



# SAN FRANCISCO SECTION NEWSLETTER



## Meeting Details:

- **Tuesday, September 9<sup>th</sup>**
- Old Spaghetti Factory, Oakland
- 6:00pm – Cocktail Hour
- 7:00pm – Dinner
- 8:00pm – Speaker
- \$30 members, \$15 students

**Reservations Due By NOON, THURSDAY SEPTEMBER 4<sup>th</sup>!**

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## SEPTEMBER 2003 PROGRAM

Dr. Edmund Medley, PE, CEG, and John Burton, PE, GE  
Exponent Failure Analysis Associates, Menlo Park, California

### ***THE COMFORTS OF IGNORANCE AND THE BENEFITS OF ARROGANCE (OR, LESSONS OF THE FAILURE KIND FOR THE GEO-PROFESSIONAL)***

Ignorance and arrogance are all too common in the design professions. It is comforting to not know what one does not know. And, there are benefits to being arrogant: why waste time on having a colleague check your work if you know what you are doing? Why go through the pain of further education or professional development? Why should engineering geologists talk to geotechnical engineers (and vice versa)? After all, "I know enough geo-mechanics to get by." And, why should geologists bother themselves with structural engineering stuff? But ignorance leads to blissful mistakes and arrogance results in expensive failures. A few lessons are offered, particularly to the engineering geologist who thinks he (rarely she??) knows it all.

### **Speaker Biography**

Ed Medley is a Principal Engineer with the Civil Engineering Practice of Exponent Failure Analysis, a national consultancy of over 650 people representing over 70 engineering and scientific disciplines. He specializes in the investigation of geological and geotechnical failures. He has over 30 years experience with geotechnical/geological engineering, (including several years with Dames & Moore in Canada, Hawaii, Papua New Guinea and Iran); mineral exploration and academia. His passion is the engineering and geological characterization of bimrocks (block-in-matrix rocks), complex geological mixtures such as melanges, tills, fault zones and colluvium. He holds a B. Applied Science in Geological Engineering from the University of British Columbia and MS and PhD degrees in geotechnical engineering from the University of California, Berkeley. Dr Medley is licensed as both an engineer and a geologist in California, British Columbia and the United Kingdom.

John Burton began practicing structural and geotechnical engineering with the San Francisco firm of Rutherford & Chekene Consulting Engineers in 1978, after obtaining his BS and MS degrees from Stanford University. At Rutherford & Chekene, Mr. Burton served as head of the geotechnical group and as a principal in the firm. Over the course of more than 20 years there, he participated as the project geotechnical engineer on many projects, including the Monterey Bay Aquarium, the Medical Library at UC San Francisco, Doe Library and Hearst Mining Building at UC Berkeley, and more than 20 projects at Stanford University (among them Packard Children's Hospital, Braun Music Center, Cantor Art Center, and the renovation/seismic strengthening of Frank Lloyd Wright's Hanna House). Mr. Burton currently investigates the geotechnical aspects of failures for Exponent and provides private consultations on design issues.

### ***IN THIS ISSUE...***

- ***Chair's Message***
- ***September Meeting Details***
- ***August Meeting Notes***
- ***Member Updates and Other News***
- ***Short Course and Field Trip Announcements***
- ***2003-2004 Section Officer Ballot***

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The AEG San Francisco Section Newsletter is a monthly publication of the San Francisco Section of the AEG.

For more information, visit [www.aegsf.org](http://www.aegsf.org).

**Submittals:**  
Deadline is the 20th of each month for the following issue. Contact Maile Smith by email ([newsletter\\_editor@aegsf.org](mailto:newsletter_editor@aegsf.org)) for submittal. All submittals are subject to editing for space considerations. Employment notices are free if brief.

**Address changes:**  
Please submit to Section Secretary, Lisa Gentry ([secretary@aegsf.org](mailto:secretary@aegsf.org)).

**Advertisements:**  
The newsletter's circulation is about 360 within northern California.

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business card: \$15 / month  
1/4 page: \$30 / month  
1/2 page: \$60 / month

**CHAIR'S MESSAGE**

Wow... has it already been a year? This month I'm off to my second and final annual meeting as Chair of the San Francisco Section. The Board of Directors meeting in Vail will include a one-day workshop for developing new mission, vision, and values statements for the Association. The mission, vision, and values statements are a vital step in revising the AEG bylaws.

