers, A. Menzel, R. Wehlitz und U. Becker Zur Photoionisation der Cd 4d Schale
- 10. R. Wehlitz, O. Hemmers, B. Langer, A. Menzel und U. Becker Untersuchung von Valenz-Doppelionisationsprozessen mittels winkelaufgelöster Photoelektronenspektroskopie

Fifteenth International Conference on X-Ray and Inner-Shell Processes (X-90), Knoxville, TN, USA, July 9-13, 1990

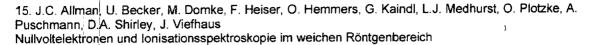
- 11. B. Langer, V.v. Garnier, O. Hemmers, A. Menzel, R. Wehlitz, and U. Becker Angular Distributions of Photoelectrons and Electron Correlation Satellites of 4d Photoionization in Atomic Cadmium
- 12. B. Langer, J. Viefhaus, O. Hemmers, A. Menzel, R. Wehlitz, and U. Becker Li 1s conjugate shake-up processes

Twelfth International Conference on Atomic Physics (12. ICAP), Ann Arbor, MI, USA, July 29-August 3, 1990

13. R. Wehlitz, O. Hemmers, B. Langer, A. Menzel, and U. Becker Energy- and angular-distribution of shake-off electrons of He near threshold

DPG-Frühjahrstagung, Freiburg, Germany, March 11-15, 1991

14. R.Wehlitz, O. Hemmers, B. Langer, A. Menzel und U. Becker Winkelverteilungs-Asymmetrien von Shake-off Elektronen in Schwellnähe



16. J.C. Allman, U. Becker, M. Domke, F. Heiser, O. Hemmers, G. Kaindl, L.J. Medhurst, O. Plotzke, A. Puschmann, D.A. Shirley, J. Viefhaus High-Resolution Zerovolt-Electron and Ion-Yield Spectroscopy with Soft X-Rays

17. O. Hemmers, B. Langer, A. Menzel, R. Wehlitz und U. Becker Photoelektronen-Spektrometrie an CO zwischen 20 und 1000 eV

Seventeenth International Conference on the Physics of Electronic and Atomic Collisions (XVII. ICPEAC), Brisbane, Australia, July 10-16, 1991

18. U. Becker, O. Hemmers, B. Langer, A. Menzel, and R. Wehlitz Evidence for Sequential Processes in Molecular Valence Double Ionization

19. U. Becker, J. Eiben, F. Heiser, O. Hemmers, and R. Wehlitz Molecular Orientation and Intrinsic Auger Anisotropy Following K-Shell Photoionization of CO

20. R. Wehlitz, O. Hemmers, B. Langer, A. Menzel, and U. Becker Two-Electron Emission in the Valence Photoionization of Rare Gases

DPG-Frühjahrstagung, Hannover, Germany, March 23-27, 1992

21. B. Langer, W. Mahler, O. Hemmers, A. Menzel, R. Wehlitz und U. Becker Anregungsenergieabhängiges Verhalten der Ar 3s und Xe 5s Korrelationssatelliten

22. A. Menzel, O. Hemmers, B. Langer, R. Wehlitz und U. Becker Winkelverteilungen der Zerfallselektronen von rumpfangeregtem HCI

23. O. Hemmers, J. Eiben, F. Heiser, R. Wehlitz und U. Becker Intrinsische Elektronenanisotropien beim C-KVV Augerzerfall von CO

Fourth European Conference on Atomic and Molecular Physics (ECAMP 4), Riga, Latvia, April 6-10, 1992

24. R. Wehlitz, O. Hemmers, B. Langer, A. Menzel, and U. Becker Electron-energy and -Angular Distributions in the Double Photoionization of Rare Gases

25. U. Becker, O. Hemmers, B. Langer, A. Menzel, and R. Wehlitz Evidence for Atomic Processes in Molecular Valence Double Ionization

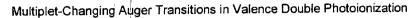
26. B. Langer, W. Mahler, O. Hemmers, A. Menzel, R. Wehlitz, and U. Becker Photon Energy Dependent Behavior of the Valence Electron Correlation Satellites in Argon and Xenon

27. O. Hemmers, F. Heiser, J. Eiben, R. Wehlitz, and U. Becker Intrinsic Auger Anisotropies in the C-KVV Auger Decay of CO

28. A. Menzel, O. Hemmers, B. Langer, R. Wehlitz, and U. Becker Angular Distributions of Electrons in the Decay-Spectra of Core-excited HCl

Tenth International Conference on Vacuum Ultraviolet Radiation Physics (VUV10), Paris, France, July 27-31, 1992

29. U. Becker, O. Hemmers, B. Langer, I. Lee, A. Menzel, R. Wehlitz, and M.Ya. Amusia



- 30. B. Langer, O. Hemmers, A. Menzel, R. Wehlitz, and U. Becker He n=2 Satellite Production Reconsidered
- 31. A. Menzel, O. Hemmers, B. Langer, R. Wehlitz, and U. Becker Alignment Transfer in the Dissociation of Core-excited HCl
- 32. O. Hemmers, F. Heiser, J. Eiben, R. Wehlitz, and U. Becker Shape Resonance Induced Alignment Variation Observed via C-KVV Diagram and Satellite Auger Transitions of CO

Thirteenth International Conference on Atomic Physics (13. ICAP), München, August 3-7, Germany, 1992

33. B. Langer, J. Vierhaus, O. Hemmers, A. Menzel, R. Wehlitz, and U. Becker Observation of Parity Unfavoured Transitions in the Nonresonant Photoionization of Argon

International Workshop on Photoionization (IWP-92), Berlin, Germany, August 24-28, 1992

- 34. B. Langer, J. Viefhaus, O. Hemmers, A. Menzel, R. Wehlitz, and U. Becker Observation of Parity Unfavoured Transitions in the Nonresonant Photoionization of Argon
- 35. U. Becker, O. Hemmers, B. Langer, I. Lee, A. Menzel, R. Wehlitz, and M.Ya. Amusia Multiplet-changing Auger Transitions in Valence Double Photoionization
- 36. A. Menzel, O. Hemmers, B. Langer, R. Wehlitz, and U. Becker Alignment Transfer in the Dissociation of Core-excited HCl

DPG-Frühjahrstagung, Berlin, Germany, March 15-19, 1993

- 37. A. Menzel, O. Hemmers, B. Langer, R. Wehlitz und U. Becker Untersuchung der Valenz- und Innerschalen-Photoionisation von HCI
- 38. V. Dzidzonou, J. Viefhaus, O. Hemmers, B. Langer und U. Becker Untersuchung der Photoionisation von $HgCl_2$
- 39. O. Hemmers, F. Heiser, J. Eiben, R.Wehlitz und U. Becker Anregungsabhängiges Verhalten der C-KVV Satelliten-Augerlinien von CO im Shape-Resonanz Bereich
- 40. R. Wehlitz, O. Hemmers, B. Langer, A. Menzel und U. Becker Die Elektronen-Winkelverteilung bei der Doppelionisation von He

Fifteenth International Symposium on Molecular Beams (ISMB-15), Berlin, Germany, May 16-21, 1993

41. U. Becker, F. Heiser, O. Hemmers, A. Menzel, and R. Wehlitz Ionization and fragmentation of core excited molecules

Sixteenth International Conference on X-Ray and Inner-Shell Processes (X-93), Debrecen, Hungary, July 12-16, 1993

- 42. O. Hemmers, F. Heiser, J. Eiben, R. Wehlitz, and U. Becker Variation of the C-KVV Auger Angular-Distribution in the C 1s σ^* Resonance of CO
- 43. A. Menzel, O. Hemmers, B. Langer, R. Wehlitz, and U. Becker Study of the Cl 2p Excitation and Ionization in HCl

Eighteenth International Conference on the Physics of Electronic and Atomic Collisions (XVIII. ICPEAC), Arhus, Denmark, July 21-27, 1993

44. R. Wehlitz, O. Hemmers, B. Langer, A. Menzel, and U. Becker Angular Distribution of Photoelectrons Following Double Ionization of He

58. Physikertagung, Hamburg, Germany, March 14-18, 1994

45. T. Liebsch, O. Plotzke, F. Heiser, U. Hergenhahn, O. Hemmers, R. Wehlitz und U. Becker Winkelaufgelöste Elektronenspektroskopie an C60

46. R. Wehlitz, J. Viefhaus, O. Hemmers und U. Becker Beobachtung ausgeprägter n-Abhängigkeiten beim Zerfall der Ne 1 $s \rightarrow np$ Resonanzen

47. A. Menzel, O. Hemmers, B. Langer, J. Viefhaus, R. Wehlitz und U. Becker Elektronische Relaxation vs. schnelle Dissoziation beim Zerfall der Cl 2p Anregungen von HCl und DCl

1994 Annual Meeting of the Division of Atomic, Molecular, and Optical Physics (DAMOP), Washington, DC, USA, April 18-21, 1994

48. U. Becker, N. Berrah, O. Hemmers, B. Langer, J. Viefhaus, R. Wehlitz, and S. B. Whitfield Pronounced n-Dependences of Auger Spectra after Ne 1 $s \rightarrow np$ Excitations

Gordon Research Conference on Electron Spectroscopy, New England College, New Hamphshire, USA, July 3-8, 1994

49. U. Becker, F. Heiser, O. Hemmers, and K. Wieliczek Angle resolved studies of photodissociation dynamics of small molecules

Fourteenth International Conference on Atomic Physics (14. ICAP) Boulder, Colorado, USA, July 31-August 5, 1994

50. U. Becker, N. Berrah, O. Hemmers, U. Hergenhahn, B. Langer, J. Viefhaus, R. Wehlitz, and S.B. Whitfield

Double Ionization Following 1s → np Excitation of Atomic Neon

European Conference on Atomic and Molecular Physics (ECAMP-5), Edinburgh, UK, April 3-7, 1995

51. F. Heiser, N. Saito, K. Wieliczek, O. Hemmers, N. Berrah and U. Becker Angle resolved ionic fragmentation studies of small molecules

1995 Annual Meeting of the Division of Atomic, Molecular, and Optical Physics (DAMOP), Toronto, Ontario, Canada, May 16-19, 1995

52. B. Langer, 0. Hemmers, O. Toader, J.D. Bozek, and N. Berrah Angle Resolved High Resolution Studies of the Xe $4d^{-1} \rightarrow 5p^{-2}np$ Resonances

53. A. Farhat, B. Langer, O. Hemmers, M. Humphrey, N. Berrah Photoionization with Excitation of the 4s and 4p Subshells in Krypton

54. N. Berrah, O. Toader, B. Langer, J.D. Bozek, D.W. Lindle, O. Hemmers
Autoionization of Ar, Kr, and Xe near the ns threshold-determination of partial cross section and β parameter in ns- ϵ p transitions

Nineteenth International Conference on the Physics of Electronic and Atomic Collisions (XIX. ICPEAC), Whistler, Canada, July 26-August 1, 1995

55. B. Langer, N. Berrah, J.D. Bozek, O. Hemmers, D.W. Lindle, and O. Toader High Resolution Angle Resolved Photoelectron Spectroscopy at the ALS: The Ar3 $s^{-1} \rightarrow np$ Resonances

56. F. Heiser, N. Saito, K. Wieliczek, O. Hemmers, N. Berrah and U. Becker Fragmentation dynamics of core excited molecules

57. N. Saito, F. Heiser, O. Hemmers, A. Hempelmann, K. Wieliczek, J. Viefhaus and U. Becker High resolution ionic fragmentation studies of small molecules

