



AICHE Orange County

NEWSLETTER OF THE ORANGE COUNTY SECTION, AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

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<http://www.aiche-orangecounty.org>

JULY 2003

JULY DINNER MEETING

FINDING A JOB OR SIMPLY STAYING EMPLOYED IN THIS NASTY JOB MARKET

Ronald Stein

Tuesday, JULY 22, 2003
5:30 PM

In these days of reengineering, downsizing, reorganizing, mergers, and acquisitions, the corporate mindset as well as the job market have gone through drastic changes. It is imperative for survival and to remain competitive against others offering similar services, that individuals enhance their personal networking effectiveness. With companies trending toward leaner core staffs of employees, it is highly probable that individuals will have numerous jobs throughout their career and may even be employed through an agency to be one of those people supplementing an existing core staff. Attendees will learn about the Nineteen Steps to Improving Their Networking Effectiveness and learn about the many features to consider when selecting an agency that may serve as your employer while you are in a supplemental staffing position at some time in your career.

Ronald Stein, CEO of Principal Technical Services, Inc., a supplemental technical staffing firm in Lake Forest, California, reveals inside secrets to formulating a successful networking program. Mr. Stein has been a guest lecturer at UCI on the subjects of resume preparation and networking. Mr. Stein is actively involved in numerous technical societies, inclusive of the Project Management Institute (PMI) and the Western Council of Construction Consumers (WCCC). As the Program Chairman of the WCCC and a member of the Board of Directors of the WCCC, Mr. Stein get exposure to all the major players that design, build and operate the various infrastructures in

California.

Ronald Stein is a recognized leader in the supplemental staffing arena for engineers and designers. He has been recognized for his outstanding contributions to the advancement of the engineering profession by being inducted as a Fellow into the Institute for the Advancement of Engineering (IAE). The IAE represent over 160,000 engineering professionals in 70 professional societies across Southern California.

Meeting Schedule:

5:30 p.m.	Social Hour
6:30 p.m.	Dinner
7:20 p.m.	Break
7:30 p.m.	After-Dinner Program

Place: Wyndham Garden Hotel, Costa Mesa

Directions: From Interstate 405, go north on Bristol Ave., right on Anton, left on Avenue of the Arts. The Wyndham is on the right at 3350 Avenue of the Arts, Costa Mesa.

Reservations: Please make a reservation at (949) 261-2622 by voice by Friday, JULY 18, 2003. Or, you may email your reservation to janice.west@ps.ge.com. Please specify your preference for either the main menu or the vegetarian menu when making your reservation.

Cost: Members, \$20 with a reservation, \$25 at the door; Non-Members, \$25 with reservation, \$30 at the door; Students/Unemployed/Retired, \$5 with reservation, and \$10 at the door

Important Meeting Notice

- **Starting with the month of June, every third meeting a member attends is FREE with reservation**

Southern California AICHE Meetings

The section for the LA area normally meets every 3rd Tuesday at the Quiet Cannon in Montebello. For reservations call (800) 274-3847. Visit their web site for the latest information
www.geocities.com/aiche_sc



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CALL FOR PAPERS

Presenters wanted for dinner topics and poster sessions for a special technical series tentatively scheduled for this summer. Warm-up for a national meeting, or just present your Senior Project. Please contact the Program Chair with your topic.

New Officer Announcement

Our president would like to proudly announce Dr. Yam Lee's acceptance to be the College Relation Chair for our AIChE Orange County Chapter.

Dr. Yam Y. Lee is the principal of Y.Y. Lee Consulting Services and the founder of Global Success Inc. providing consulting services in the areas of energy, environmental control and management since 1996. He has extensive research experience in both industry and academia.

Dr. Lee received his B.S. degree from the University of Wisconsin-Madison and his Sc. D. degree from the Massachusetts Institute of Technology, both in chemical engineering. After graduate studies, he joined the faculty of the Department of Chemical Engineering of the University of Mississippi and was promoted to Associate Professor. During his five years of teaching career, Dr. Lee was the recipient of the Outstanding Engineering Faculty Member of the Year Award.

With nine years of experience in various technical and management positions at Ahlstrom Pyropower, Inc., he has gained international reputation for his contribution to the field of circulating fluidized bed combustion. Dr. Lee holds six U.S. patents and has over forty publications in books, journals and conference proceedings. Recently, he has managed various international multi-disciplinary research projects in the area of energy and global change for ABB Corporate Research in Switzerland. In addition, he has been active in the AIChE and served for three years as the Director of the Heat Transfer and Energy Conversion Division.

