

NEWSLETTER

Serving the Petroleum and Geothermal Community

Nevada Petroleum and Geothermal Society; P. O. Box 11526; Reno, NV 89510

Visit our NPS Homepage: <http://www.nbmng.unr.edu/nps/>

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Dinner Meeting: Thursday, Jan 07, 2016 Change of Speaker/Presentation

Speaker: James E. Faulds, Ph.D.
Director/State Geologist/Professor
Nevada Bureau of Mines and Geology
University of Nevada, Reno

Topic: GEOLOGIC SETTING OF THE PROPOSED
GEOHERMAL FORGE SITE AT FALLON, WESTERN NEVADA:
SUITABILITY FOR EGS RESEARCH AND DEVELOPMENT

Place: Ramada Reno Hotel
1000 East 6th Street, Reno, Nevada

**Cocktail Reception 6:30, Skyline Bar, 14th Floor
Hosted by:**



**Krummrich
Engineering Corp.**

Dinner Served at 7:00 PM

NPGS Members \$20; Non-Members \$23; Students \$10

PLEASE RSVP WITH THE FOLLOWING LINK:

https://docs.google.com/forms/d/1s56nLVMw3kyu6_HlqjyhvtSLGShXXMTBVIB40nG7NI8/viewform

If you must cancel, please notify NPGS as soon as you are able as NPGS will be charged for all no-shows. Thank you for your consideration.

► **NPGS Monthly Dinner Meeting – Jan 7, 2016**

**GEOLOGIC SETTING OF THE PROPOSED GEOTHERMAL FORGE SITE AT FALLON,
WESTERN NEVADA: SUITABILITY FOR EGS RESEARCH AND DEVELOPMENT**

*James Faulds and the FORGE team
NBMG Director and State Geologist
Nevada Bureau of Mines and Geology, University of Nevada, Reno*

ABSTRACT

The Frontier Observatory for Research in Geothermal Energy (FORGE) offers a unique opportunity to develop the technologies, techniques, and knowledge needed to make enhanced geothermal systems (EGS) a commercially viable electricity generation option for the USA. The objective of this project is to establish and manage FORGE as a dedicated site, where the subsurface scientific and engineering community will be eligible to develop, test, and improve new technologies and techniques in an ideal EGS environment. This will allow the geothermal and other subsurface communities to gain a fundamental understanding of the key mechanisms controlling EGS success, in particular how to generate and sustain fracture networks in the spectrum of basement rock formations using different stimulation technologies and techniques. This critical knowledge will be used to design and test methodologies for developing large-scale, economically sustainable heat exchange systems, thereby paving the way for a rigorous and reproducible approach that will reduce industry development risk. Essential to this process is a comprehensive site characterization, monitoring instrumentation, and data collection effort that will capture a higher-fidelity picture of EGS creation and evolution processes than any prior demonstration. Finally, a dedicated FORGE allows for the highly integrated comparison of technologies and tools in a controlled and well-characterized environment, as well as the rapid dissemination of technical data to the research community, developers, and other interested parties.

The proposed Fallon FORGE site lies within and adjacent to the Naval Air Station Fallon (NASF) directly southeast of the town of Fallon, Nevada, within the large basin of the Carson Sink in west-central Nevada. The site is located on two parcels that include land owned by the NASF and leased and owned by Ormat Nevada, Inc. Late Miocene to Quaternary basin-fill sediments are 0.5 to >1 km thick and overlie Oligocene-Miocene volcanic and lesser sedimentary rocks. The volcanic section is 0.5 to 1.0 km thick and dominated by Miocene mafic lavas. The Neogene section rests nonconformably on heterogeneous Mesozoic basement, which consists of Triassic-Jurassic metamorphic rocks intruded by Cretaceous granitic plutons. The structural framework is dominated by a gently west-tilted half graben cut by moderately to steeply dipping N- to NNE-striking normal faults.

