

GEOLOGICAL SOCIETY OF NEVADA NEWSLETTER

Geological Society of Nevada, 2175 Raggio Parkway, Reno, NV 89512
(775) 323-3500 - Hours Monday -- Friday, 10 a.m. to 5 p.m.

Website: www.gsnv.org • E-mail: gsn@gsnv.org



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Class B, 2022-2025
David Caldwell
Greg French

Class C, 2023-2026
David Shaddrick
Mark Travis

MAY 2, 2025
FRIDAY

(NOTE CHANGE
to LV this month)

MAY 8, 2025
THURSDAY

MAY 15, 2025
THURSDAY

MAY 16, 2025
FRIDAY

MAY 30 -
JUNE 1, 2025
FRI—SUN

GSN SOUTHERN NEVADA CHAPTER

In lieu of a regular meeting with a speaker in Beatty, we are inviting our members to attend the UNLV GEOSYMPOSIUM and meet afterwards for social time at "The Front Yard" to exchange ideas and discuss what we observed. **SPONSOR: ALS GEOCHEMISTRY**. For more information, please contact Chapter President: Liz MacDonald, liz_macdonald@outlook.com. Details on page 8.

GSN WINNEMUCCA CHAPTER

The GSN Winnemucca Chapter meeting will be held at the Martin Hotel, 94 W. Railroad St. **SPEAKER: Cal Herron, Nevada King. Topic: The Atlanta Mine. SPONSOR: SKYLINE LABORATORIES**. For more information, please contact Chapter VP, Eli Witte at: witteeli9@gmail.com. Details on pg 9.

GSN ELKO CHAPTER

The GSN Elko Chapter will hold their meeting at the Western Folklife Center, 501 Railroad St. Elko, NV. **Speaker: Karr McCurdy, Co-Founder of VectOres. Topic: Transforming the Use of Hydrogeochemistry Across All Significant Facets of Mining from Exploration, Hydrometallurgy, and Reclamation to Commodities Markets SPONSOR: FORACO**. Please contact Elko President, Ajeet Milliard Ajeet@megllc.net for more information. Details on page 10.

GSN MEMBERSHIP MEETING (Last one for the season!)

The GSN meeting will be held at the Atlantis Hotel & Casino, Reno, NV. **SPEAKER: Sean Long, Professor, Washington State University. Title: Reconstructing Cordilleran deformation in eastern Nevada and western Utah: Implications for crustal shortening and underthrusting of the craton. SPONSORS: GEOTEMPS/GEOPROS & SWICK DRILLING**. Dinner cost is \$60. Please register for dinner online or RSVP at this link: [RSVP/DINNER](#) Details on pg. 3. **PLEASE RSVP BY 5 PM ON MONDAY, MAY 12th.**

GSN SPRING FIELD TRIP

The field trip will head to Ely, NV and will visit the Atlanta Mine on Saturday, then stops near Austin in the Reese River silver district along US50 on Sunday. Register [HERE!](#)
Details are on page 7.

GSN MAY 2025 RENO MEETING SPONSORS



FROM THE PRESIDENT—MAY 2025
Patty Capistrant
GSN President June 1, 2024-May 31, 2025



Dear GSN Members,

As we come to the end of another term, I would like to take a moment to reflect on the achievements we have accomplished together over the last year – and to welcome the capable, new leadership who will guide the GSN through the 2025-2026 term.

This past year has been marked by the stability of the nearly 1200-strong GSN members. We made a concerted effort to strengthen connections across our widespread network, and the results were clear: record attendance at meetings across Reno, Elko, Winnemucca, and Southern Nevada, where we hosted a diversity of talks, field trips, and social events, highlighting not only the scholastic excellence within our society, but also the professional relationships that make the GSN such a vibrant and enduring organization. The price of gold has probably helped, too.