Eleventh International Conference on Vacuum Ultraviolet Radiation Physics (VUV-11), Tokyo, Japan, August 27-September 1, 1995

58. R.C.C. Perera, W. Ng, G. Jones, O. Hemmers, P. Glans, S. Whitfield, H. Wang, D.W. Lindle Results from the High-Brightness X-Ray Spectroscopy Beamline at ALS for 2-5 keV Region

59. F. Heiser, N. Saito, K. Wieliczek, O. Hemmers, N. Berrah and U. Becker Dissociation dynamics of small molecules

National Synchrotron Radiation Instrumentation Meeting (SRI-95), Argonne, Illinois, USA, October 18-25, 1995

60. W. Ng, G. Jones, R.C.C. Perera, D. Hansen, J. Daniels, O. Hemmers, P. Glans, S.B. Whitfield, H. Wang, and D.W. Lindle
First Results from the High-Brightness X-Ray Spectroscopy Beamline at ALS

Advanced Light Source Users' Association Annual Meeting, Berkeley, CA, October 23-24, 1995

61. P. Glans, D. Hansen, O. Hemmers, H. Wang, S.B. Whitfield, D.W. Lindle, W.C. Stolte, J.A.R. Samson Ion Time-of; Flight Spectroscopy of CH₃Cl

62. D.L. Hansen, P. Glans, O. Hemmers, H. Wang, S.B. Whitfield, D.W. Lindle, W. Ng, R.C.C. Perera, G. Fisher, W.C. Stolte, J.C. Levin Ion Time of Flight Mass Spectroscopy at Beamline 9.3.1

63. W.C. Stolte, J.A.R. Samson, D.L. Hansen, P. Glans, O. Hemmers, H. Wang, S.B. Whitfield, D.W. Lindle K-Shell Excitation and Photoionization of Atomic Oxygen

64. O. Hemmers, G. Fisher, P. Glans, D.L. Hansen, H. Wang, S.B. Whitfield, D.W. Lindle, R. Wehlitz, J.C. Levin, and I.A. Sellin First Results of Non-Dipole Measurements on Beamline 8.0

DPG-Frühjahrstagung, Rostock, Germany, March 18-22, 1996

65. A. Hempelmann, F. Heiser, O. Hemmers, N. Saito, J. Viefhaus, K. Wieliczek, und U. Becker Hochaufgelöste Ionisations- und Nullvoltspektroskopie kleiner Moleküle

1996 Annual Meeting of the Division of Atomic, Molecular, and Optical Physics (DAMOP), Ann Arbor, MI, USA, May 15-18, 1996

66. A. Farhat, B. Langer, N. Berrah, O. Hemmers, J.D. Bozek Angle Resolved Study of the Xe $4d \rightarrow 6p$ Resonant Auger Process with High Resolution

67. R. Wehlitz, I.A. Sellin, O. Hemmers, S.B. Whitfield, D.W. Lindle, B. Langer, N. Berrah, J. Viefhaus, and U. Becker Ionization-Excitation of Helium at High Photon Energies

68. O. Hemmers, G. Fisher, P. Glans, D.L. Hansen, H. Wang, S.B. Whitfield, D.W. Lindle, R. Wehlitz, J.C. Levin, and I.A. Sellin Non-Dipolar Angular Distributions of Ne 2s and 2p Valence Photoelectrons

69. W.C. Stolte, Y. Lu, J.A.R. Samson, D.L. Hansen, S.B. Whitfield, P. Glans, H. Wang, O. Hemmers, D.W. Lindle

Effects of Post-Collision Interaction for the Auger decay of the Oxygen K-Shell

Seventeenth International Conference on X-Ray and Inner-Shell Processes (X-96), Hamburg, Germany, September 9-13, 1996

70. O. Hemmers, R. Wehlitz, G. Fisher, P. Glans, D.L. Hansen, H. Wang, S.B. Whitfield, J.C. Levin, I.A. Sellin, and D.W. Lindle
Non-Dipole Effects in Ne and Xe below 1.2 keV

71. H. Wang, P. Glans, O. Hemmers, S.B. Whitfield, and D.W. Lindle An Autoionization Study of Argon 2p Satellites Excited near the Argon 2s Threshold

72. N. Berrah, B. Langer, A. Farhat, O. Hemmers, J.D. Bozek Angle Resolved High Resolution Studies of the Xe $4d_{5/2} \rightarrow 6p$ Resonance

Advanced Light Source Users' Association Annual Meeting, Berkeley, CA, October 21-22, 1996

73. O. Hemmers, S.B. Whitfield, P. Glans, H. Wang, D.L. Hansen, G. Fisher, D.W. Lindle, R. Wehlitz, J.C. Levin, I.A. Sellin, R.C.C. Perera, E.W.B. Dias, H.S. Chakraborty, P.C. Deshmukh, S.T. Manson Non-Dipole Effects in Ne and Xe below 1.2 keV

74. R. Wehlitz, I.A. Sellin, O. Hemmers, S.B. Whitfield, P. Glans, H. Wang, D.W. Lindle, B. Langer, N. Berrah, J. Viefhaus, U. Becker Photon energy dependence of ionization-excitation in helium at medium energies

75. H. Wang, G.B. Armen, P. Glans, O. Hemmers, R. Wehlitz, S. B. Whitfield, and D. W. Lindle An Autoionization Study of Argon 2p Satellites Excited near the Argon 2s Threshold

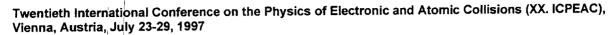
1997 Joint Meeting of the APS/AAPT with DAMOP and CAM'97, Washington, D.C., USA, April 18-21, 1997

76. R. Wehlitz, I.A. Sellin, O. Hemmers, S.B. Whitfield, P. Glans, H. Wang, D.W. Lindle, B. Langer, N. Berrah, J. Viefhaus, and U. Becker Partial Photoionization Cross-Sections of Helium Satellites at Medium Photon Energies

77. S.T. Manson, E.W.B. Dias, H.S. Chakraborty, P.C. Deshmukh, O. Hemmers, G. Fisher, P. Glans, D.L. Hansen, H. Wang, S.B. Whitfield, D.W. Lindle, R. Wehlitz, J.C. Levin, I.A. Sellin, and R.C.C. Perera Breakdown of the Independent Particle Approximation in High-Energy Photoionization

International Workshop on Photoionization (IWP-97), Chester, England, July 16-21, 1997

78. S.T. Manson, E.W.B. Dias, H.S. Chakraborty, P.C. Deshmukh, O. Hemmers, G. Fisher, P. Glans, D.L. Hansen, H. Wang, S.B. Whitfield, D.W. Lindle, R. Wehlitz, J.C. Levin, I.A. Sellin, and R.C.C. Perera Breakdown of the Independent Particle Approximation in High-Energy Photoionization



79. S.T. Manson, E.W.B. Dias, H.S. Chakraborty, P.C. Deshmukh, O. Hemmers, G. Fisher, P. Glans, D.L. Hansen, H. Wang, S.B. Whitfield, D.W. Lindle, R. Wehlitz, J.C. Levin, I.A. Sellin, and R.C.C. Perera Breakdown of the Independent Particle Approximation in High-Energy Photoionization

Advanced Light Source Users' Association Annual Meeting, Berkeley, CA, October 13-14, 1997

- 80. O. Hemmers, P. Glans, H. Wang, D.W. Lindle, R. Wehlitz, J.C. Levin, I.A. Sellin, R.C.C. Perera Beyond the Dipole Approximation: Angular-Distribution Effects in Molecular Nitrogen
- 81. O. Hemmers, P. Glans, D.L. Hansen, H. Wang, S.B. Whitfield, D.W. Lindle, E.W.B. Dias, H.S. Chakraborty, P.C. Deshmukh, S.T. Manson, R. Wehlitz, J.C. Levin, I.A. Sellin, and R.C.C. Perera Breakdown of the Independent Particle Approximation in High-Energy Photoionization

Nevada Science and Technology Symposium, Univ. of Nevada, Las Vegas, Nevada, January 9, 1998

82. D.W. Lindle, O. Hemmers, P. Glans, H. Wang, R. Wehlitz, J.C. Levin, I.A. Sellin Beyond the Dipole Approximation: Angular-Distribution Effects in N₂

1998 Annual Meeting of the Division of Atomic, Molecular, and Optical Physics (DAMOP), Santa Fe, NM, USA, May 27 - 30, 1998

- 83. J. York, S.B. Whitfield, P. Glans, D.L. Hansen, O. Hemmers, H. Wang, D.W. Lindle, R. Wehlitz, I.A. Sellin Non-dipole Effects in the Photoionization of the Xe n = 4 and n = 5 Subshells
- 84. O. Hemmers, P. Glans, H. Wang, D.W. Lindle, R. Wehlitz, J.C. Levin, I.A. Sellin, R.C.C. Perera Beyond the Dipole Approximation: Angular-Distribution Effects in N₂

Twelfth International Conference on Vacuum Ultraviolet Radiation Physics (VUV-12), San Francisco, California, USA, August 3-7, 1998

- 85. H. Wang, P. Glans, O. Hemmers, S.B. Whitfield, D.W. Lindle, R. Wehlitz, I.A. Sellin, G.B. Armen, J.C. Levin, R.C.C. Perera An Angle-Resolved Autoionization Study of the Argon 2*p* Satellites Excited Near the Argon 2*s* Threshold

86. O. Hemmers, H. Wang, P. Glans, R. Wehlitz, P. Focke, J.C. Levin, I.A. Sellin, R.C.C. Perera, P.W. Langhoff, J.A. Sheehy, J.D. Mills, D.W. Lindle Beyond the Dipole Approximation: Angular-Distribution Effects in 1s Photoemission from Small Molecules

Advanced Light Source Users' Association Annual Meeting, Berkeley, CA, October 22-23, 1998

- 87. D.L. Hansen, O. Hemmers, H. Wang, D.W. Lindle, H.S. Chakraborty, P.C. Deshmukh, S.T. Manson: High-Energy Valence Photoionization of Argon Effect of Interaction with 3s Photoionization Channels
- 88. O. Hemmers, H. Wang, P. Glans, W. Stolte, R. Wehlitz, P. Focke, J.C. Levin, I.A. Sellin, R.C.C. Perera, P.W. Langhoff, J.A. Sheehy, J.D. Mills, D.W. Lindle: Beyond the Dipole Approximation Angular-Distribution Effects in 1s Photoemission from Small Molecules

1999 Centennial Meeting of the American Physical Society, Atlanta, GA, USA, March 20-26, 1999

89. W.R. Johnson, A. Derevianko, K.T. Cheng, V.K. Dolmatov, S.T. Manson, O. Hemmers, S. Oblad, P. Glans, S.B. Whitfield, H. Wang, D.W. Lindle, R. Wehlitz, I.A. Sellin RPA studies of nondipolar angular-distribution asymmetry parameters in the n=2 shell of neon

90. W.C. Stolte, D.L. Hansen, H. Wang, O. Hemmers, D.W. Lindle, I.D. Lopez, A. Rizvi, A.S. Schlachter, M.S. Lubell
Production of oxygen anions in the K-shell photoionization of CO

91. D.L. Hansen, O. Hemmers, H. Wang, D.W. Lindle, H.S. Chakraborty, P.C. Deshmukh, and S.T. Manson: High-Energy, Valence Photoionization of Argon Effect of Interaction with 3s Photoionization Channels

92. O. Hemmers, H. Wang, D.W. Lindle, P. Focke, I.A. Sellin, J.A. Sheehy, J.D. Mills, and P.W. Langhoff: Beyond the Dipole Approximation Angular-Distribution Effects in the 1s Photoemission from Small Molecules

