

**A Message from the President**

**ANNUAL REPORT FROM THE PRESIDENT**

It is truly hard to believe that this will be my last newsletter article as President of SEAONC. The year has gone very quickly and I am happy to admit that I have greatly enjoyed the experience and honor of being your President. I hope that many of you will be able to join us for the Annual Business Meeting on Tuesday, June 5th. At this meeting we will report on the status of the Association, host our past Presidents, Life Members, and other distinguished colleagues, and present awards for engineering excellence and recognize special contributions of individuals to our Association and profession. And, I will have the honor of turning over the gavel to Jon Kiland, whom I am certain will be an outstanding President for 2001-2002. This is always an enjoyable evening when we take the opportunity to celebrate our achievements as a profession and an organization.

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**June Program**

**2001 ANNUAL AWARDS MEETING**

by Jamison Curry, Program Chair

SEAONC's June 5 dinner meeting will be the traditional Annual Awards meeting. This meeting marks the close of the fiscal year 2000-2001 and the beginning of the 2001-2002 season. SEAONC's guests will be past Presidents, Honorary, Life, and Fellow members.

President-elect Jon Kiland will succeed President James Malley. The new Board of Directors will be announced and installed. Winners of the regional competition for the Excellence in Structural Engineering award, and the honorees for the H.J.Brunnier and Edwin Zacher awards will be announced. Our president will also announce new SEAONC Fellows and Honorary Members.

In addition to all this kudos, there will be news about what's going on at SEAOC and about additions to the SEAONC web-site, [www.seaonc.org](http://www.seaonc.org).

Join us to install our new President, Officers, and Directors and to honor our outstanding peers.



*James Malley  
President 2000-2001*



*Jon Kiland  
Vice-President 2000-2001*

**SCHOLARSHIP WINNERS TO BE ANNOUNCED AT JUNE MEETING**

by Jon Kiland, Vice-President 2000-2001

The first SEAONC Senior Scholarship awardees for the 2001-2002 year will be announced at the June dinner meeting. SEAONC received twelve applications from students at six universities located in our region. These universities include UC Berkeley, Stanford University, Santa Clara University, San Jose State, SFSU, and Cal Poly San Luis Obispo.

The twelve applicants were chosen by professors at each university, who were limited in their sponsorships. Four scholarship awardees were chosen by a judging committee of six persons representing a cross section of our profession. Each awardee will each be awarded \$5K toward their senior year to achieve their Bachelor of Science degrees in Civil or Architectural Engineering.

SEAONC and the Board sincerely thank all scholarship contributors this past year who have made the scholarship awards possible. We hope to continue and grow this scholarship program in the years to come.

**Meeting Notice**

**Annual Meeting**

**Tuesday, June 5, 2001**

Assembly	5:45
Dinner	6:30
Program	7:30

**The City Club**

*155 Sansome Street, 10th Floor  
San Francisco*

Fax registration form on the back of this newsletter to the SEAONC office by **12 noon Friday, June 1, 2001**

## A Message from the President

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This has been another successful year for SEAONC in many ways. Financially, the Association is stable, with a steadily growing reserve fund that is being well managed by our Board of Directors. Under the direction of Jamie Curry, our monthly dinner programs were diverse and stimulating, with topics ranging from Sustainable Architecture to the seismic rehabilitation of the Hearst Mining Building. Our Continuing Education Committee, led by Jackie Bassett, carried on our tradition of presenting two professional, informative and successful seminars on the International Building Code and Foundation Analysis and Design. The Disaster Emergency Services Committee worked hard to improve their post disaster communication tree and will hold what promises to be a successful ATC 20 Seminar early this month. Our Seismology Committee, led by Chair David Bonowitz, tackled and is working on two portions of our building code (the infamous “rho” factor and the application of the near field factor for the design of long period structures) that should lead to future code improvements and guidance

for our members. Our Professional Practices Committee is hard at work in reviewing and developing a summary report on the newly published AISC Code of Standard Practice. When published, this report will be very helpful to our members when they prepare specifications for structural steel projects. Our Existing Buildings Committee is participating in the development of the International Existing Buildings Code. In addition, through the dogged determination of David Mc Cormick, the committee has completed an extensive, and what we believe will be very useful, monograph on the design of structures with rigid walls and flexible diaphragms (formerly known as the “Tilt-up Document”). This report is presently in the final stages of editing and will be jointly published by SEAONC and ICBO later this year. All members of SEAONC will receive a copy of this document (which will be sold for approximately \$40) free as part of their membership!

Our Public Affairs and Membership Committee continued their outstanding tradition of making a major contribution to the Rebuilding Together (formerly known as Christmas in April) program. This newsletter provides a recap of this most

successful effort. In addition, the committee began a program of outreach to our local schools in providing speakers to inform students about our profession. We are also happy to report that our SEAONC Web Site is presently undergoing a major overhaul and updating that will make it a very useful tool for our members and the public. We plan to unveil the new web site at the June Annual Business Meeting.

The achievements listed above were but a few of the accomplishments that we made together. On behalf of our Board, I would like to take this opportunity to recognize and thank the hard working members of our Association that made these (and many more accomplishments that I have not mentioned in this article) activities so successful. You are truly the primary reason for the continued strength and success of SEAONC.

