

Upcoming Dates...

November 10: Executive Committee Meeting and WRM Planning Meeting

December 8: Executive Committee Meeting and WRM Planning Meeting

March 22-26: National Meeting: Denver, CO

November 5-7: Western Regional Meeting, CSU-San Marcos

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Special Edition - Voting Matters

It is time to vote for next year's representatives for the Orange County Local Section, the Divisions and the National leaders for the American Chemical Society. You should start seeing E-mails and mailings with ballots and information on who is running. Please take a little time over coffee, during lunch or while you wind down at the end of the day and vote in each of these—as it is very important to the future of the Society as a whole.

This issue of the OCACS Elements contains candidate biographies and statements to support the ballot you should be receiving very soon. You can mail your Orange County ballot back or you can scan it and E-mail it to OCACSChair@gmail.com. We want to make sure everyone has a chance to vote. Please note the deadline on your ballot and ensure that your ballot is submitted before that date.

Next year, we will be reviewing ways to automate the voting process, in order to make it more accessible to OC Local Section members. If you would like to volunteer to help the Local Section with voting next year or would like to volunteer for any of our upcoming activities, such as National Chemistry Week, the Western Regional Meeting, the Education Committee, the Environmental Committee or the Women Chemists Committee, please contact us at thompsoniplaw@cox.net.

2015 Western Regional Meeting

The Orange County Local Section is hosting the Western Regional Meeting next November, and we have several areas where volunteers can get involved, including:

Programming Committee: working with our co-chairs to reach out to scientists in our Section and Region to request papers and to plan half-day or full day sessions. This Committee may also work on the Special Symposia, including a Nobel Laureate symposium, a Fire & Water Symposium and a Crystallography symposium.

Awards Committee: working with our chair and committee members throughout the Region to select the award winners for several Region and Local Section awards, along with helping to judge high school and college student poster sessions on site in November 2015.

Exhibitors & Sponsors Committee: working with our co-chairs to reach out to companies in the Region to secure sponsorships and to secure exhibitors, who will join us in November 2015 at WRM.

General Planning: these volunteers will be a part of the Planning Committee and help where needed.

Please let us know how you would like to get involved, and we will put you in touch with the appropriate leaders. E-mail us at WRM2015Chair@gmail.com.

2015 OCACS Ballot Candidate Statements

Candidate for 2015 Chair-Elect

Dr. Michael Kleinman

Dr. Michael T. Kleinman is a Professor of Occupational and Environmental Medicine in the Department of Medicine at the University of California, Irvine (UCI), with a joint appointment in the Program in Public Health. He has been studying the health effects of exposures to environmental contaminants for about 40 years. He holds a M.S. in Chemistry (Biochemistry) from the Polytechnic Institute of Brooklyn and a Ph.D. in Environmental Health Sciences from New York University. He is the Co-Director of the Air Pollution Health Effects Laboratory at UCI. He has published 115 articles in peer-reviewed journals dealing with environmental contaminants and their effects on cardiopulmonary and immunological systems and on global and regional distribution of environmental contaminants including heavy metals and radioactive contaminants from nuclear weapons testing. Dr. Kleinman's current research focuses on neurological and cardiopulmonary effects of inhaled particles, including nanomaterials and ultrafine, fine and coarse ambient particles in humans and laboratory animals. He is the current Chair of the Orange County ACS section and has previously served the section as Secretary and Environmental Committee Chair. He was appointed to Chair the State of California Scientific Review Panel for Toxic Substances and is currently a member of the Board of Scientific Councilors for the Center for Disease Control and Prevention (CDC) ATSDR/NCEH Centers.

Candidates for 2015 Secretary

Dr. Sangeeta Day

Dr. Sangeeta Dey works at Irvine Pharmaceutical Services, a leading contract research organization located in Irvine, California. Her expertise includes asymmetric catalysis, analytical method development, combinatorial screening, enzymes for organic chemistry, etc. Sangeeta earned her Ph. D. in chemistry from the University of Nebraska (2007) and postdoctoral training from the University of Pennsylvania, and Princeton University. Sangeeta has been a member of ACS since 2001. She was an active member of PLU – Rho chapter, an honorary chemical society at the University of Nebraska.

