



SAN DIEGO ASSOCIATION OF GEOLOGISTS

www.sandiegoeologists.org

SDAG MEETING ANNOUNCEMENT WEDNESDAY, February 18, 2004

GEOLOGY, GIANT STATUES, AND THE NATURAL HISTORY OF EASTER ISLAND AND THE ISLANDS OF FRENCH POLYNESIA, SOUTHEASTERN PACIFIC OCEAN

presented by

Monte Marshall, Ph.D.
SDSU

Where: Bali Hai Restaurant
2230 Shelter Island Drive
San Diego, CA 92106
(619) 222 - 1181

When: 6:00 pm – Social Hour
7:00 pm – Dinner
8:00 pm – Program

Directions: The Bali Hai is located on Shelter Island. Go west along Harbor Drive past the airport. Turn Left on Rosecrans Street (former SR 209), then make a left onto Shelter Island Drive. Turn left around the traffic circle. The Bali Hai will be in front of you.

Dinner: The Bali Hai will be serving us their great Polynesian dinner via buffet style. The meeting will be in the Big Room on the first floor.

Cost: \$25.00 per member and guests; \$30 per non-member, \$10 for students. Add \$5.00 if you did not make a reservation.

Reservations: Make your reservation **online** through the SDAG website at www.sandiegoeologists.org or call SDAG Reservation Hotline at (619) 255-8380, **no later than Noon Monday, February 16th.**

2004 EXECUTIVE COMMITTEE

PRESIDENT – Monte Murbach; *Petra Geotechnical*; Ph: (858) 485-5530; mmurbach@petra-inc.com

VICE PRESIDENT – Margaret Eggers; *Eggers Environmental, Inc.*; Ph: (760) 757-7711; megggers@egggersenv.com

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PUBLICATIONS–Lowell Lindsay; *Sunbelt Publications*; Ph:(619)258-4911 x111; fax (619)258-4916; llindsay@sunbeltpub.com

WEBMASTER – Carolyn Glockhoff; Ph: (858) 549-3396; carolyn@caro-lion.com

SPEAKER: Monte Marshall

Monte (The *REAL* one!!) received his bachelor's degree in geology from SDSC in 1966. He went on to Stanford and received his Ph.D. in geology and geophysics in 1971. For the next 4 years he worked in the Paleomagnetism Lab at the USGS in Menlo Park. In 1975 he moved back to San Diego and began teaching and research at SDSU. From 1975 to 2001 he taught structural and petroleum geology, plate tectonics and paleomagnetism, and geophysics--and also rocks for jocks, on occasion. His research involved regional translations and rotations using paleomagnetism, and the study of the faults of the San Diego area using detailed gravity surveys. After retiring in 2001, he has continued to teach at SDSU in the spring semester, and travel on various expeditions in the summer and fall.

SUMMARY:

GEOLOGY, GIANT STATUES, AND THE NATURAL HISTORY OF EASTER ISLAND AND THE ISLANDS OF FRENCH POLYNESIA, SOUTHEASTERN PACIFIC OCEAN

Illustrated with beautiful slides, this talk will begin some 3,000 miles west of Chile with the geology and Polynesian culture of Easter Island--its beginning about 200 A.D., the great statues carved at its peak about 1,000 A.D., and its decline, probably due to resource mismanagement, just prior to European contact. Crossing the Nazca-Pacific Plate Ridge, we will then sail to Pitcairn Island and its associated islands to discover their geology and current inhabitants, the descendants of the mutiny on the *Bounty*. After exploring the surface and underwater sights of some of the largest atolls in the world, the great atolls of the Tuamotu Group, we will visit the majestic volcanic crags and archeological sites of the Marquesas Islands.

