

SAN DIEGO ASSOCIATION OF GEOLOGISTS

www.sandiegogeologists.org

SDAG ANNUAL HOLIDAY MEETING ANNOUNCEMENT Wednesday, December 21, 2005

THE YEAR IN BONES! UPDATE ON PALEONTOLOGICAL RESEARCH AND DEVELOPMENTS IN SAN DIEGO

presented by

Tom Deméré, Ph.D.

San Diego Natural History Museum

Where: San Diego Natural History Museum
1788 El Prado, Balboa Park
San Diego, CA 92112
619-232-3821



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

Directions: Located in Balboa Park, near the intersection of Park Boulevard and Village Place, just south of the San Diego Zoo. Enter through the grand new entrance on the north side, facing the large Morton Bay fig tree.

Dinner: Wonderful Mexican appetizers and buffet - made for us by our friend Mr. Mendoza at Taco Express!

Cost: \$25.00 per member and guests, \$15 for students. *Please add a \$5 donation for the museum.* Add \$5 if you did not make a reservation.

Reservations: Make your reservation online at www.sandiegogeologists.org or call the SDAG Reservation Hotline at (619) 255-8380, **no later than 9:00 a.m. Monday, December 19th**.

RESERVATIONS CANNOT BE ACCEPTED AFTER Monday AT 9 AM.

2005 EXECUTIVE COMMITTEE

PRESIDENT - Margaret R. Eggers; *Eggers Environmental, Inc.*; Ph: (760) 757-7711; megggers@egggersenv.com
VICE PRESIDENT - Phil Farquharson; *CG-Squared Productions* Ph(619)224-8463 fax(619)255-8380 geoguy@cg-squared.com
SECRETARY - David Bloom; *Anteon*; Ph: (619) 571-3470; secretary@sandiegogeologists.org
TREASURER - Sarah Gray; *University of San Diego*, Ph: (619) 260-4098; fax: (619)260-6874; sgray@san Diego.edu
PUBLICATIONS - Lowell Lindsay; *Sunbelt Publications*; Ph:(619)258-4911 x111; fax:(619)258-4916; llindsay@sunbeltpub.com
WEBMASTER - Carolyn Glockhoff; *Caro-Lion Enterprises*, Ph: (858) 549-3396; carolyn@caro-lion.com

BIOGRAPHICAL SUMMARY: TOM DEMÉRÉ, PH.D.

As Curator of Paleontology, Dr. Deméré has occupied the Joshua L. Bailey, Jr. Chair of Paleontology at the Museum since 1994. Before that he served as Collection Manager in the department. Tom's research focuses on the evolutionary history and paleobiology of pinnipeds and cetaceans. He is also keenly interested in the geology and paleontology of southern California and Baja California and has published numerous scientific and popular articles on these subjects.



- from <http://www.sdnhm.org/research/paleontology/demere.html> where more info on Tom's activities, interests, publications can be found.

SUMMARY:

THE YEAR IN BONES! UPDATE ON PALEONTOLOGICAL RESEARCH & DEVELOPMENTS IN SAN DIEGO

Tom will speak on recent fossil discoveries in the San Diego area. An IMAX film will follow his talk.

PRESIDENT'S CORNER:

Happy Holidays and Happy New Year to everyone! The past 4 years just flew by and so I end my service as an SDAG Officer this month. If you haven't already served as an SDAG Officer, please consider doing so.

December also marks the time when we award our SDAG scholarships to a senior and/or Masters student. The support of our Corporate Sponsors really makes this possible. We would like to express our gratitude to all our corporate sponsors, many of whom are independent professionals. THANK YOU!!!

I would also like to personally thank all my fellow officers, with a special Thank You to Phil Farquharson who has been such a big help the last three years, and will be our NEW President for 2006. If you have any speaker suggestions for this coming year, please let Phil know.