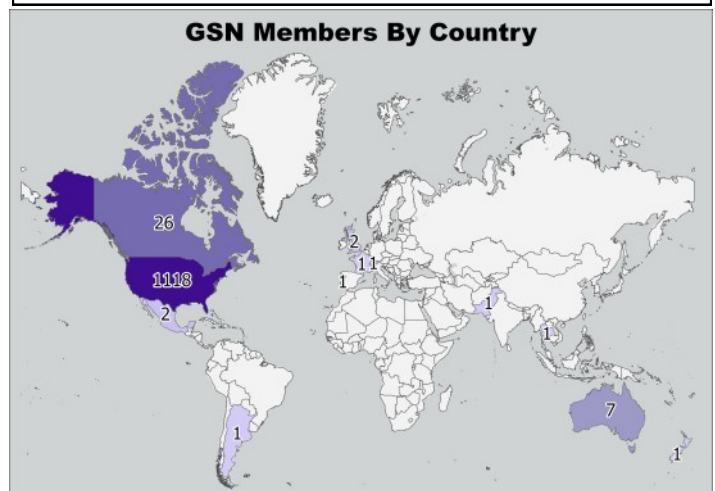
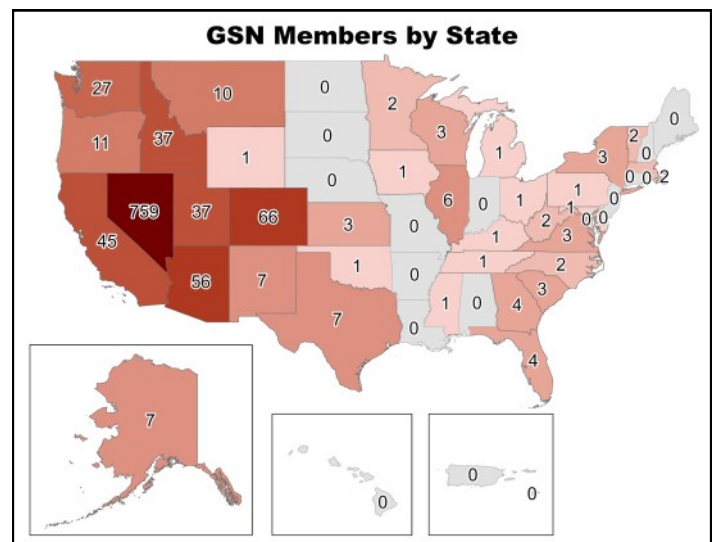
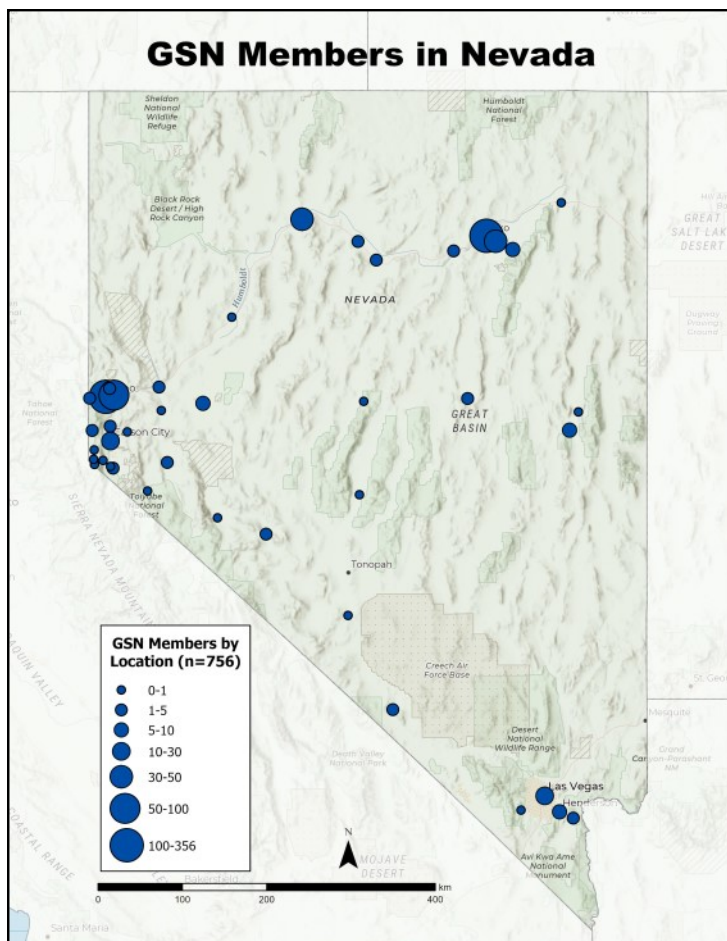
Below are graphics that illustrate the GSN's reach throughout Nevada and beyond. Of our 1162 members*, 44 reside outside of the United States, 359 live outside of Nevada, and even within Nevada, 320 members live outside of the Reno and Las Vegas areas. We hope all members continue to find value in the many benefits of membership – from networking opportunities, monthly speaker series, field trips, symposia, and technical publications. We would love to hear from you about what you value most. Please find the officer emails on the first page of the newsletter.

I am delighted to welcome in the slate of GSN Officers for the 2025-2026 term (page 12). Their energy, expertise, and vision will ensure the GSN remains a society with excellence at the forefront for years to come.

On a personal note, it has been a true pleasure to serve as GSN President this past year. I am grateful for the opportunity to get to know more of our members and for the lessons I have learned about leadership, organization, and the vital role of volunteers. I look forward to seeing you all at future meetings, fields trips, and symposia!

Sincerely,
Patty

**1162 members as of December 2024. This number has since increased to 1195, although statistics were calculated based on December numbers.*



GSN MEETING in RENO—FRIDAY, MAY 16, 2025

SPEAKER: SEAN LONG, Professor Washington State University, School of the Environment

Title: Reconstructing Cordilleran deformation in eastern Nevada and western Utah: Implications for crustal shortening and underthrusting of the craton

Sponsor: **GEOTEMPS/GEOPROS & SWICK DRILLING**

TIME: Drinks @ 6:00 pm, Dinner @ 6:30 pm, Talk @ 7:15 pm

WHERE: **Atlantis Hotel & Casino, 3800 S. Virginia St., Reno, NV**

DINNER COST: \$60. Please RSVP online by 5 PM on Monday, May 12th at:

