

Inland Geological Society

Newsletter of the Inland Geological Society

Volume 22 No. 5

This Meeting:

Thursday
May 16th

Joint Meeting with SME

Time:

Social Hour:

6:00 pm

Dinner:

6:45 pm (\$20):

Program:

7:15 – 7:45 pm

Location:

San Bernardino
State University
Geology
Department
5500 University
Parkway
San Bernardino,
CA 92407

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May Meeting:

JOINT MEETING OF INLAND GEOLOGICAL SOCIETY AND THE SOUTHERN CALIFORNIA SECTION OF THE SOCIETY OF MINING, METALLURGY AND EXPLORATION (SME).

STUDENT SHOWCASE:

Presentation Talks and Posters

Hosted by Dr. Erik Melchiorre, Associate Professor of Geology, Department of Geology, California State University, San Bernardino

Program Description:

The [Geology Department at California State University, San Bernardino](#) will host the May 16th meeting at the geology department "Rock Shed" (see map page 5 and follow the posted signs). Join us for a delicious "Texas BBQ" dinner. There will be a 6:00 - 6:45 PM "social hour," including an optional tour of the new natural science museum which features many fossils and mineral samples. Program will feature presentations by two geology majors, detailing their active projects at Mtn. Pass, CA, and Arizona placer gold. There will be over a dozen other student Poster Sessions, part of a culmination of the work of over 50 students working with various faculty at CSUSB.

IGS CALENDAR

July 6, 2006 (Thursday)

Steve Testa, PG, CPG,
Consultant and Executive Officer,
California State Mining and Geology Board, Sacramento, CA,
"Early History of the California Geological Survey: Conflicts
between William P. Blake and Josiah D. Whitney, and the Fate of
the First California Geological Survey"

Aug 2, 2006 (Wednesday)

Dr. Don Prothero, Paleontology – Talk TBA

Sept 7, 2006 (Thursday)

Bruce Sibbett, PG, CHG,
Shaw Environmental, Inc., San Bernardino, California,
"Ascension Island, in search of equatorial heat, a Geothermal Adventure "

Oct 4, 2006 (Wednesday)

Arthur R. (Dick) Brown,
Consulting Engineering Geologist/Dibblee Foundation
"Tom Dibblee, Field Geology's Grand Master"

Nov 9, 2006 (Thursday)

Maggie Gooding,
LSA Associates, Riverside, California
GIS – Talk TBA

Dec 6, 2006 (Wednesday)

Dr. Michael McKibben, Professor of Geology,
University of California, Riverside
"Arsenic in Groundwater"

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SCIENCE FAIR AWARDS

On April 18th, a team of IGS members volunteered their time to judge projects at the Inland Science and Engineering Fair held at the Orange Show fairgrounds. More than 800 student projects from elementary through high school were on display from students from San Bernardino, Inyo, Mono and Riverside counties.

Rick Rees (Geomatrix), Larry Monroe (BLM, retired), Patrice Copeland (CWQCB #8) and Steve Mains (Watermaster Support Services) donated their time and enthusiasm to encourage and recognize young scientists.

IGS honored Elizabeth Avalos for her outstanding earth science project: "Does Repetitive Flooding Affect Soil Absorption?" Elizabeth is a repeat winner of the IGS award, a \$100 US Savings Bond.

Other outstanding projects included two liquefaction potential projects, a stream particle size vs distance from the source project, and a comparison of sand particle sizes and chemistry of beach vs desert sand dunes.

Aquifer Test Analysis Talks

Dr. Tom Perina, of CH2MHill, will offer differing in technical detail and complexity two talks, in June and August 2006. The introductory talk will be presented during a meeting of the Inland Geological Society in Riverside on June 7, and the second, more technical presentation, will be presented at an Association of Engineering Geologists (AEG) Inland Empire Chapter August 16 meeting:

"Aquifer test analysis with the general well function" (June @ IGS Meeting, Riverside) will cover basics of aquifer test analysis with classical methods, and introduction to the CH2MHill well function solution. Brush up on the basics!

"Advanced aquifer test analysis with the general well function" (August @ AEG Meeting, Temecula) will provide extensive detail with the CH2MHill well function solution and specialized interpretation techniques, with detailed comparisons to classical techniques and interpretations.

Consider attending both meetings regardless of your expertise!

