



SILVER STATE-ISTICS

Nevada Chapter of American Statistical Association



Dear Nevada ASA Members and Friends,

Read on for information on
what our Chapter has been up to.
Please keep an eye on our website
for more details on upcoming events.

<https://community.amstat.org/nevadachapter/home>

Contents:

Coming Events	1
The President's Corner	1
Elections	2
Poster Competition 2023	2
UNLV-UNR Virtual Seminars on Statistics and Data Science	4
Columbia University summer SHARP program	4
NV-ASA is on LinkedIn	4
Joining NV-ASA!	5
NV-ASA Officers and Others	5

COMING EVENTS

Thursday April 20 there will be a "Post-Pandemic Meet and Greet with Pizza" in the evening at UNLV; see the attached flyer.

In late May there will be dinner meeting with speaker Lissa Callahan in the Reno area; details will be available soon.

On a Friday in July NV-ASA will host a travelling short course *Data Visualization with R*, to be presented by Aaron Williams of the Urban Institute.

And of course there will be our Annual Meeting, this year to be held in the North.

Stay tuned for the details of these and other events to come!

XX

The President's Corner

Andrey Sarantsev

XX

As president of the Nevada Chapter of the American Statistical Association, I wish tighter integration of the two main areas of our large state. The Las Vegas metro area (including North Las Vegas, Henderson, and other suburbs) has about 2 million residents, and Northern Nevada area (Reno/Sparks and Carson City) has about half a million. However, Northern and Southern Nevada contain roughly the same number of research statisticians and college students studying Statistics. The University of Nevada, which is the only PhD-granting institution in this state and de facto the only place where fundamental research in Statistics is done in the state, contains two campuses: Reno and Las Vegas.

Driving is not an option: it takes 8 hours. Maybe we could make regular travels from Reno to Las Vegas and back, using grant money or other sources of funding? Regular in-person talks by UNR statisticians in UNLV and vice versa seems a great idea. This will also give a chance for academicians to meet local industry statisticians in the other city. It is imperative to dispel the stereotype that the great state of Nevada is best only for gambling and other entertainment. Σ

XX

Elections

XX

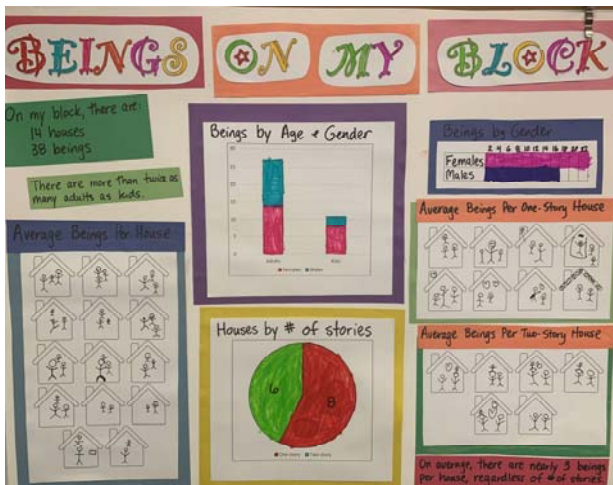
Positions coming open for elections in late 2023 are President, Northern Vice President, Southern Vice President, and Secretary; be thinking about whom you would like to nominate! Current members of the Executive Committee are listed at the end of this Newsletter. ∞

Poster Competition 2023

Our annual K-12 Statistics Poster Competition was held again this year under the leadership of Elizabeth (Beth) Harris, math teacher at the Lied STEM Academy. 193 posters were received from five schools. Grade categories are K-3, 4-6, 7-9, and 10-12. First, Second, and Third prizes and Honorable Mentions are awarded in each category as appropriate. All recognized posters are forwarded to the National ASA Competition. Here are our state winners. These images will also be available on our website.