In addition to the successes of our ongoing committee activities, we made significant achievements in two new undertakings. Our SEAONC Undergraduate Committee, under the direction of Vice-President Jon Kiland and Board Members Reinhard Ludke and David Bonneville, led a very

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## In Memoriam

### EGOR PAUL POPOV

by James Malley, President

Egor Paul Popov, Professor Emeritus of Civil and Environmental Engineering at the University of California at Berkeley, and Honorary Member and Past President of SEAONC, passed away after a short illness on April 19, 2001 at the age of 88. Born in Kiev, Russia in 1913, he escaped with his family to Manchuria during the Bolshevik Revolution of 1917. After spending much of his youth in Harbin, China, he immigrated to San Francisco where his father became a prominent physician.

A graduate of Polytechnic High School in San Francisco, he then attended U.C.

Berkeley where he received his bachelors' degree in Civil Engineering. After completing graduate work at both Cal Tech and MIT, Egor completed his Ph.D. degree at Stanford University under the tutelage of S.P. Timoshenko. Following post doctoral work under Theodore Von Karmann, he joined the faculty at U.C. Berkeley in 1946, and stayed at Berkeley for almost 55 years. At the time of his death he was one of few to have achieved the honor of being named Professor in the Graduate School at Berkeley.

Professor Popov conducted research on a wide variety of topics during his storied career, from structural mechanics, to the theory of plates and shells, to the seismic design of structural steel, reinforced concrete systems and composite systems.

He will likely be most remembered for his seminal work on the seismic performance of structural steel, which became the primary focus of his research in over the last twenty years. Widely recognized for his development of the Eccentrically Braced Frame system, Professor Popov's research led to many of the advances in the seismic design of numerous structural steel frame systems and connections. In addition to his writing and research, Professor Popov was widely recognized for his teaching, receiving the Berkeley

Citation, the highest award for teaching on the Berkeley campus. The author or co-author of over 300 technical papers, Professor Popov also wrote two textbooks on structural mechanics. Both *Mechanics of Materials* and *Mechanics of Solids* are among the most widely used texts in the world on elementary mechanics of materials, having been translated into over seventeen languages. Professor Popov supervised the dissertations of well over 60 Ph.D. and Masters candidates between 1949 and 1998. Many of his doctoral students have gone on to become prominent professors around the world, continuing the legacy of outstanding teaching and research he started at Berkeley.

With the passing of Professor Popov, our profession has lost a truly unique and legendary figure. His numerous achievements and profound impact on structural engineering will live on through his books, technical papers, students and the building code provisions that he helped to shape. He will be remembered fondly by his friends and colleagues for his perpetually upbeat demeanor, his wit and sense of humor, his devotion to his wife and family and his unceasing efforts to improving the structural engineering profession. Our profession was truly blessed to be able to call Professor Egor Popov one of the giants in our field.

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# Committees on Assignment

## Public Affairs and Membership

### The Public Affairs and Membership Committee 2001 SEAONC Community Involvement Award Announced!

The second annual *SEAONC Community Involvement Award* was presented to Kate Stillwell at the May dinner meeting. Kate was selected by the Board of Directors from a list of nominees that included Pat Buscovich, Maryann Phipps, Carrie Bischoff, and last years recipient Ashraf Habibullah. The award recognizes Kate, a SEAONC member for approximately three years and a Design Engineer in Degenkolb Engineer's San Francisco office, as a member who has demonstrated outstanding involvement in her community.

Over the last year, Kate has performed a myriad of public service activities that included mentoring a high school student through the San Francisco Chamber of Commerce's School-to-Career Partnership program, mentoring a female college engineering student through MentorNet, serving as an instructor for the Three Brick Bridge project through the Engineers Alliance for the Arts, serving as a coordinator and volunteer for Rebuilding Together, and occasionally visiting local middle schools to give engineering presentations.

Kate truly embodies the ideals of the Community Involvement Award and SEAONC's mission to enhance the life safety, environmental health, and economic well being of the public. Kate was presented with a plaque and a \$500 donation was made, at her request, to the Engineers Alliance for the Arts.

Members interested in information regarding Kate's activities may contact her at [kstillwell@degenkolb.com](mailto:kstillwell@degenkolb.com). To make nominations for next years awards, look for the nomination form in an upcoming newsletter or contact the Public Affairs and Membership committee.

## Public Relations Ad-Hoc Committee Update

By Steve Tipping, Chair

The committee spent the last four months organizing a SEAONC sponsored press conference to announce the release of FEMA documents 350-353. These documents are based on the SAC Joint Venture investigation of steel moment-frame connections. Gerald Brady representing ATC and Bob Reitherman representing CUREE, assisted the committee.

The news conference was held on the morning of April 18<sup>th</sup> at the Commonwealth Club in downtown San Francisco. Jim Malley, SAC Project Director for Topical Investigations, and Ron Hamburger, SAC Project Director for Product Development, acted as spokesmen for the event. Each presented very effective Power Point presentations that identified the problems and the solutions. Sally Ziolkowski of FEMA gave a brief presentation. CUREE provided video footage of the testing program for steel connections and had "Beta Rolls" prepared that could be used by television stations. Eight poster boards were prepared for the press conference to illustrate the problems and the testing programs.