Twentyfirst International Conference on the Physics of Electronic and Atomic Collisions (XXI. ICPEAC), Sendai, Japan, July 22-27, 1999

93. A. Hempelmann, N. Saito, F. Heiser, O. Hemmers, K. Wieliczek, J. Viefhaus, and U. Becker Evidence for Fragmentation Channel Dependent Linewidth Narrowing in K-Shell Photoexcitation Spectroscopy of N₂ and CO

94. O. Hemmers, P. Glans, H. Wang, S.B. Whitfield, D.W. Lindle, R. Wehlitz, I.A. Sellin, A. Derevianko, and W.R. Johnson | First and Second Order Corrections to the Dipole Approximation observed in neon below 1000 eV

Berkeley Lab Center for Science and Engineering Education, Summer Student Poster Session, Berkeley, CA, USA, August 4, 1999

95. M. Blackburn, F. Schlachter, and O. Hemmers Hard Exams? (In Atomic & molecular Spectroscopy)

Eighteenth International Conference on X-Ray and Inner-Shell Processes (X-99), Chicago, IL, USA, August 23-27, 1999

96. O. Hemmers, H. Wang, D.W. Lindle, P. Focke, I.A. Sellin, J.A. Sheehy, J.D. Mills, and P.W. Langhoff: Beyond the Dipole Approximation Angular-Distribution Effects in the 1s Photoemission from Small Molecules

97. O. Hemmers, P. Glans, H. Wang, S.B. Whitfield, D.W. Lindle, R. Wehlitz, I.A. Sellin, A. Derevianko, and W.R. Johnson First and Second Order Corrections to the Dipole Approximation observed in neon below 1000 eV

98. P.R. Focke, O. Hemmers, H. Wang, I.A. Sellin, J.C. Levin, and D.W. Lindle Angular Distribution of Xe M-NN Auger Decay following 834 eV Photoionization

Advanced Light Source Users' Association Annual Meeting, Berkeley, CA, October 18-20, 1999

99. O. Hemmers, P. Glans, H. Wang, S.B. Whitfield, D.W. Lindle, R. Wehlitz, I.A. Sellin, A. Derevianko, W.R. Johnson
Comprehensive Photoelectron Angular Distributions Study of the Valence Shells in Neon

100. P.R. Focke, O. Hemmers, H. Wang, I.A. Sellin, J.C. Levin, and D.W. Lindle Angular Distribution of Xe M-NN Auger Decay Following 834 eV Photoionization

2000 Annual Meeting of the Division of Atomic, Molecular, and Optical Physics (DAMOP), Storrs, Ct, USA, June 14 - 17, 2000

101. P.W. Langhoff, J.C. Arce, J.A. Sheehy, O. Hemmers, H. Wang, D.W. Lindle, P. Focke, I.A. Sellin On the angular distributions of electrons photoejected from fixed-in-space and randomly oriented molecules

Southern Nevada Summer Research Experience Programs, UNLV-EPSCoR, Summer 2000

102. M. Lotrakul, O. Hemmers, and D.W. Lindle Dipole/Nondipole Angular-Distribution Effects in CO by Time-of-Flight Photoelectron Spectroscopy with Synchrotron Radiation

Eighth International Conference on Electronic Spectroscopy & Structure (ICESS8), Berkeley, CA, USA, August 8-12, 2000

- 103. H.Wang, O. Hemmers, P. Focke, M.M. Sant'Anna, D. Lukic, M. Grush, I.A. Sellin and D.W. Lindle Observation of Non-Dipolar Effects of Xenon 4d Photoelectrons in the Vicinity of Cooper Minimum
- 104. H. Wang, G. Snell, O. Hemmers, B. Langer, M.M. Sant'Anna, N. Berrah, and D.W. Lindle Dipolar Angular Distributions and Branching Ratio of Xenon 4d Photoelectrons in the Photon Energy Range of 100-250 eV
- 105. H. Wang, O. Hemmers, P. Focke, M.M. Sant'Anna, D. Lukic, C. Heske, R.C.C. Perera, I.A. Sellin, and D.W. Lindle
 Non-Dipolar and Dipolar Angular Distribution of S 2s and 2p of SF6 Core-Level Photoionization in the Vicinity

Advanced Light Source Users' Association Annual Meeting, Berkeley, CA, October 16-18, 2000

of F 1s Excitation

- 106. D.L. Hansen, W.C. Stolte, M.N. Piancastelli, I. Dominguez Lopez, A. Rizvi, O. Hemmers, H.Wang, A.S. Schlachter, M.S. Lubell, and D.W. Lindle Post-Collision Interaction Moderated Anion Formation Following Photofragmentation of CO
- 107. H.Wang, O. Hemmers, P. Focke, M.M. Sant'Anna, D. Lukic, M. Grush, I.A. Sellin, and D.W. Lindle Observation of Non-Dipolar Effects of Xenon 4d Photoelectrons in the Vicinity of Cooper Minimum
- 108. H. Wang, G. Snell, O. Hemmers, B. Langer, M.M. Sant'Anna, N. Berrah, and D.W. Lindle Dipolar Angular Distributions and Branching Ratio of Xenon 4d Photoelectrons in the Photon Energy Range of 100-250 eV
- 109. H. Wang, O. Hemmers, P. Focke, M.M. Sant'Anna, D. Lukic, C. Heske, R.C.C. Perera, I.A. Sellin, and D.W. Lindle
- Non-Dipolar and Dipolar Angular Distribution of S 2s and 2p of SF6 Core-Level Photoionization in the Vicinity of F 1s Excitation
- 110. P.W. Langhoff, J.C. Arce, J.A. Sheehy, O. Hemmers, H. Wang, P. Focke, I.A. Sellin, and D.W. Lindle On the angular distributions of electrons photoejected from fixed-in-space and randomly oriented molecules
- 2001 Annual Meeting of the Division of Atomic, Molecular, and Optical Physics (DAMOP), London, Ontario, Canada, May 16-19, 2001
- 111. O. Hemmers, S.T. Manson, M. Sant'Anna, P. Focke, H. Wang, I.A. Sellin, and D.W. Lindle Relativistic effects on interchannel coupling in atomic photoionization: the photoelectron angular distribution of Xe 5s

Twentysecond International Conference on the Physics of Electronic and Atomic Collisions (XXII. ICPEAC), Santa Fe, NM, USA, July 18-24, 2001

112. O. Hemmers, M. Lotrakul, G. Öhrwall, S.W. Yu, D. Lukic, I.A. Sellin, and D.W. Lindle

Large Nondipole Effects in the Core-Level Threshold Regions of Small Molecules

Berkeley Lab Center for Science and Engineering Education, Summer Student Poster Session, Berkeley, CA, USA, August 7, 2001

113. Monica Pangilinan, Sierra Laidman, Alfred Schlachter, Oliver Hemmers, Dennis Lindle, Gunnar Öhrwall, Sung Woo Yu, Renaud Guillemin, Wayne Stolte Light at the End of the Tunnel (Exploring the Limitations of the Dipole Approximation)

114. Sierra Laidman, Monica Pangilinan, Alfred Schlachter, Oliver Hemmers, Dennis Lindle, Gunnar Öhrwall, Sung Woo Yu, Renaud Guillemin, Wayne Stolte Let there be Light (Beamline 8.0.1 and a Time-of-Flight Apparatus)

The Thirteenth International Conference on Vacuum Ultraviolet Radiation Physics (VUV-13), Trieste, Italy, July 23-27, 2001

115. O. Hemmers, M. Lotrakul, G. Öhrwall, S.W. Yu, D. Lukic, I.A. Sellin, and D.W. Lindle Large Nondipole Effects in the Core-Level Threshold Regions of small Molecules

116. G. Öhrwall, O. Hemmers, S.W. Yu, M. Lotrakul, D. Lukic, I.A. Sellin, and D.W. Lindle Nondipole Effects in Core-Electron Photoemission Angular Distributions of small Molecules

VUV-13 Satellite Meeting "Decay Processes in Core-Excited Species" Rome, Italy, July 30 - Aug 2, 2001

117. G. Öhrwall, O. Hemmers, S.W. Yu, R. Guillemin, M. Lotrakul, D. Lukic, I.A. Sellin, and D.W. Lindle Non-Dipole Effects in Atomic and Molecular Photoemission

Advanced Light Source Users' Association Annual Meeting, Berkeley, CA, October 15-17, 2001

118. O. Hemmers, M. Lotrakul, G. Öhrwall, S.W. Yu, D. Lukic, I.A. Sellin, and D.W. Lindle Large Nondipole Effects in the Core-Level Threshold Regions of small Molecules

2002 Annual Meeting of the Division of Atomic, Molecular, and Optical Physics (DAMOP), Williamsburg, VA, USA, May 29-June 1, 2002

119. E.P. Kanter, B. Krässig, S.H. Southworth, R. Guillemin, O. Hemmers, D.W. Lindle, N.L.S. Martin, and R. Wehlitz
Dipole-forbidden Photoionization through the He $2p^2$ 1D_2 Autoionizing Resonance

120. O. Hemmers, R. Guillemin, G. Öhrwall, M. Lotrakul, S.W. Yu, D.W. Lindle, P.C. Deshmukh, S.T. Manson, and I.A. Sellin: Relativistic Effects on Dipole and Nondipole Interchannel Coupling in Atomic Photoionization

The Photoelectron Angular Distributions of Xe 5s and 5p

121. O. Hemmers, D.W. Lindle, M. Blackburn, T. Goddard, P. Glans, H. Wang, S.B. Whitfield, R. Wehlitz, and I.A. Sellin

First Separate Measurements of the Nondipole Parameters γ and δ : Showcase Neon 2p Photoemission

122. O. Hemmers, M. Lotrakul, G. Öhrwall, R. Guillemin, S.W. Yu, D.W. Lindle, D. Lukic, and I.A. Sellin Large Nondipole Effects in the Core-Level Threshold Regions of Small Molecules

123. N.L.S. Martin, E.P. Kanter, B. Krässig, S.H. Southworth, R. Guillemin, O. Hemmers, D.W. Lindle, and R. Wehlitz

Resonant Non-Dipole Parameters for He 2ℓ2ℓ' Autoionizing Resonances

124. R. Guillemin, O. Hemmers, D.W. Lindle, E. Shigemasa, K. Le Guen, D. Ceolin, C. Miron, N. Leclercq, P. Morin, M. Simon, and P.W. Langhoff Non-Dipolar Electron Angular Distributions from Fixed-in-Space Molecules

Symposium in Honor of C.E. Brion (85th Canadian Society for Chemistry Conference and Exhibition): Electron and VUV Photon Impact Methods, Vancouver, British Columbia, Canada, June 4-5 2002

125. D.W. Lindle, W.C. Stolte, O. Hemmers, G. Öhrwall, D.L. Hansen, L.T.N. Dang, M.M. Sant'Anna, A.S. Schlachter, I. Dominguez-Lopez, M.N. Piancastelli, and M.Lubell Anionic Photofragmentation of Core-Excited Small Molecules

126. D.W. Lindle, O. Hemmers, M. Lotrakul, G. Öhrwall, R. Guillemin, S.W. Yu, D. Lukic, and I.A. Sellin Nondipole Angular-Distribution Effects in Photoemission from Atoms and Molecules

Nineteenth International Conference on X-Ray and Inner-Shell Processes (X-02), Rome, Italy, June 24-28, 2002