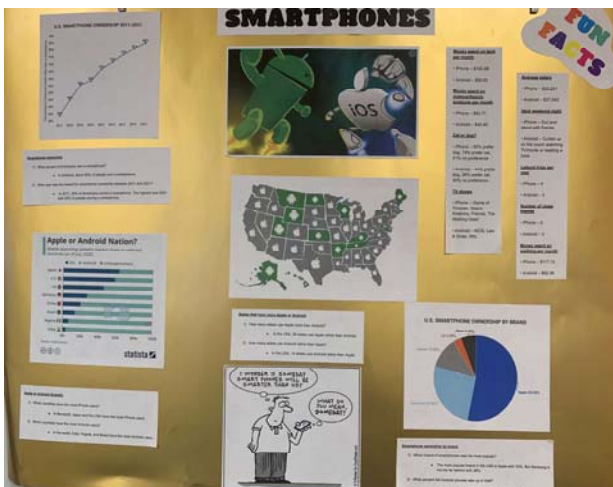
K-3

First place: AnnMarie Hansen, First Grade, Chansen Academy, Carson City. *Beings on My Block* (advisors: Alicia and Michael Hansen)

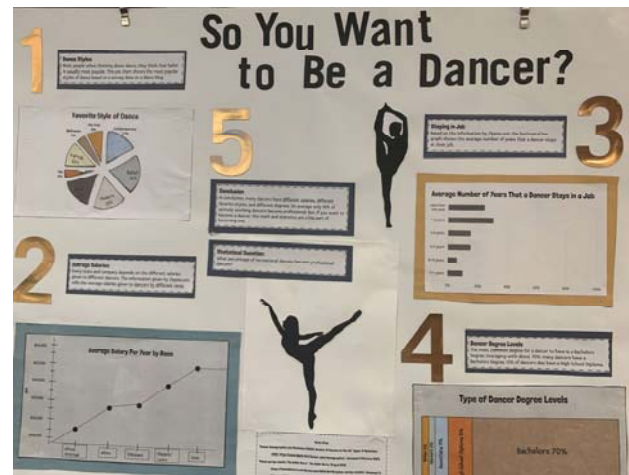


4-6

First place: Emily Kennison, 6th grade, Lied STEM Academy, Las Vegas. *Smartphones* (advisor: Elizabeth Harris)



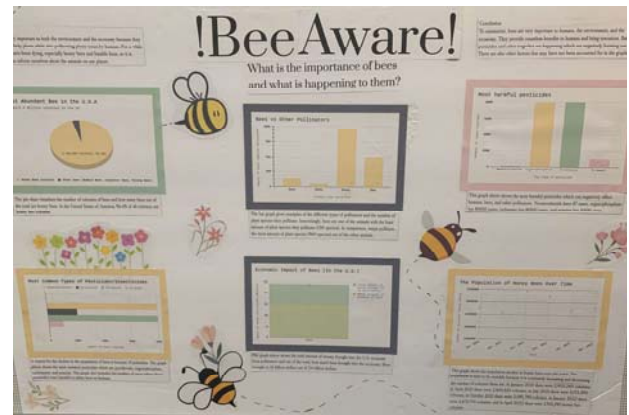
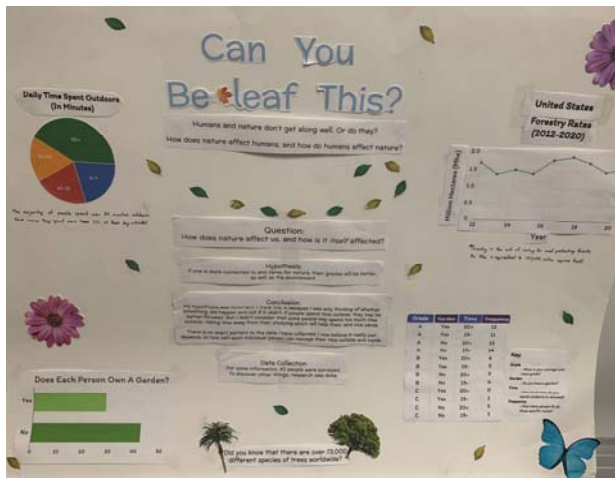
Second place: Maddie Yin, 6th grade, Lied STEM Academy, Las Vegas. *So You Want to Be a Dancer?* (advisor: Elizabeth Harris)



