



**EARTHQUAKE ENGINEERING
RESEARCH INSTITUTE**

NEWSLETTER

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**EARTHQUAKE ENGINEERING
RESEARCH INSTITUTE**

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News of the Institute

**Anagnos Endorsed as President-Elect, Bray
and Johnson Elected to Board of Directors**



Thalia Anagnos



Laurie A. Johnson



Jonathan D. Bray

Thalia Anagnos of San Jose State University has received the endorsement of voters in the 2006 EERI election to be president-elect of the Institute. Laurie A. Johnson of Risk Management Solutions in Newark, California, and Jonathan D. Bray of the University of California, Berkeley, were elected the newest members of the Board of Directors. Many thanks go to the members of this year's Tellers Committee: Fabia Terra of URS Corp., Ed Matsuda of BART, and Joan MacQuarrie of the City of Berkeley Building Department, all active members of EERI's Northern California Chapter.

Anagnos, Johnson, and Bray will be formally welcomed to their new posts at the Board Meeting in Oakland on February 2. Anagnos will serve one year as president-elect, followed by two years as president and one additional year as past president. She will take the position vacated by past president Thomas D. O'Rourke of Cornell University, who is leaving the Board after four years of service. Current President Craig D. Comartin will remain president in 2006 for the second year of his two-year term, and will become past president next year. Johnson and Bray will each serve three years as directors, replacing Bruce Clark and Sarah Nathe, whose terms have expired. EERI extends thanks to O'Rourke, Clark, and Nathe for their years of outstanding service and dedication.

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100th Anniversary Earthquake Conference News

Gala Opening Reception on Monday, April 17

EERI members planning to attend the 100th Anniversary Earthquake Conference commemorating the 1906 San Francisco earthquake are encouraged to arrive in San Francisco in time to participate in the gala Opening Reception and Student Poster Session, beginning at 6:30 p.m. on Monday, April 17. The reception and poster session will be held at the Westin St. Francis Hotel, 335 Powell Street, San Francisco (1-800-937-8461, www.starwoodhotels.com). Join us for drinks and sumptuous hors d'oeuvres, acquaint yourself with research being conducted by the next generation of EERI leaders, and learn about the activities of EERI's student chapters.

The conference technical sessions at the Moscone Convention Center will end on Friday, April 21, with a joint closing session noon-1:00 p.m. Field trips and tutorials will continue Friday afternoon, with additional field trips on Saturday, April 22. For more information, visit www.1906eqconf.org.

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100th Anniversary Earthquake Conference

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Public Entity Scholarships

EERI has signed an agreement with the Public Entity Risk Institute (PERI) (www.riskinstitute.org), to award approximately 30 scholarships to land use planners, social service providers, emergency managers, risk managers, business resumption specialists, building officials, and those in related occupations to help them attend the 100th Anniversary Conference. Each scholarship recipient will receive \$1,000 in direct financial assistance, which can be applied to any conference cost. Recipients within the Bay Area, who do not require air transportation, will receive awards of \$600.

To be eligible for a scholarship, applicants should have key responsibility within their organization and come from municipal jurisdictions or nonprofit organizations. For more information and to apply, visit the conference web site at www.1906eqconf.org to download an application for the PERI Scholarship. The submission deadline is March 1, 2006. EERI will announce the awards by March 17, 2006.

FEMA Travel Scholarships for Students

Instead of the usual February date for the EERI Annual Meeting, this year it will be held together with the 8th U.S. National Conference on Earthquake Engineering (8NCEE) as part of the 100th Anniversary Conference at the San Francisco Moscone Center, April 17–22, 2006.

As in years past, several scholarships are available to encourage student members to attend the combined meetings, thanks to support from FEMA. This year, additional support is also being provided by the EERI Endowment Fund under the auspices of the Special Projects and Initiatives Committee.

Financial support will be contingent upon the applicant's participation in a poster session. Students may describe their current research projects or summarize their student chapters' activities (see below for poster abstract specifications). Each scholarship may be used to offset student registration, lodging at the conference hotel for four nights, and round-trip excursion airfare. Students are expected to assist in various capacities during the conference.

To apply, send a letter of request by March 1, 2006, to the Student Activities Committee in care of EERI's administrative assistant, Valarie Austin, at valarie@eeri.org. Applicants should describe their current involvement in earthquake engineering and their status as students or professionals.