Fallon was selected for a potential FORGE site due to its extensional tectonic setting, abundance of available data, existing infrastructure, and documented temperatures, permeability, and lithologic composition of potential reservoirs that fall within the ranges specified by DOE for FORGE. Since the early 1970s, more than 45 wells have been drilled for geothermal exploration within the area. Four exploration wells within the FORGE site are available for use in the project. There is also an existing, ten-station micro-seismic earthquake (MEQ) array that has been collecting data since 2001. The well data indicate that a sizeable area (~4.5 km²) has adequate temperatures in crystalline basement but lacks sufficient permeability within the proposed FORGE site. There are two possible, competent target formations in Mesozoic basement for stimulation in the FORGE project area: 1) Jurassic felsic metavolcanic rocks/and or quartzite; and 2) Cretaceous granitic intrusions. These units make up at least 3 km³ in the project area and have target temperatures of ~175-215°C. The abundant well data and detailed geophysical surveys (e.g., gravity, MT, and seismic reflection) provide significant subsurface control for the site and will permit development of a detailed 3D model. The documented temperatures, low permeability, and basement lithologies, as well as abundant available data facilitate development of a site dedicated to testing and improving new EGS technologies and techniques, thus making Fallon an ideal candidate for FORGE.

► **Change of Scheduled Presentation:**

Due to weather and flight delays, the scheduled speaker, Rod Prosceno, was not able to get to Reno for his presentation on Nevada EOR Projects at Grant Canyon and Blackburn. Hopefully, we will have that presentation another time.

Fortunately, Dr. James Faulds, Director, NBMG offered to fill in for us and will give a presentation on proposed Fallon site for the DOE funded FORGE project. Thank you, Jim, for agreeing to present on this short notice.

► **Thank You to our Host for the Cocktail Reception, Jan 7, 2016:**



► **Resolution to Propose Amendment to the Bylaws – Vote to be taken Jan 7, 2016**

Resolution to Propose Amendment to the Bylaws, Article I, Section 4, to include high school Students as a new Class of Student Members.

Under authority of the NPGS Bylaws, Article VI-Amendments, Section 1 Proposal of Amendments (a), The Board of Directors voted unanimously and resolved to propose amendment to Article I, Section 4 as follows:

SECTION 4. Student Members

Any student majoring in geology, engineering, oil, gas or geothermal related curriculum may apply for Student membership.

Any high school student participating in geology, engineering, oil, gas or geothermal related curriculum may apply for Student membership. High school Student members are not charged membership fees.

Under NPGS Bylaws, Article VI-Amendments, Section 2, Consideration of Amendments- *Proposed amendments shall be published in the newsletter and considered at the next meeting more than 30 days after publication. The proposed amendment shall be passed upon receipt of a two-thirds (2/3) affirmative vote of the Active members present and voting.*

Active members present will be asked to vote on this proposal at the Jan 7, 2016 meeting.

► **Commemorative Medallion Celebrating 30 Years of Geothermal Production in Nevada:**

The NPGS has had bronze ingots (medallions) minted to commemorate the 30th year of geothermal production in Nevada. The medallions were designed and illustrated by David Evans, 509 Creative, and minted at the Marshall Mint in Virginia City. The medallions are available for sale at the monthly dinner meetings and online on the NBMG website.

Price and distribution for the "Celebrating 30 Years of Geothermal Production" ingots

The Board of Directors unanimously voted to charge the following prices for sale of ingots:

For NPGS Members: A one-time opportunity to buy from **one to five ingots** at a price of \$10 each at each monthly Dinner Meeting for the period of time ending at the March Dinner Meeting. Thereafter the price to Members will be \$15 per ingot.

For non-members the price will be \$20 per ingot, to be sold at the Monthly Dinner Meetings, or online with additional charges of shipping and handling, if applicable.

It was voted to present one ingot to each speaker(s) following their presentation at each monthly Dinner Meeting of the NPGS.

It was voted to raffle one ingot at no cost to Dinner Guests at each Monthly Dinner Meeting. The method of raffle and presentation of winning ingot will be decided by an Officer of the NPGS.