127. O. Hemmers, D.W. Lindle, M. Blackburn, T. Goddard, P. Glans, H. Wang, S.B. Whitfield, R. Wehlitz, and I.A. Sellin $_{i}$ First Separate Measurements of the Nondipole Parameters $_{i}$ and $_{i}$ Showcase Neon 2 $_{p}$ Photoemission

128. O. Hemmers, M. Lotrakul, G. Öhrwall, R. Guillemin, S.W. Yu, D.W. Lindle, D. Lukic, and I.A. Sellin Large Nondipole Effects in the Core-Level Threshold Regions of Small Molecules

129. R. Guillemin, O. Hemmers, D.W. Lindle, E. Shigemasa, K. Le Guen, D. Ceolin, C. Miron, N. Leclercq, P. Morin, M. Simon, and P.W. Langhoff Non-Dipolar Electron Angular Distributions from Fixed-in-Space Molecules

International Workshop on Photoionization (IWP-02), SPring-8, Hyogo, Japan, August 22-26, 2002

130. O. Hemmers, R. Guillemin, G. Öhrwall, M. Lotrakul, S.W. Yu, D.W. Lindle, P.C. Deshmukh, S.T. Manson, and I.A. Sellin Relativistic Effects on Dipole and Nondipole Interchannel Coupling in Atomic Photoionization: The Photoelectron Angular Distributions of Xe 5s and 5p

131. O. Hemmers, D.W. Lindle, M. Blackburn, T. Goddard, P. Glans, H. Wang, S.B. Whitfield, R. Wehlitz, and I.A. Sellin

First Separate Measurements of the Nondipole Parameters γ and δ Showcase Neon 2p Photoemission

132. O. Hemmers, M. Lotrakul, G. Öhrwall, R. Guillemin, S.W. Yu, D.W. Lindle, D. Lukic, and I.A. Sellin Large Nondipole Effects in the Core-Level Threshold Regions of Small Molecules

133. R. Guillemin, O. Hemmers, D.W. Lindle, E. Shigemasa, K. Le Guen, D. Ceolin, C. Miron, N. Leclercq, P. Morin, M. Simon, and P.W. Langhoff Non-Dipolar Electron Angular Distributions from Fixed-in-Space Molecules

134. R. Guillemin, D. Rolles, S.W. Yu, O. Hemmers, and D.W. Lindle Non-Dipolar Electron Angular Distributions from Nitrous Oxide

2003 Annual Meeting of the Division of Atomic, Molecular, and Optical Physics (DAMOP), Boulder, CO, USA, May 20-24, 2003

135. R. Guillemin, O. Hemmers, D.W. Lindle, H. Wang, W.C. Stolte, S.-W. Yu, A. Wolska, I. Tran, A. Hudson, J. Baker, D. Rolles
Nearest-neighbor-Atom Core-HoleTransfer effect: Interatomic core-to-core electron correlation in molecules

136. O. Hemmers, R. Guillemin, D.W. Lindle, J. Baker, A. Hudson, M. Lotrakul, W. Stolte, I.C. Tran, A. Wolska, S.W. Yu, E.P. Kanter, B. Krässig, S.H. Southworth, R. Wehlitz, M.Ya. Amusia, L.V. Chernysheva, K.T. Cheng, W.R. Johnson, D. Rolles, S.T. Manson Dramatic nondipole effects in low-energy photoionization: experimental and theoretical study of Xe 5s

Ninth International Conference on Electronic Spectroscopy & Structure (ICESS9), Uppsala, Sweden, June 30- July 4, 2003

137. O. Hemmers, R. Guillemin, E.P. Kanter, B. Krässig, D.W. Lindle, S.H. Southworth, R. Wehlitz, J. Baker, A. Hudson, M. Lotrakul, D. Rolles, W.C. Stolte, I.C. Tran, A. Wolska, S.-W. Yu, M. Ya Amusia, K.T. Cheng, L.V. Chernysheva, W.R. Johnson, S.T. Manson Dramatic nondipole effects in low-energy photoionization: experimental and theoretical study of Xe 5s

138. R. Guillemin, O. Hemmers, D. Rolles, S.-W. Yu, A. Wolska, I. Tran, A. Hudson, J. Baker and D.W. Lindle
Nearest-neighbor-Atom Core-Hole Transfer: Interatomic core-to-core electron correlation in molecules

Twentythird International Conference on Photonic Electronic and Atomic Collisions (XXIII, ICPEAC), Stockholm, Sweden, July 23-29, 2003

139. O. Hemmers, R. Guillemin, D.W. Lindle, J. Baker, A. Hudson, M. Lotrakul, W. Stolte, I.C. Tran, A. Wolska, S.-W. Yu, E.P. Kanter, B. Krässig, S.H. Southworth, R. Wehlitz, M. Ya Amusia, L.V. Chernysheva, K.T. Cheng, W.R. Johnson, D. Rolles, S.T. Manson
Dramatic nondipole effects in low-energy photoionization: experimental and theoretical study of Xe 5s

140. D. Rolles, R. Guillemin, S.-W. Yu, O. Hemmers and D.W. Lindle Giant nondipole effect due to intramolecular interchannel coupling in K-shell photoionization of Nitrous oxide

Advanced Light Source Users' Association Annual Meeting, LBNL, Berkeley, CA, October 6-8, 2003

141. O. Hemmers, R. Guillemin, D.W. Lindle, J. Baker, A. Hudson, M. Lotrakul, W. Stolte, I.C. Tran, A. Wolska, S.-W. Yu, E.P. Kanter, B. Krässig, S.H. Southworth, R. Wehlitz, M. Ya Amusia, L.V. Chernysheva, K.T. Cheng, W.R. Johnson, D. Rolles, S.T. Manson Dramatic nondipole effects in low-energy photoionization: experimental and theoretical study of Xe 5s

142. R. Guillemin, Ö. Hemmers, D. Rolles, S.-W. Yu, A. Wolska, I. Tran, A. Hudson, J. Baker and D.W. Lindle

Nearest-neighbor-Atom Core-Hole Transfer: Interatomic core-to-core electron correlation in molecules

2004 ANS (American Nuclear Society) Student Conference, University of Wisconsin at Madison, WI, April 1-3, 2004

143. C.P. Rodrigo G.W.C. Silva, O. Hemmers, D.L. Perry, and D.W. Lindle Evaluation of Fluorapatite as a Waste Form

144. G.W.C. Silva, D.L. Perry, A.L. Johnson, O. Hemmers, and D.W. Lindle Characterization of the thermal stability of Apatites containing different cations

Graduate and Professional Student Research Forum, University of Nevada, Las Vegas, April 17, 2004

145. G.W.C. Silva, D.L. Perry, A.L. Johnson, O. Hemmers, and D.W. Lindle Characterization of the thermal stability of Apatites containing different cations

The 35th Annual Meeting of the Division of Atomic, Molecular and Optical Physics(DAMOP), Tucson, AZ, USA, May 25-29, 2004

146. O. Hemmers, R. Guillemin, A. Wolska, D.W. Lindle, D. Rolles, K.T. Cheng, W.R. Johnson, H.L. Zhou, S.T. Manson
Nondipole effects in the photoionization of Xe 4d: Evidence for quadrupole satellites

147. O. Hemmers, R. Guillemin, I. Bashta, A. Wolska, D.W. Lindle, D. Rolles, B. Krässig, E. Kanter, S. Southworth, R. Wehlitz, P. Langhoff, V. McKoy, B. Zimmermann Nondipole effects in valence shell photoionization of nitrogen at low photon energies

148. A. Hudson, R. Guillemin, W.C. Stolte, O. Hemmers, D.W. Lindle Polarized Cl K-α Emission from Freon 13

The Fourteenth International Conference on Vacuum Ultraviolet Radiation Physics (VUV-XIV), Cairns, Australia, July 19-23, 2004

149. O. Hemmers, R. Guillemin, A. Wolska, D.W. Lindle, D. Rolles, K.T. Cheng, W.R. Johnson, H.L. Zhou, and S.T. Manson Nondipole effects in the photoionization of Xe 4d: Evidence for quadrupole satellites

150. O. Hemmers, R. Guillemin, A. Wolska, I. Bashta, D.W. Lindle, D. Rolles, B. Krässig, E. Kanter, S. Southworth, R. Wehlitz, P. Langhoff, V. McKoy, and B. Zimmermann Nondipole effects in valence shell photoionization of nitrogen at low photon energies

151. R. Guillemin, O. Hemmers, D. Rolles, S.-W. Yu, A. Wolska, I. Tran, A. Hudson, J. Baker, and D.W. Lindle
Nearest-Neighbor-Atom Core-Hole Transfer in Isolated Molecules

152. A.C. Hudson, R. Guillemin, W.C. Stolte, O. Hemmers, and D.W. Lindle Polarized CI K- α Emission from Freon 13

Advanced Light Source Users' Association Annual Meeting, LBNL, Berkeley, CA, October 16-18, 2004

153. O. Hemmers, R. Guillemin, A. Wolska, D.W. Lindle, D. Rolles, K.T. Cheng, W.R. Johnson, H.L. Zhou, and S.T. Manson Nondipole effects in the photoionization of Xe 4*d*: Evidence for quadrupole satellites

154. O. Hemmers, R. Guillemin, A. Wolska, I. Bashta, D.W. Lindle, D. Rolles, B. Krässig, E. Kanter, S. Southworth, R. Wehlitz, P. Langhoff, V. McKoy, and B. Zimmermann Nondipole effects in valence shell photoionization of nitrogen at low photon energies

155. D. Rolles, R. Guillemin, O. Hemmers, S.-W. Yu, A. Wolska, and D.W. Lindle Nearest-Neighbor-Atom Core-Hole Transfer in Isolated Molecules

156. A.C. Hudson, R. Guillemin, W.C. Stolte, O. Hemmers, and D.W. Lindle Polarized CI K- α Emission from Freon 13

American Nuclear Society (ANS) Student Conference, Columbus, OH, April 2005

157. G.W.C. Silva, O.A. Hemmers, and D.W. Lindle Characterization of the ThermalStability of Zinc-containing Fluorapatite

158. C.P. Rodrigo, O.A. Hemmers, and D.W. Lindle Characterization of Fluorapatite as a Waste Form

Annual Meeting of the Division of Atomic, Molecular, and Optical Physics (DAMOP), Lincoln, Nebraska, May 2005

- 159. O. Hemmers, R. Guillemin, D. Rolles, A. Wolska, S.-W. Yu, D.W. Lindle, and S.T. Manson Study of Spin-orbit-resolved Angular-Distribution Components of Xe 5p
- 160. O.A. Hemmers, W.C. Stolte, R. Guillemin, D. Rolles, and D.W. Lindle First Measurements of Macroscopic Drag Currents under the Action of Photon Flux
- 161. A. Hudson, W.C. Stolte, R. Guillemin, O.A. Hemmers, P.W. Langhoff, and D.W. Lindle Cl K-α Resonant X-ray Raman Scattering from CF₃Cl
- 162. M. Simon, L. Journel, S. Carniato, R. Taieb, I. Minkov, F. Gel'mukhanov, H. Ågren, R. Guillemin, W.C. Stolte, A. Hudson, O.Hemmers, and D.W. Lindle CI K- α and CI K- β Resonant X-ray Raman Emission from HCI

International Conference on X-Ray and Inner-Shell Processes (X-05), Melbourne, Australia, July 2005

163. A. Hudson, W.C. Stolte, R. Guillemin, O.A. Hemmers, P.W. Langhoff, J.D. Mills, and D.W. Lindle Cl K- α Resonant X-ray Raman Scattering from CF₃Cl and CF₂Cl₂