Student Poster Session Call for Abstracts

Students interested in participating in a special student poster session to take place during the 8NCEE/EERI Annual Meeting Reception on Monday evening, April 17, are invited to submit abstracts to EERI. Accepted abstracts will be compiled and provided to reception participants and must be submitted in final form for reproduction. Abstracts should be prepared with one-inch margins on all sides and single-spaced in a Times Roman or equivalent font (11 points or larger). Text should be flush left. The title of the poster presentation should be centered at the top of the page and capitalized. Presenters should be identified by name, title, and organizational affiliation. Abstracts should not exceed two pages in length and should be e-mailed no later than March 1, 2006, to EERI's administrative assistant, Valarie Austin, at valarie@eeri.org. Presenters will be notified by March 17 of acceptance.

News of the Institute

Endowment Fund Donors

EERI would like to thank the donors to the Endowment Fund shown below and acknowledge their recent contributions. EERI's Endowment supports those innovative projects that ensure the Institute's continuing leadership in the earthquake engineering professions.

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Endowment Fund

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News of the Institute

Marshall Lew: Next EERI Secretary-Treasurer



Marshall Lew

After serving as EERI Secretary-Treasurer for six consecutive years, Ronald L. Mayes of Simpson, Gumpertz and Heger, Inc., has retired from the Board of Directors. During his tenure, the Institute's financial base has remained secure. EERI is greatly indebted to him for his numerous contributions and astute advice. We look forward to his continued service in other capacities.

Marshall Lew, senior principal and vice president of MACTEC Engineering and Consulting, Inc., in Los Angeles, California, was elected by the Board of Directors at its February 2 meeting to serve as EERI's next Secretary-Treasurer.

Lew is a graduate of UCLA, where he obtained his B.S., M.S., and Ph.D. degrees. He has more than 29 years of professional experience in geotechnical and earthquake engineering and has been with MACTEC (and its predecessors, LeRoy Crandall and Associates and Law/Crandall) for more than 28 years. He has worked on a variety of projects, including the tallest buildings in Los Angeles, transportation projects, and more than 15 base-isolated buildings.

Lew is president of the Southern

California Chapter of EERI. He chaired the organizing committee of the 2004 EERI Annual Meeting in Los Angeles. He currently serves on the *Earthquake Spectra* Editorial Board.

He is a member of the Structural Engineers Association of Southern California, the Los Angeles Tall Buildings Structural Design Council (LATBSDC), the Council on Tall Buildings and Urban Habitat, the American Society of Civil Engineers, the Seismological Society of America, Consulting Engineers and Land Surveyors of California, and the Asian American Architects and Engineers Association.

Lew is an appointed member of the Hospital Building Safety Board of the California Office of Statewide Health Planning and Development. He is a member of the board of directors of the California Earthquake Safety Foundation.

He has also been a member of various earthquake reconnaissance teams: he was co-leader of the geotechnical team for EERI's investigation of the Loma Prieta Earthquake in 1989 and led the LATBSDC team following the 1999 Chi-Chi, Taiwan.



Ronald L. Mayes

News of the Institute

Special *Spectra* Issue on 1906 Earthquake

A special issue of *Spectra* on the theme of the centennial of the 1906 San Francisco earthquake will be ready by the time of the 100th Anniversary Earthquake Conference. Co-editors Bill Holmes and Bob Reitherman expect that EERI members will find this issue of broad interest, given the following variety of scholarly articles that it contains:

- Re-evaluation of damage to buildings in San Francisco in 1906, based on original sources but using modern insights;
- Effects of the earthquake on water systems, including the topic of post-earthquake fire that was such a predominant feature of the 1906 disaster, and current hazard mitigation efforts;
- Geotechnical analyses of liquefaction in 1906 and projections of the extent of liquefaction in a recurrence today,
- A re-examination of the extensive surface faulting in 1906, along with a discussion of current geotechnical engineering approaches to mitigation;
- Comparisons of emergency management in 1906 to that which exists today;
- What was learned by key Japanese earthquake experts who made a reconnaissance visit to California in 1906;
- The long-term effects on earthquake research and education;
- The continuing influence on public policy of the 1906 earthquake, and comparisons to impacts from later earthquakes;
- A scenario of the ground shaking to be expected from a repeat of the 1906 earthquake;
- A loss estimation study of the effects on the current building inventory of the San Francisco region if the earthquake were repeated today.

EERI members will receive this special issue as a benefit of membership. The price of additional copies will be \$30 each.

