

SAN DIEGO ASSOCIATION OF GEOLOGISTS

www.sandiegogeologists.org

SDAG MEETING ANNOUNCEMENT WEDNESDAY, SEPTEMBER 16th, 2009

Detachment Faulting on the East side of the Hualapai Mountains Arizona

Presented by

George Morgan, Geologist

Where: **Emiliano's Mexican Restaurant** (Overlooking Admiral Baker Golf Course)
6690 Mission Gorge Road
San Diego, CA 92120
(619) 284-2460

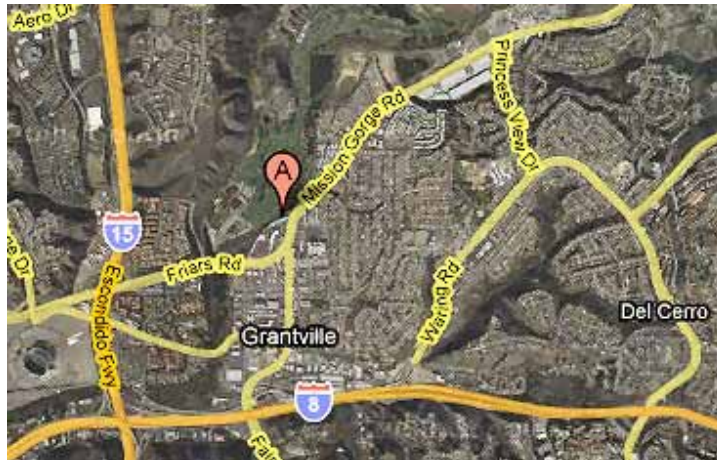
When: 5:30 pm – Social Hour
6:30 pm – Dinner
7:15 pm – Program

Dinner: Mexican Buffet. Cash bar.

Cost: \$25 per person, \$5 discount for members, STUDENTS: \$10. Add \$5 if you did not make a reservation

Reservations: Make your reservation **online** at www.sandiegogeologists.org **no later than noon, Monday, September 14th.**

**RESERVATIONS CANNOT BE ACCEPTED AFTER MONDAY AT 12 NOON.
IF YOU DO NOT MAKE A RESERVATION, WE CANNOT GUARANTEE YOU A MEAL.**



2009 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!

October	TBD
November	TBD
December	Annual Holiday Meeting at the S.D. Natural History Museum

2009 EXECUTIVE COMMITTEE

PRESIDENT – Scott Snyder; *Ninyo & Moore*; Ph: (858) 576-1000; sdag2006@prodigy.net

VICE PRESIDENT – Bryan Miller-Hicks; *Cuyamaca College*; Ph: (619) 733-3724 geobry@aol.com ; bryanmillerhicks@gmail.com

SECRETARY – Phil Farquharson; *CG-Squared Productions*; Ph: (619) 224-8463; sdag2009@geology-guy.com

TREASURER – Chuck Houser; *SCS Engineers*; Ph: (858) 571-5500; CHouser@scsengineers.com

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

George Morgan, Independent Geologist

Thumbnail Bio:

George has worked since the late sixties for:

- Tenneco Oil Company, Mineral Division - exploration for borates in the Death Valley area
- Cal-Mexico Project, State of Calif. - studying seismicity along the border area
- Boyle Engineering - hydrogeological studies
- American Mining - mineral exploration.
- Bell Copper - mineral exploration
- And other small mining companies

Detachment Faulting on the East side of the Hualapai Mountains Arizona

On the eastern side of the Hualapai Mountains, Arizona is a previously reported but unmapped detachment fault trending northwest for ~65km+. We refer to this detachment as the Blake Ranch Road Detachment (BRRD). Frost and Heidrick (1996) first recognized the detachment from geophysical data. Mapping from 2007-2009 confirmed the detachment and its eastward dip. The footwall of the BRRD is made up of Precambrian igneous and metamorphic rocks and later Tertiary intrusives. The hanging wall is made up of at least two syntectonic, predominantly west dipping, sedimentary packages that rest unconformably (?) on Precambrian basement and/or Miocene volcanics. The sedimentary packages consist of conglomerates with scattered siltstones and runout debris flows (sturzstroms). Movement on the BRRD appears to have started after the Peach Spring Tuff (18.5 Ma) was deposited and ended during deposition of the Big Sandy Formation (late Miocene).

