

# SAN DIEGO ASSOCIATION OF GEOLOGISTS

1992 EXECUTIVE COMMITTEE

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## MEETING NOTICE

WEDNESDAY, March 18, 1992

**SPEAKER:** Dr. Monte Marshall-San Diego State University

**TOPIC:** Detailed Gravity Studies and the Tectonics of the Rose Canyon-Point Loma-La Nacion Fault System, San Diego, California.

**PLACE:** Ramada Inn/Tickled Trout  
2151 Hbtl Circle South  
San Diego

**TIME:** 6:00 - Social Hour  
7:00 - Dinner  
8:00 - Program

**DINNER:** Macadamia nut chicken, tossed green salad, potato, vegetable du jour, rolls & butter, brownie a la mode, coffee, tea or milk.

**COST:** \$20.00 (Please make checks payable to SDAG)

**RESERVATIONS REQUIRED!** By noon, Monday, March 16. Please phone in your reservation ASAP to the receptionist at Miramar landfill (619) 573-1414. Please call if you need to cancel your reservation.

**SUMMARY:** Detailed gravity traverses, in conjunction with regional gravity and basement topography maps, support the suggestion that the San Diego basin is a nested graben in a zone of tension between two offset strands of the Rose Canyon fault. The transformation of the predominantly strike-slip Rose Canyon fault into the N-S trending, predominantly dip-slip La Nacion and Point Loma fault zones explains why the Rose Canyon fault seems to disappear south of Mission Hills. Several consequences of this model are examined, including an estimate of the long-term slip rate on the Rose Canyon fault.

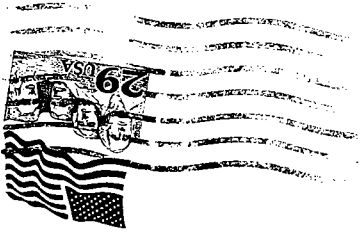
Dr. Marshall has been a professor of geology at San Diego State University for 17 years. He teaches geophysics, structural geology, paleomagnetism, petroleum geology, field geology and general geology.

Thank you for not smoking in the meeting room.

SAN DIEGO ASSOCIATION OF GEOLOGISTS  
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SUSAN E. TANGES  
1465 E. LEXINGTON AVE, #7A  
EL CAJON, CA 92019



## EMPLOYMENT OPPORTUNITIES:

1. Ogden Environmental & Energy Services Co. Inc., (formerly ERCE) is actively seeking a junior or mid-level ENVIRONMENTAL ANALYST with a geology academic background for their San Diego Office. Position(s) to participate in preparation of EIRs and EISs on technical projects. Please submit resumes in confidence to: Ogden Environmental & Energy Services Co. Inc. 5510 Mbrehouse Drive, San Diego, CA. 92121, Attention Human Resources KSM.

2. GEOLOGY INSTRUCTOR - SADDLEBACK COLLEGE. Position #1628  
(One year sabbatical leave replacement)

Due to space consideration and the 5 pages that came with the announcement it is suggested that you contact the 24-hour job hotline, (714) 582-4852 or the office of Human Resources, (714) 582-4850 at the college to obtain an application. Closing date is Thursday, April 9, 1992.

## GEOLOGY TRIPS

"Volcanoes of Indonesia", July 20-August 10, 1992. The Indonesian subduction zone straddles the equator between Asia and Australia. It is home to more than 400 volcanoes with at least 70 of them still active. Sites to visit will include crater lakes, sulfurous hot springs, snow-capped peaks, belching volcanoes, on the different islands of Bali, Java, Sumatra, Irian Jaya and Krakatoa. For more information contact Dorothy Stout, Cypress College, 9200 Valley View St. Cypress, CA. 90630. (W) 714-826-2220 or (H) 310-695-7743 Approximate cost \$3500.00.

## NOTES OF INTEREST

The South Coast Geological Society has established an annual \$500 Lucy Birdsall Memorial Scholarship for students at local Southern California two- and four-year colleges and universities. This scholarship honors a geologist who served for 34 years as the US Geological Survey's Public Inquiries Officer in Los Angeles. This registered geologist, president and honorary member of many local geological organizations was known for her enthusiasm and dedication which helped increase public awareness of geology as she became known as the main source of earth-science information in the Los Angeles area for geologists, geology students, city officials, news media, school children and the general public. Deadline for application each year is March 31, recipients will be notified by May 1.

For more information, students should contact their department heads at their college or university for application forms, or write to: Chairman Marshall Payne, Lucy Birdsall Memorial Scholarship Fund, South Coast Geological Society, P.O. Box 10244, Santa Ana, CA 92711.

## ANNOUNCEMENTS:

1. SDAG would like to thank HARGIS + ASSOCIATES AND SOUTHLAND GEOTECHNICAL CONSULTANTS for being 1992 Corporate Sponsors. THANKS! SDAG is still looking for other Corporate Sponsors to help with our yearly expenses. If you or your company would like to become a Corporate sponsor and be recognized in the SDAG newsletter, directory and at the following month's meeting, send a minimum \$100.00 contribution to SDAG c/o Joe Coronas, 13450 Russet Leaf Ln., San Diego, CA. 92129.
2. The annual Geology Banquet, sponsored by the SDSU Geology Alumni Association, will be held on Saturday, March 21, 1992 at Casa Real in The Aztec Center on the SDSU campus. The evening will consist of a social hour from 6 to 7pm, dinner from 7 to 8pm, followed by a program. A silent auction will be set up at the beginning of the evening and will conclude after the program. To donate items for the silent auction or for further information, please contact Daryl Streiff at (619) 758-2432 or Leslie at (619) 594-5586. (Reservations are required.)
3. The City of San Diego is requesting geologic information about an area located on the north side of Mount Soledad in La Jolla. The area of interest is roughly bounded by Hillside Drive, Ardath Road and Torrey Pines Road. Local consultants with information including geologic maps, borehole logs, slope inclinometer data, or structural distress observations are asked to please contact City Geologists Rob Hawk (236-7236) or Werner Landry (236-7251.)
4. 1992 SDAG membership dues are due in January. A membership form is attached if you have not paid your 1992 membership. Please complete and mail to SDAG c/o Joe Coronas, 13450 Russet Leaf Ln., San Diego, CA. 92129.
5. The County of San Diego has recently instituted the Groundwater Ordinance (County Ordinance #7994, new series.) DPLU has also updated the "Standards for Site Specific Hydrogeologic Investigations" for studies required by the ordinance. Copies of each can be obtained at no cost from the DPLU Zoning Counter at 5201 Ruffin Road, Suite B, Kearny Mesa. In addition, "Hydraulic Properties of a Fractured-Rock Aquifer, Lee Valley, San Diego County, USGS Open File Report 90-592" can be obtained from the DPLU Cashier for \$4. The investigation centered on the crystalline fractured-rock aquifer of Lee Valley, a small Hydrologic basin located east of Jamul. Hydraulic properties of the aquifer and hydrologic budget of the basin were studied in detail. For further information contact J. Eric Gibson, County Groundwater Geologist at 694-2960.
6. Call for papers!! The 1992 SDAG annual field trip will be an update to our 1978 field trip to the Coronado Islands. If you are interested in submitting a paper(s) regarding the geology or natural history of the Coronado Islands, please contact Lyne Perry at 292-8030. The field trip has been scheduled for Sunday, September 13, 1992,
7. The LAST DAY OF ANNOUNCEMENTS to be included in the APRIL newsletter is Monday, March 30. Please submit items in writing to Joe Coronas at the City of San Diego, FAX (619) 492-5041.