A special thank you also to Phil, David Bloom, Diane Murbach and Monte Murbach in helping to finalize the great SDAG field trip this year. Working with the railroad folks proved to be a daunting challenge and thanks to their efforts, not only did we have a great field trip but have established a good relationship with the railway for future possible rail-related adventures.

A special Thank You also to Lowell Lindsay. Lowell and his staff at Sunbelt Publishing distribute and sell our field guides which brings us additional income. They have also helped the SDAG have some of the best annual field guides of any regional organization! And Thank You too to Carolyn Glockoff of Caro-lion Enterprises who manages our SDAG website. Thanks to Carolyn, the website is always up to date and working (<http://www.caro-lion.com>).

And finally, thank you for letting me be an SDAG officer. It's been a great time – and I'm looking forward to sitting back and just hanging out at future meetings! Merry Christmas, Happy Chanukah, and warm wishes for 2006!

Sincerely,

ANNOUNCEMENTS:

The annual **Sunbelt bookstore** will be open at the December meeting with a selection of old favorites and new releases for stocking stuffers.

2006 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!

January 18	Gary Peterson: Another explanation for the Capture of the Moon at Emiliano's
February 15	Doug Stephenson: Geology of the Picacho area at Tom Ham's(?)

Congratulations to our 2005 SDAG student scholarship recipient.

Jamie Ward is pursuing her Masters of Science degree in Marine Science at the University of San Diego. She hopes to complete her thesis, entitled "Cadmium variation in *Porites lobata* corals on the Kona Coast of Hawaii" in 2006. Jamie received her Bachelor's Degree at Salsbury University in Maryland. She became interested in coral reefs as an undergraduate when she studied abroad at James Cook University, Townsville, Australia, and visited the Great Barrier Reef. The focus of her graduate research has been to understand how metals in coral skeletal aragonite can trace environmental conditions. Coral trace metals have been used as proxies to measure past sea-surface temperature and productivity. Coral cadmium concentrations have been used to reconstruct the history of past El Niño events. However, in order to use coral trace-metal proxies for paleoceanographic reconstructions, it is important to understand the factors that control their variability in modern environments. As a MS student, Jamie has done field work in the coral reefs in Veracruz, Mexico, has taught laboratories for the Marine Science Department, and worked as a science educator at the Stephen Birch Aquarium and Aquatic Adventures.

We look forward to her presentation at a Spring SDAG meeting.

Janet and Gordon Gastil will be at the Holiday Meeting on 21 December to sell and sign their new book "Follow the Sun." This is an intriguing work of historical fiction that takes readers on an epic journey of exploration, danger, and discovery around the world in the time of the Pharaohs, using plausible methods of transportation and navigation.

Annual conference of the California Mission Studies Association (CMSA) will be held at **Mission San Diego on February 17-19, 2006**. The Friday evening program will include a keynote address by engineering experts on seismic damage and proposed retrofitting to Mission San Miguel. Saturday's program will be a series of talks on the history, ethnology and archaeology of various California Missions and other Spanish colonial settlements. The Sunday program will be a series of short field trips around San Diego County, including a walking tour of the Mission Dam and Flume system in Mission Trails Regional Park led by Bill White and Greg Cranham (reference the 1999 SDAG field volume). Registration materials and other information is also available at the CMSA web site, <http://www.ca-missions.org/conf.html>. SDAG members welcome -- see you there! - Greg Cranham

GSA GeoHostel: **The Tectonic Development of Southern California**, from the Beaches of San Diego to the San Andreas Fault, **11–16 March 2006**, Best Western Seven Seas, San Diego, Best Western Date Tree Hotel, Indio, (5 days, 6 nights). Scientific Co-Leaders: Monte Marshall, SDSU, Emeritus. Mario V. Caputo, Mt. San Antonio College, Walnut, California. Michael J. Walawender, SDSU, Emeritus. US\$1495 for GSA members; US\$1545 for spouses; US\$1595 for nonmembers. – November 2005 GSA Today

The national **Association of Earth Science Editors (AESE)**, a GSA affiliate organization, will be holding their 40th annual meeting in San Diego in November 2006. The mission of AESE is to enhance the communication of earth science information. Membership is \$35/year and offers a Web page to members who freelance for scientific and education publications. www.aese.org for further information.

