



SAN DIEGO ASSOCIATION OF GEOLOGISTS

1999 EXECUTIVE COMMITTEE

PRESIDENT

Lowell Lindsay
Sunbelt Publications
1250 Fayette St.
El Cajon, CA 92020
(619) 258-4911
fax: 258-4916
sunbeltinc@usa.net

VICE PRESIDENT

Greg Cranham
Hargis + Associates, Inc.
2223 Avenida de la Playa
Suite 300
La Jolla, CA 92037
(619) 454-0165 x 108
fax: 454-5839
grcranham@hargis.com

SECRETARY

Barbara B. Birnbaum
Bechtel National, Inc.
1230 Columbia St.
Suite 400
San Diego, CA 92101
(619) 744-3068
fax: 687-8787
bbimbau@bechtel.com

TREASURER

Bob Stroh
Ninyo & Moore
5710 Ruffin Road
San Diego, CA 92123
(619) 576-1000
fax: 576-9600
rstroh@ninyoandmoore.com

<http://www.znet.com/~sdag>

MEETING ANNOUNCEMENT

Wednesday, January 20, 1999

Place: The Big Stone Lodge
12237 Old Pomerado Road
Poway (map not to scale) ⇨
Phone: (619) 748-1617

Time: 6:00 - Social Hour
7:00 - Dinner
8:00 - Program

Dinner: Barbecued Tri-Tip and Chicken, BBQ
baked beans, red potato salad,
cole slaw, rolls; iced tea, coffee.

Cost: \$ 20.00 per person (Students: \$ 10.00)

Reservations Required by 5:00 pm Monday,
January 18. To reserve a space at this month's meeting, call the SDAG Reservation Line at
(619) 454-0165, Extension 190. Contact Barbara Birnbaum at (619) 744-3068 with any
questions.

Speaker: Eric Riggs, Department of Earth Sciences, University of California, Riverside

Program: Indigenous Earth Sciences Project (IESP): Exploring Geoscience Education in
Southern California Native American Communities

The geoscience community has long been active in efforts to improve public science literacy and to publicize the relevance of our scientific work to people's daily lives. Organizations and journals are dedicated to improving geoscience education in the classroom at many different levels, including outreach programs designed to increase ethnic minority participation in the earth sciences. The Indigenous Earth Sciences Project (IESP) at the

University of California, Riverside (UCR) is such a program founded with support from the National Science Foundation (NSF), with the goal of increasing Native American participation in all aspects of the earth sciences.

The number of minority students enrolled in all science programs nationwide, geosciences included, is disproportionately low relative to population. This is especially true for Native students, for economic, cultural, and historical reasons that will be discussed in the presentation. However, the earth sciences may offer a lower set of cultural and social barriers to entry into the sciences for Native students.

The IESP will address these issues by holding three conferences this Spring at UCR to encourage direct communication between geoscientists and Native Californians. These conferences will explore: perceptions of Southern California geology and geologic history, in an effort to identify possible cultural barriers; approaches to classroom and field earth science teaching in Native communities, including what has worked well in other Native communities in North America; and a discussion of these issues by geologists working on or near Native lands with the Native people from those areas. Future efforts may include field trips and direct involvement with geoscience education at all levels in Southern California Native communities.

Eric M. Riggs holds a BA in English Literature from Pomona College and is currently a Ph.D. candidate in Geological Sciences at the University of California, Riverside. He has taught courses in Geology and Critical Thinking at Pasadena City College. With interests in both the humanities and sciences, he studies the role of science in our society. At UC Riverside he studies shear failure phenomena and source physics of deep earthquakes and transformation-induced faulting. Related work includes fractal properties and non-linear scaling phenomena generated by shear failure propagation in the laboratory.

Upcoming 1999 Meetings:

February 17: Topic to be announced (TBA)
March 17: Student Papers by Jennifer Lewis and Isabelle Sacramento Grilo, SDSU
April 20: Steve Baumann, *Glamis Imperial Gold Mine* (joint meeting with SME)
May: Joint meeting with South Coast Geological Society, San Juan Capistrano; Topic TBA
June 16: Barbara Birnbaum, *Camisea Project: Field Pipeline Mapping in the Peruvian Rain Forest*
July 21: Joint meeting with Inland Geological Society, Temecula; Topic TBA
August 18: TBA
September 18: SDAG / ASCE / SDSU Geology Alumni Annual Picnic
October 9-11: SDAG Field Trip; *Water Resources Development in Southern California*
November 17: TBA
December 15: Tom Deméré, *San Diego Natural History Museum Paleontology Update*

1999 Corporate Sponsors:

We are pleased to be able to extend our most sincere **thanks** to our first Corporate Sponsors for 1999! Their generosity allows us to plan the annual field trip and produce field guides, to host the SDAG/SDSU picnic on Mission Bay, and to provide scholarship funds to local geology students. 1998 Corporate Sponsors are urged to renew their commitment for 1999. Our new Corporate Sponsors are:

- Curtis Burdett
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- Southland Geotechnical Consultants
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- Zeiser Kling Consultants, Inc.