Election of Section officers is this month. Chris Hundemer has agreed to serve as Treasurer for a second year and Pat Drumm has agreed to serve as Vice Chair for a second year. Lisa Gentry has decided to take a break. Lisa began serving as Section Secretary over two years ago (she took over for Anne Rosinski a month or two before Anne's term ended) when she was Lisa Paulick. Lisa also served as interim Newsletter Editor and Webmaster; the interim session ended up being nearly a year in duration! Thank you, Lisa, for more than two years of work for the Section.

At last month's meeting, Janine Weber Band of Geotechnical Consultants, Inc. in San Francisco, said she would like to be more involved in the San Francisco Section of AEG. Her timing couldn't have been better for the Section – Janine is on the ballot, running for Section Secretary. Thank you, Janine, for volunteering.

Don't forget that over half of the Engineering Geology Practice in Northern California volumes have been sold. Purchase one of these must-have publications before they are gone. We are still offering a 10% discount if you purchase a volume at a Section meeting; we will happily sell you a volume for the regular price and ship it to you for \$6.50 if you can't make it to a meeting. I will be taking some volumes to peddle in Vail.

There was a last minute program change for our upcoming September Section meeting. Our scheduled speaker cancelled and Ed Medley has agreed to speak to us instead. I saw the abridged version of Ed's presentation at last year's annual meeting in Reno and I thought it was excellent. Thanks to Pat Drumm for finding a replacement speaker at the eleventh hour; Pat is truly a Vice Chair extraordinaire.

I look forward to seeing many of you at upcoming Section meetings and in Vail.

*Corinne*  
Chair, AEG San Francisco Section

**2003 – 2004 SECTION OFFICER BALLOT ENCLOSED...DON'T FORGET TO VOTE!**

**SEPTEMBER SECTION MEETING DETAILS**

The September Section Meeting will be held at the Old Spaghetti Factory at 62 Jack London Square in Oakland, California (phone: 510-893-0222). For a map, visit their website at [www.osf.com/locations/california.html](http://www.osf.com/locations/california.html).

**Parking**

Parking is available on the street, or in the lot adjacent to the restaurant. If you park in the lot, know that the restaurant validates, but it's not exactly inexpensive...

**Directions**

*From 80 East (Bay Bridge) or 880 South* – From 80 East, merge onto 880 South, take the Broadway exit, turn right onto 5th Street (base of offramp) and stay in the right lane, turn right at Broadway, and left at Embarcadero. The restaurant will be approximately a block ahead on your right.

*From 880 North (driving towards Sacramento)* – Take the Oak Street / Lakeside Drive exit, turn left onto Oak Street, and then turn right onto Embarcadero. The restaurant will be approximately 4 blocks ahead on your left.

**Reservations must be faxed to Chris Hundemer by noon on Thursday September 4<sup>th</sup>.**

See the back cover of the newsletter for the RSVP form.

**NO SHOWS AND LATE CANCELLATIONS WILL BE CHARGED!**

## SPONSORSHIP

**Sponsor a Section Meeting or become a Section Corporate Sponsor!** Show support for an individual presentation or a specific meeting, or donate to the Section and receive free advertisement each month, recognition at Section Meetings, and more!

Contact Corinne Stewart at [chair@aegsf.org](mailto:chair@aegsf.org) for more information on sponsorship.