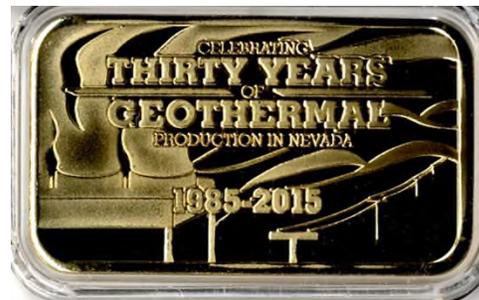
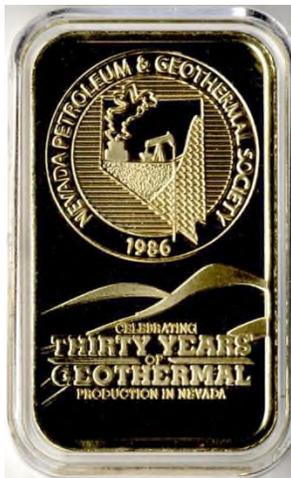
The medallion is now on the NBMG shopping cart: Thank you Charlotte!!

<http://pubs.nbmgs.unr.edu/product-p/nps25.htm>

Celebrating thirty years of geothermal production in Nevada: 1885-2015

The Nevada Petroleum and Geothermal Society is pleased to offer this beautiful medallion commemorating the thirtieth year of geothermal production in Nevada. The medallion was designed and illustrated by David Evans at [509 Creative](#), and is made of golden bronze. Only 500 medallions were struck at the [Marshall Mint](#) in Virginia City, so be sure to order yours now. The dimensions are 1.25 x 2 inches.

NPGS member discount: To get the NPGS member discounted price of \$15, please type this message in "Order Comments" box: "I am an NPGS member" and we will deduct \$5 per medallion from your total. The deduction will not appear on your shopping cart checkout page, but we will deduct the amount before submitting your charge to Authorize.net at the end of the day. The reduced amount will appear on your cash register receipt which will be mailed with your order.



► ***Structural Geology Position Available at NBMG:***



**ASSISTANT PROFESSOR
Structural Geology (tenure track)**



The **Nevada Bureau of Mines and Geology** (NBMG) at the University of Nevada, Reno (UNR) seeks applicants with expertise in field-oriented structural geology. NBMG is a public service unit of UNR and serves as both the state geologic survey of Nevada and as a research department in the UNR College of Science. Faculty at NBMG have tenure-track academic appointments, with both research and teaching obligations.

Position Responsibilities: Primary responsibilities of this position include development of productive externally funded, research programs in the field of structural geology. Research will focus on structural geology as it relates to the tectonic evolution of Nevada, utilizing innovative approaches to detailed geologic mapping, structural analysis of faults and folds, and geochronology. The successful candidate will also be expected to contribute to understanding natural resources and geologic hazards in the context of structural settings and deformational events. Duties will include supervising graduate students and teaching courses in the candidate's area of expertise within the Department of Geological Sciences and Engineering (DGSE).

Qualifications: Applicants must have a doctorate in geology or a related geoscience field by the time of hire and a demonstrated record of research on topics related to Structural Geology, as indicated by dissertation research, industry experience, and/or peer-reviewed publications. The successful candidate must also have experience in field-oriented research and a desire to conduct such research on future projects. Expertise in geologic

mapping, fault kinematics, rock mechanics, and/or geochronology will be valued. Excellent communication skills, as demonstrated in written application materials; commitment to public service; potential for, or established record of publications; and ability to attract funding are essential. We encourage candidates to explain achievable plans for funded research on Nevada-focused topics in Structural Geology in their letters of interest.

Salary and Date of Appointment: The position will be a tenure-track faculty appointment at the assistant professor level with an academic-year base salary that is competitive with other research universities. Starting date will be July 1, 2016 or shortly thereafter, depending on availability of the successful candidate.

To apply, please visit: <https://www.unrsearch.com/postings/19454>. Please submit a letter expressing your interest in the position and research plans; names, e-mail addresses, postal addresses, and telephone numbers of at least three references; a complete curriculum vitae; and electronic copies of up to three of your publications to <http://jobs.unr.edu/>. Application deadline is **February 1, 2016**. For further information about NBMG, please consult our website (<http://www.nbmge.unr.edu>).

EEO/AA. Women, under-represented groups, individuals with disabilities, and veterans are encouraged to apply.