News of the Profession

Hayes Becomes Director of NEHRP

The National Institute of Standards and Technology (NIST) has announced that EERI member John (Jack) R. Hayes, Jr., has been appointed director of the National Earthquake Hazards Reduction Program (NEHRP), effective February 5, 2006. NEHRP consists of four federal agencies: the Federal Emergency Management Agency, the National Science Foundation, the U.S. Geological Survey, and NIST (the lead agency). Hayes joins NIST after serving since 1988 as leader of seismic and structural engineering research at the U.S. Army Engineer Research and Development Center's Construction Engineering Research Laboratory in Champaign, Illinois. For more information, visit www.nist.gov/public_affairs/releases/director_nehrp.htm.

Birkland Appointed to NSF Position

NSF has announced the appointment of EERI member Thomas Birkland as program director, effective January 17, 2006, for Infrastructure Systems Management and Hazard Response, which is located in the Division of Civil and Mechanical Systems in the Directorate for Engineering. Birkland had previously been associate professor in the Center for Policy Research at the State University of New York, Albany.

News of the Profession

MMC Report to Congress

The National Institute of Building Sciences through its Multihazard Mitigation Council (MMC) recently submitted a two-volume report to Congress on behalf of the Federal Emergency Management Agency (FEMA) entitled *Natural Hazard Mitigation Saves: An Independent Study to Assess the Future Savings from Mitigation Activities*.

Volume I presents the findings, conclusions, and recommendations of the independent study. Volume 2 contains a detailed description of the study with supporting documentation. Both volumes can be downloaded from <http://www.nibs.org/MMC/mmchome.html>.

The study shows that money spent on reducing the risk of natural hazards is a sound investment. On average, a dollar spent by FEMA on hazard mitigation provides the nation about \$4 in future benefits.

NIST Fellowships

This summer NIST will provide 125 full-time undergraduate research fellowships for students majoring in scientific fields including engineering, materials science, and mathematics. The students will work in NIST research laboratories in either Gaithersburg, Maryland, or Boulder, Colorado, alongside some of the world's leading experts in science and technology. Students must be recommended by their departments, and applications must be submitted from each institution as a group by February 15. Interested students should contact their departments as soon as possible.

For more information, visit www.surf.nist.gov/surf2.htm (Gaithersburg) or www.surf.boulder.nist.gov (Boulder).

Job Announcement

NSF Earth Sciences Opportunity

The National Science Foundation (NSF) in Arlington, Virginia, has issued a vacancy announcement for the position of Division Director in Earth Sciences in the Directorate for Geosciences. The director provides leadership and direction to the NSF division responsible for funding research and education in the earth sciences. The director assesses needs involving the earth sciences, implements strategic planning and policy setting, determines funding requirements, prepares and justifies budget estimates, balances program needs, allocates resources, oversees the evaluation of proposals and recommendations for awards and declinations, represents NSF to relevant external groups, and fosters partnerships with other organizations. A Ph.D. or equivalent professional experience or a combination of education and equivalent experience in the solid and surface earth sciences is required. For the full announcement (S20060036-C), visit http://www.nsf.gov/about/career_ops/vacancies/executive.jsp. The application deadline is March 20, 2006.

Calls for Nominations

WSSPC Awards for Excellence

The Western States Seismic Policy Council (WSSPC) has announced a call for nominations for its Lifetime Achievement Award, which recognizes outstanding leaders in earthquake loss reduction. It will be presented at the Disaster Resistant California—Association of Bay Area Governments—WSSPC joint luncheon on April 20, 2006, during the 100th Anniversary Earthquake Conference in San Francisco. Nominees should have demonstrated throughout their careers an extraordinary commitment, level of service, and contribution to the application of earthquake loss reduction to public policy. Those eligible for consideration are currently and actively practicing individuals who fill one or more of the following roles: public official (elected or appointed); professional scientist, engineer, planner, architect, or emergency manager; community leader or business leader; or individual citizen advocate.

For more information on nomination procedures, visit <http://www.wsspc.org/Awards/index.html>. The deadline is March 1, 2006.

ATC-ENR Awards for Achievements of Century

The Applied Technology Council (ATC) and Engineering News Record (ENR) are seeking nominations for awards recognizing the top U.S. seismic engineers, projects, and products of the 20th century (up to 10 in each category).

The awards will be presented on April 17, 2006, in San Francisco at the ATC-ENR Awards Dinner with the theme "Celebrating 100 Years of Seismic Structural Engineering and Construction in the United States." The dinner is a black-tie event to be held in the Westin St. Francis Hotel rooftop ballroom, beginning at 8:00 p.m. The dinner is one of several kick-off activities for the 100th Anniversary Earthquake Conference. Nominees are sought for three categories: (1) the top U.S. seismic engineers of the 20th century (up to 10), (2) the top seismic projects of the 20th century (up to 10), and (3) the top seismic products of the 20th century (up to 10). Nominations may be submitted by individuals or organizations. For more information on nomination procedures, visit <http://atccouncil.org/>. The deadline is February 28, 2006.