Please consider becoming a Corporate Sponsor of SDAG. In addition to monthly recognition for your contribution, you will be entitled to a free "link" from the SDAG Website, as well as a business-card size ad in an upcoming 1999 newsletter. We hope to list our sponsors at the front of the 1999 SDAG Field Volume, and may consider small ads in that volume for an additional contribution.

Newsletter:

Please submit information, announcements, ads or suggestions to the new Secretary, Barbara Birnbaum, for inclusion in the next newsletter. Any news regarding upcoming events that may be of interest to the Association or news of your business can be submitted. The deadline for the next newsletter is January 29, 1999.

ANNOUNCEMENTS:

Congratulations to the new SDAG Executive Committee, most especially to “the new guy”, Treasurer Bob Stroh. We also wish to extend our appreciation and sincere **thanks** to the 1998 President, Werner Landry, for four years of dedicated service to SDAG! Werner was presented with a gift certificate to REI Co-op at the December meeting.

Dues are due on January 1 for 1999. **Please note** that you must renew if and only if “*exp*” appears on your address label. A 1999 membership form is attached. Be advised that annual dues will be increased to \$20.00 (\$10.00 for students), effective March 1. So **renew today** at the 1998 rate!!

Los Angeles Basin Geological Society will meet at 11:30 am on Wednesday, January 27, 1999, at the Long Beach Petroleum Club. Professor Tanya Atwater of the Department of Geological Sciences, University of California, Santa Barbara, will speak on *Neogene Plate Tectonics of Western North America - an Update*. The cost is \$17.00 for the buffet lunch, \$6.00 for students. Place your reservations with Curtis Henderson at (562) 570-3937 or by e-mailing him at cuhende@ci.long-beach.ca.us by January 15, 1999. The Long Beach Petroleum Club is located at 3636 Linden Ave. in Long Beach, just north of the 405 Freeway between Long Beach Blvd. and Atlantic Ave.

Symposium on the Application of Geophysics to Engineering and Environmental Problems (SAGEEP) will be held at the Oakland Marriott City Center on March 14-17, 1999. For information, call (303) 771-2000 or visit the Symposium’s website at: www.sageep.com.

The American Association of Petroleum Geologists, Pacific Section, will hold its annual meeting at the Embassy Suites at Monterey Bay on April 28 - May 2, 1999. The theme of this year’s convention is “Monterey’s Hidden Resources”. See the meeting’s website at <http://www.west.net/~psaapg>. For further information, contact the General Chairman, Gary Greene, at (831) 633-7264, or by e-mail: greene@cruzio.com.

Grand Canyon Raft Trip is scheduled for June 25 - July 2, 1999. A waiting list is now being formed for this full trip. Call Sue Tanges at (619) 442-8022 for additional information, or e-mail Sue at s.tanges@worldnet.att.net.

The Gordon Gastil Endowed Scholarship Fund continues to seek donations of any amount. Gifts of \$ 500.00 or more will be recognized on a plaque to be placed in the remodeled Geology Building. Donations can be sent through SDAG, or contact Pia or Marie, Department of Geological Sciences, SDSU, at (619) 594-5586.

Thanks to Hargis + Associates, Inc., for hosting the SDAG Meeting Reservation line for another year!

Many thanks to Carolyn Glockhoff for creating and managing the new SDAG website for a full year! If you haven’t yet seen this excellent and useful resource, check it out at: <http://www.znet.com/~sdag>. Also, send the URLs of your favorite geology sites to Carolyn (carolion@aznet.net) for listing on the Geologic Links page. Based on the first week of 1999, we estimate that the SDAG website receives about **60 “hits”** per day! Way to go!

Positions Available:

- **ENGINEERING GEOLOGIST:** Cotton, Shires & Associates seeks a Certified Engineering Geologist with minimum 10 years professional experience. Master’s degree in geology preferred. Position requires strong technical, writing and business development skills and experience in the Southern California area. Excellent salary and benefits package. EOE. Mail resume in confidence to: Cotton, Shires & Associates, 5245 Avenida Encinas, Suite A, Carlsbad, California 92008; Attn.: Stan Helenschmidt.
- **IMMEDIATE OPENINGS** for Geologists with experience in environmental remediation and UST site assessments. Candidates must be OSHA certified with extensive field experience. Excellent compensation and advancement opportunities available. Fax resumé to Onsite Environmental Staffing, a consulting firm, at: (619) 874-5587, or by phone at: (619) 503-1035.
- **ENGINEERING GEOLOGIST** needed in Riverside County. Applicant must have 4 to 7 years experience with subdivisions, commercial or industrial projects. Position will involve responsibility for field engineering, report writing, and personnel management. Fax resumé to Kelly Stahl at Onsite Environmental Staffing, at: (619) 874-5587, or by phone at: (619) 503-1025.

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