***Thank You to the Corporate Sponsors of  
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**Upp Geotechnology – San Jose**

## AUGUST MEETING NOTES

August's meeting was well attended and very interesting. We had about 42 members at Sinbad's in San Francisco. We had requests to video tape it, but do not as of yet have that equipment. If any members can loan a video recorder to tape the occasional future talk, please contact Corinne at [chair@aegsf.org](mailto:chair@aegsf.org). Thanks, *Lisa Gentry*

Carol Prentice of the USGS in Menlo Park presented her talk on historical research into the 1906 Earthquake on the San Andreas fault titled "At the Intersection of History and Geology: How Historical Research into the 1906 Earthquake Provides a Better Understanding of the San Andreas Fault". Carol started off the talk showing identical views of San Francisco along Market Street, pre- and post-earthquake. The devastation was appalling. After the 1906 earthquake, the State Earthquake Investigation Commission was founded, funded by the Carnegie Foundation and headed by U.C. Berkeley Professor Andrew Lawson. The Commission's "Carnegie" or "Lawson" report and archived records of the earthquake at Stanford and UCB Bancroft libraries were used for the research on the 1906 earthquake. The research was started to provide additional locations to evaluate fault offsets on the San Andreas. As a side note, the Carnegie report is apparently still available for purchase, in the 1969 reprint.

Four sites with ground rupture during the 1906 earthquake were selected for additional evaluation: Loma Prieta in the Santa Cruz Mountains, the San Francisco peninsula near Pacifica, Fort Ross area on the north coast, and Shelter Cove near Point Arena. The first area, Loma Prieta, was evaluated for comparison of the 1906 rupture with the numerous extensional ruptures mapped along the ridge adjacent to the San Andreas fault after the 1989 Loma Prieta earthquake. Using the survey by G. A. Waring for the Lawson report, Prentice and her coworkers compared the ruptures reported by Waring with the ruptures mapped after the 1989 earthquake. They found many of the 1989 ruptures had previously ruptured in 1906. The key

evidence for fault offset in the Loma Prieta area was Wright's tunnel, an old Southern Pacific railroad tunnel that connected Santa Cruz with San Jose. The maps by Waring included evidence of tunnel offset made by a railroad engineer named Matthews. They calculated three models to evaluate if the offset was on a single fault plane or distributed deformation along many shears, and concluded that the tunnel displacement map neglected to recognize that the west portal had been offset. With this offset included, they estimated that the Wright Tunnel offset was about 1.8 meters of right lateral displacement. They concluded that the surface ruptures observed in 1906 and 1989 on the ridges were independent of the major strike slip activity found in the railroad tunnel.

The second area was further north on the peninsula. In this area, nearly all the surface evidence of the 1906 rupture and other fault related geomorphic features have been removed by development. However, pre-development aerial photographs from 1946 were available for location of the fault trace. Using the aerial photographs, the Lawson report, and available maps, they compiled the data into a GIS database. The GIS tool was useful for evaluating the location of the fault and observed splays along the Peninsula, as well as features observed in the Lawson report.

The next area of research was near Fort Ross at Mill Gulch. This area has a right-lateral offset stream gully, which is estimated to have been offset right-laterally 80 to 100 meters by the San Andreas fault. For this study, they consulted the 1908 plane table survey prepared by Francois Matthes for this portion of the fault. Since coastal highway 1 has altered the site, the Matthes survey provided the needed data to locate a fault trench in the area with the most likely location of the fault. With the amount of offset calculated for the site and the age date, a slip rate of 18 mm per year was calculated. This slip rate is similar to the reported slip rates from the peninsula sites.

The last site was at Shelter Cove, where the San Andreas fault was reported by some to come on-shore. Other maps show the fault to remain offshore. Based upon Matthes' 1906 map for the Shelter Cove, offset was evaluated using trench data, outcrops along the beach showing a shear zone, and deflection of Telegraph Creek. The evidence observed in the Shelter Cove area strongly indicated that the San Andreas did rupture on-shore during the 1906 earthquake. The offset on Telegraph Creek was measured at 180 meters of strike slip motion over a 13,000 year interval. The slip rate was calculated at 14 mm/year for this segment of the fault.

Reports on two of the four areas, Loma Prieta and Shelter Cove reports, have been published and are available from the USGS. The second two reports are still in preparation and should be available in the future. Carol Prentice left a few pre-prints of the reports at the meeting. These were quickly picked up by the attendees. Carol stated that additional copies could be found at the website or e-mail her at [cprentice@usgs.gov](mailto:cprentice@usgs.gov).