In preparation of the press conference, SEAONC's public relations consultant, Wes Starratt, issued media advisories to publications throughout northern California through the Business Wire service, assembled and mailed press kits to weekly and monthly trade and business publications, and provided an advance release to science reporter Dave Perlman of the Chronicle.

All major networks, with the exception of FOX, picked up the story and used the Beta Roll footage. KCBS radio rebroadcast the story all day long. The SF Chronicle and the LA Times each ran a story. The wire services picked up the story, and we heard from as far away as India with requests for additional informa-

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## Business Forum

### JUNE LUNCHEON MEETING

Date:	Thursday June 21, 2001	Topic:	"Setting Up, Hosting, and Maintaining Web Sites"
Time:	Board Meeting 11:00 am - 12 noon, Lunch / Program: 12pm - 1:30 pm	Cost:	\$20.00 Business Forum Member
Place:	City Club, 155 Sansome Street, San Francisco		
Speakers:	Mr. Steve Hall is the owner of FindFAST!		\$35.00 Non- Business Forum Member

RSVP: Make reservations by calling the SEAONC office at 415/974-5147 asap

Steve Hall is the owner of FindFAST! A website design, hosting and marketing company. He is also responsible for recruitment and technology services for Fraser Advertising. His experience includes over 20 years in web consulting, human resources and marketing services for large companies including E\*Trade, Charles Schwab, Cisco Systems, Bay Networks, PawPrints and hundreds more.

Not all websites are built alike. Tons of folks can build them but few can build them and see a return on investment. Our discussion will cover design attributes, how to set up and market professional websites and ultimately, make a website work for you!

*Ram International*  
*Repeat Full Page Ad*

# Bulletin Board

## MEMBER IN THE NEWS

### Ronald L. Mayes Joins Simpson Gumpertz & Heger Inc.

San Francisco, CA—Simpson Gumpertz & Heger Inc. (SGH), Consulting Engineers, is pleased to announce SEAONC member Dr. Ronald L. Mayes has joined the firm's structural/seismic engineering group in the San Francisco office.

Dr. Mayes will lead the firm's work in the areas of base isolation and energy dissipation systems, testing programs, building instrumentation, and research and development activities.

## ANNOUNCEMENTS

### ICBO Releases New Structural Application Guide for 2000 IBC

Whittier, CA—ICBO has released the first question-and-answer application guide covering the structural provisions of the 2000 *International Building Code (IBC)*. This widely anticipated publication, entitled *2000 IBC Structural Q & A*:

*Application Guide*, contains answers to more than 180 of the most frequently asked questions regarding the application of structural provisions that arise during design, plan review, construction and daily code enforcement.

Each question is preceded by a reprint of the applicable IBC section for easy reference, and many answers are accompanied by illustrations to provide a clear understanding of both the intent and meaning of specified code text. While there is no substitute for the code itself, the *2000 IBC Structural Q & A: Application Guide* enhances the code user's knowledge of the code leading to improved design and code compliance.

Cosponsored by the National Council of Structural Engineers Associations (NCSEA), this handy 8.5 x 11 inch, spiral bound guide makes it easy to find answers to tough code questions. It is an ideal reference guide for civil and structural engineers, code officials, architects, and students that reflects the cumulative years of experience the ICBO staff has in providing code opinions.

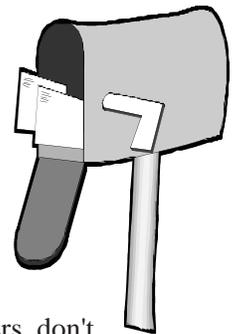
The *2000 IBC Structural Q & A: Application Guide* can be purchased for \$33.50 through ICBO by calling (800) 284-4406 or visiting [www.icbo.org](http://www.icbo.org). Members of ICBO or NCSEA affiliates can receive a special price of \$30.50.

## SEAONC SCHOLARSHIP FUND CONTRIBUTOR

A special thanks to *C&D Consulting* who have recently contributed at the \$500 level to the SEAONC Scholarship Fund!

Over \$20,000 has been collected so far. If you have not already done so, please consider making a contribution so that we can add you to the auspicious list of contributors!

Send in  
your  
Ballots!



Voting members, don't forget to send in your ballots for the 2001-02 SEAONC Board of Directors.

Ballots arrived around May 10, 2001 and are due Tuesday, June 5th, 12 noon.

## May Meeting Wrap Up

### Sustainable Architecture and Structural Engineers Jason McLennan, BNIM Architects

by Jamison Curry, Program Chair

Our speaker for May was Jason F. McLennan of Elements/BNIM Architects, based in Kansas City. Mr. McLennan, an architect, made a somewhat unusual presentation to our association. His topic, "Green Architecture", or "Sustainable Architecture" is fairly broad.