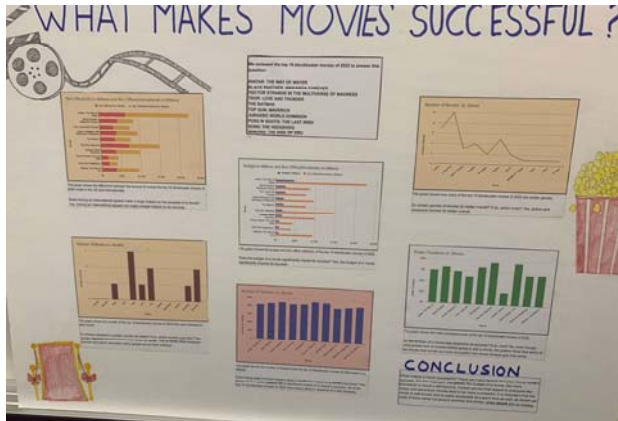
Third place: Eva Smith, 6th grade, Lied STEM Academy, Las Vegas. *How Big is the Fast Food Industry?* (advisor: Elizabeth Harris)



Honorable Mention: Kalyaan Lim, 6th grade, Lied STEM Academy, Las Vegas. *Can You Be-Leaf This?* (advisor: Elizabeth Harris)

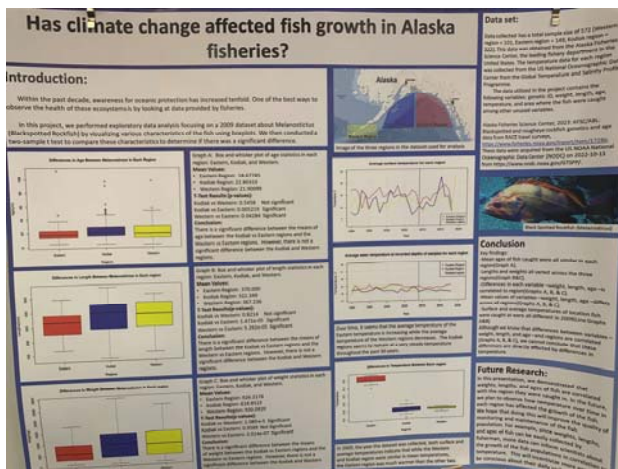


Honorable Mention: Ashwin Goel, 7th grade, Hyde Park Middle School, Las Vegas. *What Makes Movies Successful?* (advisor: Susan Tandon)



10-12

First Prize: Alexander Choi, 10th grade, Reno High School. *How has Climate Change Impacted Fish Growth?* (advisor: Carley Henke, UNR Graduate Student)



February 3: Ania Panorska (UNR), *The Greenwood statistic, Stochastic dominance, clustering and heavy tails* (with M Arendarczyk and TJ Kozubowski).

February 17: Tomasz Kozubowski (UNR), *The Classical Laplace Distribution: Fundamental Properties, Extensions, and Applications* (with K Podgorski).

March 3: Hayden Brown (UNR): *Relative Performance of the Fundamental and Market Portfolios*.

March 17: Marek Arendarczyk (Univ of Wroclaw, Poland), *From slash distributions to generalized convolutions* (with AK Panorska and TJ Kozubowski).

March 31: Amos Natido (UNR), *Parameter Estimation of the uniform-Laplace mixture distribution via the EM-Algorithm and the MME-MLE hybrid method*.

April 14: John P Nolan (American University): *Simulating entering and exiting balls by an isometric stable process*.

April 28: Matthew Ohemeng (UNR): (Title TBD).

May 12: Speaker and Title TBD.

For further information, including abstracts of these presentations, contact tkozubow@unr.edu.

Columbia University summer SHARP program

Andrea Caccarelli of Columbia University has asked us to help publicize their summer Skills for Health and Research Professionals (SHARP) program. They offer some 29 1-4-day bootcamps on various topics of potential interest to health and research professionals in any organization and any career stage. A flyer is attached.

UNLV-UNR Virtual Seminars on Statistics and Data Science

The UNR Dept of Math and Stat and the UNLV Dept of Math Sciences continue to present virtual seminars on various topics this academic year on Fridays. Speakers and topics in Spring 2023 have been the following:

NV-ASA is on LinkedIn

We now have a LinkedIn page for our Chapter. Visit <https://www.linkedin.com/company/nvasa>. If you are already a LinkedIn member, you will go to our page directly. If not, you will need to join first. One feature is that our NVASA page will allow job postings. To do that, please contact our webmaster at the email address given on our website.

Joining NV-ASA!