Gary Pischke  
for Lisa Gentry  
Secretary, AEG San Francisco Section

**Thank You!**

**Gregg Drilling & Testing, Inc.**

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**UPDATED GEOLOGIC MAPS**

**Geologic Map of the Monterey Quadrangle**

On June 27, 2003 the California Geological Survey released the updated geologic map of the Monterey 30' x 60' Quadrangle and Adjacent Areas (3 plates: shaded relief color geology; topo base geology; map units explanation). Contact the CGS publications office at 916-445-6199 or visit their website at <http://www.consrv.ca.gov/cgs/> for more information.

Other new publications just released from CGS: Fault Investigation Reports for Development Sites within Alquist-Priolo Zones (1974-2000), and Fault Evaluation Reports Prepared (by CGS Geology Staff) under the AP Earthquake Fault Zoning Act.

**ALQUIST-PRIOLO GIS DATA AVAILABLE**

GIS data is available for download for official maps of 14 new and revised Alquist-Priolo Earthquake Fault Zones in Southern California. Visit the California Geological Survey's website for more information, at [http://www.consrv.ca.gov/cgs/rghm/ap/gis\\_download/ap\\_gis\\_download.htm](http://www.consrv.ca.gov/cgs/rghm/ap/gis_download/ap_gis_download.htm).

**MEMBER UPDATES AND OTHER NEWS**

**NATIONAL EARTH SCIENCE DAY: Black Diamond Mines Regional Preserve Educator's Day**

The East Bay Regional Park District and NCGS are hosting a field trip for Bay Area teachers to the Black Diamond Mines Regional Preserve on October 25, 2003. The Antioch preserve is centered around historic coal mines (and a cemetery) that played an important role in the early industrial San Francisco Bay Area. The field trip will be held during National Earth Science week, and will be limited to 30 teachers. For more information, contact Ray Sullivan at 415-338-7730 or [sullivan@sfsu.edu](mailto:sullivan@sfsu.edu).

**CCGO Updates**

The California Council of Geoscience Organizations (CCGO) e-mails monthly progress reports to CCGO members on record, as well as others who want to stay informed of their activities. The latest report is posted at [www.ccco.org](http://www.ccco.org).

The CCGO advocates the use of sound geologic knowledge and practice by proposing, reviewing, and monitoring statutes, regulations, and public policies.

Please contact Executive Director Jane Gill (JaneHGill@aol.com) to be added to their mailing list.

**EERI Student Paper Competition**

The Earthquake Engineering Research Institute is pleased to announce its Annual Student Paper Competition (Undergraduate and Graduate levels). The purpose of the competition is to promote active involvement of students in earthquake engineering and the earthquake hazards research community. Up to four student authors will be invited to the Annual Meeting of EERI in Los Angeles, California, February 4-7, 2004, and will receive travel support for this purpose. Their papers will also be considered for publication in Earthquake Spectra.

Guidelines for preparing the manuscript can be obtained from EERI, 499 14th Street, Suite 320, Oakland, California 94612, 510-451-0905, fax 510-451-5411, or [www.eeri.org](http://www.eeri.org). All papers must be received by November 3, 2003. No fax copies or e-mail copies will be accepted.

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**Melange Guidebook and Handouts Available**

Did you enjoy John Wakabayashi's presentation on melanges at the July AEG SF meeting? Did you lie awake that night wondering if the stratified rock or soil with boulders you described in your last report was actually a melange? Do you feel as if you're falling behind the standard of practice? Improve your understanding of melanges by adding these two AEG SF Section publications to your library!

*Tunnels Through Fault Rocks and Tectonic Melanges: A Short Course for Engineering Geologists and Geotechnical Engineers*

- Field Trip Guidebook, May 31, 2002

- Lecture Handouts and Reprints of Selected Papers (includes CD with Gunter Riedmuller's and Wulf Schubert's presentation), June 1, 2002

The field trip guidebook and lecture handout binder are available for \$50.00 each. Contact Betsy Mathieson (emathieson@exponent.com) or AEG SF Publications Chair, Bill Godwin (publications\_chair@aegsf.org).