For questions, please contact: Dr. James Faulds, NBMG Director, jfaulds@unr.edu; 775-682-6650.



► **UNR College of Science's Discover Science Lecture Series:**

David Quammen, science author, Feb. 4
 Paul Alan Cox, ethnomedicine expert, March 10
 Bob Williams, Hubble Space Telescope project leader, April 21

The lectures will be held at 7 p.m. in the Redfield Auditorium in the Davidson Mathematics and Science Center on the University campus.

<http://www.unr.edu/around-campus/facilities/davidson>

Parking is reserved for the event on the top level of the Brian J. Whalen Parking Complex on North Virginia Street. Admission is free. For more information, call 775-784-4591 or visit the College of Science website at <http://www.unr.edu/science>.”

► **Scheduled Nevada BLM Lease Sales:**

***Nevada Geothermal Upcoming Lease Sale
(Tentative)***

Sale Date	Nominations Due	Sale Posting Date	Protest Deadline
October 25, 2016	January 29, 2016	July 27, 2016	August 26, 2016

***Nevada's Competitive Oil & Gas Lease Sale Schedule
(Tentative)***

Sale Date	Parcels Offered for District Office at Sale	*EOIs Due	Sale Posting Date	Protest Deadline
March 8, 2016	Elko	June 12, 2015	December 9, 2015	January 8, 2016
June 14, 2016	Battle Mountain	September 18, 2015	March 16, 2016	April 15, 2016
September 13, 2016	Winnemucca/Carson City	December 18, 2015	June 15, 2016	July 15, 2016
December 13, 2016	Ely	March 18, 2016	September 14, 2016	October 14, 2016

*EOI = Expression of Interest

Results from the December 8 Oil & Gas Lease Sale

Only 3 parcels were offered at the sale and no parcels received offers. Eight thousand acres were deferred from the preliminary list due to sage grouse.

There were protestors on site at the December 8 sale. When asked if they drove a car to the location, one protestor replied, “yes, but I walk to work.”



http://www.blm.gov/nv/st/en/prog/minerals/leasable_minerals/oil_gas/oil_and_gas_leasing/upcoming_sales.html

► **News from Nevada Bureau of Mines & Geology:**

From: Charlotte Stock

The following information is taken directly from emails provided by Charlotte Stock, Nevada Bureau of Mines & Geology

Stay Informed about NBMG

Subscribe to our email list by sending an email to webmaster@nbgm.unr.edu with "subscribe to Publications mailing list" in the subject line

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"Like" our Facebook page <https://www.facebook.com/pages/Nevada-Bureau-of-Mines-and-Geology/106397989390636>

You can place an order for other publications or check for shipping charges through our shopping cart at <http://pubs.nbgm.unr.edu>

New Geologic Map Released—Seven Troughs

Preliminary Geologic Map of the Southern and Central Seven Troughs Range, Potential Geothermal Area, Pershing County, Nevada

Authors: Corina Forson, James E. Faulds, and Mitchell D. Allen

Year: 2015

Series: Open-File Report 15-6

Format: plate: 42 x 41 inches, color; text: 6 pages, b/w

Scale: 1:24,000

The Seven Troughs Range resides in the northwestern Basin and Range province 190 km northeast of Reno and 50 km northwest of Lovelock in western Nevada. There is no known geothermal system in the area. Mesozoic metasedimentary strata and intrusions dominate the northern and southern parts of the range, but are nonconformably overlain by a thick sequence (~1.5 km) of Oligocene to Miocene volcanic and volcanoclastic rocks and Quaternary sediments in the central part of the range. The southern part of the range consists of a basement horst block bounded by two major range-front faults, with Holocene fault scarps marking the more prominent fault on the east side of the range. In contrast, several gently to moderately west-tilted fault blocks, with good exposures of the Tertiary volcanic strata and bounded by a series of steeply east-dipping normal faults, characterize the central part of the range. Kinematic analysis of faults in the range and regional relations indicate a west-northwest-trending extension direction. Accordingly, slip and dilation tendency analyses suggest that north-northeast striking faults are the most favorably oriented for reactivation and fluid flow under the current stress field (Forson, 2014; Forson et al., 2014).

