

SAN DIEGO ASSOCIATION OF GEOLOGISTS

www.sandiegogeologists.org

SDAG MEETING ANNOUNCEMENT

WEDNESDAY, May 15, 2013

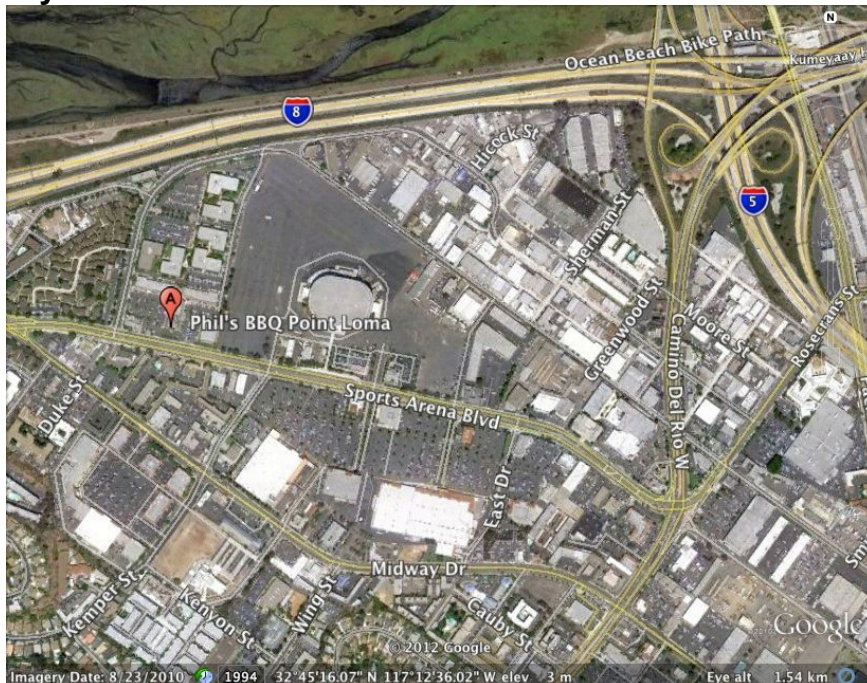
ANTARCTICA AND THE SCOTIA ARC

Presented by

Jonathan Goodmacher

- Where:** **Phil's Barbecue Point Loma**
3750 Sports Arena Boulevard, San Diego, 92110
(619) 226-6333
- When:** 5:30 pm – Social Hour
6:30 pm – Dinner
7:15 pm – Program
- Dinner:** Choice of Baby Back Ribs, Chicken, or Veggie Burger. Includes sweet baked beans and fresh coleslaw.
- Cost:** \$30 per person, \$5 discount for members, STUDENTS: \$20. Add \$5 if you did not make a reservation.

Reservations: Make your reservation online at www.sandiegogeologists.org no later than noon, Friday, May 10th.



**RESERVATIONS CANNOT BE GUARANTEED AFTER FRIDAY AT 12 NOON,
BUT THEY ARE ALWAYS PREFERRED OVER WALK-INS**

SPEAKER ABSTRACT

Jonathan Goodmacher

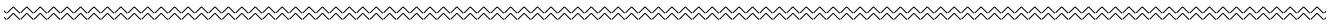
Antarctica and the Scotia Arc: a Geologic Expedition to the South Atlantic

2013 is the year that the Geological Society of America (GSA) celebrates its 125th Anniversary. The GSA has grown from its North American base with an initial membership of 100 to an international organization of some 25,000 members in more than 100 countries.

The GSA kicked off its 125th anniversary year with an expedition to Antarctica on the ship Akademik Ioffe. The expedition "Travels in Geology — Antarctica and the Scotia Arc: Tectonics, Climate and Life" focused on the geology, wildlife, and history of the Antarctic and Southern Ocean. I was lucky enough to be able to attend this expedition and participate with the approximately 100 other geoscientists in learning from trip's scientific leaders and lecturers, Ian Dalziel, Richard Alley, Rob Dunbar, and Rudolph Trouw. My presentation will focus on several areas of interest including the tectonics, geology, biology, and climate change. There will be pictures of penguins!

SPEAKER BIO

Mr. Goodmacher is a State of California Professional Geologist and Certified Hydrogeologist and Engineering Geologist. He has over 20 years experience working in the field of environmental and engineering geology and hydrogeology. His most recent "regular job" was with Ninyo & Moore in San Diego as Manager/Principal Geologist. Currently, he is working as a senior consultant to several other firms in the San Diego and northern California areas. Jonathan received his Bachelors of Arts in Geology (they didn't have a BS!) from San Francisco State University in 1987 and his Master of Science Degree Geology from San Diego State University in 1990.



SDAG MEETING SCHEDULE - Mark Your Calendars!

Meetings are usually on the 3rd Wednesday of the month but may change to accommodate speaker and meeting place schedules. Check here for updates.