Mr. McLennan began by presenting us with some rather grim reminders of what we humans are doing to adversely affect our environment. It appears to be clear that something must change and when one considers that building construction and

maintenance consume a great part of the world's energy resources, it is clear that those in the building industry must lead the way to better use of resources. BNIM has done several projects that utilize principles of sustainable architecture. Mr. McLennan showed drawings and photographs of their work, including a building for the Kansas City Zoo and the un-constructed Epicenter Project, a laboratory facility for the University of Montana. The Epicenter had a large amount of ancillary research associated with different systems, e.g. a fume hood design that required much less energy to operate than a conventional fume hood and cement that utilized 100% flyash. Some of this research has been detailed in a National Institute of Standards and Technology report.

Mr. McLennan listed several resources that people can avail themselves of, if they are interested in green design. These included the Rocky Mountain Institute, [www.rmi.org](http://www.rmi.org), and the Green Building

Council, [www.usgbc.org](http://www.usgbc.org). The latter agency has instituted a program called the LEED Green Building Rating System to evaluate the environmental performance of a building over a building's life cycle, utilizing an integrated "whole building" perspective, instead of measures of individual components. Although there are not many items included to credit structural systems, there is room for emerging concepts. Creative structural engineers may be able to contribute to a building's overall rating in ways that are not yet clear.

Mr. McLennan mentioned a few specific things that structural engineers can do now to aid in making buildings more sustainable. Specifying the use of increased percentages of flyash in concrete is certainly one thing we can do. Mr. McLennan also mentioned the use of exposed structure as the final finished product.

# REBUILDING TOGETHER 2001

by Joyce Feng, Volunteer Captain



Rebuilding Together 2001 was a huge success! We had a turnout of 61 volunteers on Saturday, April 28th who completed a wide range of projects at the home of Gladys Baltodano of the Mission District in San Francisco.



Ms. Baltodano says that she is delighted that her prayers were answered. She is very grateful that the Rebuilding Together volunteers took care of so many of the things that needed fixing in her home.

On the day of Rebuilding Together, the volunteers were broken up into 13 teams; each was given the responsibility of a different part of the house. The teams succeeded in reconstructing the two front stairs; painting the front and the sides of the house; clearing and landscaping the backyard; constructing a new deck and back stairs; cleaning and painting two living rooms; remodeling and painting the bathroom, including a new shower enclosure; cleaning and painting the kitchen, including a new kitchen hood, lights, and smoke detectors; demolishing and rebuilding rotten floor joists; installing handrails and grab bars; and countless other jobs. All in one day!!

All the volunteers thoroughly enjoyed their day. The captains have received numerous letters, e-mails, and telephone calls from the volunteers expressing their sense of joy at being able to give in such a wonderful way to someone in need.

The working environment was great, with so many people who have never met before working together in unity and harmony. SEAONC's Rebuilding Together 2001 project was a success that changed the life of Ms. Baltodano. She now has a "brand new home". SEAONC, Rebuilding Together, the captains, and Ms. Gladys Baltodano thank you all for your donations, hard work, and dedication!!

**SPECIAL THANKS** to all the captains: Blake Hoskisson, Darron Huntingdale, and John Westphal; and committee volunteers: Kate Stillwell and Regan Bramblett. Without them, this year's project would not have been possible. Thank you!



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## Volunteers:

Keith Abey  
Emma Aquino  
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Cameron Black  
Regan Bramblett  
Jennifer Calhoun  
Karen Camarillo  
Chris Casarez  
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Sophie Rioux  
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Brian M. Shen  
Donna Shickman  
Wendy Shillinglaw  
Tony Simpson  
Mark Sinclair  
James Situ  
Charles Smith  
Erik Soderberg  
Kate A. Stillwell  
David Topete  
Ariel Villasol  
William Wahbeh  
Taryn Williams  
David Wilson  
Kent Yu



### Posting for Membership

#### MEMBER SE

Allen Nudel  
*Structural Engineer, Forell/Elsesser Engineers*  
Leo Panian  
*Structural Engineer, Tipping Mar + Associates*  
Viral B. Patel  
*Principal, Walter P Moore & Associates*

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*Project Engineer, KPFF Consulting Engineers*  
Christopher L. Paterson  
*P.E., Simpson Strong-Tie Co., Inc.*  
Calin Smith  
*Principal, Smith Engineering & Development Co.*  
Katherine Stillwell  
*Design Engineer, Degenkolb Engineers*

#### ASSOCIATE

David Franseen  
*Jr. Engineer, Sierra Engineering Group*  
Jennifer Masich  
*Designer/EIT, Degenkolb Engineers*  
Terry R. McDonnell  
*Senior Engineer, Thronton Tomasetti Engineers*  
Matthew Nietfeld  
*Design Engineer, KL + A of California*  
Lynn Zimmerman  
*Structural Designer, Forell/Elsesser Engineers, Inc.*

#### STUDENT

Wai Yip Chan  
*Graduate Student, Stanford University*  
Sarah Elizabeth Diegnan  
*Graduate Student, Stanford University*  
Nicolas Luco  
*Graduate Student, Stanford University*

## Job Forum

**Ahearn, Knox & Hyde** have an opportunity for a good entrepreneurial type S.E. with an interest in a career change that would track toward attainable participation in future shared ownership. Established in Silicon Valley for the past thirty years, we are looking for the right person who wants more than just employee status in their future. Control your own career potential. If interested in the possibility of joining us send your résumé to Ahearn, Knox & Hyde, Inc., 1505 Meridian Ave., Suite B, San Jose, CA 95125, or e-mail: [ahearn@akhse.com](mailto:ahearn@akhse.com).