International Workshop on Photoionization (IWP), Campinas, Brazil, July 2005

- 164. A. Hudson, \dot{W} .C. Stolte, R. Guillemin, O.A. Hemmers, P.W. Langhoff, J.D. Mills, and D.W. Lindle CI K- α Resonant X-ray Raman Scattering from CF₃Cl and CF₂Cl₂
- 165. O.Hemmers, R. Guillemin, D. Rolles, A. Wolska, S.-W. Yu, D.W. Lindle, and S.T. Manson Study of Spin-orbit-resolved Angular-Distribution Components of Xe 5*p*
- 166. O.A. Hemmers, W.C. Stolte, R. Guillemin, D. Rolles, and D.W. Lindle First Measurements of Macroscopic Drag Currents under the Action of Photon Flux

Advanced Light Source Annual Users' Meeting, Berkeley, CA, October 2005

- 167. A. Hudson, W.C. Stolte, R. Guillemin, O.A. Hemmers, P.W. Langhoff, J.D. Mills, and D.W. Lindle CI K- α Resonant X-ray Raman Scattering from CF₃Cl and CF₂Cl₂
- 168. O.Hemmers, R. Guillemin, D. Rolles, A. Wolska, S.-W. Yu, D.W. Lindle, and S.T. Manson Study of Spin-orbit-resolved Angular-Distribution Components of Xe 5*p*
- 169. O.A. Hemmers, W.C. Stolte, R. Guillemin, D. Rolles, and D.W. Lindle First Measurements of Macroscopic Drag Currents under the Action of Photon Flux

Annual Meeting of the Division of Atomic, Molecular and Optical Physics (DAMOP), Knoxville, Tennessee, May 16-20, 2006

- 170. P.C. Deshmukh, O. Hemmers, R. Guillemin, A. Wolska, D.W. Lindle, D. Rolles, S.-W. Yu, and S.T. Manson
- First Observation of a Quadrupole Cooper Minimum in the Photoionization of Xe 5p

International Conference on Electronic Spectroscopy and Structure (ICESS10), Foz do Iguacu, PR, Brazil, August 28 - September 1, 2006

- 171. D. Céolin, M.N. Piancastelli, R. Guillemin, W.C. Stolte, S.-W. Yu, O. Hemmers, and D.W. Lindle Fragmentation of methyl chloride studied by partial positive and negative ion yield spectroscopy
- Advanced Light Source Annual Users' Meeting, Berkeley, CA, October 9-11, 2006

172. P.C. Deshmukh, O. Hemmers, R. Guillemin, A. Wolska, D.W. Lindle, D. Rolles, S.-W. Yu, and S.T. Manson

First Observation of a Quadrupole Cooper Minimum in the Photoionization of Xe 5p

173. D. Céolin, M.N. Piancastelli, R. Guillemin, W.C. Stolte, S.-W. Yu, O. Hemmers, and D.W. Lindle Fragmentation of methyl chloride studied by partial positive and negative ion yield spectroscopy

UNLV Undergraduate Student Research Projects, August 9, 2007

174. K. Bowen, Ö. Hemmers, D.W. Lindle
The role of bond length in the nondipole effect in x-ray molecular photoionization

UNLV 2007 Inaugural Energy Symposium, Las Vegas, NV, August 15-17, 2007

175. O. Hemmers, K. Lipinska-Kalita, D. Lindle, I. Demchenko, and W.C. Stolte Synchrotron X-Ray Spectroscopy Studies for H₂ Storage

176. O. Hemmers, K. Lipinska-Kalita, R. Kaushal, and C. Silva Biofuels for Transport: Solving Issues with Condensed Matter Physics Tools

Pahrump Fall Festival, Pahrump, NV, October 4 - 7, 2007

177. O. Hemmers, K. Lipinska-Kalita, R. Kaushal, and C. Silva Biofuels for Transport: Solving Issues with Condensed Matter Physics Tools

Advanced Light Source Annual Users' Meeting, Berkeley, CA, October 4-6, 2007

178. O. Hemmers, K. Lipinska-Kalita, D. Lindle, I. Demchenko, and W.C. Stolte Synchrotron X-Ray Spectroscopy Studies for H₂ Storage

National Clean Energy Summit, Las Vegas, NV, August 19, 2008

179. O. Hemmers, C. Bae, and K. Lipinska-Kalita New Technologies for Future Biodiesel Production

UNLV 2008 Renewable Energy Symposium, Las Vegas, NV, August 20, 2008

180. O. Hemmers, C. Bae, and K. Lipinska-Kalita New Technologies for Future Biodiesel Production

Advanced Light Source Annual Users' Meeting, Berkeley, CA, October 13-15, 2008

181. I.N.Demchenko, Lawniczak-Jablonska, T. Tyliszczak, N.R. Birkner, W.C. Stolte, M. Chernyshova, and O. Hemmers XANES studies of newly synthesized nanostructured manganese oxides

182. I.N. Demchenko, E. Piskorska-Hommel, D. Hommel, W.C. Stolte, and O.Hemmers The local environment around In atoms in InGaN layers grown by MBE

The 14th International Conference on X-ray Absorption Fine Structure, Camerino, Italy, July 26-31, 2009

183. E. Piskorska-Hommel, I.N. Demchenko, T. Yamaguchi, W.C. Stolte, W. Yang, O. Hemmers Polarization dependent studies of InGaN layers by means of XANES

Advanced Light Source Annual Users' Meeting, Berkeley, CA, October 15-17, 2009

184, I.N.Demchenko, M. Chernyshova, J.D. Denlinger, K.M. Yu, D. Speaks, P. Olalde-Velasco, O. Hemmers, W. Walukiewicz, A. Derkachova and K. Lawniczak-Jablonska Full multiple scattering analysis of X-ray absorption near edge structure at the O K- and Cd L₃- edges in CdO thin layer combined with X-ray emission spectroscopy investigation

41st Annual Meeting of the Division of Atomic Molecular and Optical Physics, May 25-29, 2010, Houston, Texas

185. K.P. Bowen, W.C. Stolte, J.A. Young, I.N. Demchenko, R. Guillemin, O. Hemmers, M.N. Piancastelli, D.W. Lindle
Nondipole photoemission from chiral enantiomers of camphor

The 10th jubilee International School and Symposium on Synchrotron Radiation in Natural Science, Szklarska Poreba, Poland, June 6-11, 2010

186. I.N. Demchenko, T. Tyliszczak, M. Chernyshova, K.M. Yu, J.D. Denlinger, D. Speaks, P. Olalde-Velasco, O. Hemmers, W. Walukiewicz, G. Derkachov, and K. Lawniczak-Jablonska Modification of the local structure of oxygen in CdO under irradiation

37th International Conference on Vacuum UltraViolet and X-ray Physics, University of British Columbia, Vancouver, BC, Canada, July 11 – 16, 2010

187. K.P. Bowen, W.C. Stolte, J.A. Young, I.N. Demchenko, R. Guillemin, O. Hemmers, M.N. Piancastelli, D.W. Lindle Nondipole photoemission from chiral enantiomers of camphor

188. I.N. Demchenko, J.D. Denlinger, M. Chernyshova, K.M. Yu, D. Speaks, P. Olalde-Velasco, W.C. Stolte, O. Hemmers, W. Walukiewicz, A. Derachaova, K. Lawniczak-Jablonska Electronic structure of CdO studied by soft X-ray spectroscopy

189. W.C. Stolte, I.N. Demchenko, O. Hemmers
Full multiple scattering analyses of XANES and X-ray emission studies of AgCl near the Cl K-edge

5th International Workshop on Mullite & Mullite-type Materials, Avilés, Spain, May 8th - 11th, 2011

190. P. Kalita, A. Cornelius, K. Lipinska, S. Sinogeikin, M. Lufaso, Z. Kann, O. Hemmers, and H. Schneider Pressure Induced Phase Transitions in Mullite-Type Bi₂(Fe_{4-x}Mn_x)O_{10-x} Complex Oxides

2011 DOE Hydrogen Fuel Cells Program and Vehicle Technologies Program Annual Merit Review and Peer Evaluation Meeting, Arlington, VA, May 9-13, 2011

191. K. Lipinska and O. Hemmers Glasses and Nanocomposites for Hydrogen Storage

2011 DOE Biomass Program Review Integrated Biorefineries Platform IBR & Infrastructure, Washington D.C. Feb. 1-3, 2011

192. K. Lipinska, O. Hemmers and S. Balagopal Development of Biofuels Using Ionic Transfer Membranes – Phase II

APS March Meeting, Boston, MA, Feb, 28-March 2, 2012

193. P. Kalita, A. Cornelius, K. Lipinska, O. Hemmers, S. Sinogeikin, M. Murshed and T. Gesing New Structural Phase Transitions in PbMBO4 Complex Oxides

2012 DOE Hydrogen Fuel Cells Program and Vehicle Technologies Program Annual Merit Review and Peer Evaluation Meeting, Arlington, VA, May 9-13, 2012

194. K. Lipinska and O. Hemmers Glasses and Nanocomposites for Hydrogen Storage

2013 DOE Bioenergy Technologies Office (BETO) Project Peer Review Technology Area Review: Biofuels, May 20-23, 2013

195. K. Lipinska, S. Balagopal, O. Hemmers, and C. Bae Development of Biofuels Using Ionic Transfer Membranes Phase III

APS March Meeting, Baltimore, MD, March 18-22, 2013

196. P. Kalita, A. Cornelius, K. Lipinska, O. Hemmers, S. Sinogeikin, R. Fisher, H. Schneider Mullite Ceramics at Extreme Conditions

In the Media

UNLV Security Studies, KNPR's State of Nevada, AIR DATE: November 13, 2008 http://www.knpr.org/son/archive/detail2.cfm?SegmentID=4731

Now that's green energy, Las Vegas Sun Tuesday, Feb. 24, 2009 http://www.lasvegassun.com/news/2009/feb/24/now-s-green-energy/

Algae Energy, KNPR's State of Nevada, AIR DATE: March 10, 2009 http://www.knpr.org/son/archive/detail2.cfm?SegmentID=5093

Biofuel. KNPR's State of Nevada, AIR DATE: April 9, 2010 http://www.knpr.org/son/archive/detail2.cfm?SegmentID=6816

Experts Call New Fuel Plant a Win-Win, Residents Not So Sure, Channel 8 Now – Las Vegas, Posted: Feb 05, 2014 5:44 PM PST http://www.8newsnow.com/story/24647463/experts-call-new-fuel-plant-a-win-win-residents-not-so-sure

Meetings Attended

Invited to attend the SciTech Hookup event, held at the World Market Center on October 24, 2012.

8th Cyber Security and Information Intelligence Research Workshop, Oak Ridge National Laboratory, January 8 – 10, 2013.

Coalition of EPSCoR/IDeA States' Annual Meeting will take place in Washington, DC on March 11-12, 2013. Visit of the NNSS to explore the infrastructure that may be used in the extreme cyber test bed initiative, March 14, 2013.

Louisiana Tech University, Cyber Security Meeting (TMNL) in Ruston, LA, March 20, 2013
Attended the <u>AUVSI's Unmanned Systems North America 2013 Conference</u> August 12-15, 2013
Washington, D.C.

Invited to attend the SciTech Hookup event, held at the World Market Center on October 25, 2013.