[**DINNER RESERVATION**](#)

Sean P. Long

Professor, School of the Environment, Washington State University

Email: sean.p.long@wsu.edu

Website: www.seanpatricklong.com

Abstract:

The Jurassic-Paleogene North American Cordillera, a vast mountain belt constructed as a response to subduction of the Farallon plate, has inspired models for fold-thrust belts, foreland basins, and magmatic arcs that have been utilized globally. Constraining the geometry of contractional deformation and the magnitude of crustal shortening are critical to our understanding of the Cordillera. However, the complex overprint of Cenozoic extension hinders analysis of contractional deformation. To address this problem, over the past 13 years my research group has performed studies in eastern Nevada and western Utah aimed at reconstructing Cordilleran deformation, including Eocene-Oligocene paleo-geologic maps that allow correlation of regional-scale thrust faults and folds, retro-deformed cross-sections that illustrate the geometry of contractional structures, and investigations of syn-contractional sedimentary rocks. Here, I summarize the results of these efforts and other recent studies, and their implications for the geometry and magnitude of Cordilleran deformation.

On the west, the southern part of the Central Nevada thrust belt consists of three east-directed thrust systems that branch northward off of the Sevier fold-thrust belt, which accommodated 10-15 km of total shortening prior to intrusion of ~86-98 Ma granites. In the northern part of the Central Nevada thrust belt, the Eureka culmination (a regional-scale anticline) was constructed above east-directed thrust faults during ~114-99 Ma syn-contractional deposition of the Newark Canyon Formation. To the east, the 100-150 km-wide Eastern Nevada fold belt contains five, 100-250 km-long, north-trending folds that have crest-to-trough heights of 2-4 km. These folds locally deform rocks as young as early Jurassic and mid-Cretaceous, and accommodated ~15 km of total shortening. Moving eastward, the Western Utah thrust belt contains east-directed thrust faults (cont. on page 4)

and related folds that accommodated ~10 km of shortening, likely between ~93-77 Ma based on correlation with syn-metamorphic contractional structures in the Northern Snake Range. Collectively, these structural provinces accommodated ~35-40 km of shortening within the Sevier hinterland, much of which was likely contemporaneous with the 220 km of shortening accommodated in the Cretaceous-Paleocene Sevier fold-thrust belt in west-central Utah.

By the latest Cretaceous, a 200-250 km-wide orogenic plateau had been constructed in eastern Nevada and western Utah, as supported by reconstructions of extension (50-60 km crustal thicknesses) and paleoaltimetry (2.75-3.5 km elevations). This brings into question the dominant thickening process that built such a broad plateau. The Sevier fold-thrust belt deformed a Neoproterozoic-Jurassic sedimentary package that thickened westward from a 2-3 km-thick platform section that overlies the 40 km-thick unrifted craton to a 15-20 km-thick continental margin section that was deposited above middle-lower crust that was significantly thinned during Neoproterozoic rifting. Shortening in the Sevier fold-thrust belt translated this thick continental margin section 220 km eastward, which resulted in the relative westward underthrusting of an equivalent length of thick cratonic basement beneath the Sevier hinterland; this was likely the dominant thickening process that constructed the broad hinterland plateau. The reconstructed western edge of the underthrust craton (which lies at the approximate longitude of Eureka and Elko) coincides with the western limit of 2.75-3.5 km paleoelevations, which supports this interpretation.

Sean P. Long

Professor, School of the Environment, Washington State University

Email: sean.p.long@wsu.edu

Website: www.seanpatricklong.com

Sean Long is a structural geology professor at the School of the Environment at Washington State University, where he has worked since 2015. Prior to this, he was a research professor at the Nevada Bureau of Mines and Geology at the University of Nevada, Reno, between 2010-2015. Sean is originally from northern Idaho, and he earned a B.S. degree in Mathematics from the College of Idaho in 2001, a M.S. degree in Geology from Idaho State University in 2004, and a Ph.D. in Geology from Princeton University in 2010. Sean's research focuses on investigating the structural evolution of contractional and extensional mountain belts, including the Himalayan-Tibetan orogen (Bhutan and northwestern India), the North American Cordillera and Basin and Range Province (Nevada, Utah, and Idaho), and the Andes (Bolivia). Sean's research approach involves integrating mapping-based field data with a diverse suite of datasets, including balanced cross-sections, regional structural reconstructions, geochronology, thermochronometry, metamorphic temperatures and pressures, and microstructural analyses. Major themes of Sean's research include developing new approaches for large-scale structural reconstructions, performing field-based tests of the predictions of models for the long-term dynamics of mountain belts, and integrating microstructural and metamorphic datasets to investigate ductile shear zones.



STUDENT POSTER COMPETITION RESULTS!

By Josh Miller, Secretary and Organizer

The Geological Society of Nevada hosted the annual Student Poster Competition on April 18th, 2025. This year featured 12 student presenters from the University of Nevada, Reno, representing both graduate and undergraduate programs. This year's event marked one of the largest student turnouts in recent memory! The GSN Foundation awarded cash prizes to the top three graduate posters, the top undergraduate poster, and, recognizing the exceptional quality of work, also presented two honorable mention awards to outstanding undergraduate posters. The GSN members in attendance had high praise for the students' research and for the discussions with the presenters. It was an inspiring evening that highlighted the next generation of geoscientists in Nevada.