PRESIDENTS CORNER, SEPTEMBER 2009

We had a very interesting presentation from Dr. Edmund Medley, Jahn's Lecturer on stereoscopic photos and how to view and create your own. It was a very informative talk and Dr. Medley appears to have perfected his art of doing so, entertaining us with some stereo photos he created just prior to the meeting from the local surroundings. Thank you Dr. Medley!

The SDAG annual Field Trip is fast approaching, November 7 & 8, and the cost is \$75, much cheaper than last year in recognition of the state of our economy. This will be another excellent field trip into the San Jacinto Santa Rosa Mountains area, so please do not miss this. If you are or know of any students, please be sure to apply for a scholarship. The cost of the trip for students is \$35, but in some cases we may be able to provide free entry to the trip (we simply ask that students getting a free ride will assist with some chores and duties). See you all there!

There have been a lot of questions and comments regarding the recent State Assembly bill regarding the dissolution of the State Board for Geologists and Geophysicists and incorporation of the geology licensees into the Engineers and Land Surveyors Board. More information will be disseminated at the SDAG meeting and we hope soon to be able to give you more details on what is going on and what you can do to voice your opinion to help effect a positive outcome on this. In the mean time, please contact your state representatives to express your feelings on the matter. As we get information we will pass it along by email and on the SDAG website, as appropriate.

Scott Snyder - SDAG President

2009 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.

Dr. Pat Abbott, SDSU (Emeritus)	Joe Coronas, City of San Diego
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ANNOUNCEMENTS

SDGS/SDAG

As many of you are aware, the San Diego Geological Society (SDGS) was formed early this year as an official non-profit 501(c)3 corporation, and SDAG is now an organization under this corporation. The reasons for doing this were many and they are spelled out in an informational sheet, the Business Plan of SDGS. The officers of SDGS should be very familiar to you, as they are all past presidents of SDAG, as well as me, Scott Snyder, current SDAG President. For those of you that would like to read more about SDGS and what it means to SDAG, check out the informational page on the website. Also check out the website www.sandiegogeologicalsociety.org (Not to be confused with the San Diego Genealogical Society of course...)

CALL FOR PAPERS:

"Mylonitization and associated low angle/detachment faulting in the northern Santa Rosa and southern San Jacinto Mountains, California."

To be published in association with the
2009 San Diego Association of Geologists Annual Field Trip
November 7th and 8th, 2009

Co-organizers:

Bryan Miller-Hicks, Vice President, SDAG
Independent engineering geology consultant
bryanmillerhicks@gmail.com 619-733-3724

Dr. Monte Marshall, Ph.D.
Emeritus Professor of Geologic Sciences, SDSU
mmarshall@geology.sdsu.edu 619-795-9871

SCOPE: Papers addressing topics related to mylonites, geology, structural geology, metamorphism, metasediments, faulting, folding, meta-structures, biology, environmental issues, geography, native American culture, and history of the Deep Canyon, northern Santa Rosa Mountains and southern San Jacinto Mountains

TIMELINE: Email a statement of interest & topic to the co-editors as soon as possible

Manuscripts due: April 15th, 2009
Revised manuscripts due: July 15th, 2009
Target publication date: late September, 2009

For further information, contact bryanmillerhicks@gmail.com or mmarshall@geology.sdsu.edu



"The Ocean, the Wine and the Valley"

An international symposium to honor the life and work of Antoine Badan
November 16-18, 2009. Ensenada, B. C., Mexico



Oceanographers, wine-makers and environmentalists are invited to submit contributed (oral or poster) presentations for this unique, critical-discussion gathering. *Main topics include:* physical oceanography of the Gulfs of Mexico and California, enology and viticulture related to the wines and vineyards of California and Baja California, and environmental sciences with emphasis in the sustainability of the Guadalupe Valley. Special consideration will be given to works related to two or all three of the above topics. Submissions will be accepted until the end of August. Confirmed participants include:

P. Niiler, SIO/UCSD.	A. Lugo Fernández, MMS.	M. Hendershott, SIO/UCSD.
K. Brink, WHOI.	C. Winant, SIO/UCSD.	H. D'Acosta, Casa de Piedra.
A. Moore, UCSC.	M. López, CICESE.	E. Chassignet, COAPS/FSU.