June 19 th , 2013	Dr. Pat Abbot (Joint Meeting with SCGS)
July 17 th , 2013	Jill Krezoski - Mars
August 21 st , 2013	Dr. Tom Rockwell



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PRESIDENT'S CORNER

Hello Everyone:

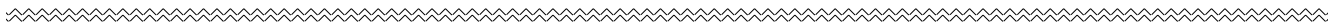
I hope you are all having a happy spring!

Last month we had the privilege of hearing from our scholarship winners. This well-attended meeting was a lot of fun, and I would like to thank everyone for their support.

This month we will hear from Jonathan Goodmacher about his adventures with the Geological Society of America Field Expedition to the Scotia Arc and the Antarctic Peninsula. This exciting talk will be at the ever-popular Phil's BBQ at Sports Arena. We will be in their meeting room where there is an excellent presentation system and ample parking!

See you there!

Cari Gomes
2013 SDAG President



ANNOUNCEMENTS

CALL FOR ARTICLES! SDAG invites members to submit articles on their current research or an interesting project they are working on for publication in the monthly newsletter. The article should be no more than 1 page in length. Photos are welcomed, too. Please submit articles to the SDAG secretary via email.

CALL FOR PHOTOS! SDAG invites members to submit photographs of an interesting geologic feature for publication in a new section of the newsletter – “Photo of the Month”. Please submit your photo along with a caption to the SDAG secretary via email.

SDAG RESEARCH TOOL A comprehensive listing of all papers published by SDAG, whether as annual field trip guidebooks or special publications, is now available on our website. Entries are sorted by primary author, or chronologically by date of publication, from our first guidebook in 1972 (40 years ago) to all things Picacho in 2011. These can be accessed or downloaded as .pdf files. They are fully searchable in Adobe Reader or Acrobat, so if you are researching a topic, "tsunami" for example, you can search for that keyword. This listing will be updated as new books are published. Thanks to Greg Peterson and Hargis + Associates, Inc., for making this possible. See the links below:

http://www.sandiegogeologists.org/SDAG_Pubs_authors.pdf

http://www.sandiegogeologists.org/SDAG_Pubs_chronological.pdf

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## **JOB OPENINGS**

### **Geologist/Hydrogeologist III**

Brown and Caldwell currently has an opportunity for a staff level Geologist/Hydrogeologist to join our staff in Los Angeles, California. The selected candidate will have the opportunity to work with strong, nationally recognized, senior technical staff on various environmental and water resources related projects.

The Geologist III performs geological/ hydrogeological work while providing field task-level and project level support within our environmental and water resource practices. This position is responsible for making independent decisions, conducting and participating in environmental studies, and preparing environmental reports. The Geologist III collects, tests, and analyzes samples, as well as compiles and records testing and operational data for review and further analysis. Candidate will perform work requiring full professional competency and with considerable latitude to make independent decisions.

#### Responsibilities:

- Provides geological or hydrogeological support on a variety of environmental services and water resources projects.
- Applies geologic knowledge to conditions that affect planning, design, construction, operation, and safety of engineering projects.
- Conducts and manages field investigation activities, including installation of soil borings, monitoring well installations, collection of soil and water samples, installation of vapor probes and collection of vapor samples, and preparation of planning documents and investigation results reports.
- Oversees drilling subcontractors, lithologic logging of soil, interpretation of geologic depositional environments and hydrogeologic conditions.
- Conducts well and aquifer testing.
- The ability to work with and utilize GIS applications, database management, and/or groundwater modeling software a plus.
- Performs data collection and documentation related to field activities, including site investigation (soil and groundwater), sampling of surface water and storm water, and stream flow monitoring.
- Oversees design, maintenance and operations of remediation systems.
- Conducts additional environmental compliance services.
- Participates in the preparation of technical memoranda, reports and design documents such as quarterly groundwater monitoring reports, compilation of data into spreadsheets, and preliminary cost estimations.

#### Position Requirements:

M.S. degree and 4 years of professional geological or hydrogeological experience or B.S. degree and 6 years of professional geological or hydrogeological experience.

- Professional Geologist (PG) License in the State of California or the ability to acquire one within 12 months of hire.
- OSHA 40 hour HAZWOPER training certification.
- Demonstrated skills in conducting environmental investigations, including but not limited to installation of soil borings and monitoring wells, collection of soil and groundwater samples

from various types of geologic formations, and geologic interpretation of soil and rock samples.

- Requires working knowledge of various types of drilling technologies and environmental media sampling methodologies.
- Requires excellent verbal and written communications, including technical writing capabilities.
- Excellent geological interpretation and lithologic identification skills.
- Field assignments require extensive travel year-round with overnight stay outside of the Southern California Metro area, potentially for extended periods of time.
- Field assignments require ability to perform physically demanding work.

This position is subject to a pre-employment background check and a pre-employment drug test.