Attended the 9th International Conference on Climate Change (ICCC-9) in Las Vegas, NV, July 7-9, 2014

Attended and Presented at the 14th International Conference on Climate Change (ICCC-14) in Las Vegas, NV, April 16-17, 2021

EXHIBIT D

EXHIBIT D

DECLARATION OF EXPERT G DONALD ALLEN

G DONALD ALLEN declares, under penalty of perjury, that the following is true and correct.

- 1. I am a Professor Emeritus in the Department of Mathematics at Texas A&M University and also an author of numerous works pertaining to mathematics, politics, as well as to government agencies, including classified work.
- 2. Prior to my retirement in 2017, I taught Mathematics at both the undergraduate and graduate levels for 46 years. I developed many graduate courses in problem-solving and related subjects. I developed the online masters program in mathematics, first in the USA, beginning in 2001, and various computer codes relating to numerical analysis.
- 3. I have published more than 80 research articles related to operator theory, functional analysis, mathematics education, nutronics, political systems, and some philosophy topics. I've also reviewed dozens of mathematical papers submitted for publication. As well, I've published books in linear algebra, history of mathematics, and calculus. In addition, prior to retirement I was a Principal Investigator (PI) or co-PI on more than \$10 million in grant funding.
- 4. I have reviewed, mathematically, the reports by Edward Solomon furnished to me which mathematically analyzes the June 14, 2022, Republican gubernatorial primary in Clark County, Nevada, as well as other races.

- 5. In my expert opinion, these reports demonstrate clear and convincing evidence that the election results analyzed in these reports were not produced by accurate counting of the votes cast, but were instead artificially contrived according to a predetermined plan or algorithm.
- 6. In the paragraphs below, we summarize the salient points of the report by Mr. Solomon, simplifying his notation, and clarifying how relatively simple it is to manipulate election outcomes using voting algorithms. Yet, the problem has two parts. The first is to establish the election is incorrect. However, the important component is to estimate what the vote total should be.
- 7. The basic configuration for Candidate A and Candidate B where there are only mail-in and election-day votes. Assume the proportion of the mail-in votes for Candidate A is h. Therefore the proportion of mail-in votes for Candidate B is 1-h. Actual vote totals can be computed by multiplying the total number of mail-in votes. Similarly, the proportion of election day votes for Candidate A is k and the proportion of election-day votes for Candidate B is 1-k. Again, the total votes for each is obtained by multiplying by the total number of election-day votes. Now let M be the number of mail-in ballots and K be the number of votes on election day. Then, the proportion of votes for Candidate A is

$$\frac{hM + kK}{M + K}$$

If voting has been algorhmized by adjusting the proportion of k to a new proportion r the vote total will be the same but the net proportion can be made to whatever, say r < 0.5, it is only required to solve the equation

$$\frac{(1-h)M + (1-k)K}{M+K} = 1-r$$

for k. This is done to favor Candidate B. A similar equation is to favor Candidate A. This new value is merely programmed to change votes to obtain the desired proportion. Programming this is remarkably simple. Going into any election, if the mail-in data is known, and a good estimate of K is known, the equation has a unique solution. If accurate poll data is known, and it generally is, then all we need is M and we can use the poll estimates to reflect the proportions and then estimate what value k should be to obtain the desired proportion k to be programmed in.

All this is for just one voting station and literally could not be detected. However, if the same or similar proportion obtains over hundreds of precincts, then error is ascertained. That is, plotting the values of h and k of actual election results will reveal that k seems to be constant over all voting stations or precincts

- 8. If there is some control over the total number of mail-in ballots, say by supplementing mail-in ballots after the election-day ballots are counted, then both h and k can be manipulated, to a value where the equation above is solved for h to determine the number of ballots that need to be added. In the absence of both proportions, then poll numbers must be used to fix h and then estimate k based on the desired proportion r.
- 9. If all mail-in ballots total are known beforehand, and if algorithms are applied as above with differing values of k, massive evidence of error can be detected by noting the proportion of votes for Candidate B generally computes to the same total proportion over the spectrum of reporting stations.

- 10. In each of these cases, the algorithmic is clear and essentially proved. Please note that while a mathematical proof is desired, we are working with field data, and therefore must be replaced with statistical proof for example as applied to forensic psychology.
- 11. Another, more complex example of algorithmic error, is absolutely clear and convincing when the computed proportions between Candidates A and B do not add up to one. These values we never see, as all reported numbers are lumped together for presentation. Even in the case of newly discovered ballots, we often see total vote proportions change as the count is reported, though this is less indicative of error.
- 12. How to estimate the votes Candidate A would have if the algorithm flaws did not occur? For this, we use a statistical argument and assume the mail-in proportions, which are assumed to be known and correct are the same as the election-day voting proportions. Alternatively, we know an established relationship between the two. From this, we can back-project to what the values of *k* should have been for each precinct. These in turn can be averaged in a weighted scheme (by numbers of voters) to gain the average value of *k*. Using the standard deviation we estimate the range of all *k* values within two standard deviations and compute the expected vote count. In this way, the number of votes lost to Candidate A can be estimated. Alternatively, precinct by precinct poll numbers could be used, thus canceling the effects of mail-in voters that are known to behave in different ways from election day voters. Such are standard methods in statistical analysis. In this particular case, they apply to the Gilbert and Sheriff's election results. Solomon uses a geometrical argument, rotating actual results to assumed slope one expectations.

Donald allen

G. Donald Allen

EXHIBIT E

EXHIBIT E

July 6, 2022

CURRICULUM VITA: G. Donald Allen

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College Station, Texas 77845

Citizenship: U.S.A.

Degree	Major	University	Year
	Mathematics	University of Wisconsin,	
		Madison	1971
	Mathematics	University of Wisconsin,	
		Milwaukee	1966
	Mathematics	University of Wisconsin,	
		Milwaukee	1965

SERVICE: UNIVERSITY SERVICE AND COMMITTEES

- SYMCOMP2019 (PC member)
- 2015 Pearson Scholarship for Higher Education, Judge, July 2015
- Appointed to the Advisory Board, Global STEMx Education Conference, September 19-21, 2013. See, http://stemxcon.com/page/2013-global-advisory-board
- Appointed, Assessment and Effective Teaching 2013, Easy Chair Conferences, 2013-. Information Technology Working Group (ITWG), 2000- founding member.
- Co-director IT Lab, College of Science, 2001- present.
- Appointed, (Southwest Educational Research Association), Instruction, learning and cognition section, co Division Chair 2008-2009.
- Member, Teacher Quality Grants Instructional Leaders Community, 2007-2009.
- Consulting Editor, Thomson Higher Education, 2006-2007.
- Math TEKS Connections (MTC) Geometry Advisory Board, funded through the TEA, 2006-2007. Chair, GK-12 Educational Outreach Institutionalization Committee, 2007 2010.
- Member, STEPS Management Team (College of Engineering), 2006 2008.
- Member, Camtasia Steering Committee, November 2005 2008.
- Member, Sigma Xi educational outreach committee, William Klemm, Chair, July 2005 2008.

- Member, Committee on Academic Freedom, Responsibility, and Tenure (CAFRT), Preliminary Screening Committee, Vice-Chair, 2005-2006.
- Member, Quality Enhancement Plan (QEP) Council, College of Science, 2004 2007.
- Member, President's Executive Committee Task Force for Enhancing the Undergraduate Experience, Jim Eddy, Chair, 2004 -2005.
- Grass Roots P-16 Consortium, (Statewide) 2005 present.
- Regents Scholar Mentor program (11/29/2004 2007).
- Member, NSF PEER Distance Learning Community group, a component of the Partnership for Environmental Education and Rural Health, (See, http://peer.tamu.edu/DLC/NSF_Resources.asp), 2004 2008.
- Member, Regent Initiative, Academy for Educator Development Advisory Committee, TAMUS, 2004 -2005.
- Member, College of Science University Curriculum Committee, Sept 2004 2007.
- Member, College of Science Quality Enhancement Plan Council, (members: Dr. Michael Hall, Chemistry/Dean's Office (Chair) Dr. Vincent Cassone, Biology Dr. Donald Allen, Mathematics Dr. Lewis Ford, Physics Dr. Michael Speed, Statistics), 2004-2007.
- Member, Clinical Faculty Review Committee for TLAC (Department of Teaching Learning and Culture, College of Education), 2004-2005.
- Member, NSF G-K12 Fellows steering committee, (Larry Johnson, Dept of Vet Science, Chair), 2004-2009.
- Member, NSF G-K12 Fellows Recruiting and Selection Committee, (Vince Cassone, Dept of Biology, Chair), 2004 -2009.
- Member, Distance Education Review Committee, (Provost's office) F. Michael Speed, chair, 2003-2004.
- Co-director Information Technology (IT) Lab, College of Science, (2001-present)
- Member, Distance Education Coordinators in the Office of Distance Education, 2002 2005.
- Committee on Academic Freedom, Responsibility, and Tenure, (CAFRT) 2002-2005.
- Member, Computational Kinetics Theory Group, (Primary interest is in mathematical models
 and numerical solutions to the Transport Equation, particularly related to neutron kinetics
 and vehicular traffic flow modeling. The CKTG is headed by Dr. Paul Nelson who is
 affiliated with the Math, Computer Science, and Nuclear Engineering, Departments at Texas
 A&M University.) 1997 -2004.
- Office of Distance Education Faculty Advisory Committee, (2002 -)
- Committee on Academic Freedom, Responsibility, and Tenure, (CAFRT) 2002-2005
- Faculty Search Committee, Department of Teaching, Learning, and Culture, 2002
- Reviewer for Distance Education RPF for online course development (Oct/Nov 2001)
- APC Faculty Workstation Committee (TAMU), 2001- (Pierce Cantrell, Chair)
- AdHoc Committee on Intellectual Property, 2000. (C. Roland Haden, Chair)
- Faculty Workstation Committee (TAMU), 2001 2005.
- Texas A&M University ad hoc Intellectual Property Committee (TAMU), 2000-2001.
- University Laboratory Renovation Committee (TAMU), (William Perry, chair),1999-2001.
- Member, Faculty Senate 1999-. Academic Affairs Committee 1999-2000.
- Member, Faculty Senate 1985-1987, 1999-2002. Chair, Personnel and Welfare Committee 1986-87.
- Faculty Senate, 1999-2002.

- Member, Faculty Senate 1999-. Academic Affairs Committee 1999-.
- Faculty Senate, 1999-2002.
- Faculty Advisory Council, College of Science, vice-chair (1997-98) chair (1998-1999), 1996-1999
- Mentors, 1990-current.
- Mentors Executive Committee, 1996-1997, an oversight group for the welfare of student life, Texas A&M University, 1990-1998.
- University recruiting representative to University of Minnesota, Carleton University, St. Olaf's College, Oct. 25-27, 1988.
- College of Science Faculty Advisory Committee, 1983-1985.
- University Faculty Advisory Committee, 1978.

DEPARTMENTAL SERVICE AND COMMITTEES:

- Associate Department Head for Operations: from 1981-1983 and 1992-1994, 2006-2011.
 Duties include:
 - o Scheduling and assigning courses
 - o Supervising over twenty-five lecturers
 - o Liaison with students
 - o Administering complaint issues
 - o Attending Executive Committee meetings
 - o Liaison with other administrative units
 - o Curriculum development
 - o General administrative duties
 - o Administering IEEF (Institutional Enhancement Equipment Fee) funds
- Executive Committee, 1994-1995, 1997-1999, 2006-2011.
- Honors Committee, 2005 2012.
- Undergraduate Studies Committee, 2006 2011.
- Texas Math Talent Search, (Peter Kuchment, chair), 2004-2010.
- Undergraduate Studies Committee, (2004 2008), Chair.
- Scholarship Committee (2004-2008), Chair.
- Undergraduate Recruiting Committee, 2004.
- Graduate Studies Committee (2003-2004). Teaching Evaluation Committee, 2002-2003.
- Committee to develop an undergraduate mathematics major with an Information Technology specialty, 2002.
- Promotion & Tenure policy review committee, 2001, Chair.
- Information Technology Working Group, founding member, 1999 .
- Department of Mathematics, Executive Committee, 1999 2001
- Undergraduate Committee, Department of Mathematics, 1996 2000.
- Chair, Faculty Advisory Council, College of Science, 1998-1999, Chair 1999
- Member, Faculty Advisory Council, College of Science, 1996-1998.
- Member, Undergraduate Studies Committee, 1996-1999.
- Member, Subcommittee P, Department of Mathematics, 1992.