For future information about the more advanced course hosted by AEG, see the AEG Newsletter. To request a copy of the AEG Newsletter, contact Rick Gundry: rick.gundry@verizon.net, or visit <http://www.aegsc.org/chapters/inlandempire/> in July.

Geology Continuing Education Series

*University of California, Riverside –
UC Extension Center*

Rules and Regulations for Geological Studies

May 20, 2006

Second in a series of quarterly short-courses co-sponsored by Inland Geological Society and AEG Inland Empire Chapter working in cooperation with the Department of Earth Sciences, University of California, Riverside. The goal of the series is to provide an opportunity for specialized and focused education, as well as generate interest and foster cross-spectrum communication between students, consultants, business, industry, government, and academic institutions.

Geological and environmental studies and reports should follow guidelines set by local, state, and federal regulatory agencies. During this course, seven speakers will present their perspectives on the enforcement of rules and regulations as stipulated by various laws. The topics cover engineering sites, land use, mining activities, and groundwater cleanup.

Speakers include:

- John Broderick, Santa Ana Regional Water Quality Control Board
- Dave Jones, County Geologist, Riverside County
- Paul Sweeney, Executive Officer, Ca Board of Geologists and Geophysicists
- Alfred Zonoria, CAL-EPA (DOHS-DTSC)
- Steve Kupferman, Geologist U.S. Bureau of Land Management (formerly Riv. Cnty Geol.)
- Steve Testa, Executive Officer, Ca State Mining and Geology Board
- Janice Hernandez, California Geological Survey.

Other Announcements:

Meeting

AEG Inland Empire Chapter

Wednesday, July 19, 2006:

AEG/GSA 2006 Richard Jahns Distinguished
Lecturer in Engineering Geology

"Rock-fall Analysis and Mitigation"

Jerry D. Higgins, PhD, PG, Associate

Professor of Engineering Geology,

Department of Geology and Engineering

Geology, Colorado School of Mines, Golden,

Colorado.

Job Opportunity

Lahontan Regional Water Quality

Control Board in Victorville. A beautiful
desert community that is experiencing huge
growth with still affordable housing.

professional registration is not required.

applicants can get on the state list, which is
open ended (no closing date) see link for
description.

http://www.spb.ca.gov/employment/more_info.cfm?recno=262410

or contact Christy Hunter,

chunter@waterboards.ca.gov (760) 241-
7377

Job Opportunity

CH2MHill - Hydrogeologists and
Environmental Engineers (Santa Ana and
Riverside). Contact www.ch2m.com,
CH2M HILL, a global full-service engineering,
construction, and operations firm, has been
named one of America's top employers by
Fortune magazine. Our Santa Ana and
Riverside offices are now searching for
Hydrogeologists and Environmental
Engineers. If you are interested in becoming
a part of a great team, please visit our
website at www.ch2m.com to apply.

Job Opportunity

Lawson and Associates looking for Project Engineer

Work under the supervision of registered
geotechnical engineer to perform field
geotechnical investigations, analysis and
design of shallow & deep foundation, seismic
hazard assessments, liquefaction analysis,
and static and pseudo-static slope stability
analysis; prepare geotechnical reports;
participate in inspecting existing engineering
projects and formulating recommendation on
project design improvements; present the
engineering aspect of the project to clients
and interact with clients on the technical
parts of the projects.

Requirement: MS degree in Civil Engineering
with specialization in Geotechnical
Engineering.

Send resumes to 2045 Royal Avenue, Suite
125, Simi Valley, CA 93065

Job Opportunity

**Lawson & Associates, Geotechnical
Consulting, Inc.**-Geotechnical professional
or just starting out contact Simi Valley (805)
579-3434, FAX 805.579.3435,
kesmond@lgcgeo.com ; or San Clemente
(949) 369-6141, FAX 949.369.6142,
nfo@lgcgeo.com