Board Election

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It is not too early to start thinking about next year's election of directors. The Nominating Committee welcomes suggestions from the membership, including self-nominations. Nominees for director must have been active (or honorary) members of EERI for at least five years, and must not have been nominated to the Board in the last two years. To submit a name for consideration, send a brief note giving the name and qualifications of the potential candidate to the Nominating Committee in care of the EERI office. All submissions are confidential.

Request for Qualifications

CSMIP Data Interpretation Project

The California Strong Motion Instrumentation Program (CSMIP) of the California Geological Survey in the Department of Conservation is funding data interpretation projects focusing on the analysis and interpretation of the extensive strong-motion data sets recorded from recent earthquakes. The goal of these projects is to increase understanding of strong ground shaking and the response of buildings and other structures, and to increase the utilization of strong-motion data in improving post-earthquake response, seismic code provisions, and seismic design practices.

To receive a copy of the request for qualifications (RFQ), e-mail Lisa Chisholm at Lisa.Chisholm@conservation.ca.gov (phone 916/324-8771, fax 916/323-7778). The deadline is March 1, 2006.



Call for Papers

International Disaster Reduction Conference

A call for papers has been issued for the International Disaster Reduction Conference (IDRC), which will take place August 27-September 1, 2006, in Davos, Switzerland. The IDRC will contribute to the UN international strategy for disaster reduction. It will focus on the different phases of development, political systems, and societal and environmental conditions around the world. The discussion will highlight gaps and challenges, and offer examples of innovation, good practice, and lessons learned in risk reduction. Topics include natural hazards; technical risks; environmental, biological, and chemical risks; climate variability and climate change; critical infrastructure systems; diseases and pandemics; terrorism, civil disturbance, and public safety; insurance; technology, modeling, and tools for risk reduction and emergency management; risk and demographics; and risk and resources management. Cross-disciplinary themes are risk governance; risk analysis, identification, monitoring and assessment; risk management; risk and sustainability; education, knowledge, and innovation; and underlying risk factors. Organizations are encouraged to arrange special workshops or side events to address cross-disciplinary issues.

Abstracts not exceeding 400 words and biographies not exceeding 100 words can be submitted online at www.davos2006.ch before February 28, 2006.

9CCEE

Every four years the Canadian Association for Earthquake Engineering hosts a conference. The 13th World Conference on Earthquake Engineering in 2004 in Vancouver, British Columbia, took the place of this Canadian conference. The next one

will be the 9th Canadian Conference on Earthquake Engineering (9CCEE), to be held June 27-29, 2007, in Ottawa, Ontario.

The conference provides a venue for practitioners, researchers, academics, public policy makers, professionals responsible for emergency management, and others engaged earthquake fields to exchange ideas and information.

Abstracts are due by April 10, 2006. For full details and to submit an abstract, visit www.9ccee.ca.

ICIDEN in Abuja 2006

The International Conference on Infrastructure Development and the Environment (ICIDEN) will be held in Abuja, Nigeria, September 10-15, 2006.

The conference will bring together policy makers, scientists, engineers, corporate leaders, students, and others to analyze approaches, form alliances, and share experience on cross-disciplinary issues related to sustainable development.

Abstracts are due by February 25, 2006. The call for papers and other information can be accessed at www.iseg.giees.uncc.edu/abuja2006/callabstracts.cfm.

Restoration 2006 in New Orleans

The International City/County Management Association (ICMA), the National League of Cities, and the National Association of Counties are hosting Restoration 2006: Community and Economic Recovery after a Disaster, May 16-17, at the Sheraton New Orleans.

This conference will provide insights, strategies, and connections vital to a community's recovery after a catastrophe strikes. A call for presentations has been issued encouraging ideas for educational ses-

sions, panel presentations, or roundtables.

To submit an idea and to obtain more conference information, visit www.restoration2006.org. The deadline for submissions is February 28, 2006.