We offer a competitive salary and benefits package. Please visit our Web site at [www.brownandcaldwell.com](http://www.brownandcaldwell.com) to apply online and for additional career opportunities. We value workforce diversity. EOE/AA

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**EXPERIENCED CHEMIST FOR DATA REVIEW** H&P is looking for an experienced analytical chemist for a part time position to review analytical data reports. The position requires a complete understanding of EPA Methods and other regulatory methodology in compliance with Quality Assurance Programs and SOP's to validate and review data for accuracy. Experience and working knowledge of LIMS Systems will also be required. This position is located in our Carlsbad, CA office.

This chemist will perform a comprehensive review of all analytical data generated by the various testing methods in our fixed base and mobile analytical laboratories and will confirm that all quality assurance objectives have been met prior to releasing analytical data to clients and end user of the data to ensure it's quality as well as support all facets of the data review process.

Requirements:

- A Bachelor's Degree in Chemistry.
- Prefer at least 5 year's experience performing data review.
- A working knowledge of EPA Method 8260B, TO-15 and other EPA Methods
- Experience with LIMS system.

We are pleased that you are seeking employment with H&P Mobile Geochemistry, Inc. (H&P). Applicants are considered without regard to race, color, sex, or national origin, or any factors prohibited by local, state, or federal law. We are proud to be an Equal Opportunity / Affirmative Action Employer.

Please email or fax resume, salary requirements and best time you can be reached: [michele.luna@handpmg.com](mailto:michele.luna@handpmg.com) or fax resume to 760-804-9159.

## **SEEKING JOB OPPORTUNITIES**

**Qualifications Summary and Objective:** I have 14 years experience directing surface water quality monitoring programs with a proven record of excelling in monitoring plan implementation, quality control, public notification and continuous improvement in operational effectiveness and efficiency. I have built and maintained relationships with key staff in academia, industry, and all levels of government in San Diego and California. I have a widely applicable skill set which includes: analytical thinking, communication and writing skills, data analysis and management, inter and intra-agency project coordination, and staff supervision and training. My objective is to obtain a career position with an industry leader where I can contribute my skills to build the success of my employer as well grow professionally. Detailed work experience, education and more at [www.linkedin.com/in/cbclifton2010](http://www.linkedin.com/in/cbclifton2010). Email [cbc2006@cox.net](mailto:cbc2006@cox.net) or 619-964-1776.

Contact: Clay Clifton

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**ENGINEERING GEOLOGIST-** California PG, MS Geology, over 13 years of applied geotechnical experience, proficient in geotechnical investigations, hazard evaluations, geophysical surveys, construction management and quality control, engineering analyses, special interest in earthquake-hazard and seismic design related applications, strong problem-solving and organizational skills. Detailed resume upon request: Anna, 201-407-7461, [Afyodorova103@gmail.com](mailto:Afyodorova103@gmail.com)

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**ENTRY-LEVEL ENVIRONMENTAL SCIENTIST** - I am a recent UCSB graduate with a double major in Environmental Studies (BS) and Geology (BS, Earth Systems emphasis) who is looking to begin a career in environmental consulting. I have prior lab experience in both professional and academic settings. I am looking to establish myself with a passionate and hard working environmental firm in the San Diego region. For further information about my credentials and work experience please contact Georgi Chertkov at [georgichertkov@gmail.com](mailto:georgichertkov@gmail.com) or call me at 505-412-3107.

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Request for Sponsors: 2013 SDAG/SDGS and Publication SPONSORS

On behalf of the San Diego Geological Society, Inc. (SDGS), a public benefit 501(c)3 nonprofit educational corporation, we would like to request tax deductible Donations at our San Diego Association of Geologists (SDAG). The list of paid Sponsors and the forms to become a Sponsor are located on the SDAG web site at: <http://www.sandiegogeologists.org/Sponsors.html>. Your donation will further the SDGS mission to promote geology and related fields in the greater San Diego region, operating through the San Diego Association of Geologists (SDAG), a committee of SDGS. To achieve our primary educational objective, we organize frequent field trips and maintain a program of monthly meetings featuring speakers on current geological topics. We also publish field trip guidebooks and other publications related to geology and natural history. We encourage scholarship and research by awarding scholarships from the elementary through graduate levels. With your \$100 "EMERALD" donation, your name/business will be listed as a sponsor on the SDAG web site (<http://www.sandiegogeologists.org/>) and in the monthly SDAG meeting newsletters. With your \$500 "RUBY" or \$1,000 or more "DIAMOND" level donation, your business card will also be included on the SDAG web site and in the monthly SDAG meeting newsletters. In addition, as a "\$1,000 or more DIAMOND" level donation you will be presented with a thank you plaque. Should you have any questions regarding a Sponsorship, please contact our non-profit SDGS Secretary (Diane Murbach) at 619-865-4333.



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As a client service organization, we pride ourselves in being attentive and efficient in meeting our client's needs and solving their problems. In addition to our technical expertise, communication and responsive coordination are hallmarks of our reputation.

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Contact: **Steve Zigan**



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