**AEG San Francisco Section Thanks our Academic Sponsor!**

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**L'OREAL LAUNCHES NEW SCIENCE FELLOWSHIP PROGRAM FOR WOMEN**

Cosmetics company L'Oreal USA has announced the creation of a new For Women in Science US Fellowship Program. Designed to continue the legacy of support provided by the company's international initiative, the L'Oreal-UNESCO For Women in Science Awards, the new program will provide education and research grants to young women pursuing a career in science.

L'Oreal USA will award five annual fellowships to young women who are graduate students or postdoctoral researchers in the natural sciences (biological and physical), engineering, computer science, and mathematics. A fellowship grant of \$20,000 will be awarded to each recipient.

The US Fellowship program is open only to women in their third or fourth year of graduate studies enrolled in a doctoral program leading to a Ph.D. or Sc.D. and post-doctoral researchers. Applicants must be US citizens, planning to become citizens by the time the awards are announced, or permanent resident aliens of the United States. Graduate students and postdoctoral applicants must be planning to pursue their field of study or advanced research at a nonprofit institution in the US.

The application deadline is November 1, 2003. Complete program information and application forms are available at <http://www.lorealusa.com/forwomeninscience>.



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**UPCOMING AEG-SF MEETINGS**

DATE	SPEAKER	TOPIC	PLACE
9/9/03	Ed Medley, Exponent Failure Analysis	The Comforts of Ignorance and the Benefits of Arrogance (or, Lessons of the Failure Kind for the Geo-Professional)	The Old Spaghetti Factory, Oakland
<b>NOTE CHANGE</b>			
<b>No October meeting (due to AEG Annual Meeting)</b>			
11/12/03 (Weds.) Joint ASCE-AEG Meeting	Lloyd Cluff, PG&E	Performance of the Trans-Alaska Pipeline During the 11/3/02 Magnitude 7.9 EQ	Spenger's, Berkeley
12/9/03	William Cole and Philip Johnson, Cotton, Shires and Associates	The Use of Large-Diameter Boreholes and Downhole Logging Methods in Landslide Investigations	San Jose (exact location TBA)

**OTHER MEETING ANNOUNCEMENTS**

**AEG ANNUAL MEETING**

Plan to attend the 2003 AEG Annual Meeting - "Engineering Geology with an Altitude" in Vail, Colorado, September 15 through 21!

For more information on the annual meeting, visit [www.aegweb.org](http://www.aegweb.org).

**24<sup>th</sup> BIENNIAL GROUNDWATER CONFERENCE AND 12<sup>TH</sup> ANNUAL GRA MEETING**

For 48 years the Biennial Groundwater Conference has provided policy-makers, practitioners, researchers, and educators the opportunity to learn about the current policies, regulations, and technical challenges affecting the use and management of groundwater in California.

The theme of this year's conference is "The Role of Groundwater in Integrated Water Management". Presentations will explore the role of groundwater in formulating water policies, planning and managing water resources, and optimizing beneficial uses.

Dr. Chip Groat, Director of the USGS, will be the Keynote Speaker. His presentation will focus on recent publications and programs of the USGS that have emphasized the integrated nature of water resources, challenges of groundwater sustainability, the importance of long-term groundwater monitoring for water resources management, the importance of assessing water availability and use, and national goals for collecting and disseminating the necessary information for integrated water resources planning and management.

The meeting will be held on October 28 and 29, 2003 at the Double Tree Hotel in Ontario, California. More information is available on the University of California

Water Resources Center website (www.waterresources.ucr.edu) and the Groundwater Resources Association website (www.grac.org/conference.html), or by calling Pamela Dick at 909-787-4327.

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This is your personal invitation to join GSA in the beautiful Emerald City this fall. And, we're asking for your help to get the word out about Geoscience Horizons: Seattle 2003. Registration is now open for GSA's Annual Meeting and Exposition. We encourage geologists, scientists, students, and other geoscience professionals to attend this meeting in Seattle, Washington, November 2 through 5, 2003.

This year's meeting in the Pacific Northwest has a remarkable line-up of talks, poster sessions, and field trips. As Seattle Local Committee Chair Derek Booth states, "It's really tough to highlight the 'most interesting' sessions because there are so many to choose from."