4ICEGE in Greece

The 4th International Conference on Earthquake Geotechnical Engineering (4ICEGE) will be held June 25-28, 2007, in Thessaloniki, Greece. Conference topics will include soil dynamics, engineering seismology, numerical modeling, site effects and microzonation, soil-structure interaction, liquefaction, slopes, foundations, earth-retaining structures, underground structures, lifeline engineering, vulnerability, vibrations and counter-measures, codes, policy issues, and insurance case histories. Authors are invited to submit abstracts not exceeding one page by e-mail to secreteriat@4icege.org by June 15, 2006. For instructions and further information, visit www.4icege.org.

Events on Safety of Dams

Annual Conference: The 23rd Annual Association of State Dam Safety Officials (ASDSO) Conference will be held September 10-14, 2006, in Boston, Massachusetts.

Abstracts are solicited on the following topics: dam failures and incidents, hydrology and hydraulics, geotechnical issues, security and emergency preparedness, dam design and rehabilitation, dam inspections, removal of dams, environmental issues, dam safety regulatory programs, hydraulics and public safety of low-head dams, dam owner issues, dam construction, and multidisciplinary issues. The deadline for 200- to 300-word abstracts is February 17, 2006.

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CALENDAR

Items that have appeared previously are severely abbreviated. The issue containing the first appearance, or the most informative, is indicated at the entry's end. Items listed for the first time are shown in **bold**.

FEBRUARY

10. EERI Seminar on Seismic Performance of Existing Concrete Buildings, Bellevue, WA. Info: www.eeri.org (1/06)

13. EERI Seminar (same as above), Los Angeles, CA. (1/06)

9-12. 27th Int'l. Disaster Management Conf., Orlando, FL. Info: www.emlrc.org/disaster2006.htm (11/05)

25-26. Int'l Conference on Earthquake Engineering, Tamilnadu, India. Info: www.sastra.edu/icee/index.htm (1/06)

MARCH

6-8. Int'l Conf. on Seismology, Islamabad, Pakistan. Info: www.pakmet.com.pk/WebConference/abstract_guide.htm (1/06)

30-31. EQ-Induced Ground Motions Sem., Secaucus, NJ. Info: www.asce.org/conted/seminars (12/05)

APRIL

5-7. Midwest Regional Tech. Sem. on Safety Evaluation of Existing Dams, Indianapolis, IN. See this page.

17-22. 100th Anniversary EQ Conf., San Francisco, CA. Info: www.1906eqconf.org. See page 1. (5/04, 5/05, 6/05, 7/05, 8/05, 9/05, 10/05, 12/05, 1/06, 2/06)

MAY

15-19. Seismic Hazard Analyses for Critical Facilities Workshop, Miramare, Italy. Info: agenda.ictp.it/smr.php?1747 (1/06)

16-17. Restoration 2006: Community & Economic Recovery after a Disaster, New Orleans, LA. See page 6.

19-21. SECTAM XXIII, Mayagüez,

Puerto Rico. Info: civil.uprm.edu/sectam (10/05)

21-24. 5th UCLA Conf. on Public Health and Disasters, Long Beach, CA. Info: www.cphd.ucla.edu/ (9/05)

31-June 2. 10th Int'l Conf. on Piling & Deep Fdn., Amsterdam, Netherlands. Info: www.pilinganddeepfoundations.com (12/05)

JUNE

8-10. Int'l Sym. on Technology & Society, New York, NY. Info: www.ieee.org/ssit (12/05)

18-21. ECI Geohazards Conf., Lillehammer, Norway. Info: www.engconfintl.org/6ag.html (9/05)

19-21. Risk Analysis 2006, Malta. Info: www.wessex.ac.uk/conferences/2006/risk06/index.html (12/05)

19-22. NEES Annual Meeting, Washington, D.C. Info: www.nees.org (11/05)

18-21. 16th World Conf. on Disaster Management, Toronto, Canada. Info: www.wcdm.org (11/05)

AUGUST

14-17. 5th Int'l Conf. on Behavior of Steel Structs. in Seismic Areas (STESSA), Tokyo, Japan. Info: www.serc.titech.ac.jp/stessa2006 (2/05)

27-Sep. 1. Int'l Disaster Reduction Conference (IDRC), Davos, Switzerland. See page 6. (2/06)

SEPTEMBER

3-8. 1st European Conf. on EQ Eng. & Seismology, Geneva, Switzerland. Info: www.ecees.org (1/05, 1/06)

10-14. 23rd Ann'l Ass'n of State Dam Safety Officials (ASDSO) Conf., Boston, MA. See page 6.