Thanks!

Josh

2025 STUDENT POSTER COMPETITION -- FINALISTS			
Place	Prize	Awardees	Poster Title
1st	\$500	Alyssa Lindsey	Understanding Overlapping Mineralization of the Ruby Hill Deposit, Eureka, NV
2nd	\$300	Marcus Angus	Constraining Mineralization and Alteration Through New Geologic Mapping at Spring Peak Low-Sulfidation Epithermal System, Mineral County, NV
3rd	\$200	Jakob Scheel	Molten Mayhem: The Fluid-Crystal Tango in Mafic Magmatic Enclave Disintegration
UG	\$100	Andrew Siciliano	Redox Evolution During Differentiation of Nevada Eocene Magmas: Implications for Gold Enrichment
Honorable Mention	\$50	Austin Armstrong; , Trevor Ellsworth; Nathan French; Clairra Johnson; Sarah Math	Preliminary Assessment of the Fauna of the Upper Miocene Humboldt Formation Exposed in Elko County, Nevada from Field and Museum Collections
Honorable Mention	\$50	Clairra Johnson; Luke Anthony-Petersen	Bivalve Turnover Across the Triassic-Jurassic Boundary at New York Canyon, Nevada

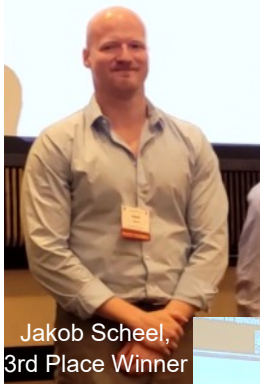
Student Poster Night Pictures—April 18, 2025



L to R: Josh Miller, Marcus Angus, Alyssa Lindsey, Andrew Siciliano, Jakob Scheel, Luke Anthony-Petersen, Clair Johnson, Austin Armstrong, Patty Capistrant



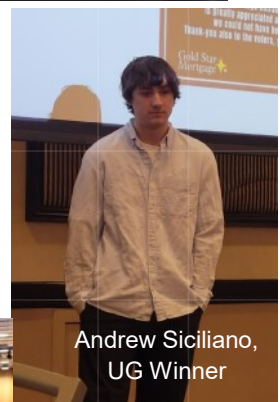
Josh Miller, GSN Secretary and Contest Organizer



Jakob Scheel, 3rd Place Winner



Congratulations to all the presenters!



Andrew Siciliano, UG Winner



UG Honorable Mentions: Clair Johnson, Austin Armstrong & Luke Anthony-Petersen



Judges: Patty Capistrant, Paula Noble, Josh Miller & Tony Gesualdo



Alyssa Lindsey, 1st Place Winner



Rob Fuller, Presenter



Marcus Angus, 2nd Place Winner



GSN Members: Eli Turner, Mike Power & Fred Zoerner studying one of the entries



Spring Field Trip!



Atlanta District and Overview of the Reese River (Austin) District: 2025

GSN Spring Field Trip May 30 – June 1, 2025

There's still time to register and spaces are available for GSN's 2025 Spring Field Trip, May 30th – June 1st with visits to the past-producing Atlanta and Reese River/ Austin districts in northern Lincoln County and Lander County, NV. You can sign up for the trip via the link: [**FT REGISTRATION**](#)

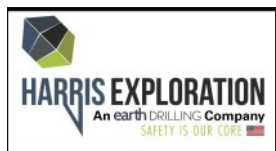
The trip will depart from the Gold Building at DRI in Reno at noon on Friday May 30th with two nights stay in Ely, NV. On Saturday, May 31st, we will tour the Atlanta epithermal gold-silver district on the northwest margin of the Oligocene Indian Peak Caldera Complex. Thank you, Nevada King Gold Corp., for making this tour possible! We will return to Ely for the night of May 31st. On Sunday June 1st, we will head back to Reno via US Highway 50 with stops in the Reese River/ Austin silver district for an overview of the geology, mineralization, and hydrothermal alteration of the Jurassic Austin pluton.

Trip cost will be \$325 for a single room and \$225 double occupancy. Space is limited, so don't procrastinate and reserve your seat to join us on this adventure!

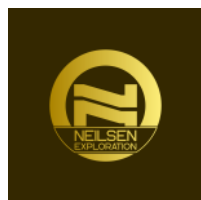
For questions or concerns, you can reach out to Steve Weiss, GSN Vice President and Field Trip organizer.



THANK YOU TO THESE SPONSORS WHO HAVE AGREED TO SPONSOR THE GSN SPRING FIELD TRIP COMING UP ON MAY 30-JUNE 1, 2025! WE APPRECIATE YOU ALL FOR YOUR GENEROSITY!



right solutions.
right partner.