You can register for this meeting online at [www.geosociety.org](http://www.geosociety.org) or fax the registration form that is in the June issue of GSA Today to 303-357-1071 or 303-357-1072 if using a credit card. Register before September 26, 2003 to get the discounted rate.

We hope to see you in Seattle!

*Soil Tectonics*

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**SHORT COURSES**

**AEG ANNUAL MEETING: Short Courses**

There are four diverse short courses lined up for Vail. Sign up early, as they expect to fill quickly!

Visit [www.aegweb.org](http://www.aegweb.org) for details and registration.

**GRA Symposium: "Subsurface Vapor Intrusion to Indoor Air: When is Soil and Groundwater Contamination an Indoor Air Issue?"**

The Groundwater Resources Association of California presents the Eighth Symposium in its Series on Groundwater Contaminants in cooperation with the Department of Toxic Substances Control, San Francisco Bay Regional Water Quality Control Board, and US Environmental Protection Agency, Region 9. Co-Sponsors are Chemical Risk Sciences International, EnviroGroup Limited, GeoSyntec Consultants, Inc., and LFR Levine-Fricke.

Two Dates & Locations: September 30, 2003 at Hyatt San Jose, San Jose, California, and October 1, 2003 at Westin Long Beach. Long Beach, California.


Symposium Web Page - <http://www.grac.org/ia.html>, Register at <http://www.grac.org/iareg.html>.

For Short Course information and submittals, please contact:

Ernie Solomon

Short Course Chair, AEG San Francisco Section

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**FIELD TRIPS**

The planned field trip to Fort Funston to view the Merced Formation has been cancelled in lieu of the following field trip:

**Seismic Hazard of the Range Front Thrust Faults, Northeastern Santa Cruz Mountains/Southwestern Santa Clara Valley, Spring 2004** (exact date to be determined). We are planning a field trip to observe a series of thrust faults mapped between the San Andreas fault and the northeastern topographic range front of the Santa Cruz Mountains. The faults are collectively referred to as the Foothills Thrust System or the Peninsula Fold and Thrust Belt. Individual faults to be discussed include the Sargent, Berrocal, Shannon, Monte Vista, Stanford, and Serra faults. Preliminary field trip co-leaders include Bob McLaughlin, John

Wakabayashi, Christopher Hitchcock, Ted Sayre, Reid Fisher, Steve Connelly, Ron Rubin, Glenn Borchardt, and Drew Kennedy. A primary objective of the field trip is to compile fault data for the Foothills Thrust System within a field trip guidebook readily available on the internet. Please contact Drew Kennedy at (916) 729-8050 should you wish to be a field trip co-leader, or have relevant fault data to be included in the guidebook. Field trip details will be announced in an upcoming newsletter.

Below is a list of upcoming field trips coordinated by others.

**Wine & Rocks of the Sierra Foothills, September 13, 2003**, AEG Sacramento Section field trip to be led by George Wheeldon. Registration form in the August 2003 section newsletter available at [www.aegsacto.org](http://www.aegsacto.org). Register by September 1st. Hurry, only 43 spots available!

**River Incision, Landscape Evolution, and Climate Change in the Southern Sierra Nevada, California, October 3-5, 2003**. The 2003 Pacific Cell Friends of the Pleistocene (FOP) field trip will visit the southern Sierra Nevada in and around Sequoia and Kings Canyon National Parks. The trip leaders include Greg Stock (U.C. Santa Cruz), Bill Bull (Univ. of Arizona), Gary Wiessman (Michigan State Univ.), Nate Stephenson

(National Park Service), and Anthony Caprio (National Park Service). One-day lichenometry short courses by Bill Bull will bracket the FOP weekend. For more information, visit <http://es.ucsc.edu/~gstock/fop2003/>

**Mt. Burdell, November 2003**, Northern California Geological Society (NCGS) field trip led by Rick Ford, San Francisco State University Graduate Student. For more information, contact Jean Moran (NCGS field trip coordinator) at [jeanm@stetsonengineers.com](mailto:jeanm@stetsonengineers.com). Details to follow later.

