

# Geological Society of Nevada Southern Nevada Chapter Newsletter

January 2011

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## Faults and Earthquake Hazards for Southern Nevada

**SPEAKER:** Barbara Luke & Wanda Taylor  
**DATE:** Thursday, January 27, 2011  
**LOCATION:** LFG Rm. 105, UNLV  
**TIME:** Social half-hour at 6:45 pm  
Meeting business at 7:15 pm  
Talk at 7:30  
**SPONSOR:** No details at press time

We are starting the year with a great presentation on Faults and Earthquake Hazards for Southern Nevada and finished last year with a combined AEG, GSN and NFOP holiday party. Remember to bring your specimens for the auction as it raises money to cover the costs of the meeting, and you might want to bring some cash, just in case, one of the other specimens catches your eye. I did not have anyone come forward for the segment entitled "Get to know your fellow Members". If anybody would like to volunteer for next months, or any months to come, please let me know by emailing me, otherwise, the section may be discontinued! I left the basic questions in the newsletter, in hopes someone may come forward at the meeting with their information.

2011 promises to be a great year for the GSN Southern Nevada Chapter and it will be due in large part to member participation. As I understand our president Josh Bonde could use volunteers as guest speakers. Additionally, meeting sponsors are encouraged. If anyone has anything they want in the next newsletter, please let me know!

-David Moore, Newsletter Editor

### Geological Society of Nevada Southern Nevada Chapter

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<http://geoscience.unlv.edu/GSN/gsnsc.htm>

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# Faults and Earthquake Hazards for Southern Nevada

## Speakers:

Barbara Luke, Ph.D., P.E., D.GE, F.ASCE Professor, Civil & Environmental Engineering Director, Applied Geophysics Center & Wanda Taylor, Ph.D, Professor, Geoscience

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## **This week's talk:**

### **Dr. Luke's Background:**

Barbara Luke is Professor of Civil and Environmental Engineering at UNLV. She holds a Bachelor's degree with highest honors from University of Texas at Austin, Master's degree from University of California, Berkeley, and Ph.D. also from University of Texas at Austin. All degrees are in civil engineering. The graduate degrees are in geotechnical engineering, with emphasis in rock mechanics (M.S.) and soil dynamics (Ph.D.). She has worked at Sandia National Laboratories, planning and conducting in situ geomechanical testing for deep geological disposal of radioactive waste. She once served in the U.S. Army as an active-duty soldier and later as a reservist. Dr. Luke is a registered Professional Engineer in the state of Nevada and is recognized by the Academy of Geoprosessionals as a Diplomate in geotechnical engineering.

### **Dr. Taylor's Background:**

Dr. Taylor received a B.S. in geology with a minor in chemistry from University of Minnesota, Duluth in 1982. She received a M.S. in structural geology from Syracuse University in 1984 and a Ph.D. in structural geology and tectonics from the University of Utah in 1989. She has been a member of the faculty at the University of Nevada, Las Vegas since 1991 and was awarded an Associate Professorship of Geoscience in 1997.

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# Get to know your fellow members

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## **This Could Be You!!!**

**Tell us a little about your background:**

**How did you become involved in geology?**

**Could you share a story about a field or geology-related experience that stands out as particularly memorable?**

**What is your favorite rock/geological feature?**

**What is your favorite place related to geology you've ever been?**

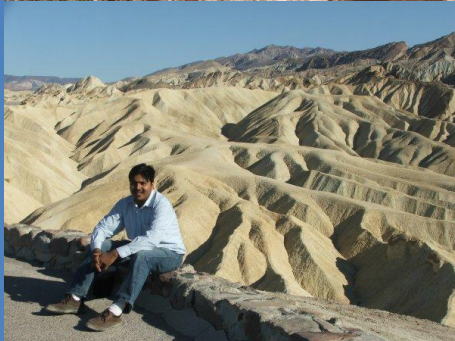
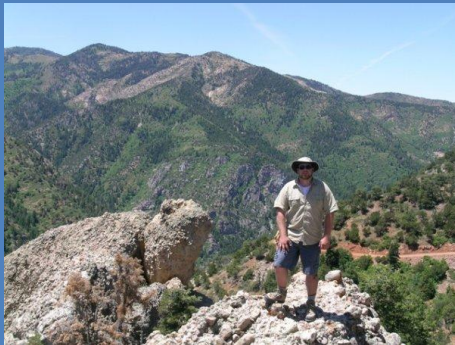
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# Announcements

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## Volunteer to share your experiences!

Share your field experiences with other GSN SNV chapter members through a story and/or photos in an upcoming newsletter.



Interested? Contact David Moore at [david.moore@timet.com](mailto:david.moore@timet.com)

## Calling all speakers and sponsors!

GSN is looking for sponsors and speakers for our 2010-2011 year! If you are interested or have ideas, please contact Josh Bonde.

Thank you!

## Silent Auction Items

GSN is always looking for specimens and silent auction items for our monthly meetings. The well-being of GSN is made possible by your generous donations. If you have a specimen or silent auction item, please contact Josh Bonde, or just bring it to the next meeting.

Thank you!

Have an announcement you would like to share in the next newsletter? Contact David Moore at [david.moore@timet.com](mailto:david.moore@timet.com)



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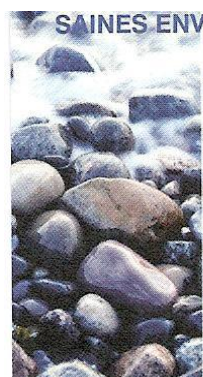
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