- Chair, Committee on Computer Software, Department of Mathematics, 1992.
- Chair, Committee on Space, Department of Mathematics, 1992.
- Committee on Academic Freedom, Tenure and Responsibility, 1991-1993, TAMU.
- Course Coordinator of Math 151, Math 152, Math 142, and other for various years.
- Department Head Search Committee, Department of Mathematics 1983.
- Graduate Studies Committee, 2002-2004.
- Undergraduate Studies Committee, 1998-2002.
- Undergraduate Advisor 1986-1992.
- Library Committee, 1971-1976.
- Promotion and Tenure Committee, 1975-1978.
- Colloquium Committee, 1976-1977.

OTHER SERVICE AND COMMITTEES

- Executive Steering Committee ICTCM (International Conference on Technology in Collegiate Mathematics) 2000 present.
- Grass Roots P-16 Consortium, (Statewide) 2005 present.
- Member, Teacher Quality Grants Instructional Leaders Community, 2007-2010.
- Consulting Editor, Thomson Higher Education, 2006-2007.
- Math TEKS Connections (MTC) Geometry Advisory Board, funded through the TEA, 2006-2007.
- Member, Assessment Strand Speakers Committee, ICTCM, 2005 2006.
- Chair, Review Committee for Nicholls State University, appointed by the State of Louisiana Board of Regents, June 8-12, 2003.
- Co-chair. Multimedia Speakers Committee, ICTCM, Oct 30, 2001- Nov2, 2003.
- Regent's Initiative, Academy for Educator Development, member. 2002 2006.
- Strategic Planning Process, a district planning project of the College Station Independent School District, 1998-1999.
- Urban Systemic Initiative, Coalition of 8 ISD's in San Antonio. Pre-grant preparation. (Amount requested, \$15M.) September 1994-August 1995.
- Judge, Brazos Valley Regional Science Fair, March 1996-2001, College Station Team Projects, Chair.
- Judge, Regional Science Bowl, at Texas A&M University, February, 1998-2000. Judge,
 Department of Energy Science Bowl, 1998, College Station, TX.
- Participant in the Conservation and Sustainable Development Initiative, Futurescapes II, TAMU April 13-14, 1989.
- Judge, Brazos Valley Regional Science and Engineering Fair, 1989-1999.
- Judge for the National Council of Teachers of Mathematics at the Brazos Valley Regional Science and Engineering Fair, 1991-1993.
- Participant in the Academic Administrator and Development Seminar, Texas A&M University, April 19-21, 1993.

IN THE PROFESSION - PART I

- 2006-2011, Associate Head, Department of Mathematics
- 1995- Professor, Texas A&M University

- 1994-1995 Associate Dean, University of Texas---San Antonio, Texas (on leave)
- 1992-1994 Associate Head for Operations, Mathematics, Texas A&M
- 1988- Professor of Mathematics, Texas A&M.
- 1981-83 Associate Head, Mathematics, Texas A&M
- 1976-88 Associate Professor of Mathematics, Texas A&M.
- 1974 ONR Research Support Contract N0014-680A-0303-0003(Summer)
 R.E. Schapery, P.I.
- 1973 NSF Research Support, Contract GP 38486. College (Summer) of Science (TAMU) Research support.
- 1972 Research Support, Texas A&M University. (Summer)
- 1971-76 Assistant Professor, Department of Mathematics, Texas A&M University, College Station, Texas.

IN THE PROFESSION - PART II

- Editorial Board, MDPI journals, Basil, Switzerland, 2020-.
- Editorial Board, Journal of Contemporary Mathematics, 2019-
- Editorial Board-Mathematics and Humanities Engineering, 2018 -
- Editorial Board, SAS Journals 2019 -
- Editorial Board, Journal of Advances in Sports and Physical Education, 2016
- Editorial Board, International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC), 2017-
- Editorial Board, Austin Mathematics 2014-
- Editorial Board, Advanced Emergency Medicine, 2017-.
- Associate Editor, School Science and Mathematics Journal, 2005-2009
- Associate Editor, Focus on Mathematics Pedagogy and Content a newsletter for math teachers,
- Youtube.com channel on Numerical Analysis, 2012-.
- Editor, The Math/Science-Online Newsletter 1999 2004.
- Associate Editor (Reviews) College Mathematics Journal, 1999-2005
- Associate Editor, Transport Theory and Statistical physics, 1990-1997.
- Member, Computational Kinetics Theory Group, (Primary interest is in mathematical models and numerical solutions to the Transport Equation, particularly related to neutron kinetics and vehicular traffic flow modeling. The CKTG is headed by Dr. Paul Nelson who is affiliated with the Math, Computer Science, and Nuclear Engineering, Departments at Texas A&M University.) 1997 -2003
- Member, Society for Industrial and Applied Mathematics
- Associate Member, Center for Approximation Theory, Texas A&M, 2002-2008.
- Editor, The Math/Science-Online Newsletter
- Editorial Review Board for AACE/SITE Journal
- Member, Mathematical Association of America
- Referee for numerous journals.
 - a) Asian Research Journal of Mathematics (ARJM)
 - b) Athens Journal of Sciences (AJS)
 - c) Academia Letters

- d) Science & Education
- e) Journal School Science and Mathematics
- f) College Mathematics Journal
- g) The Texas Journal of Science
- h) Mathematical Modeling and Analysis Science and Education
- i) School Science and Mathematics
- j) Journal of STEM Education
- k) Transport Theory and Statistical Physics
- 1) Journal of Mathematical Sociology
- m) Discrete and Continuous Dynamical Systems and Differential Equations
- n) SIAM J. Math. Anal.
- o) Athens Journal of Education
- p) SOAOJ, Mathematics and Humanities Engineering Open Access Open Journal (MHEOAOJ)
- q) SYMCOMP2019 (PC member, reviewer)

CONSULTING

- 1. Reviewer for UConn SPARK Technology Commercialization Fund, 2019
- 2. MTC geometry grant, 2007 (TEA Award number is 050245247110001).
- 3. WebALT (Web Alternative Learning Technologies), 2006-2010.
- 4. Thomson Higher Education, Consulting Editor, 2006-2008.
- 5. Department of Mathematics, University of Idaho, online calculus project, funded through a Congressional earmark. June 13-20, 2005
- 6. TAMUS/Teacher Education Agency on professional development materials, 2004-2005.
- 7. Wiley (2003-2004) Q&A work for Boyce-DiPrima, Ordinary Differential Equations
- 8. LSU Eunice, LA, SACS (Southern Association of Colleges and Schools) pre accreditation consultation team, March 29-31, 2004. Aerospace Academy for Engineering and Teacher Education, an education-industry-government collaboration, http://www.aerospaceacademy.org/index-ie.html. 2002-2003
- 9. Bowling Green University (2002) Creating an online masters degree
- 10. University of Houston (2001-2002)- Putting mathematics courses online; developing an online masters program.
- 11. Addison-Wesley-Longman, 1999 2002.

RECENT GRANTS

- 1. Texas Higher Education Coordinating Board (THECB), Algebra, ~\$98,000, 2012-2014. *Investigations in Secondary Mathematics and Science*. Co-PI with Nite, S. B.
- 2. Texas Higher Education Coordinating Board (THECB), Algebra, ~\$98,000, 2012-2014. Investigations in Secondary Mathematics and Science. Co-PI with Nite, S. B., Texas Higher Education Coordinating Board, Funded \$589,000, 2/1/2014 4/30/2016
- 3. Halliburton Corporation, Mathematics All Around Us: Oil and Gas Applications, \$27,716, 2011-2012
- 4. Developmental Education Demonstration Project Evaluation 2011-2012: Co-Pi with Jim Dyer, M. M. Capraro. Awarded April, 2011 to Texas Higher Education Coordinating Board, Awarded \$399,998, co-Investigator, 6/10/11 10/31/12.
- 5. National Science Foundation (NSF), Preservice Teacher Effectiveness for Algebra I, Gerald

Kulm, PI, September 1, 2010 - August 31, 2015, \$1,778,741, co-PI.

6. National Science Foundation (NSF), Retention through Remediation in PreCalculus, \$1,980,712, STEP Proposal # 0856767, June 15, 2009 - June 14, 2014, PI.

7. West Sabine Independent School District, Mathematical Instructional Coaches Pilot Program (TEA - Texas Education Agency) - West Sabine ISD, \$26,125, 4/1/2009-5/31/2011, amended to \$28,125 on April 11, 2011, PI.

8. Gladewater Independent School District, Mathematical Instructional Coaches Pilot Program,

\$42,000, PI.

- 9. Texas Education Agency (TEA), Professional Development Activities for Teachers and Administrators: Mathematics College and Career Readiness Standards, TEA Funding Source #10450967, TAMU-RF #0902074, \$500,000, August 14, 2009 February 28, 2011.
- 10. Texas Higher Education Coordinating Board (THECB), Design & Pilot of Framework & Tools for CCRS/ Texas Educator Preparation Demonstration Sites, \$500,000, September 1, 2009 August 31, 2010 (Proposal 09-1202 "TAMU Educator Preparation Collaborative for Enhancing College and Career Readiness in Texas").

11. Texas Higher Education Coordinating Board (THECB), Algebra I-II Focus on Alignment, Total Award Amt: \$190,000, May 1, 2009 - May 31, 2011, supplement of \$28,900 awarded on 5/4/2010. Total \$218,900. PI

12. Texas Education Agency via El Paso Independent School District, Math Coachers Service provider contract, \$56,600, November 25, 2008- May 31, 2010, PI.

13. NSF: "Continuing GK-12 Fellows Integrate Science/Math in Rural Middle Schools," PI and Co-PIs: Larry Johnson, James Kracht, W. R. Klemm, G. Donald Allen, Rajesh Miranda, and James Lindner. \$1,547,601, Award No. DGE-0638738, Proposal No. DGE-0638738, February 1, 2007 and expires January 31, 2010.

14. THECB/Dana Center, Teacher Quality Grant - Algebra I, TAMU Account 02-421104 \$84,990, May 1, 2008 - May 31, 2009, PI.

15. THECB/Dana Center, Teacher Quality Grant - Algebra I, TAMU Account 02-421104 \$76,000, May 1, 2008 - May 31, 2009, PI.

16. THECB/Dana Center, Teacher Quality Grant - Algebra II, TAMU Account 02-421104 \$77,000, May 1, 2008 - May 31, 2009, PI.

17. THECB (Texas Higher Education Coordinating Board): "Course Redesign for Math 1324," PI and director: G. Donald Allen, \$349,827, July 20, 2007 - August 31, 2009, TAMRF #0701594.

18. THECB (Texas Higher Education Coordinating Board): "Course Redesign for Math 1324," PI and director: G. Donald Allen, \$349,827, July 20, 2007 - August 31, 2009, TAMRF #0701594.

