

Inland Geological Society

March 2017

Newsletter of the Inland Geological Society

Volume 33 No. 3

Thursday
March 2nd

Time:
Social: 6:00pm
Dinner: 7:00pm
Lecture: 7:30pm

Location:
LSA Associates
1500 Iowa Ave
Suite 200
Riverside, CA
92507
(Map on Pg. 5)

Coming to
Dinner?
Please RSVP:
By Monday 2/27
(909) 227-7704
Baircrystal@ca.rr.com

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March Speaker:

Eduardo Hernandez, P.E.

CEO/Principal Engineer, Project X Corrosion Engineering, Murrieta, CA

Corrosion Evaluations for Geotechnical Engineering: What Is a Corrosion Engineer Looking For?

Abstract:

This presentation will explain what corrosion engineers need to know to develop their corrosion control recommendations to avoid costly future failures. We'll review how and where to collect soil samples and the significance of various tests.

Biography:

Eduardo Hernandez, PE, is the Principal Engineer at Project X Corrosion Engineering. A native of southern California, Ed graduated from Cal Poly Pomona as a Mechanical Engineer, celebrated by backpacking around the world, and ended up getting married in Finland and earning a Master's degree there in Materials Science at Tampere University of Technology. He has worked as a foundry intern, university researcher, land development and water resources design engineer at RBF Consulting, a corrosion engineer at Schiff Associates, and as a forensic engineer at Vollmer-Gray Engineering Labs. His experience has provided the opportunity to learn from many people's mistakes and to provide advice on avoiding future mistakes and being thrown under the bus.

Please mark your calendars for a major joint meeting with
the Inland Geological Society,
Groundwater Resources Association,
and U.C. Riverside
on Wednesday, April 5th

We will be honored to have this year's California Groundwater Resources Association's "David Keith Todd Distinguished Lecturer Series" guest speaker, Dr. Claudia Faunt of the USGS. Dr. Faunt will be speaking on *Water Availability and Sustainability in California's Central Valley: Past, Present, and Future*. The meeting will be held at the Botanical Gardens Conference Center at U.C. Riverside.

Save the Dates

31st Annual Desert Symposium and Field Trip

Symposium: April 14 - 15, 2017

Field Trip: April 16 - 17, 2017

This year the field trip will return to Desert Studies Center each night.

California State University Desert Studies Center, Zzyzx, CA

Field Trip Theme:

Eastern California Shear Zone (ECSZ)

Changes in Latitude, Changes in Altitude

Share your desert research through an oral presentation or poster.

The Desert Symposium is open to research presentations related to any area of desert studies. Students are especially encouraged to present, and compete for the Adams Best Student Presentation Awards.

*Abstract Deadline for Presentations: **January 20, 2017***

*Manuscript Deadline for 2017 Symposium Volume: **February 20, 2017***

Manuscript style can be viewed in the 2016 Symposium volume at goo.gl/vBJXbW
or see Instructions for Authors on the DSC web site.

For more information visit <http://nsm.fullerton.edu/dsc>



Please forward this flyer to interested individuals and invite them to join the email list by contacting:
dsandquist@fullerton.edu

STUDENTS

Applications for **Summer 2017 undergraduate internships** with the Southern California Earthquake Center (SCEC) are now being accepted.

**SCEC offers
two internship programs,
each providing compensation
of at least \$6,500:**

The **Undergraduate Studies in Earthquake Information Technology (UseIT)** Program challenges teams of undergraduates of diverse backgrounds with real-world earthquake issues that require collaborative, interdisciplinary applications of earth science and information technology (including high performance computing). Learn more about UseIT at: <https://www.scec.org/internships/useit>.

The SCEC **Summer Undergraduate Research Experience (SURE)** Program pairs undergraduates with SCEC scientists at that researcher's institution or field site. Projects for SURE interns span the spectrum of earthquake science. Learn more about SURE at: <https://www.scec.org/internships/sure>.

Applications received by the **February 24th priority deadline** will be considered in the first round of internship offers. Learn more and apply at <https://www.scec.org/internships>.

ASBOG Subject Matter Experts (SMEs) Wanted

The National Association of State Boards of Geologist (ASBOG) will be holding the spring Council of Examiners (COE) Workshop in Flagstaff, Arizona during April 2017 and the fall COE in Portland, Oregon during November 2017. The COE consists of two days reviewing the previous and subsequent ASBOG exams used for qualifying geologists for professional registration. The COE is conducted by Subject Matter Experts (SMEs) made up of geologists from the various State Boards. As part of the new procedures implemented by the ASBOG Executive Committee, selected SMEs registered in or adjacent to the State where the COE is being held have been included as part of the COE process.

The requirements for applying to be a SME to the COE are:

- Registered/Professional Geologist in good standing from a State using the ASBOG exams for registration
- Having passed the ASBOG exam(s) previously
- Working as a professional geologist in industry, academia, or government
- Agree to the terms and conditions as set forth by ASBOG for being a SME
- Able to attend the COE knowing that your travel expenses will not be reimbursed

The COE is a key component of expanding and maintaining a relevant and defensible examination for applicants. Due to the strict exam review process performed for each administration and the task analysis performed every 5 years, ASBOG has developed one of the fairest and most applicable exams for licensure of geologists. SMEs play a critical role in ensuring that the COE has sufficient professional experience to perform this process and give fair weight to all aspects of geology.