GSN SOUTHERN NEVADA CHAPTER NEWS



Instead of a formal meeting & speaker this month, we are inviting you to attend the Geosymposium at the University of Nevada, Las Vegas on Friday, May 2nd between 8:30 am and 5:00 pm followed by a GSN/UNLV mixer event at The Front Yard, inside the Ellis Island Hotel, 4250 Koval Lane, Las Vegas 89109.

<https://geoscience.unlv.edu/2025geosymposium/>

"Come celebrate the next generation of Geoscientists at UNLV. The Department of Geoscience at UNLV is excited to share our 20th Geosymposium meeting, Friday May 2nd, 8:30 AM-5:00 PM. The student organized event is a day full of poster and oral presentations on a wide range of Earth science topics (from Mars to mining) with a keynote talk from Kinross Gold. Lunch and goodies will be provided throughout the day. Feel free to stay for the duration of the event or attend only a portion – come support the future of our industry!"

Geosymposium Details:

Map to Free parking: <https://www.unlv.edu/maps/parking/lots/lot-s>

(also any pay to park spots)

Geosymposium Venue: Lobby/auditorium of the Science and Engineering Building -

<https://maps.app.goo.gl/YUfuzLCZbLyuZxrEA>

Evening mixer: "The Front Yard" - <https://maps.app.goo.gl/ZetbfRwEYrr9EuDE9>

After the symposium we invite you to join us at "The Front Yard" (located in the Ellis Island Hotel) from 5-7PM for drinks and lively conversation - <https://www.ellislandcasino.com/the-front-yard>

Note: you can just attend the mixer, even if you are unable to attend the symposium!

We look forward to seeing you at our first Las Vegas event!

Reach out to Liz MacDonald, GSN So. Nevada Chapter President @ liz_macdonald@outlook.com with any questions, or Andrew Martin, GSN So. Nevada Chapter Secretary and UNLV Professor @ andrew.martin@unlv.edu for Geosymposium related questions.

Sponsor: ALS GEOCHEMISTRY



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GSN WINNEMUCCA CHAPTER NEWS



Please join us for the
Winnemucca GSN May Meeting
Thursday, May 8, 2025
The Martin, 94 W. Railroad St., Winnemucca, NV
Food and Drinks at 6 pm; Talk at 7 pm

Speaker: Cal Herron, Nevada King

Tentative Topic: The Atlanta Mine

FOOD & BEER SPONSOR:



Winnemucca Chapter Officers for 2025-2026 (terms begin on June 1st)

President - Eli Witte, i80 Gold
Vice President - Steelman Morss, i80 Gold
Treasurer - James Warren, Nevada Gold Mines
Secretary - Sally Branscomb, SSR Mining
Membership - JoAnn Newbury, J Newbury Consulting

THE GSN PICNIC is on FRIDAY, JUNE 13th in RENO!

The GSN Board of Directors is happy to announce that the annual members picnic will be held on Friday, June 13, at the Peavine Pavilion at Rancho San Rafael park in Reno, from 5-8 PM. We'll provide all of the burgers, hot dogs, salads, beverages and all the usual picnic stuff.

There are horseshoe pits as well as a volleyball court adjacent to the Pavilion for those interested in either of those activities. Horseshoes and the volleyballs are not supplied, however, so if someone can volunteer these items it would be much appreciated. We currently don't have a formal games program but if there are volunteers interested in organizing something by all means please contact Laura at gsn@gsnv.org.

As in past years this is a free event, but reservations are required so that we can plan properly for food and supplies. **Please RSVP no later than Tuesday, June 10th to Laura at gsn@gsnv.org!**



GSN ELKO CHAPTER NEWS



Please join us for the Elko GSN May Meeting

Thursday, May 15, 2025

Western Folklife Center, 501 Railroad St., Elko, NV

Drinks and Appetizers at 6 pm; Talk at 7 pm

Speaker: Karr McCurdy, Co-Founder of VectOres

Topic: Transforming the Use of Hydrogeochemistry Across All Significant Facets of Mining from Exploration, Hydrometallurgy, and Reclamation to Commodities Markets

FOOD & DRINKS SPONSOR:



Results of GSN Officer poll for 2025/2026:

Membership Chair: Stacey Leclerc

Secretary: Brianna Miller

Treasurer: Ajeet Milliard

Vice President: Nick Helfer

President: Sergey Konyshchev

If you have any questions, please contact GSN Elko Chapter President, Ajeet Milliard, ajeet@megllc.net

GSN wishes to thank our APRIL MEETING sponsors in Reno, Elko, Winnemucca AND Southern Nevada!



The GSN would like to acknowledge Lance Taylor and Geotemps/Geopros Inc. for their continued donation of payroll processing for the GSN Executive Manager.