PRESIDENT'S TIDBITS:

- **The Bali Hai was selected once again this month to compliment the theme of the talk. Dr. Monte Marshall is an excellent speaker and always has great topics. Please plan on attending this month's meeting. I especially want to encourage those members who have not attended a meeting in a while.**
- **Reservations. PLEASE make a reservation if you plan on attending. And if you make a reservation, please show up. More and more restaurants are requiring dinner guarantees for large groups. In November we had 44 reservations and 22 walk-ins totaling 66 dinners. We were fortunate that that restaurant could accommodate us. Last month we had 56 reservations and only 46 showed up. SDAG purchased 10 meals...Nuff Said.**
- **Holocene Run. Is there any interest in doing a Holocene (10K) run as a group? There are lots of 10K (6.2 miles) running events in San Diego. A 10K takes about an hour to run. If there is interest, perhaps we could challenge ASCE as a group? Please email me if you are interested.**
- **Mini-Field Trips. There are many one-stop geologic features in San Diego County just waiting for us. I already have several One-Stop Wonder suggestions by SDAG members. The idea is to meet at a OSW on a Saturday morning with a cup of Java in hand and pontificate over the observed features. Perhaps every other month?**
- **Sunbelt Saturday. Sometime this spring (TBA) we are planning a Sunbelt Saturday. The idea is to meet at a OSW followed by a visit to the Sunbelt Bookstore. There, Sunbelt has agreed to open their doors and provide a discount on their books and stuff to SDAG members. We will have a BBQ lunch in the parking lot with beverages. The lunch will be provided at a nominal fee. We will find sponsors for the beverages.**

2004 CORPORATE SPONSORS - THANK YOU!!

A significant portion of the SDAG operating and scholarship budget is provided by corporate sponsorship. Please consider becoming a Corporate Sponsor for 2004! In addition to monthly recognition for your contribution, you will be entitled to a free Internet "link" from the SDAG Website, and all Corporate Sponsors are listed in the front of the annual SDAG Field Trip Volume.

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ANNOUNCEMENTS:

If you haven't renewed your membership, please do it this month!

SDSU GEOLOGY DEPARTMENT SEMINARS for 2004

Departmental Seminars on Wednesdays. <http://www.geology.sdsu.edu/seminars/>

SDSU GEOLOGY ALUMNI FIELD TRIP

This year's annual field trip will be April 3rd and 4th to the Coyote Mountains just north of Ocotillo, CA. Dr. Monte Marshall will present information on the paleo-mag work that has been done in the area as kind of a field exercise with handouts should you wish to participate. Contact **Joe Coronas (858) 492-5034** (days) for further information. Field trip flyers should be available at the February and March SDAG meetings.

SDAG Historical Geologic Map Archive

Out-of-print geologic maps are becoming rare. SDAG proposes to create an electronic archive of San Diego area geologic maps. We would like member suggestions. Maps should be regional in scale (covering 7.5-minutes or more), and in the public domain. Please contact **Greg Cranham** at (619) 521-0165 x108 or gcranham@hargis.com, or **David Bloom** at david.bloom@navy.mil or (619)524-6967.

SDAG NEWSLETTER IS DIGITAL! If we don't have your e-mail address, or your email address changes, or if you have problems with the electronic format please contact **David Bloom** at 619-524-6967 OR david.bloom@navy.mil.

SDAG Wear: - Monte (Murbach) has a variety of shirts, hats, visors and even a nice vest with the SDAG logo. A small selection is available for purchase at meetings; all SDAG wear can be ordered from Monte.

For more variety and impact with Power Point presentations and speeches, call SDAG Member **Russ Daubert**, Professional Communication Training at (619) 938-0429. Email: procommtraining@cox.net

DO YOU HAVE AN ANNOUNCEMENT?? Do you have an event, job opening, field trip or other announcement you would like to share with our members?? Just call or email our SDAG Secretary, **David Bloom** at 619-524-6967 OR david.bloom@navy.mil

JOB OPENINGS!

Professional Service Industries, Inc., as a company and as individuals, has a clear vision of the future and our place in it. We seek individuals who "Choose To Lead" in the geotechnical and environmental professions - people who can step-up and make an impact in the marketplace and at job sites with their professionalism, integrity, dedication, and technical abilities. We seek to hire and retain the best and brightest people available. PSI's diverse client base offers an excellent opportunity to gain experience in a wide variety of project types and an outstanding career opportunity with our company. We are currently seeking **Staff and Project Geologists for our San Diego office**. Requirements: * Degree in geology or environmental sciences preferred. * 0 – 2 years experience required for Staff level * Minimum 2 years experience required, California RG, CHG, or CEG preferred for Project level
Responsibilities: The positions include responsibilities in field data collection and analysis, report writing, client interface, business development, and project management. Most projects are within 50 miles of our San Diego office. PSI has over 140 offices nationwide with 3,000 employees. We offer a competitive salary and comprehensive benefits package. PSI is proud to be an Equal Opportunity Employer EOE M/F/D/V. Fax Resumes Attention: Human Resources, at 858-455-1170. 0104