19. National Science Foundation Award No. DUE-0336591 Title: "Retention Through an Applied Physics, Engineering, and Mathematics (PEM) Model" Award Amount: \$1,999,999.00 PI and Current Co-PI's: Drs. Jo W. Howze, Arun R. Srinivasa, Michael S. Pilant, Timothy P. Scott, and William H. Bassichis Funding Period: 9/15/2003 - 8/31/2008, co-PI.

20. National Science Foundation, ITEST grant, National Middles School Aerospace Scholars. (NaMAS), evaluator. Sharon Sledge, PI, Award No. ESI-0422698, \$1,193,506, January 1, 2005 - August 31, 2008, evaluator.

21. Texas Education Agency (TEA), Math Coaches Program, Approved Service Provider for the Mathematics Instructional Coaches Pilot Program, in response to RFP 701-08-021 / RFP

701-08-040, 2008-09.

- 22. THECB: "High Quality Algebra II Instruction," \$88,197, June 1, 2007 August 31, 2008.
- 23. TEA, 21st Century Community Learning Centers Program, Department of Education through the Texas Education Agency, with Covington ISD, \$200,000, June 1, 2006 May 31, 2008.
- 24. MTA/MTC Math TEKS Awareness, Texas Education Agency through the TAMU College of Education, Sept 1, 2005 June 30, 2007, co-Investigator, (three months salary), co-Investigator.
- 25. THECB/Dana Center, Teacher Quality Grant, Algebra II, TAMU Account 02-421104 \$84,990, May 1, 2006 May 31, 2007.
- 26. Texas Education Agency (TEA RFP 701-05-006 Grant#056944087110059), Improving student Achievement through Professional Development, \$143,839, August 15, 2005-September 30, 2006, PI's G. Donald Allen, Cathy Ezrailson.
- 27. Texas Education Agency (TEA RFP 701-05-006) Snook, \$100,500, August 31, 2005, September 30, 2006.
- 28. Texas Education Agency (TEA RFP 701-05-006) Pasadena, TOOLS The Teaching of Ongoing Learning Strategies, \$150,000, August 31, 2005, September 30, 2006, co-PI.
- 29. Texas Education Agency (TEA RFP 701-05-006) Mathis ISD, \$150,000, August 31, 2005, September 30, 2006, co-PI.
- 30. P-16 Educational Improvement Consortium (PEIC) program, a Texas Education Agency funded program administered through the College of Education and the Department of Teaching Learning and Culture. TAMU, \$12,388, July 1-July 31, 2005.
- 31. Office of Distance Education, TAMU, The Computational Masters Degree, July 20, 2005 July 19, 2007, \$150,000.
- 32. Texas Higher Education Teacher Quality Grant -Type B, "Assuring excellence in algebra II instruction," June 1, 2005 August 31, 2006, co-PI's G. Donald Allen, \$81,687.
- 33. Texas Higher Education Teacher Quality Grant -Type B, "Assuring excellence in middle school mathematics instruction," June 1, 2005 August 31, 2006, co-PI's G. Donald Allen, and Dianne Goldsby, \$81,500.
- 34. Texas Higher Education Teacher Quality Grant -Type B, "Assuring excellence in precalculus instruction," August 1, 2004 January 31, 2006, co-PI's G. Donald Allen and Dianne Goldsby, \$79,993.
- 35. Star Schools Project Math Star Extension Grant to Los Angeles County Office of Education, US Department of Education, 84-203F, Donald Lake and Edna Murphy, codirectors, \$9.221m, June 15, 2004 June 15, 2007; portion funding to Texas A&M with collaborators G. Donald Allen and Deborah Jolly, \$154,000.
- 36. Texas Higher Education Teacher Quality Grant -Type B, "Pre-Calculus," March 12, 2004 July 31, 2005, co-PI's G. Donald Allen and Sharon Sledge, \$80,000.
- 37. Texas Higher Education Teacher Quality Grant -Type A, "Pre-Calculus Practices of Good Teaching through Content, Technology, and Interaction," January 9, 2004 January 31, 2005, PI's G. Donald Allen and Michael Pilant, \$295,391.
- 38. NSF: "Fellows Integrate Science/Math in Rural Middle Schools," PI and Co-PIs: Larry Johnson, James Kracht, W. R. Klemm, Vincent Cassone, Rajesh Miranda, and James Lindner. \$1,210,000, January 1, 2004 December 31, 2006. (I am co-Investigator on this award.)
- 39. Collaborative Research Grants: Project Year 5, Online assessment for teachers, Texas A&M University System, \$18,630, 2003-2004, co-PIs, G. Donald Allen and Dianne Goldsby.

- 40. Quality Enhancement Program, Making assessment a part of the curriculum, Texas A&M University, \$6,500. 2003-04.
- 41. Regents' Initiative for Excellence in Education. Collaborative Research project. "Group Perceptions of Pre-service and In-service Teachers, College/University Faculty and Administrators on Math/Science Teacher Preparation", with Larry Kelly, Dianne Goldsby, and Dawn Parker, 2003-04, \$8,000.
- 42. Math/Physics Modeling Team Project. Funded through the Information Technology Center. January 10, 2001 December 31, 2002, \$80,000. (Joint with Raytcho Lazarov and Joseph Pasciak.)
- 43. Texas A&M University, "Advanced Technology Mediated Instructional Laboratory", January 1, 2001, \$20,000, with Michael Pilant.
- 44. Texas A&M University, "Masters in Mathematics Education Using Distance Learning Protocols", September 1, 1999 to August 31, 2001, \$150,000.
- 45. Texas A&M University System, Regents' Initiative for Excellence in Education. Collaborative Research project. "Group Perceptions of Pre-service and In-service Teachers, College/University Faculty and Administrators on Math/Science Teacher Preparation", with Larry Kelly, Dianne Goldsby, and Dawn Parker, 2003, \$8,000.
- 46. Texas A&M University, "Advanced Technology Mediated Instructional Laboratory", January 1, 2001, \$20,000, with Michael Pilant. National Science Foundation: "Workshop on the efficacy of Maple in the Classroom", part of a contract with SRI, \$135,000, April, 1998. (Joint with David Sanchez, Math)
- 47. Electronic and Learning Incentives Program, sponsored by the Academy for Advanced Telecommunications and Learning Technologies, TAMU. \$5,000. July 1, 1997-Dec 31, 1997.
- 48. National Science Foundation: "Novel Methods for the solution of the transport equation", September 1, 1994 to August 31, 1998, \$315,000. CCR-9302782 (joint with Paul Nelson and Marvin Adams)
- 49. Electronic and Learning Incentives Program, sponsored by the Academy for Advanced Telecommunications and Learning Technologies, TAMU. \$5,000. July 1, 1997-Dec 31, 1997.
- 50. National Science Foundation, Second Texas-Mexico Workshop on Numerical Particle Transport, 1992, \$7,000, with Paul Nelson.
- 51. Development of Numerical Techniques to Measure Migration of Radio nuclides Through Porous Materials. Cray Research, Inc, 1992-1993.
- 52. Texas Advanced Research Program, Studies of the Transport Equation: An International Effort, \$58,609, 1990-1992.
- 53. National Science Foundation: "Third Texas-Mexico Workshop on Numerical Particle Transport", May 1, 1995 to April 30, 1996, \$7,943.
- 54. DOD/D of AF/AFSC, System Impact of Hit Assessment for NPB (Neutral Particle Beam) Discrimination, \$50,000, 1990-1991.

PUBLICATIONS - PAPERS PUBLISHED

- 1) G.D. Allen, "On embedding set functions into covariance functions" Trans. AMS, 179 (1973) 23-33.
- 2) G.D. Allen, "Extensions of Kolmogorov's Theorem for continuous covariances", Proc. AMS, Vol. 39 (1973) 214-216.

- 3) G.D. Allen and S. Cambanis, "Some remarks on Kolmogorov's Theorem" Proc. of the Symposium on Vector Valued Measures (1972) Academic Press.
- 4) G.D. Allen, C.K. Chui, W.R. Madych, F.J. Narcowich and P.W. Smith, "Pade Approximation and orthogonal polynomials", Bull. Austral. Math Soc. 10 (1974) 263-271.
- 5) G.D. Allen, "Pade approximation and Gaussian quadrature" Bull. Austral. Math. Soc. 11 (1974) 63-71.
- 6) G.D. Allen "Pade approximation of Stieltjes Series" J. Approx. Theory, 14 (1975) 302-316.
- 7) G.D. Allen, 'On the multiplicity and spectral type of class of stochastic processes", SIAM J. of Appl. Math., 29 (1975).
- 8) G.D. Allen and F.J. Narcowich, "On the representation and approximation of a class of operator-valued analytic functions", Bull. AMS 81 (1975) 410-413.
- 9) G.D. Allen, "Convergence of the diagonal operator-valued Pade approximants to the Dyson expansion", Comm. Math. Phys. 45 (1975) 153-157.
- 10) G.D. Allen "On the structure of certain bounded linear operators" Proc. AMS, 53 (1975) 404.
- 11) G.D. Allen, F.J. Narcowich and J.P. Williams, "An operator version of a theorem of Kolmogorov" Pac. J. of Math., 61 (1975) 305-312.
- 12) G.D. Allen and F.J. Narcowich, "R-Operators. A representation theory and applications", Indiana J. of Math. 25 (1976) 945-963.
- 13) G.D. Allen and G.S. Brockway, "On the mechanical constitution of damageable materials", J. of Eng. Scie., to appear.
- 14) G.D. Allen and L.C. Shen, "On the structure of principal ideals of operators", Trans. of AMS, 238 (1978) 253-270.
- 15) G.D. Allen and J.D. Ward, "Hermitian liftings of BOp " J. of Operator Theory 1 (1979).
- 16) G.D. Allen, 'Duals of Lorentz Spaces", Pac. J. Math. 77 (1978) 287-291.
- 17) G.D. Allen and J.D. Ward, "A Simultaneous lifting theorem in Hilbert spaces", Trans AMS 250 (1980), 379-387.
- 18) G.D. Allen, D.A. Legg, J.D. Ward, Hermitian Liftings in Orlicz Sequence Spaces, Pac. J. Math. 86 (1980) 379-387.
- 19) G.D. Allen and J.D. Ward, Hermitian lifting in BQ_p, Proc. AMS 80 (1980) 71-77.
- 20) G.D. Allen, Locally Continuous Operators in Prediction Theory and Harmonic Analysis, V. Mandrekar and H. Salehi, Editors, North Holland, 1984.
- 21) Locally Continuous Operators II, Indiana U. Math. Journal, 38 (1989) 711-743.
- 22) Similarity Theory for Nest Algebras on L_p , with D.R. Larson, J.D. Ward and G. Woodward, J. of Functional Analysis, 92 (1990) 49-76.
- 23) Power Majorization and Majorization of Sequences, Results in Mathematics, 12 (1988) 211-222.
- 24) G.D. Allen, K.T. Andrews, and J.D. Ward, A Note on the Similarity of L_p nests, Acta Mathematica Hungarica, to appear.
- 25) G.D. Allen, C.K. Chui & W.L. Perry, 2nd Ed. Elements of Calculus, Brooks/Cole Publishing Co. 1989, Monterey, California.
- 26) G.D. Allen and Paul Nelson, On Generalized Finite Difference Methods for Approximation Solutions to Integral Equations, in *Advances in Numerical Partial Differential Equations and Optimization*, Proceedings of the Fifth Mexico-United States Workshop on Numerical Analysis, SIAM, 1991, pp. 112-140.