For Field Trip information and submittals, please contact:  
Drew Kennedy  
Field Trip Chair, AEG San Francisco Section

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**BALLOT: VOTE FOR YOUR SECTION OFFICERS FOR 2003-2004**

Please mark your ballot for the section officers and return it to Jason Preece (Past Chair) by **September 16, 2003**. Please send by folding, stapling, and stamping this ballot to:

Jason Preece  
c/o Camp Dresser & McKee  
100 Pringle Avenue, Suite 300  
Walnut Creek, CA 94596

Or, e-mail your votes to Jason Preece at [pastchair@aegsf.org](mailto:pastchair@aegsf.org).

**Vice Chair:** Patrick Drumm, Earth Focus Geological Services, Inc. in Fremont. Patrick has been Vice Chair for the past year; he has served previously as Publications Chair. He has worked for Geolith, Rogers-Pacific, and Gilpin Geosciences in the Bay Area, and Leighton and Associates in Southern California.

**Vice Chair:** write in \_\_\_\_\_

**Treasurer:** Chris Hundemer, Geologist at Upp Geotechnology in San Jose. Chris has been Treasurer for the past year; he has previously served the Section as Vice Chair and Membership Chair.

**Treasurer:** write in \_\_\_\_\_

**Secretary:** Janine Weber Band, PhD, RG, CEG, received her PhD in 1998 from UC Berkeley. Janine currently works for Geotechnical Consultants, Inc. (GTC) as senior geologist. In October she will become the new owner of EnviroVision, Inc., a small environmental firm (while still consulting for GTC). Janine Band has over 18 years of experience consulting, teaching, researching and obsessing about geology. Meanwhile she has nearly finished raising a batch of boys. Her experience being secretary for their Boy Scout Troop will (hopefully) have prepared her for the position of secretary for AEG-SF.

**Secretary:** write in \_\_\_\_\_

The term for Section Chair is two years. The current term ends in September 2004.

Current Section Chair: Corinne Stewart, Staff Geologist at Pacific Geotechnical Engineering in Morgan Hill. Corinne has served the Section as Membership Chair, Secretary, and Treasurer and is currently serving as Chair. She is also the 2002 Douglas R. Piteau Outstanding Young Member Award recipient.

Maile Smith  
c/o Weiss Associates  
350 East Middlefield Road  
Mountain View, California 94043

**AEG San Francisco Section – September Newsletter  
Monthly Section Meeting – September 9th  
Old Spaghetti Factory, Oakland**

***CHECK OUT THE AEG SF SECTION WEBSITE AT [WWW.AEGSF.ORG](http://WWW.AEGSF.ORG)!***

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**RESERVATION FORM**

AEG SF Dinner Meeting – September 9, 2003 – 6pm  
Old Spaghetti Factory, Oakland

**Reservation Deadline: 12:00 PM, THURSDAY SEPTEMBER 4<sup>th</sup>**

Fax Reservation Form to Chris Hundemer, c/o Upp Geotechnology (408-866-9436)  
Do not mail or fax payment – Check or Cash at the door – Make checks payable to AEG SF SECTION

Dinner and Meeting Cost: \$30 – members or spouses    \$15 – student members    \$32 – others

**No shows and late cancellations will be charged**

NAME \_\_\_\_\_ COMPANY \_\_\_\_\_

TELEPHONE NO. \_\_\_\_\_ NO. OF PEOPLE \_\_\_\_\_

PLEASE CHOOSE PASTA:                      Spaghetti Marinara      Spaghetti Marinara w/ meat      Fettuccine Alfredo

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**PERMANENT RESERVATION FORM**

AEG San Francisco Section monthly dinner meetings are typically the 2nd Tuesday of each month.  
I will attend and make payment for each meeting. If I am unable to attend, I agree to fax or mail a cancellation notice to  
Chris Hundemer (fax: 408-866-9436) by NOON the Friday before the meeting or I will be charged for the meeting.

NAME \_\_\_\_\_ COMPANY \_\_\_\_\_

TELEPHONE NO. \_\_\_\_\_ NO. OF PEOPLE \_\_\_\_\_

BILLING ADDRESS \_\_\_\_\_

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_ ENTRÉE \_\_\_\_\_