OTHER UPCOMING EVENTS

May 1, 2025: Nevada Petroleum & Geothermal Society meeting. Tamarack Junction, Reno, NV. 6:30 pm. Speaker: Emma McConville, Senior Manager of Resource of Fervo Energy. Giving a talk on the *Subsurface Advancements at Cape Station: First of a Kind EGS Development*. Visit their events page to register: [NPGS](#)

May 6, 2025 Arizona Geological Society Speaker Series 2025 in person or online. Hexagon Mining, 40 E. Congress, Ste 150, Tucson, AZ. Social 5:30 pm, Talk begins at 6:35 pm. Speaker: Dr. Simon Jowitt, Director, NV Bureau of Mines & Geology. Title: “**Understanding the impact and value of publicly available precompetitive geoscience data for mineral exploration; lessons to be learned for the US**”.

Livestream at <https://tinyurl.com/AGS-May2025>.

In-person registration here: <https://www.arizonageologicalsoc.org/event-6158602>

May 12, 2025: Denver Region Exploration Geologist’ Society DREGS Year-End Meeting at SEG HQ, 7811 Shaffer Parkway, Littleton, CO at 5:00 pm. Speaker: Jeff Welborn, SEG. Title: “Expanding Exploration Search Space Through Sustainable Big Guy - Little Guy Relationships”. Please RSVP on our [Events](#) page. DREGS website: <https://www.dregsgeology.com/>

May 14, 2025: Utah Geological Association. Spring Social. 240 Redwood Rd., Utah Core Research Center (UCRC) Salt Lake City, UT 84116 <https://utahgeology.org/events/2025-uga-spring-social>

May 19, 2025 (tentative): Northern NV SME Meeting, Circus Circus Hotel, Mandalay Room, Reno, NV. Speaker and topic to be announced. [RSVP](#)

May 18-20, 2025 Geological Society of America— Rocky Mountain Section 75th Annual Meeting, Utah Valley Convention Center, Provo, Utah. More information can be found at their link: [GSA Rocky Mountain Meeting](#)

Here are your GSN officers for 2025-2026
(Terms begin June 1, 2025. Thank you to all the members who voted!)

GSN EXECUTIVE COMMITTEE 2025-2026 OFFICERS

President: Steve Weiss, Consulting Geologist
Vice President: Dave Boden, TMCC Emeritus Professor
Secretary: Mandy Bengtson, SWCA
Treasurer: Bob Kastelic, McEwen Mining Inc.
Membership Co-Chair: Christian Thomas, Extradoss Exploration, LLC
Publications Chair: Michael Say, Extradoss Exploration, LLC
Digital Media Chair: Peter O'Byrne, Target Synthesis
Dakota Prudhomme, Zong Engineering

GSN BOARD OF DIRECTORS

David Caldwell, Phoenix Development Group
Greg French, Nevada Copper, Inc.
David Shaddrick, Rubicon Resources
Robert Thomas, Independent Geologist
Mark Travis, Arkenstone Exploration
John Watson, Independent Geologist

EX-OFFICIO BOARD MEMBERS

Steve Weiss, Current GSN President
Patricia Capistrant, Immediate Past GSN President
Sergey Konyshov, Elko Chapter President
Eli Witte, Winnemucca Chapter President
Liz MacDonald, Southern Nevada Chapter President

Elko Chapter

President - Sergey Konyshov, Kinross Gold Corp.
Vice President - Nicholas Helfer, Rangefront Mining Services
Treasurer - Ajeet Milliard, MEG LLC
Secretary - Brianna Miller, Rangefront Mining Services
Membership Chair - Stacey Leclerc, SRK Consulting

Southern Nevada Chapter

President - Elizabeth MacDonald, AngloGold Ashanti
Vice President - Andrew Maendel, AngloGold Ashanti
Secretary - Andrew Martin, UNLV
Treasurer - Matthew Leahy, AngloGold Ashanti
Membership Chair - Dalton Pell, UNLV

Winnemucca Chapter

President - Eli Witte, i80 Gold
Vice President - Steelman Morss, i80 Gold
Treasurer - James Warren, Nevada Gold Mines
Secretary - Sally Branscomb, SSR Mining
Membership - JoAnn Newbury, J Newbury Consulting

BABY ANNOUNCEMENT!

GSN Member, Molly (Hunsaker) Richardson and her husband Chris welcomed a baby boy named, Jameson Parker Richardson on January 27, 2025. He weighed 6 lbs, 14 oz. and is as cute as a bug's ear. Molly and Chris are overjoyed with the new edition to their family! GSN Member, Buster Hunsaker is a very proud Grandfather too!



THANK YOU!!!

We want to give a giant, heartfelt “thank you” to those out-going officers who volunteered their valuable time to the GSN organization!