M. Lavín, CICESE.

F. Martain, Cavas Valmar.

A. Provenzale, ISAC/CNR.

Contact: Julio Candela (jcandela@cicese.mx), Julio Sheinbaum (julios@cicese.mx) or
Edgar Pavia (epavia@cicese.mx). <http://www.cicese.edu.mx/>



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SEEKING JOB OPPORTUNITIES!

Daniel Meeh: I am interested in obtaining an entry level position in a Geology related field. I have received my Bachelors of Science degree in Geology from Wheaton College and I am looking forward to putting my knowledge to practical use. I am also a dedicated, driven individual who desires excellence in everything that I do. Not only am I well educated, but I am willing to learn a job and give above and beyond what is expected. I am confident that I can be a great asset to any organization. I appreciate any help you can offer and I would very much like to discuss my qualifications with you in person. I can be reached at 281-701-0826 or by e-mail at Daniel.Meeh@my.wheaton.edu.

Jake Lippman: I am looking for an entry-level position as a geologist. In particular, I am interested in hazard assessment (seismic, landslide, flooding, etc.) I am a recent graduate with a BS in Geology from UC Davis and an MA in Climate from Columbia. Please e-mail me with any employment opportunities at jdl2129@columbia.edu or call (415) 672-0918. Thank you very much!

Patrick Rentz: I am currently a graduate student at Scripps Institute of Oceanography, obtaining my M.S. in Earth Science. My defense and graduation is planned for the near future (September 2009 if things go according to plan). I am interested in employment opportunities in the San Diego through Riverside areas. For contact information, resume, and details on my research, please feel free to visit my website www.patrentz.com. I look forward to hearing from you!

JOB OPENINGS!

Brian F. Smith and Associates (BFSA) has immediate openings for several qualified individuals including **Paleontological Monitors**, and **Project Paleontologists** for projects in San Diego, Riverside, and San Bernardino Counties. Positions require a B.A. or M.A. in geology, paleontology, or a related field, and field experience in southern California. Current City of San Diego Paleontological certification preferred, or must be able to become certified immediately. Compensation will depend upon qualifications and ability. Please send or fax a current resume, or vita and references to resumes@bfsa-ca.com or fax to 858-679-9896.

Brian F. Smith and Associates (www.bfsa-ca.com) offers consulting services pertaining to all aspects of paleontology, archaeology, biology, history, air, traffic, noise and investigations throughout the southwest, primarily in southern California. The combined experience of the principal consultants and associates represents over 100 years of involvement in the study of the history and prehistory of this region. BFSA's capabilities are highlighted by the range of current projects, including construction monitoring, data recovery mitigation programs, historical structure assessments, surveys and evaluations for both the California Environmental Quality Act (CEQA) and Section 106 of National Historic Preservation Act (NHPA).

YOUR JOB ANNOUNCEMENT COULD GO HERE:

NEVADA MINERAL & BOOK COMPANY

SDAG - 5

Revision 0, 9/7/2009

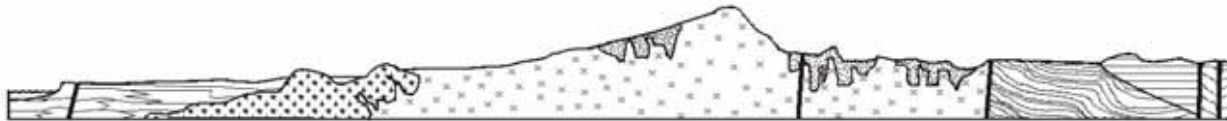
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Preferred Mailing Address (Check One): Home Work

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NEW POLICY: Your membership dues include email delivery of the monthly newsletter. If you wish to receive a hardcopy of the newsletter through US Mail, please add \$10.00 to your membership dues.

Dues:	<input type="checkbox"/> Student Member (email delivery only)	\$ 5.00
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(Name as you would like it to appear in guidebook and website)

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Date: _____ Check for change of mailing address:

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

San Diego Association of Geologists
PMB 157
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San Diego, CA 92108

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