Two areas in the Seven Troughs Range have a favorable structural setting for generating permeability and channeling geothermal fluids to the near surface (Forson, 2014): 1) A major right step in the range-front fault and concomitant fault intersection on the east side of the Seven Troughs Range. Slightly elevated 2-m-deep temperatures (~15°C vs. background temperatures of 11–12°C) have been found in this vicinity. 2) A left step in the range-front fault and attendant fault termination on the west side of the range in the vicinity of Porter Spring. This area has the highest recorded 2-m-deep temperatures (~19°C). Although the 2-m temperature survey does not reflect the presence of hot geothermal fluids near the surface at these locations, a 2D low resistivity MT (Wannamaker et al., 2011) anomaly and the favorable structural settings warrant further analysis for potentially blind geothermal systems in the area.

This map was prepared with support from the U.S. Department of Energy.

View, download, or purchase map here:

<http://pubs.nbgm.unr.edu/Prel-geol-Seven-Troughs-p/of2015-06.htm>

NBMG Cartographers Receive Awards at State GIS Conference

NBMG Cartographers/GIS Specialists received cartography awards for their work on two NBMG maps at the 25th Annual Nevada Geographic Information Society (NGIS) Conference in 2015.

Irene Seelye (NBMG Cartographer/GIS Specialist) took first place in the “Cartographic” category for her work on *Geologic Map of the Southern Part of the Eureka Mining District and Surrounding Areas of the Fish Creek Range, Mountain Boy Range, and Diamond Mountains, Eureka and White Pine Counties, Nevada*, by Sean P. Long, Christopher D. Henry, John L. Muntean, Gary P. Edmondo, and Robert D. Thomas. NBMG [Map 183](#) was published in 2014.

Rachel Micander (NBMG Cartographer/GIS Specialist), **Jennifer Vican** (NBMG Cartographic/GIS Manager), and **Matt Richardson** (formerly with NBMG) took third place for their cartographic work on *Geologic Map of the Minden Quadrangle, Douglas County, Nevada and Alpine County, California*, by Alan R. Ramelli, James C. Yount, David A. John, and Larry J. Garside. NBMG [Map 182](#) was published in 2014.

The awards were presented the final day of the State GIS conference, which took place in October 2015 at the MontBleu Resort in South Lake Tahoe.

Text-Only Search Tool Added to Mining District Files

Text-Only Search Tool:

A new text-only search tool has been added to the mining district files and is great for mobile devices and for those with slow internet connection. Please make sure JavaScript is enabled in your browser before searching. <http://www.nbmг.unr.edu/Collections/MiningDistricts/MDDDBTextSearch.html>

Interactive Map:

The interactive map includes the same search functionality as the original tool—plus new features. Go to the interactive mining districts web application now or read the how-to guide first. <http://www.nbmг.unr.edu/Collections/MiningDistricts/MiningDistricts.html>

New Place-Names Book Released by Dr. Mary Ansari

Nevada Heartland: The Place Names of Carson City, Douglas, Lyon and Storey Counties, Nevada

Author: Mary B. Ansari, L.H.D.

Year: 2015

Format: 301 pages, paperback

Publisher: LeRue Press, LLC

Order link: <http://pubs.nbmг.unr.edu/Nevada-heartland-Ansari-p/lp01.htm>

Do you know the answers? (from the back cover of this book):

In what city was a major horse racing track, considered to be the fastest track in the Pacific Coast area, located?

What place name in Syria is also a place name in Lyon County?

What woman, in 1875, won a bid to erect an iron fence with gates around the Nevada State Capitol Building grounds?

What did the customers call the liquor, made by a saloon owner in Yerington, in the early settlement days?

"No one writing today knows more about the geographic names of northwestern Nevada's core historic section than Mary Ansari. Beginning in the mid-1980s, she published four volumes about the place names of

Storey, Ormsby (now Carson City), Lyon, and Douglas counties, as well as a book about the names of mines and mills of the Comstock. These exhaustively researched publications provided the most complete information up to then about the names found on maps of those counties—their origins, meanings, and even data on important events or personalities associated with them.