Dr. Keisuke Ikehata

Dr. Keisuke Ikehata is the Advanced Water R&D Manager at Pacific Advanced Civil Engineering (PACE), Inc. in Fountain Valley, California. Dr. Ikehata received his B.Eng. (Applied Chemistry), M.Eng. (Civil Engineering), and Ph.D. (Civil and Environmental Engineering) from Doshisha University, Kyoto, Japan, McGill University, Montreal, Quebec, Canada and University of Alberta, Edmonton, Alberta, Canada, respectively. He performed an undergraduate thesis research on biomimetic polymer synthesis at Doshisha University. Before moved to Southern California in 2009, Dr. Ikehata worked as a postdoctoral research associate in the Department of Medicinal Chemistry at the University of Kansas, Lawrence, Kansas from 2004 to 2005 and as a research associate and sessional lecturer in the Department of Civil & Environmental Engineering at the University of Alberta from 2005 to 2009. Dr. Ikehata is a registered professional environmental engineer in Alberta and Arizona. His research interests and areas of expertise include aquatic chemistry and biology, xenobiotics toxicology and risk assessment, water and wastewater treatment technologies, water reuse, desalination, and environmental microbiology and biotechnology. Dr. Ikehata has published more than 90 technical publications, including original research articles, review papers, invited book chapters, edited conference proceedings, conference papers, and professional magazine articles.

Dr. Ikehata has been a member of the American Chemical Society (ACS) since 1999. He is a member of Environmental Chemistry (ENVR) and Chemical Toxicology (TOXI) Divisions. Dr. Ikehata's professional affiliations also include American Water Works Association (AWWA), Chemical Society of Japan, International Ozone Association-Pan American Group (IOA-PAG), Japan Ozone Association (JOA), Japanese Society of Environmental Toxicology, and Water Environment Federation (WEF). He is currently the secretary for the Research Committee of the California-Nevada Section of the AWWA, a member of the Technical Program Committee of the IOA-PAG (co-chaired the committee in 2008 and 2010), a member of the Water Quality Committee of the JOA, and a member of the Literature Review Committee of the WEF. Dr. Ikehata is also an active member of the Environmental Committee for the Orange County Section of the ACS.

2015 OCACS Ballot Candidate Statements

Candidates for 2015-2017 Councilor

Robert Cohen

In the upcoming Orange County Section election I am asking you to support my re-election as councilor. Please vote for me!

I see my role in promoting inclusiveness such as allowing chemistry teachers who do not have chemistry degrees to become ACS members. I see a need for expansive and convenient networking opportunities. ACS membership is often divided into academic and industrial members. Academics tend to publish and give presentations at meetings; industrials tend not to due to patent intellectual property issues. I think ACS should look into more onsite seminars and training at industrial sites.

Education K through 12, as well as college and university, are major targets of ACS programming. How about the general non-technical population? Underserved populations? As a counselor, I discuss issues with ACS members at meetings with the objective of planting seeds.

Working with the Membership Affairs Committee, it is apparent that a basic problem with retaining members is the value of ACS membership-- what members get for their dues. Several of my ideas have been implemented such as the sci-finder and pubs membership benefits; other ideas are in testing. A lack of effective communication of available benefits can be solved by a decision-tree modeled application. Such an app could create a better understanding of the value of ACS membership. I will continue to brainstorm for more helpful ideas and pass them on to those who can implement them.

I received my BS Degree in Chemistry from California State University, Los Angeles, and my MS Degree in Physical Chemistry from the University of California, Riverside. I also completed all the course work for a MS degree in Environmental Engineering at Cal Poly Pomona.

I retired in 2001 from the Metropolitan Water District where I was the Quality Assurance Coordinator for the Water Quality Division. From 1968, I have worked at various positions in the laboratory including treatment plant controls, sample analysis for compliance monitoring, plant unit process optimization, quality control, and analytical method development and documentation.

I have been a member of ACS since 1969, and have been active with the Orange County Section for thirty years, first as a member, then as the chairperson of the Environmental Committee, as Chair of the Section, as Section Treasurer, as Alternate Councilor, and as Councilor. During my tenure as councilor I served on the Constitution and By-laws Committee and am currently serving on the Membership Affairs Committee. Twenty years ago I started the Retired Chemists Committee and helped initiate the MTBE Committee. I have been Chair of the membership, arrangements, and programing committees. I am a member of the Analytical and Environmental Divisions.