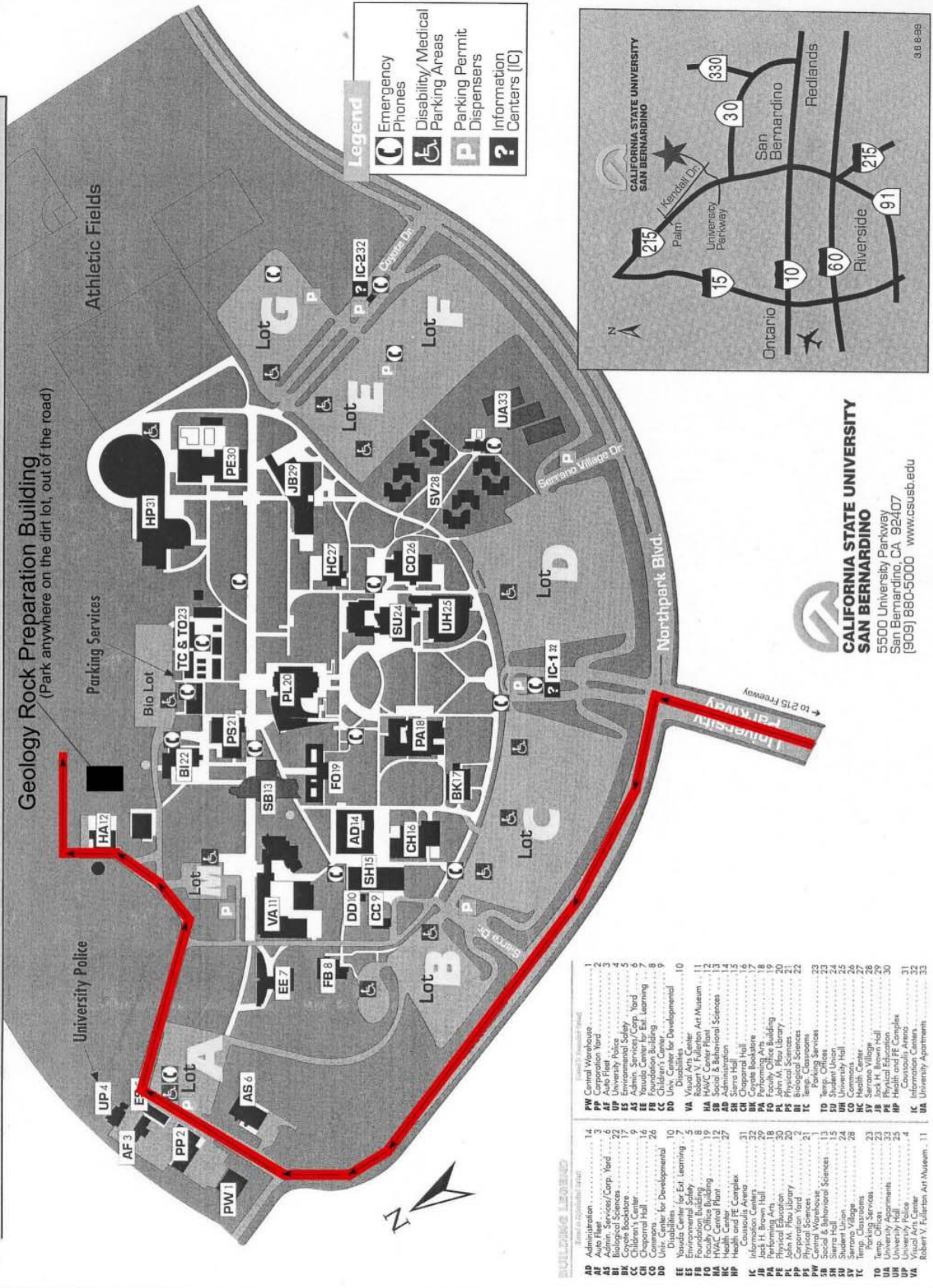
- also in Ventura, San Bernardino, Santa
Barbara, Kern, Orange and Los Angeles
Counties' most interesting and challenging
projects. Kesmond@lgcgeo.com

Job Opportunity

Hargis & Associates, Inc.

Project Hydrogeologist,
San Diego contact Phil Resenberg, 2365
Northside Dr., Suite C-100, San Diego, CA,
92108, (619) 521-0165, FAX 619.521.8580
www.hargis.com

CALIFORNIA STATE UNIVERSITY, SAN BERNARDINO



From I-215 NORTH, exit University Parkway to the RIGHT and go straight to campus.
 From I-215 SOUTH, exit University Parkway to the LEFT and go straight to campus.
 Turn LEFT on Northpark Boulevard, and then RIGHT on Fairview Drive.
 We will put up signs to aid your drive through campus, or you can follow the map above.

Cover concept and design by Jay Wampler

www.inlandgeo.org

Inland Geological Society

Geomatrix Consultants, Inc.



Geomatrix

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