Now, she has revised and expanded the material from her earlier books and brought it together in a new work that is the definitive place name reference for what is really the “heartland” of Nevada, the area where the state’s initial nineteenth century economic, political, and community development occurred.

Far from being a rote listing of similar facts about one site after another, *Nevada Heartland* is, in effect, a fascinating discussion about the landscape of an important region of our state. It is full of history, obviously, and much of that makes for quite entertaining reading. One can dip into the book at any point and find not only significant information about the name of a specific place, but also little-known facts or stories relating to the site.

We, and the many others who will read or consult it in the future, are fortunate to at last have in our hands this culmination of the author’s exceptional, decades-long work in the field of Nevada geographic names." (from this book's "Foreword" by Eric N. Moody, *Nevada in the West* magazine)

Dedication (by Mary Ansari):

In memory of my place-name mentor, Alvin R. McLane,
and as a 50th anniversary gift for my husband, Nazir A. Ansari

About the author (from back cover of book):

During the 25 years that Mary Ansari was a member of the University of Nevada, Reno faculty, she held a variety of administrative positions in the University Library. She was tenured in 1973 and promoted to professor in 1983. In 1994, she retired as Director Emerita of Administrative Services and Branch Libraries. During her tenure at the University, she published widely in library and place-name literature. She was national president of the Geoscience Information Society, and the society’s Distinguished Service and Best Reference Book awards bear her name.

With her husband, Nazir, she has been a major benefactor to education, human services, and the arts in Nevada. She is trustee and secretary-treasurer of the Nazir and Mary Ansari Foundation, a charitable foundation seeking to improve people’s lives through support of human services, education, the arts and culture in northern Nevada. In 2007, she and her husband were recognized by the University of Nevada’s Board of Regents as Distinguished Nevadans and were honored as Outstanding Philanthropists by the Sierra Chapter of the Association of Fundraising Professionals. The University of Nevada, Reno’s Map Library bears her name. She has served on several public boards and continues to publish books on Nevada place names.

Mary received a Masters degree in Library Science from the University of Illinois and a Masters in Business Administration from Western Michigan University. She received a Doctorate of Humane Letters from the University of Nevada, Reno. Mary and her husband reside in Incline Village, Nevada, USA.

Cover map: compiled by Jennifer Vlcan, Nevada Bureau of Mines and Geology

2016 Nevada Geology Calendar—Reminder!

We still have a few of these *great* calendars left if you want one for the New Year, and remember to email your photos for next year's calendar to Jack Hursh (jhursh@unr.edu):

<http://pubs.nbmng.unr.edu/Nevada-geology-calendar-2016-p/cal2016.htm>

Job Announcements from BLM

Message from BLM: We are pleased to announce new, exciting positions available at BLM - BUREAU OF LAND MANAGEMENT. It is our hope that qualified, career oriented individuals at your organization or other professionals known to you will actively consider this position and apply accordingly. Efforts on your part to disseminate this information are greatly appreciated.

Position Information:

Job Description: **Hydrologist**

Announcement Number: MT-DEU-2016-0028

Location(s) of position: Lewistown, MT, US

Salary: \$48,968 - \$77,019

Applications will be accepted until: **01/19/2016.**

For additional information on this job posting, please go

to: <https://jobs.mgsapps.monster.com/blm/vacancy/viewVacancyDetail!execute.hms?orgId=3&inum=114022>
[\[jobs.mgsapps.monster.com\]](https://jobs.mgsapps.monster.com)

Position Information:

Job Description: **Wildlife Biologist**

Announcement Number: NV-DEU-2016-0032

Location(s) of position: Las Vegas, NV, US

Salary: \$49,054 - \$77,154

Applications will be accepted until: **01/20/2016.**

For additional information on this job posting, please go

to: <https://jobs.mgsapps.monster.com/blm/vacancy/viewVacancyDetail!execute.hms?orgId=3&inum=114011>
[\[jobs.mgsapps.monster.com\]](https://jobs.mgsapps.monster.com)

Position Information:

Job Description: **Forester (O & C Lands)**

Announcement Number: OR-DEU-2016-0040

Location(s) of position: Medford, OR, US

Salary: \$58,562 - \$76,131

Applications will be accepted until: **01/15/2016.**

For additional information on this job posting, please go

to: <https://jobs.mgsapps.monster.com/blm/vacancy/viewVacancyDetail!execute.hms?orgId=3&inum=113985>
[\[jobs.mgsapps.monster.com\]](https://jobs.mgsapps.monster.com)

Position Information:

Job Description: **Rangeland Management Specialist**

Announcement Number: NM-DEU-2016-0015

Location(s) of position: Farmington, NM, US, Las Cruces, NM, US, Roswell, NM, US, Taos, NM, US

Salary: \$39,570 - \$62,920

Applications will be accepted until: **01/21/2016.**

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For additional information on this job posting, please go

to: <https://jobs.mgsapps.monster.com/blm/vacancy/viewVacancyDetail!execute.hms?orgId=3&jnum=113895>
[\[jobs.mgsapps.monster.com\]](https://jobs.mgsapps.monster.com)

Charlotte Stock, Publication Sales
Nevada Bureau of Mines and Geology
Great Basin Science Sample and Records Library
2175 Raggio Parkway, Reno, NV 89512
phone (775) 682-8766, fax (775) 784-6690, www.nbmg.unr.edu

AAPG PACIFIC + ROCKY MOUNTAIN SECTIONS JOINT MEETING

NEW ROCKS, NEW PLAYS, NEW DAYS



> SAVE THE DATE !

for the first ever joint meeting of AAPG's Pacific + Rocky Mountain Sections & take advantage of many technical & social opportunities in America's favorite convention city.

2-5 OCTOBER 2016
PARIS LAS VEGAS HOTEL

**For more
information
contact:**

www.psaapg.org
www.aapgrms.org

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Nevada Petroleum and Geothermal Society Calendar: Year 2015-2016	
Jan 7, 2016	<p>NPGS Monthly Dinner Meeting – Thursday Jan 7, 6:30 PM <i>Details on Page 1</i></p> <p>SPEAKER: Dr. James Faulds, Director, NBMG, UNR TOPIC: Geologic Setting of the Proposed Geothermal FORGE Site at Fallon, Western Nevada: Suitability for EGS Research and Development</p>
Feb 4, 2016	<p>NPGS Monthly Dinner Meeting – Thursday Feb 4, 6:30 PM</p> <p>SPEAKER: Ileana Tibuleac, Research Associate Professor, Nevada Seismological Laboratory, UNR TOPIC: Development of a low cost method to estimate the seismic signature of a geothermal field from ambient seismic noise analysis</p>
Mar 3, 2016	<p>NPGS Monthly Dinner Meeting – Thursday Mar 3, 6:30 PM <i>Details TBA</i></p>
Mar 8, 2016	<p>Nevada BLM Oil & Gas Lease Sale, Reno NV Elko NV District, posting date: Dec 09, 2015 http://www.blm.gov/nv/st/en/prog/minerals/leasable_minerals/oil_gas/oil_and_gas_leasing.html</p>
Apr 7, 2016	<p>NPGS Monthly Dinner Meeting – Thursday Apr 7, 6:30 PM <i>Details TBA</i></p>
May 5, 2016	<p>NPGS Monthly Dinner Meeting – Thursday May 5, 6:30 PM <i>Details TBA</i></p>
Jun 19-22, 2016	<p>AAPG Annual Convention & Exhibition, 2016: Redefining Reservoir BMO Centre @ Stampede Park, Calgary AB http://ace.aapg.org/2016</p>
Oct 2-5, 2016	<p>Rocky Mountain Section/Pacific Section Meeting – AAPG 2016 2016 joint RMS-AAPG/PS-AAPG annual meeting Paris Hotel, Las Vegas, Nevada. Host societies: Idaho Association of Professional Geologists and the Nevada Petroleum & Geothermal Society.</p>

The NPGS Newsletter is provided to members of the Nevada Petroleum and Geothermal Society. For information about membership and events, see the NPGS website at <http://www.nbmgs.unr.edu/nps/>. To submit articles, corrections or suggestions for the newsletter; Contact Vicki Ehni 775-883-1107, cell 775-720-6387; email vehni@aol.com.