Patty Capistrant—GSN President (going on to BOD)

Josh Miller—GSN Secretary

Paul Fix—GSN Publications Chair

Ajeet Milliard—GSN Elko Chapter President

John Spring—GSN Elko Chapter Treasurer

Hillary Walker—GSN Elko Chapter Membership Chair

Kris Alvarez—GSN Winnemucca Chapter President

Bryan MacFarlane—GSN Winnemucca Chapter Vice President

Anthony Danciu—GSN Winnemucca Chapter Treasurer

Mining Activity Update

MARCH 2025, Mike Brady

LMBrady@aol.com

NEVADA

Tertiary Minerals plc. announced that recent drill results at the Brunton Pass Project include 15.24-41.15 meters @ 0.02% Cu (24TBPR01); 19.81-153.92 meters @ 0.02% Cu (24TBPR02); 0-10.67 meters @ 0.01% Cu (24TBPR03) and 9.14-112.78 meters @ 0.01% Cu (24TBPR04). *Press Release:* February 27

Sibanye Stillwater Ltd. announced that it terminated its interest in the Rhyolite Ridge Property of Ioneer Ltd. (reserve = 60,200,000 tonnes @ 0.387% Li₂O, 1.54% B proven+probable) *Press Release:* February 26

McEwen Mining Inc. announced that recent drill results at the Windfall Project include 64.0-97.5 meters @ 2.85 gpt Au (WF06); 61.0-71.6 meters @ 2.42 gpt Au (WF09); 41.1-79.2 meters @ 1.47 gpt Au (WF12) and 80.8-129.6 meters @ 1.57 gpt Au (WF18). (resource @ Lookout Mountain = 23,472,000 tonnes @ 0.58 gpt Au measured+indicated) *Press Release:* March 3

Nevada King Gold Corp. announced that recent drill results at the Atlanta Project include 14.9-75.0 meters @ 3.17 gpt Au, 41.4 gpt Ag (AT23NS-117C); 15.2-105.2 meters @ 2.44 gpt Au, 55.8 gpt Ag (AT23NS-119); 323.2-353.7 meters @ 1.35 gpt Au, 4.0 gpt Ag (AT25WS-86) and 237.8-268.3 meters @ 0.18 gpt Au, 33 gpt Ag (AT24WS-87). (resource = 11,000,000 tonnes @ 1.3 gpt Au indicated) *Press Release:* March 13

Orla Mining Ltd. announced that recent drill results at the South Carlin/Appaloosa Project include 146.3-164.59 meters @ 0.25 gpt Au (AP24-02); 150.88-153.92 meters @ 1.59 gpt Au (AP24-04) and 132.59-137.16 meters @ 0.58 gpt Au (AP24-06). *Press Release:* February 25

Orla Mining Ltd. announced that recent drill results at the South Carlin/Bowl Project include 112.78-178.31 meters @ 1.16 gpt Au (BW24-01) and 201.17-210.31 meters @ 1.08 gpt Au (BW24-12). *Press Release:* February 25

Orla Mining Ltd. announced that recent drill results at the South Carlin/Dark Star Project include 160.63-195.38 meters @ 2.68 gpt Au (DSC24-02); 207.26-215.49 meters @ 0.24 gpt Au (GSC24-03) and 93.57-103.78 meters @ 0.36 gpt Au (DSC24-04).

(resource = 32,717,000 tonnes @ 0.88 gpt Au measured+indicated) *Press Release:* February 25

Orla Mining Ltd. announced that recent drill results at the South Carlin/Jasperoid Wash Project include 0-39.62 meters @ 0.25 gpt Au (JW24-07); 6.1-16.76 meters @ 0.22 gpt Au (JW24-09); 1.52-32.0 meters @ 0.40 gpt Au (JW24-11) and 74.68-86.87 meters @ 0.22 gpt Au (JW24-12). *Press Release:* February 25

Sun Silver Ltd. announced that based on recent drill results at the Maverick Springs Project, resources aggregate 218,500,000 tonnes @ 42.2 gpt Ag, 0.31 gpt Au inferred. (was 195,735,000 tonnes @ 40.2 gpt Ag, 0.32 gpt Au inferred) *Press Release:* March 26

Headwater Gold Inc. announced that recent drill results at the Spring Peak Project include 208.79-217.93 meters @ 0.80 gpt Au (SP24-52); 231.65-239.27 meters @ 1.61 gpt Au (SP24-53); 134.11-138.68 meters @ 1.12 gpt Au (SP24-55) and 220.98-225.55 meters @ 3.16 gpt Au (SP24-57). *Press Release:* February 27

Star Gold Corp. announced that it acquired the Scossa and Kinkaid properties from Romios Gold Nevada Inc. for 60% of its outstanding shares. *Press Release:* February 28

Ridgeline Minerals Corp. announced that recent drill results at the Swift Project include 850.2-853.6 meters @ 1.9 gpt Au (SW22-03); 676.3-679.0 meters @ 7.0 gpt Au (SW24-06) and 662.9-664.3 meters @ 1.0 gpt Au (SW24-07). *Press Release:* March 13

Orion Resource Partners LP. announced that it loaned Lithium Americas Corp. \$195,000,000 to further develop its Thacker Pass Project. (reserve = 1,056,700,000 tonnes @ 0.547% Li₂O proven+probable) *Press Release:* March 6

Fortitude Gold Corp. announced that recent drill results at the East Camp Douglas Project include 41.15-62.49 meters @ 1.23 gpt Au (ECDRC-351); 30.48-39.62 meters @ 0.54 gpt Au (ECDRC-352); 39.62-53.22 meters @ 0.53 gpt Au (ECDRC-354) and 15.24-22.86 meters @ 0.36 gpt Au (ECDRC-355). *Press Release:* March 26



2027 GSN Symposium (27GSNS) – April 2025 Update

Symposium Event Dates: Thursday 22 April to Saturday 1 May 2027

Location: The Nugget Casino, Reno Nevada USA

Theme: Ore Deposits of the Great Basin – Key to America’s Mineral Independence nominated by Jessica Bogossian.