KEEPUS By Bob Katin

The following are excerpts from a report by Bob Katin, PE who is chairing AIChE's KeepUS lobby group:

We are currently waiting for the Task Force to review the Independent Consultant (ISR's) report of NOV 2002. We hope the Task Report's conclusion will result in introduction of a Bill in JAN 2004 to rewrite the State Engineers' Act. I wanted to take this opportunity to thank fellow ChE's who have provided recent support to change the State law to

allow ChE's to legally work in CA, without having to be supervised by a Civil Engineer. This list includes support provided between May 2001 to June 2003. Recent details are posted on the NorCal AIChE website (<http://www.aiche-norcal.org/>). We are still trying to increase distribution of this e-Newsletter. If you know of other ChE's, regardless if they are members of AIChE, please let me know.

Background information is posted on the NorCal AIChE website <http://www.aiche-norcal.org/> and from the home page select the tab on the top left corner for ADVOCACY.

Legal Corner

Federal Appellate Court Strikes Down EPA's Use Of Administrative Compliance Orders

Peter Hsiao and Siegmund Shyu, Morrison & Foerster LLP

The U.S. Court of Appeals for the Eleventh Circuit (which has jurisdiction over Alabama, Florida, and Georgia) on June 24 struck down as unconstitutional certain provisions of the Clean Air Act relating to EPA's use of an administrative compliance order ("ACO"). (Tennessee Valley Authority v. Whitman, No. 00-15936). ACOs are orders issued by EPA to compel information from parties, or force them to undertake certain other actions. Under the statutory scheme, the parties must comply with the ACO, without the benefit of a challenge in court, or face substantial monetary penalties. The TVA v. Whitman case involved one of EPA's New Source Review ("NSR") lawsuits against energy companies, in this case TVA. EPA alleged that TVA's projects involving replacement of boiler components were subject to NSR. It issued an ACO to require TVA to identify the modifications undertaken without the permits and to enter into a compliance agreement with EPA. TVA challenged the ACO. The Eleventh Circuit held that allowing EPA to impose penalties based solely on a party's noncompliance with an ACO, without formal adjudication, violated the Due Process Clause of the U.S. Constitution. As a result, the court held that ACOs are legally inconsequential.

EPA Names New Acting EPA Administrator

On July 10, President George W. Bush named



Marianne Lamont Horinko as Acting EPA Administrator. The previous Acting EPA Administrator, Linda Fisher, who had been serving as EPA Administrator in place of Christine Todd Whitman (who had previously resigned effective June 27) will herself leave office. Horinko previously was the Assistant Administrator for Solid Waste & Emergency Response. Horinko was trained as an attorney, receiving her law degree from Georgetown University Law School, and has worked as both an attorney and a scientist. She has been praised for her previous work in the environmental cleanup resulting from the September 11 attacks, the U.S. Capitol's anthrax incident, and EPA's response to the Space Shuttle Columbia Disaster.

Something Completely Different

In a seeming paradox, researchers have found that city trees grow twice as large as rural trees. According to the Associated Press, Cornell University scientists in an upcoming article of the journal Nature discovered that trees in New York City grow twice as large as those in the countryside. The scientists concluded that the rural trees suffered from higher sustained levels of ozone that originated in the city. The ozone that forms in cities is caused by cars and industrial emissions, but soon blow out of the city into the countryside. Because nitric oxide levels are lower in the countryside than in the city, the ozone remains in the atmosphere longer in rural areas. The research was done on genetically identical cottonwood trees from cuttings taken from the same tree and placed at seven sites: four in New York City, and three in rural Long Island or upstate New York.

Legal Corner reports on recent news, and is not intended to be legal advice. The reader should consult an attorney about the specific facts before acting upon this information.

Do We Have Your E-Mail Address?

Newsletter delivery by e-mail has proven to be more reliable and expedient than the postal version. If you would like to receive the e-mail version, especially if you only want the e-mail version, please contact the editor at Kris_Ip@edwards.com. Postage presently consumes a significant portion of our budget and volunteer time.

Newsletter Contributors Wanted

The newsletter editor would like to hear from you if you have one or more brief articles to contribute, especially a review or brief discussion of a good website, technical book, etc.

Professional Engineering Employment Update

Job Seeking Members can receive a list of web sites of area companies that sometimes hire ChEs. Contact the Senior Member Everett Knell at EWKnell@aol.com to receive this list by e-mail.

Job Opportunities

① If you have an employment opportunity in Southern California for a chemical engineer, the newsletter will advertise it for free.

2003 Orange County AIChE Officers

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