Only a minority of the people who receive this newsletter are members of the Nevada Chapter of the American Statistical Association (NV-ASA). Dues are nominal. For full-time students at NV institutions, the cost is \$10 per year (\$2 for student members of the national ASA). Otherwise, it is \$20 per year (\$10 for members of the national ASA). One can become a Life Member for \$100. You can join NV-ASA when you renew your national ASA membership (or join for the first time); this can be done on-line at www.amstat.org/chapters.

There are two ways to join NV-ASA:

- at amstat.org, while initiating or renewing your national ASA membership; or
- at Wild Apricot (<https://ncotasa.wildapricot.org/>).

Why should you join? NV-ASA events provide opportunities for networking and contact with other statisticians working in a wide variety of areas in Nevada. But in addition to that, a major reason is that your dues help support the outreach activities of the NV-ASA including the K-12 Poster Competition and Career Days. Our financial needs are not great, so long as we all pitch in our modest amounts. *

NV-ASA Officers & Others

Voting officers are

President:	Andrey Sarantsev	(2023)
Past President:	Glenn Waddell	(2023)
Northern Vice President:	Deb Stiver	(2023)
Southern Vice President:	Hokwon Cho	(2023)
Secretary:	Cheryl Vanier	(2022-2023)
Treasurer:	Charles Davis	(2021-2024)
Chapter Representative:	Alicia Chancellor Hansen	(2023-2025)

Also involved are

Webmaster:	Alicia Chancellor Hansen
Poster Competition Lead:	Elizabeth Harris
Newsletter Editor:	Charles Davis

Silver State-istics welcomes news items and letters from members and friends of the NV-ASA on matters of interest to the Chapter and the profession. Manuscript or items can be sent as a Microsoft Word document, PDF, or within an e-mail. *Silver State-istics* is published by the Nevada Chapter of the American Statistical Association. All items appearing in *Silver State-istics* are from the individuals providing them, and are not intended in any way to represent positions or opinions of any employer, government agency, client, the NV Chapter of the ASA, or the National ASA.

© 2023 Nevada Chapter of American Statistical Association

For contact information, go to
<https://community.amstat.org/nevadachapter/home>

Our address for regular mail is
 NV-ASA, PO Box 3311, Sparks, NV

Spring 2023 Statistics & NV-ASA

The Nevada Chapter of the American Statistical Association invites you to attend a

Post-Pandemic

Meet and Greet with Pizza

When: Thursday, April 20, 2023; 6:00 P.M.

Where: UNLV Campus, SU Room 219

(Student Union Building 2F, Meeting Room 219)

- Come join us and learn more about the profession, and the benefits.
- Don't miss this chance to network with other statisticians in the community.
- Not familiar with the NV Chapter of ASA? Come meet us and find out!

Pizza – refreshments – door prizes

Cost: Students: Free All Others: \$2

**Please RSVP by Tuesday, April 18th
to Hokwon.Cho@UNLV.edu**

For more details on the Nevada Chapter of the American Statistical Association please visit our website at <https://community.amstat.org/nevadachapter/home>. The event is co-sponsored by the Department of Mathematical Sciences, UNLV.

Summer 2023 Registration Open!

SHARP Training

Skills for Health and Research Professionals

Columbia's SHARP Training Program offers short, intensive boot camps led by field experts to teach in-demand skills on the hottest topics in research and education. Scholarships are available and individuals of all career stages, from any organization are welcome to attend.

Register Now for Summer 2023 Trainings:

- Bayesian Modeling
- Causal Mediation Analysis
- Climate Change and Health
- Code Rigor and Reproducibility with R
- Creating Scientific Narrative
- Epigenetics
- Electronic Medical Records
- Environmental Justice
- Environmental Mixtures
- Exposome
- Exposure Modeling
- Indigenous Research
- GIS
- Google Earth Engine
- Life Cycle Assessment
- Machine Learning
- Mendelian Randomization
- Microbiome
- Multi-omics
- NIH Grant Writing
- PI Lab Leadership Skills
- PI's Business of Research
- Python Data Wrangling
- Quantitative Genomics
- Radiation Safety Officer
- Shiny Using R
- Single Cell Analysis
- SQL
- Statistical Analysis with Missing Data

publichealth.columbia.edu/SHARP-Training