TRC is a leading national engineering and consulting firm specializing in environmental management. The TRC San Diego regional office is seeking **GEOLOGISTS** and **HYDROGEOLOGISTS** with environmental training and experience for our San Diego regional office. Positions available for **ENTRY LEVEL** and **2 TO 3 YEAR** experienced professionals. Broad based duties may include preparation of cost estimates, workplans and permits; scheduling and oversight of utility locating, geophysics, excavation, driller, and construction subcontractors; geologic and hydrogeologic interpretation from soil borings, excavations, trenches and monitor wells; installation of groundwater and vadose zone wells; sampling of groundwater, soil and soil gas; remediation feasibility testing, design, construction and implementation; data analysis and report preparation; and project and budget management. Please send resume to: TRC 9471 Ridgehaven Court, Ste. E, San Diego, CA 92123. E-Mail: hrsandiego@trcsolutions.com FAX: (858) 505-9515. Please visit our web site at www.trcsolutions.com. (0104)

Kleinfelder is seeking a **Senior Environmental Engineer for their Temecula office**. Qualifications: Job Code #292: Seeking individual with management experience (personnel and projects). Positions require BS degrees in civil, chemical, mechanical, or environmental engineering; MS degrees with EIT, PE, or certification preferred. Ten plus related experience required. To submit a resume online, go to Kleinfelder.com and click on "Careers". (1203)

AQUI-VER, INC. (AVI) is looking for individuals who will build and develop a problem solving team that leads by example. This team will evaluate, design, implement, and execute leading edge assessment and remediation programs that emphasize site mitigation, property utilization and redevelopment. Located one block from La Jolla's beautiful Wind and Sea beach, AVI

specializes in quantitative analysis of hydrogeologic and environmental problems that includes the design of cleanup systems, contaminant transport evaluations, environmental risk quantification, and other related services. Our firm is recognized for its unique science capabilities and strict adherence to a quality work and science ethic. See our web site for more information: www.aquiver.com.

FULL-TIME WORK, ENTRY LEVEL: AVI is looking for technically oriented individuals with strong analytical and problem solving skills. A degree in the earth sciences, mathematics, chemistry, or geography is required. We are looking for individuals who know how to map and interpret information, and are competent in one or more mapping programs (e.g., AutoCad, ArcView, Surfer, etc.), as well as good working skills with Microsoft Excel and word processing. Report writing skills are also of strong value, as is experience in the environmental consulting industry (though not needed).

FULL-TIME WORK, SENIOR LEVEL: AVI is looking for individuals who will build and develop a problem solving team that leads by example. This team will evaluate, design, implement, and execute leading edge assessment and remediation programs that emphasize site mitigation, property utilization and redevelopment. **Description:** Regular, high level communication with state and federal regulators on behalf of client base. Project management, data evaluation, and formulation and presentation of coherent arguments founded and supported by scientifically rigorous, and technically detailed analysis. Steward budgets, deliverables, and the team. **Qualifications:** MS or Ph.D. in earth sciences, hydrogeology, chemistry, physics, or related field. Good computer skills and comprehension of digital information. Competent in one or more mapping programs (AutoCad, ArcView, Surfer, etc.), as well as good working skills with Microsoft Excel and word processing. Strong leadership skills, report writing skills, and an ability to articulate science information in direct and simple terms are also highly desirable.

Please send resumes by E-mail or fax to Ms. Lori Bautista; 858 729-6564, lbautista@aquiver.com. Starting wages depending on skills, background, experience and time commitment, with flexible hours, above industry standard. Professional advancement is likely for those qualified people that want to move forward with a career, with commensurate salaries and business opportunities. (1203)

San Diego Association of Geologists
c/o David M. Bloom
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