Immediate Openings: Civil and Structural Engineer. **Bevier Structural Engineering**, a Sacramento, California based firm has immediate openings for senior and mid-level engineers who can assume leadership and responsible roles. Projects include schools, hospitals, commercial, and industrial buildings. Our firm offers excellent opportunities for growth and advancement for civil and structural engineers with building design experience. We offer a competitive compensation and benefits package as well as a positive work environment. California CE or SE license preferred. Please fax or e-mail résumés to: Bevier Structural Engineering, phone 916/631-3030, fax 916/631-8996, e-mail: [bill@bevier.net](mailto:bill@bevier.net)

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details: [www.biggs-cardosa.com](http://www.biggs-cardosa.com). You can also send your résumés to Biggs Cardosa Associates, Inc. 1871 The Alameda, Suite 200, San Jose, CA 95126, or by e-mail through our web site. EOE

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**DES Architects + Engineers**, a leading mid-Peninsula A/E firm, seeks Structural Design Engineers with CE or SE license, minimum 5 years experience in wood, steel, concrete and masonry. Projects include schools, hospitals, corporate campuses, etc. Competitive salary and complete benefit package. Send résumé with intro letter and salary requirements to DES, PO Box 3599, Redwood City, CA 94064. Fax to 650/364-2618, Attn: Niki Hithe or e-mail to [jobs@des-ae.com](mailto:jobs@des-ae.com). Visit our website at [www.des-ae.com](http://www.des-ae.com).

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**EQE** has immediate openings in Oakland office for engineers at various levels of exp. Seeking Project Manager with min. 10 years exp. in structural/seismic design and analysis of buildings (concrete exp. preferred) verbal/writing and business development skills, and S.E. lic. Also seeking engineer with 3-5 years exp. in analysis and design (P.E. preferred). Send résumé to: EQE International, Attn: Ken Mark, 1111 Broadway, 10th Floor, Oakland, 94607 or e-mail to [kmm@eqe.com](mailto:kmm@eqe.com).

**Forell/Elsesser Engineers**, an award-winning structural/civil engineering firm, offers outstanding career opportunities to engineers and Cad drafters with all levels of experience who seek a dynamic, challenging and rewarding work environment ([www.forell.com](http://www.forell.com)). Work on exciting projects and collaborate with innovative design engineers. We offer an unparalleled salary & benefits package, including employer matched 401(k), pension and incentive compensation plans. Contact: Jim Guthrie, 160 Pine St. #600, San Francisco, CA 94111; fax 415/837-0800 or [jim@forell.com](mailto:jim@forell.com).

**Interactive Resources** ([www.intres.com](http://www.intres.com)) offers competitive compensation & benefits, ongoing career development, interesting projects, and a unique firm culture in a great historic coastal town in the East Bay. We also offer ownership potential. Registered PE minimum, SE preferred. CA/West Coast experience necessary. See our website for more information. Send résumé to 117 Park Place, Point Richmond, CA 94801. Fax: 510/232-5325.

**MKM & Associates of Santa Rosa, CA** seeks engineer with minimum 2 years experience with emphasis in timber construction in residential & commercial low-rise buildings. Salary with Bonus considerations dependent on experience & availability to start. Excellent benefits. Please fax résumé to 707/578-7153 or e-mail [office1@mkmassociates.com](mailto:office1@mkmassociates.com).

**Nishkian Menninger** seeks experienced registered structural engineer with 10 or more years experience in various types of structures; office buildings, high rises, schools, multiple-tenant residential & other commercial projects, garages and seismic rehab. Résumé & salary requirement to: 510 Howard Street, San Francisco, CA 94105 or e-mail: [levon\\_n@nishkian.com](mailto:levon_n@nishkian.com).

**Rinne & Peterson**, a medium sized Structural Engineering firm, seeks self motivated, self-starter engineers with effective communication skills

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## ATC-20 TRAINING FINAL NOTICE

### JUNE 3, 2001: Post Earthquake Damage Assessment Volunteer Training (a.k.a. ATC-20)

by Mark Okamura, DES Chair

Last call folks. If you haven't already signed up for the subject training seminar scheduled for Sunday, June 3<sup>rd</sup>, you have just a few days remaining. The registration form included in this month's Newsletter has all the specifics. We are quite excited to have the training seminar at the Golden Gate Club at the Presidio this year. All the folks that have visited the site in preparation for the event have had rave reviews.

This is also your opportunity to sign up with the State Office of Emergency Services (OES) as a Volunteer Safety Assessment Engineer. A representative from the State OES will be on hand with registration forms and a camera to take your picture and issue you an identification card for future activation.

The all-day seminar is planned to start with registration at 8:30 AM and conclude at 4:00 PM with box lunches provided for the participants. The cost is \$125 for SEAONC members and \$145 for non-members which includes the \$25 late registration fee.

I'm looking forward to seeing all of you then and spending a productive day enhancing your skills as a post earthquake damage assessment engineer.