I have also been active with the American Water Works Association for 32 years. During this time I have been active in several section and national committees, serving as the chairperson of the California Nevada Section's Laboratory Analysts Certification Committee, and Water Quality Analysis Committee. I am past -Chairperson of the Section's Water Quality Division, and was a member of the Standards Methods, Water Treatment, Source Water Quality, Research and Water Quality Analysis Committees. I retired in 2001 from the Metropolitan Water District where I was the Quality Assurance Coordinator for the Water Quality Division.

I served on an advisory committee for the California Department of Health Services. This committee tested analytical methodology at the laboratories of committee members. It was apparent that USEPA approved methodology is often insufficient to establish compliance with regulations.

I have been a member of AAAS since 1967 where I most recently participated in a meeting of the Executive Committee of the AAAS Pacific Division's Executive Committee. I would greatly appreciate your vote in the upcoming Orange County section election.

(Candidate Statements Continued on Page 5)



Join OCACS Online

The Orange County Local Section is online and there are several ways to connect, get information and join the conversation.

Our website is always the first and best place to start for all of the information about our Section. You can connect there at www.ocacs.org. We have information about our Section, along with links to the other Southern California Local Sections.

To get weekly bits and bites about the Section's activities, awards and upcoming events - become a Fan on Facebook. Our Section can be found at www.facebook.com, then search for American Chemical Society (Orange County Local Section).

If you are looking for updates, but only have room in your day for 140 characters or less - then look for us on Twitter. You can find us by

searching @OCACSCHEM at www.twitter.com.

If you want to speak at one of our Dinner Meetings, invite us to videotape one of your lectures or presentations for our website or get involved in the Local Section, E-mail us at:

OCACSCHEM@gmail.com

OCACS@sbcglobal.net or

thompsoniplaw@cox.net.

Advertise and Post Job Openings

With the OCACS

"Advertise with or sponsor OCACS and reach 1200 Chemical Professionals in the Orange County area."

Our Electronic Newsletter will be sent out to over 1200 Orange County chemistry professionals, teachers and students once a month on or around the 15th.

Your company can be front and center to members of our Local Section on a monthly or quarterly schedule.

If you would like to put your ad or job posting in our electronic newsletter, please send your ad and/or job posting, in PDF form (color or black and white) to:

OCACSCHEM@gmail.com

Our rates are as follows:

Monthly:

1/4 page:	\$25
1/2 page:	\$50
Full page:	\$100

Quarterly (3 issues):

1/4 page:	\$60
1/2 page:	\$125
Full page:	\$250

Job Postings

We are also starting a Job Postings section in our newsletter and online for those companies who want to post a job opportunity. Our rates are \$10/month for a combined online and newsletter job posting. In order to post your job posting, we need the Company Information, Job Title, Job Location, Job Description, Requirements for Application and Deadline for Applications (if available). Send that information to OCACSCHEM@gmail.com.

Don't miss this opportunity to reach out to the Orange County chemistry community!

2015 OCACS Ballot Candidate Statements

Candidates for 2015-2017 Councilor

Dr. Sandra Thompson

I have been an active member of the American Chemical Society for 25 years, and a member of the Orange County Local Section, since I moved to California in 1998. As part of my volunteer service for the American Chemical Society, I have chaired the Chemistry & The Law Division (CHAL), Chaired the Orange County Local Section, and acted as Newsletter Editor for CHAL for the last 8 years.

During my 25 years of service, I've been an active member of the Chemistry & The Law Division, the Energy & Fuels Division, the Small Chemical Business Division, the Division of Analytical Chemistry, the North Carolina Section of the ACS and the Orange County Section of the ACS. I won the Middlekauf award from CHAL for outstanding volunteer service to the Division.

I regularly attend all ACS National Meetings, along with volunteering to chair the Western Regional Meeting in 2015, which will be hosted by the Orange County Section.

I earned my J.D. at Campbell University, Norman Wiggins School of Law, (1998) and a B.S. (Chemistry, 1990) and M.A. (Chemistry, 1991) at the College of William & Mary. I earned a Doctor of Philosophy degree from the Department of Chemistry at North Carolina State University. My dissertation is entitled "Control of Volatile Organic Compounds with a Pulsed Corona Discharge." As a doctoral candidate, I worked at both the Environmental Protection Agency and the Research Triangle Institute in Research Triangle Park, North Carolina. I've practiced intellectual property law for the last 16 years in Orange County, California. I currently represent several local businesses and Universities, along with domestic and international clients outside of California.