News of the month: A new Symposium Secretary was voted in this month and **Steffanie Cruze of Nevada Gold Mines** based in Elko, has volunteered to fill the role. We gratefully welcome Steffanie to the Symposium Committee, and hope she finds the role rewarding in terms of her professional growth, and networking opportunities. The logo competition was held in April with digital voting by GSN members only, and the winner was **Dane Rogers**, a local Nevadan who enjoys drafting as a side business. Congratulations and well done to Dane who was awarded the **\$200 cash prize generously donated by the GSN**. A special thank-you to the 14 logo competition entrants and those that took time to vote, we appreciate you and your efforts to create a fun logo competition. See logo winner [here](#).

The fourth meeting of the 2025 year was held April 14, 2025, and Subcommittee chairs provided their reports. The Symposium event planning is underway and is led by Technical Chairs Dr Marcus Johnston and Dr Richard Bedell, if you have any technical ideas, please contact Marcus or Richard. Early budgets and planning for the website is also advancing.

THANK-YOU to all volunteers that have stepped up as **GEOSCIENCE LEADERS** to help prepare and deliver the **2027 GSN Symposium**. Your contribution to GSN as a professional organisation is noted and appreciated. This month we thank the following Geoscientists who have volunteered their time to the following Sub Committee Chair roles.

Sub Committee	Chair
Leilani Konshev	Registration and payments
Tyler Hill	Exhibitors
Collette Pilsworth	Talks & keynote speakers
Holly McLachlan	Publicity & Advertising

We are almost full house for the Subcommittee Chair roles and currently only have **three Co-Chair roles to fill** for 1) Registration & Payment portal, 2) Social Events/prizes/facilities and 3) Social Media & Event App. If any GSN members are interested to fill these Co-Chair roles please contact Regina Molloy or Mark Travis.

IN-KIND ASSISTANCE gratefully received. The Committee thanks **Rangefront Mining Services** for their in-kind support of providing bookkeeping services for the Symposium, and to **SRK** who generously provide a centralised Reno conference room to hold the monthly hybrid zoom meeting. Your generosity and support are appreciated.

The next meeting is Monday 12th May 2025 5-6pm PT hybrid Zoom at SRK office in Reno.

Happy travels this month, the summer field season is underway.

From the 27GSNS Symposium Steering Committee

Regina Molloy (Reno) – Chairperson - chairperson@gsnsymposium.org

Mark Travis (Elko) - Deputy Chairperson - depchairperson@gsnsymposium.org

Steffanie Cruze – Secretary - secretary@gsnsymposium.org

Christina Ricks (Elko) – Treasurer – treasurer@gsnsymposium.org



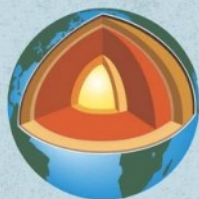
DOUG SILVER ARTICLES AND SPEECHES NOW AVAILABLE!

Doug Silver, lifetime GSN Member and namesake of the GSN's Summer "Silver" Series, has been asked often for copies of his articles and speeches. Therefore, he has created a website where anyone can download them. It is split into three parts: 1) More than 300 mining articles/presentations, 2) a section on peer-reviewed fisheries science articles and 3) PPTs of his fishing trips. He will be adding more. Douglasbsilver.com. Enjoy!



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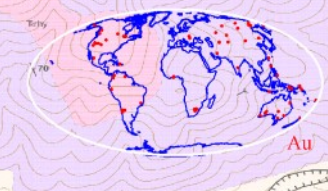
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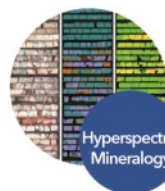
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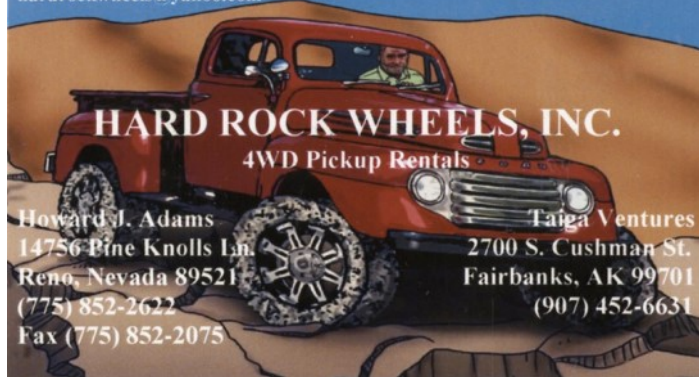
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1. **Photos need to be taken in Nevada. A location description and/or GPS coordinates should accompany submissions along with description.**
2. **High-quality, high-resolution photo files of at least 300 DPI are required for quality printing.**
3. **You may enter as many photos as you wish.**
4. **Please include name and contact information with submission**

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