Should you have any last minute questions or would be interested in helping out during the training seminar, please contact Mark Okamura, Chair - DES Committee at 510/874-2295 or any other DES Committee member.

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from Entry-Level through Senior-Level to work on a wide variety of challenging projects. This is an opportunity with long term growth potential. Ongoing professional development is encouraged and supported. Generous employee benefits including flexible work schedules, great staff, and a very desirable work environment. Send résumé and ref. to: Human Resources, 1121 San Antonio Rd., Suite C200, Palo Alto, CA 94303-4311; fax# 650/428-2861; e-mail: sharonberman@rpse.com.

**Rutherford & Chekene** is currently offering outstanding career opportunities to engineers and Cad drafters with all levels of experience in both our San Francisco and new Oakland offices. In addition to our generous benefits package, we offer the opportunity to learn from some of the best engineers and Cad professionals in the Bay Area while working on exciting projects - all in a supportive office environment. If you wish to learn more, contact Peter Revelli at: Phone: 415/495-4222, Fax: 415/546-7536, or E-mail: prevelli@ruthchek.com. Also visit our web site at [www.ruthchek.com](http://www.ruthchek.com).

**Rutherford & Chekene** is also seeking licensed CE's and SE's for a challenging 8-12 month forensic engineering project. Position requires 2 days/week in L.A., but offers flexible schedule, generous compensation, and perks. Candidates must be detail-oriented and capable of independent thought, with excellent critical thinking and communication skills. Wood frame residential experience a plus, but no substitute for a sharp mind. Perfect transition job for self-motivated engineers seeking a change of pace. Full time commitment preferred. Contact Peter Revelli or David Bonowitz at: phone 415/495-4222, fax 415/546-7536, e-mail: prevelli@ruthchek.com or [dbonowitz@ruthchek.com](mailto:dbonowitz@ruthchek.com).

**Simpson Gumpertz & Heger Inc. (SGH)**, founded in 1956 by three M.I.T. professors, is a growing and dynamic consulting engineering firm with \$20M in gross revenues, a staff of 170, and offices in Boston, MA, San Francisco, CA, and Washington, DC. SGH has an international reputation in design, investigation, research and development of structural and building envelope systems, mechanical components, and materials. The variety of our expertise enables the firm to undertake investigative, research, and design projects of a complex and unusual nature. We seek creative, enthusiastic, motivated individuals for positions in all three offices. We offer an excellent compensation and benefits package in a corporate culture based on learning and growth. At SGH you'll gain the strength of our reputation and the creativity of diverse and complex projects. To learn more about SGH, please visit our web site at [www.sgh.com](http://www.sgh.com). We are an equal opportunity employer and value the diversity of our workforce. Please forward your résumé and letter of interest to Dept. LAS, SGH, 297 Broadway, Arlington, MA 02474; FAX 781/643-2009; e-mail [jobs@sgh.com](mailto:jobs@sgh.com).

**Structural Design Engineers** seeks staff/project structural engineers with experience in wood,

masonry, concrete and steel design. Min. 4 years experience. MS and C.E. license preferred. Computer analysis skills important. Send résumé to: Structural Design Engineers, 120 Montgomery St., Suite 1410, San Francisco, CA 94104.

**Sverdrup Civil**, a major nationwide multi-discipline professional services firm, is seeking a structural engineer with a CE license and a BSCE in Civil Engineering. A Master's degree in structural engineering is preferred. Experience with an IBM PC is desirable. Good communication skills and the ability to work with peers and clients is required. A minimum of 3 years experience desired. Candidate should have an interest in proceeding into management. Our office is conveniently located next to the Pleasant Hill BART Station. Please send résumé to: Personnel Manager, Sverdrup Civil, Inc., 1340 Treat Blvd., Suite 208, Walnut Creek, CA 94596. EOE WKW

**Watry Design, Inc.** which is located in the San Francisco Bay Area, is in search of highly motivated engineers to join our rapidly growing team. Watry is a full service Architectural/Engineering Firm specializing in the design of large concrete structures, including high-rise hotels and apartments as well as award-winning parking structures. This position offers the right individual an opportunity to play an integral role in the design of multi-million dollar projects with a firm that fosters a cohesive family like environment. The applicant must possess a B.S. in Structural Engineering (or equivalent) with a P.E. or S.E license being highly desirable. A background in the design of concrete and post-tensioned structures, strong computer skills, and excellent communication skills are beneficial. If you would like further information regarding the Watry Design, Inc., please visit our web site at [www.watrydesign.com](http://www.watrydesign.com). Submit all résumés to: Watry Design Inc., 815 Hamilton Street, Redwood City, CA 94063 attn: Julie Snaman or you can send electronically to: [jsnaman@watrydesign.com](mailto:jsnaman@watrydesign.com).