As part of my work with the Society, there are three areas where I want to make an impact as Councilor for Orange County:

Membership: expand the ranks of membership in the ACS and OCACS with younger chemists (under 40) who are active members of the Society. My goal is to work on providing the resources necessary for them to be more effective at work, while at the same time inspiring them give their volunteer time to the Section, the Society and to individual members, through mentorships, internships, presentations and articles.

Diversity: as part of my volunteer work for the society, I regularly speak to and mentor both women and minority chemists and chemistry students. It is very important for the Society to continue to recognize that the field of chemistry is expanding into careers outside of traditional areas, such as teaching and research. Chemists – especially women – are looking for non-traditional careers in the field, and the Society should both welcome and support those new careers by providing resources, salary information, and endorsement of those non-traditional careers. This point directly ties to Membership, in that if members don't feel as though they are supported or have adequate resources, they will take their membership to another professional society or association.

Technology: it is important for the Society to continue developing technology that allows the Society's members to interact with members and governance. For example, it should be a goal of the Society to consolidate all voting to one single webpage at acs.org. To do this, it would require that all Sections, Divisions and National ballots be submitted by a stated deadline and online infrastructure be developed to handle coordinating an individual ballot for each member; however, each member should be able to log in to one page at acs.org and see his or her individual ballot for the National race, their Divisional races and their Section races and vote at one time.

I understand that these goals are ambitious and that I am only one person, but I believe that the conversation must be started and feel as though the way to do that effectively is as Councilor of the Section. I welcome any questions you have at thompsoniplaw@cox.net and of course, I welcome your vote.

AMERICAN CHEMICAL SOCIETY—
ORANGE COUNTY SECTION ANNOUNCEMENT

2015 Western Regional Meeting



The 2015 Western Regional Meeting will take place on the campus of California State University—San Marcos from **November 6 to November 8, 2015**. The Meeting will feature presentations, poster sessions, an exposition, receptions and an educator's day.

When attendees aren't at the meeting, they can visit the wineries in Temecula, The San Diego Zoo, the Wild Animal Park, Legoland, various local renowned craft breweries, Oceanside and San Diego, along with other local attractions and parks.

Vendor Information:

Vendor Table and 2 Expo-only Registrations:
\$800 (\$950 after January 1, 2015)

Academic/Non-Profit Table and 2 Expo-only
Registrations: \$400 (\$475 after January 1,
2015)

Program Information:

Full Page Advertisement: \$750
Half Page Advertisement: \$500
Quarter Page Advertisement: \$250
Business Card Size Advertisement: \$150
Submit a camera-ready copy as a 300dpi digital
file by March 1, 2015. Prices go up 10% after

Sponsorship Information:

Platinum: \$10,000+
Gold: \$5000-\$9999
Silver: \$2000-\$4999
Copper: \$1000-\$1999
Session: \$750-\$999
Contact us at WRM2015Chair@gmail.com for
information as to Sponsor packages and Event

Contact us at WRM2015Chair@gmail.com
for information on the expo, vendors, sponsorship and more.

2015 Western Regional Meeting

Preliminary Schedule



Planned Technical Sessions

Analytical Chemistry	Inorganic Chemistry
Biochemical Technology	Organometallic Chemistry
Chemistry & The Law	Medicinal Chemistry
Chemical Safety	Nanomaterials
Computational Chemistry	Natural Products
Crystallography	Nuclear Chemistry
Chemical Education	Organic Chemistry
Chemical History	Pharmaceutical Sciences
Entrepreneurship	Physical Chemistry
Environmental Chemistry	Polymer Chemistry
The Chemistry of Food, Beer and Wine	Process Organic Chemistry
Fuel Chemistry	Renewables and Green Chemistry
	Women Chemists

Planned Symposia and Special Events

Fire & Water

Celebration of Western Region
Nobel Laureates

Remembering the Research of James Pitts

Keynote to the Community

Women's Networking Luncheon

Craft Beer and Networking Reception

Poster Sessions

Educational Workshops

Introduction to Intellectual Property for
Chemists

Intermediate Legal Considerations for



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