ANNOUNCEMENTS (CONTINUED):

Thank you SDAG Corporate Sponsor Sherry Bloom, Coldwell Banker Real Estate for use of printer and copy machine to produce this newsletter!

DO YOU WANT TO GET MORE INVOLVED WITH SDAG? Consider bring an officer! We hold our officer election at the December meeting. Let any of the current officers know you're interested. Call or email our SDAG Secretary, **David Bloom** at 619-571-3470 OR secretary@sandiegogeologists.org, or contact any of the other officers. Contact info is at our website: www.sandiegogeologists.org.

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 619-571-3470 OR secretary@sandiegogeologists.org.

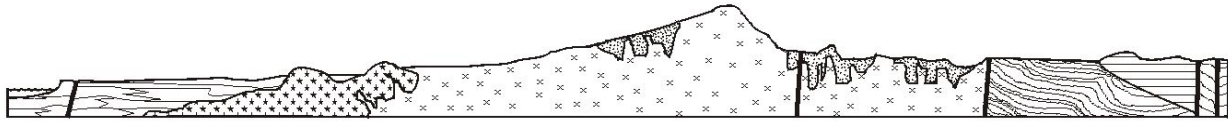
2006 SDAG Membership form is included in this newsletter. Please consider renewing for 2006. It is our active membership that makes SDAG able to do what we do: monthly presentations at dinner meetings, annual field trip, student scholarships, publications, education sponsorship, half-day and full-day field trips and other activities.

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 the meetings; all SDAG wear can be ordered from Monte.

2005 CORPORATE SPONSORS - THANK YOU!!

Corporate sponsors provide a significant portion of SDAG's operating and scholarship budget. In addition to monthly recognition for your contribution, you are entitled to a free Internet "link" from [SDAG's Website](#). We also list Corporate Sponsors in our annual SDAG Field Trip Volume. **Please consider SDAG sponsorship in 2006!**

Ninyo & Moore , Jonathan Goodmacher	Lowell Lindsay, Sunbelt Publications
Katherine Freese	Lee Vanderhurst, Geotechnics, Inc.
Hargis + Associates, Inc. , Mike Palmer	David and Jan Steller
Southwest Geophysics, Inc.	Phil Farquharson, CG-Squared Productions
Dr. Margaret Eggers Eggers Environmental, Inc.	Sue Tanges, Southland Geotechnical Consultants
Joe Coronas, City of San Diego	John Hoobs - Geocon, Inc.
Donald Sorben	Monte and Diane Murbach
William J. Elliott, Engineering Geologist	Carole L. Ziegler
Geopacifica, Inc. - James Knowlton	Vinje & Middleton Engineering, Inc
John Peterson, Peterson Environmental Services	Tom Rockwell, Earth Consultants International
Pat Brooks and Julie Crosby	Laura Maghsoudlou, EnviroMINE, Inc.
Dr. Monte Marshall	Dr. Anne Sturz
Dr. Richard Berry	Carolyn Glockhoff , Caro-Lion Enterprises
First National Oil, Inc.	Sherry Bloom , Coldwell Banker Real Estate
GeoSoils, Inc. , Robert Crisman and John Franklin	Fugro West, Inc. / Fugro Pelagos, Inc. – Jerry Wilson
Robert Walters Equipment Rental	Helenschmidt Geotechnical, Inc.
Christian Wheeler Engineering	Geotechnical Exploration, Inc.
Dr. Sarah Gray - University of San Diego	Doug Peeler, Bechtel Environmental, Inc.



SAN DIEGO ASSOCIATION OF GEOLOGISTS

www.sandiegogeologists.org

2006 MEMBERSHIP FORM

NAME: _____

Please type or print clearly, and check your chosen delivery address below.