Move to beautiful wine country and 'grow' your career at the same time! **ZFA Structural Engineers in Sonoma County** seeks four engineers of varying levels of experience for our busy and growing Santa Rosa office: **1)** We are currently seeking an S.E. with extensive wood experience to help co-manage our Schools project area. Definitely a plus for School / DSA experience. This is a key position with Management and Ownership potential! **2)** ZFA is also seeking to hire two engineers with 1- 3 years experience working with a variety of materials to join our Commercial/Public projects team and our Residential/Light Frame project team (wood experience a must). The Commercial project area will also consider an extra sharp entry-level engineer. **3)** We are also ready to hire an engineer with 3 - 5 years experience to work with our Wineries / Industrial projects team. This person should be interested in working with a variety of both projects and materials. Leave the 'grind' and commute behind and enjoy a great life-style and career by joining ZFA. Excellent profit-sharing, vacation and benefits package. See our website at [www.zfa.com](http://www.zfa.com). Please E-mail résumé w/ cover letter to: [MichaelD@zfa.com](mailto:MichaelD@zfa.com).

**Hoogerwerf Engineering Group, Inc.** South Bay structural engineering firm seeking individuals interested in joining a team specializing in post-tensioned concrete buildings. All levels of design experience will be considered. Programs utilized include Adapt-PT, Etabs, Safe, Risa, AutoCad 2000. Fax resume to 408-323-2005 or e-mail to [hoogerwerfegi@earthlink.net](mailto:hoogerwerfegi@earthlink.net), attn: Personnel Dept. Competitive salary, benefits, company matching retirement plan.

Plan Check Engineer, **City of Livermore, CA**, \$5850-\$7112/mo plus excellent benefits. Reviews buildings/plans and determines code compliance for industrial, commercial and residential structures. Reqs: CA registration as a Professional Engineer plus 2 yrs exp in performing structural, architectural, or civil engineering building design, review, and inspection work related to building code compliance. ICBO Plans Examiner Cert desirable. Apply immediately; recruitment may close at any time. For app materials, call: 925-373-5103/TDD: 925-373-5052; or visit: [www.ci.livermore.ca.us](http://www.ci.livermore.ca.us). EOE.

**The Pacific Earthquake Engineering Research Center (PEER)**, located at the University of California, Berkeley's Richmond Field Station location, is seeking an enthusiastic and creative individual with extensive executive and/or applied research experience in earthquake engineering to develop and manage the Business and Industry Partner program of the Center. The incumbent will assist the Center Director in the development of an integrated industry sponsor program that will combine university research with the needs of industry within the context of the PEER program. The position requires advanced academic preparation in the field of engineering, with an emphasis on earthquake engineering, and must have demonstrated experience in project management and marketing activities. A full position description, as well as instructions on how to apply is located at <http://peer.berkeley.edu/employment>.

Plans Examiner, **City of Santa Clara, CA**. Salary range: \$6,210 - \$7,930/mo. Requires graduation from an accredited college or university with a Bachelor's degree in Civil Engineering and four years of design experience as a structural design engineer in building design, construction, or related field at a level of project engineer; or two years of experience as a plan checker in the State of California. Registration as a Professional Civil Engineer in the State of California is required. International conference of Building Officials certification as a Plans Examiner is desirable. Apply by formal application with the HR Dept., 1500 Warburton Ave., Santa Clara, CA 95050, (408) 615-2080. This position is open until filled. Applications may also be obtained on the City of Santa Clara web site at: [www.cho.ci.santa-clara.ca.us/40109.html](http://www.cho.ci.santa-clara.ca.us/40109.html) EOE, M/F/D.

**Weir/Andrewson Associates** seeks an experienced engineer for a wide variety of

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projects in structural design and analysis for new and existing residential, commercial and historical buildings. Projects are primarily in wood with some concrete, steel and masonry structures. Pleasant working environment in a growing firm for a self-motivated project level individual. Excellent written and verbal communication skills a must. Convenient downtown San Rafael location, competitive salary, excellent benefits including 401k. Please fax resume to 415-485-9799, or email ellen@waassoc.com.

**MBA Structural Engineers, Inc.** seeks project structural engineers with 3 yrs. min. experience. Tired of the commute? Come join us in downtown Walnut Creek in our growing, professional office environment. We offer a strong compensation package, including flexible hours, bonuses, and full family medical coverage. Send your resume to 1717 N. California Blvd., Suite 2A, Walnut Creek, CA 94596, or fax to 925/933-6140, or e-mail to mbaeng@pacbell.net.5/

**Tri-Valley Engineering, LTD** has unique employment opportunities for Civil/Structural design engineers & CADD Draftsmen wishing to work in a non-conventional environment. Our firm uses telecommuting methods, requiring little or no time to be spent in our office. Full time, part time or "moonlighters" needed. Successful candidates will have a BSCE minimum, with 3-5 yrs experience in structural design of commercial and residential buildings using wood, concrete, masonry and steel design. C.E. or S.E. license a plus, but not required. Computer literacy, home computer and Internet access on-line is required. E-mail resume to wgjones@prado.com, by fax send to 925/462-9289, or by "snail-mail" to Tri-Valley Engineering, LTD, 1228 Quarry Ln., #D, Pleasanton, CA 94566.

*Job Forum insertion fee:  
\$150 up to 450 characters/spaces  
\$15 for each 45 characters/spaces thereafter  
All job forum ads will be posted on the  
SEAONC Web Site*

### **SEAONC Multimedia Projector for Rent**

SEAONC's multimedia projector is available for rental! Voting members can rent the projector for only \$100 a day (plus a \$1000 security deposit). Contact the SEAONC office at 415/974-5147 for more details.