The COE is structured as a two stage process and has parallel sessions (fundamentals and professional). During the first day, instructions are provided by the psychometrician and then the participants "take" the exam that was given during the past administration. In the afternoon, participants review each of the questions as a group with input from the psychometrician indicating how the questions performed on the exam. Based on this review, questions are accepted or may be double keyed and/or removed. Generally only questions that have not been used, or used infrequently, in the past are identified as being of concern when they are ambiguous to the group and/or they have not performed well within the administration. During the second day the process is repeated, but for the exam that will be given at the next scheduled administration.

If you are interested in being part of this process, please provide your credentials and information to ASBOG for consideration. This information can be emailed to: Deana Sneyd, <dsneyd@asbog.org>.

Upcoming Meetings/Events

Inland Geological Society Meetings

April 5, 2017 (Wednesday)

Claudia Faunt, Ph.D., P.E.
USGS / David Keith Todd Lecturer
Water Availability and Sustainability in California's Central Valley: Past, Present, and Future

Joint meeting with Groundwater Resources Association (GRA) and UC Riverside

May 24, 2017 (Wednesday)

Scott A. Anderson, Ph.D., P.E.
2016-2017 Jahns Lecturer
Joint meeting with AEG-SoCal Chapter

AEG—So. California Chapter Meeting



At the next AEG-SoCal meeting, Bill Kane and Mallory Jones of Kane Geotech, Inc. will discuss design and implementation of engineered debris fences and rock fall barriers in southern California hillsides. For more info., visit www.aegsc.org.

AEG—Inland Empire Section Meeting



The February meeting for AEG-IES has not been announced yet. For more info., visit www.aegsc.org/chapters/inlandempire/.

South Coast Geological Society Meeting



Join SCGS on **March 6, 2017, 6:00-9:00 pm** at California State University, Long Beach. Dr. Matthew W. Becker, Professor of Geology and Conrey Chair in Hydrogeology, will present "*Where Groundwater Meets Ocean: California, Easter Island, Hawaii, and Tahiti.*" For more info., visit their website at www.southcoastgeo.org.

San Diego Assoc. of Geologists Meeting



The next SDAG meeting will be held on Wednesday, March 27th, location TBA. The presentation topic will be "*Understanding the Licensure Laws and Responsibilities of the Licensee.*" For more info, visit their website at www.sandiegogeologists.org.

Los Angeles Basin Geological Society Meeting



Monthly lunch meetings are typically the 4th Thursday of the month from 11:30 am to 1:00 pm at the Willow Street Conference Center in Long Beach. For more info., visit their website at www.labgs.org.

Rock & Gem Shows—Various locations

Various rock and mineral shows will be held throughout So. California. To find one near you, visit www.rockngem.com, then select the Show Dates tab.

Student Scholarship and Grant Opportunities

American Geophysical Union (AGU)

Grants and Scholarships:

Various awards with deadlines from April 1 to April 15, 2017

<http://honors.agu.org/research-grants-and-awards/>

Association for Women Geoscientists (AWG)

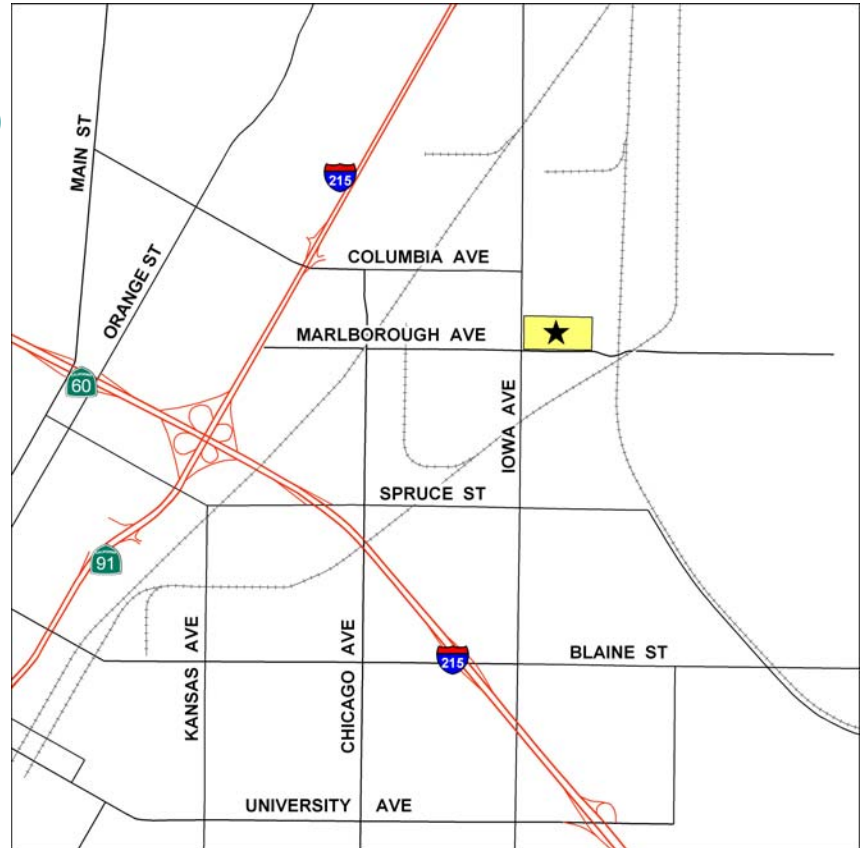
Scholarships and Awards:

Various awards with deadlines between February and November

<http://awg.org/awards>

IGS MEETING LOCATION:

**LSA Associates, Inc.
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