Home Address: _____

Include in directory _____

Work Address: _____

Include in directory _____

Please include company or other affiliation

Preferred Mailing Address (Check One): Home Work

E-mail Address: _____
Check box for email delivery

Website: _____

Field(s) of Interest: _____

Phone: Home: () _____ Work: () _____ Cell: () _____

Dues:	_____ Student Member (email delivery only)	\$ 5.00
(check choice)	_____ Student Member (add US mail delivery)	\$ 10.00
	_____ Regular Member (email delivery only)	\$ 15.00
	_____ Regular Member (add US mail delivery)	\$ 20.00
	_____ Corporate Sponsor (<input type="checkbox"/> email + <input type="checkbox"/> US mail delivery)	\$100.00

New Member Continuing Member

Date: _____ Check for change of mailing address:

Please enclose a check payable to SDAG, and mail to:

Sarah Gray
Marine and Environmental Studies Department
University of San Diego
5998 Alcalá Park
San Diego, CA 92110

JOB OPENINGS!

Hargis + Associates, Inc., a San Diego based consulting firm specializing in **hydrogeology and engineering**, and **SDAG Corporate Sponsor** currently has opportunities in our San Diego, California office. We are currently looking to fill the following positions:

Staff Engineer: Candidate would have a B.S. Degree in Chemical, Civil, or Mechanical Engineering, EIT Certification and/or a Masters Degree is a plus. Only entry level candidates will be considered. Candidate should possess strong writing and presentation skills. Position will be based in San Diego, California, and will require some travel and field work. OSHA 40-hour training preferred, but not mandatory.

Project Hydrogeologist: Candidate would have a B.S. Degree in Geology, and 5 to 7 years relevant experience, including experience with sampling, well installation, work plan and report preparation, project management, cost estimating and scheduling. California Professional Geologist (PG), or ability to obtain within one year preferred. Masters degree or computer groundwater modeling experience is a plus. Candidate should possess strong organizational, writing and presentation skills. Position will be based in San Diego, and will require some travel and field work. OSHA 40-hour training required.

Hargis + Associates offer competitive salaries and benefits, and a challenging work atmosphere. Hargis + Associates is an Equal Opportunity Employer. To learn more about Hargis + Associates, please visit our website at: www.hargis.com.

No phone calls please. Qualified candidates should send resumes, along with a cover letter summarizing experience and salary requirements to:

Hargis + Associates, Inc.
Attention: Phil Rosenberg
2365 Northside Drive, Suite C-100
San Diego, CA 92108



PROFESSIONAL GEOLOGIST

Rincon Consultants, Inc. is an environmental sciences, planning, and engineering consulting firm with offices in Ventura, San Luis Obispo, and Carlsbad, California. The firm, a leader in environmental impact assessment, planning, biological resources, and soil assessment and remediation, seeks a **Professional Geologist** to work from the **Carlsbad** office.

THE DUTIES OF THE PROFESSIONAL GEOLOGIST MAY INCLUDE:

- Supervise periodic Phase I and Phase II environmental assessments
- Supervise the investigation, assessment, design, and remediation of contaminated soil or groundwater
- Supervise field mapping, borehole logging, and aerial photographic analysis
- Supervise subsurface investigations for residential, commercial, and public work projects
- Write, review, and approve technical reports and proposals
- Manage projects: job assignment, tracking, coordinating, meetings, and scheduling; guideline and permit enforcement; troubleshooting; etc.
- Develop new business

REQUIREMENTS:

- BS or higher in Geology or Engineering
- California PG license
- 5-10 years supervisory and environmental project management experience
- OSHA health and safety training for hazardous waste sites
- Excellent verbal and written communication skills
- Well-organized, analytical, hard-worker, and good team player/leader

TO APPLY:

E-mail your Microsoft Word cover letter and resume to Julie Marshall at jmarshall@rinconconsultants.com

**San Diego Association of Geologists
c/o David M. Bloom
3728 Mt. Almagosa Place
San Diego, CA 92111**