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successful contribution campaign that resulted in donations of over \$20,000 by our members and their firms. Your generosity and support have gotten the program to get off to a great start, allowing us to make four scholarship awards this year, which is significantly more than was envisioned in the original development of the program. We will be looking for your continued generosity and support in this worthwhile undertaking.

The other new undertaking was the re-focusing of our Public Relations efforts. Led by Board Member Steve Tipping, the committee carried out a very successful press conference on the completion of the SAC Steel Program. The press conference highlighted the efforts of our profession to successfully come together to tackle this difficult problem. Positive coverage by local print, radio and television media, as well as Reuters and CNN.com made the conference a definite success. The committee is also active in the philanthropic efforts of our organization through donations to the Engineers' Alliance for the Arts, the Summer Engineering Institute at San Francisco State University and other deserving organizations. Our successes this year have demonstrated to us that we can make progress in improving the image of our profession, but not without hard work and dedication by our membership. We look forward to future successes in this area next year and in years to come.

Your Board has been working on a few new initiatives that we plan to embark on in the coming year. The first is to begin a concerted outreach to our members that do not live or work in close enough proximity to attend our monthly meetings in San Francisco. In October, we plan to hold the first of series of meetings in the South Bay, at a site to be determined. Additional locations will be considered in the future as appropriate. Also, the Board is exploring the idea of having our Association actively participate in the Habitat for Humanity program. Our expertise in design and construction would undoubtedly allow us to make a major contribution to the continued success of this program. You will be hearing about these two initiatives and a number more during the coming months.

With all the success that we have enjoyed, I hesitate to discuss with you two major concerns that I have for the continued vitality and prosperity of our Association. The first is that our membership totals

continue to be stagnant, with no growth over the last five years. I believe a major effort to attract new members and retain our existing members should be a major focus for our Association. Second, and even more concerning in many ways, is our continued reliance on a core group of members to carry out our various activities. Many of our core committees have only a few active members to carry out their tasks. I can say without question that each member of the Association can make a significant contribution if they become involved in a committee activity. It is incumbent on each of us to consider participating on a committee or another initiative if our Association is to continue to grow and prosper.

In closing, it has truly been an honor to be SEAONC President for 2000-2001. I would like to personally thank the members of our Board of Directors this year for all their assistance and dedication throughout the year. Past President Joe Sutton, and Vice President Jon Kiland have been great to work with on the Executive Committee and have been committed to our continued success. As second year Board members, Treasurer Reinhard Ludke, Secretary Joe Maffei and Steve Tipping have been instrumental in continuing the success of our ongoing programs. Reinhard has done an especially outstanding job as our Treasurer this year. Our first year Board members, David Bonneville, Alan Kren and Simin Naaseh have brought fresh new ideas and perspectives to our discussions and have made excellent contributions in our efforts to better reach out to our membership and the community. We all owe them a debt of gratitude. I look forward to working with Jon Kiland and the 2001-2002 Board in an effort to continue to expand our reach and our successes as an organization.

*-James Malley, 2000-2001 President*

### **PR Ad-Hoc Committee Update**

*Continued from Page 3*

tion. CNN picked up the story from Reuters wire service and used it. One news service advised us that they had sent the story to 6,000 AEC professionals throughout the country. Welding Magazine will be publishing the story.

All in all, the event went well. Everyone involved felt we had accomplished our mission of making Structural Engineering more visible as a profession that makes valuable contributions to society.

*Computers and Structures*  
*Repeat Display Ad*

JUNE

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see insert

# Registration

## Structural Engineers Association of Northern California June 5th SEAONC PROGRAM

5:45 PM  
General Assembly

6:30 PM  
Dinner

7:30 PM  
Program

*"Annual Awards Dinner"*

Location:  
**The City Club**  
155 Sansome Street,  
10th Floor  
San Francisco

BART:  
Montgomery Street  
Exit,  
San Francisco

If no label is shown above, or for guests, please fill in the form below.

NAME \_\_\_\_\_

COMPANY \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE \_\_\_\_\_ FAX \_\_\_\_\_

**RSVP by fax to: 415/764-4915** or phone: 415/974-5147  
Make check payable to **SEAONC** and bring with you to the door.

**Deadline for preregistration: 12 noon, Friday, June 1, 2001**  
Dinner and program reservations are limited to 180. Register early! No cancellations after 12 noon, Friday, June 1, 2001. *No-shows will be invoiced. Tickets not claimed by 6:45 p.m. on the night of the event are subject to being sold. Note: Individuals with outstanding monthly meeting balances are required to pay in advance for a meeting reservation and pay all outstanding monthly meeting invoices.*

COST:	PRE-REGISTERED	LATE REGISTRATION
SEAONC Member	<input type="checkbox"/> \$32	<input type="checkbox"/> \$37
Junior Mbr (34 and under)	<input type="checkbox"/> \$28	<input type="checkbox"/> \$33
Non-Member	<input type="checkbox"/> \$35	<input type="checkbox"/> \$40
Student	<input type="checkbox"/> \$15	<input type="checkbox"/> \$15