10-15. Int'l Conf. on Infrastructure Development and the Environment (ICIDEN), Abuja, Nigeria. See page 6. (2/06)

18-20. 5th Nat'l Seismic Conf. on Bridges and Highways, San Francisco, CA. Info: mceer.buffalo.edu/meetings/5nsc/default.asp (1/06)

25-Oct. 7. 8th Wkshp. on 3-D Modeling of Seismic Waves Generation, Propagation, and their Inversion, Miramare, Italy. Info: agenda.ictp.it/smr.php?1775 (1/06)

OCTOBER

4-6. Deep Fdn. Inst. Annual Conf., Washington, D.C. Info: www.deepfoundations06.org (12/05)

11-13. 7th Int'l Cong. on Advances Civil Eng., Istanbul, Turkey. Info: www.ace2006.yildiz.edu.tr/ (12/05)

12-13. 4th Int'l Conf. on EQ Eng. (4ICEE), Taipei, Taiwan. Info: icee2006.ncree.org.tw/ (10/05)

2007

JUNE

25-28. 4th Int'l Conf. on EQ Geotech. Eng. (4ICEGE), Thessaloniki, Greece. See page 6. (2/06)

27-29. 9th Canadian Conf. on EQ Eng. (9CCEE), Ottawa, Canada. www.9ccee.ca. See page 6. (2/06)

2008

OCTOBER

12-17. 14th World Conf. on EQ Eng., Beijing, China. Info: www.14wcee.org (12/05)

Safety of Dams

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The **Midwest Regional Technical Seminar on the Safety Evaluation of Existing Dams** will be held April 5-7, 2006, in Indianapolis, Indiana. The registration fee is \$250-\$300.

This seminar emphasizes the importance of periodic evaluation of the safety of existing dams, and provides specific information and guidance on the visual and instrumented monitoring of the various types of dams and their appurtenant structures. Failure mode analysis is stressed as the basis for an effective and efficient monitoring program.

For more information on either event, visit www.damsafety.org.

News of the Institute

Funding Cuts Spur New Approaches to LFE Report Printing and Online Availability

The recent significant reduction in EERI's Learning from Earthquakes budget (a loss of \$250,000+ for this calendar year) has caused the Board of Directors and LFE Committee to think creatively about alternative methods of delivering publications to EERI members. An upcoming *Lessons Learned over Time* report on science education in Indiana, a Beyond Reconnaissance Grant report on post-earthquake practices in recent Italian earthquakes, and a substantial earthquake reconnaissance report in both English and Spanish on the Colima, Mexico, event will all soon be available as PDFs on EERI's members-only web site. Members will be able to download these files at no charge. Members and others will also be given the opportunity to purchase these reports on CD or as hard copies through a print-on-demand service.

Upcoming special reconnaissance issues of *Earthquake Spectra* will not automatically be printed and distributed to members. The December 2005 special issue on the Bam, Iran, earthquake is currently on *Spectra Online* at <http://scitation.aip.org/EarthquakeSpectra/>, and members can download individual PDFs as always. In addition, members and others will have the opportunity to purchase bound copies of this issue through the print-on-demand service. An insert will be included with the February issue of *Spectra*, informing members about this change and encouraging them to visit *Spectra Online* to download articles of interest. Information about ordering the hard copy of the Bam issue will also be e-mailed to members.

News of the Profession

Caltrans Awards Contract to PEER

The Pacific Earthquake Engineering Research (PEER) Center was awarded a \$2,250,000 research contract from Caltrans. Projects will include engineering characterization of ground motion, response of soil during ground shaking, and seismic analysis and performance of bridges and lifelines systems. The principal investigator is PEER Director Jack Moehle, and the project manager is Tom Shantz, Caltrans Division of Research and Innovation.

News of the Membership

Awards for Rojahn and Elliott

The September 2005 issue of the journal *The Structural Design of Tall and Special Buildings* honors EERI member **Christopher Rojahn** for his achievements in structural engineering while serving as executive director of the Applied Technology Council (ATC). His 60-page article focuses on the major achievements of ATC during his tenure over the last 24 years. Chris has proposed, orchestrated, and overseen the development of numerous engineering resources and applications for reducing the effects of natural and man-made hazards on the built environment. The article also recognizes the many individuals who have played key roles in ATC's major projects in earthquake and structural engineering. In addition, the article contains a short history about Chris' personal career.

EERI member **Bill Elliott** will be awarded the American Society of Civil Engineers (ASCE) Technical Council on Lifeline Earthquake Engineering Honor Award for outstanding contributions to lifeline earthquake engineering. The award will be presented on February 16, 2006, at the ASCE Oregon Section Dinner Meeting in Portland, Oregon.



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