



**ACS**  
Chemistry for Life®

## June 2019 OCACS Elements

The Orange County Local Section wants to hear from you. If you would like more information about our section or how you or your company can contribute to our Section's efforts, please visit our [website](#) or contact us at [OCACSChair@gmail.com](mailto:OCACSChair@gmail.com).

Visit our Website

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### Chair's Message

It is hard for me to write this month's Chair's message because I have to tell you that this is going to be my last message for our OCACS newsletter. Later this month, I am leaving Orange County and California to move on to my next career in the Lone Star State. I must resign from the Chair for the OCACS. I feel sad to leave the OCACS because I truly enjoyed serving the local section and working with very active & committed executive board and committees. It was such a pleasure for me to serve our local section as the chairperson.

However, please do not worry! Dr. Richard Deming, our Chair-Elect will become the Chair after my departure. As many of you know, Dr. Deming is an exceptional leader and has a long history within the OCACS office, as well as the national ACS committees. I have no doubt that the members of the OCACS will be in good hands with him.

I remember when I started being involved in the OCACS back in 2014 when I was working with a water resources engineering firm in OC. Dr. Ganesh Rajagopalan (Kennedy/Jenks Consultants) brought me to the Environmental Committee first, then to the Executive Committee. Then, with encouragement & great support of the Executive Board members, I was given an opportunity to serve as a Program Co-Chair (with Dr. Michael Kleinman, UCI) for the Western Regional Meeting



(WRM 2015) at California State university, San Marcos. We organized the technical program consisted of 28 symposia + poster sessions for WRM 2015. I presented a paper in the Environmental Chemistry Symposium as well. The reception at Stone Brewery was really fun! (<http://wrm2015.sites.acs.org/wrm2015photographs.htm>) I felt that I really became part of the OCACS at that time. I still remember that happy moment!



Since then, the OCACS has been my favourite organization! I learned a lot through my 5 years of volunteer experience within this amazing ACS local section with lots of incredible fellow chemists, which definitely helped me build my professional career.

My last message to our section members is: **Please consider getting involved** in your local section's activities to embrace what the OCACS can offer to you. No commitment is necessary! We can start with just coming to a meeting & having a good time together. Then, once you find your favourite activity (in my case, it was our environmental meeting), please consider playing a role by joining a committee and/or executive board to help your local section. Our executive board and committee chairs would love to hear from you. We are all volunteers with extremely busy day (& night) jobs and lives. **Your help can make a BIG difference!**

Again, it was such a pleasure for me to be the OCACS chair for 6 months. It was too short! I will miss OC and the OCACS. I really thank the current and past OCACS Executive Board members for their continued friendship, encouragement and support. I also thank everyone who attended the OCACS events! Please keep coming back & become part of this amazing local section.



I hope to see you again somewhere!

Dr. Keisuke Ikehata  
Chair, Orange County Section

## Thanks to Dr. Ikehata!

Dr. Keisuke Ikehata, our current Chair, has accepted a position as Assistant Professor of Engineering at Texas State University in San Marcos, TX. We are sorry to see him leave after his valuable service to OCACS over the past six years as Chair, Chair-Elect, Alternate Councilor, and Associate Member of the national ACS Committee on Environmental Improvement. He has led our Section with energy, creativity and innovative approaches and has been active in support of young members and student volunteers.

Dr. Ikehata received his Bachelor of Engineering from Doshisha University, a Master of Engineering from McGill University, and a PhD in Civil and Environmental Engineering from the University of Alberta. He has also been active in the American Water Works Association, the International Ozone Association Pan American Group, and the Japan Ozone Association. He was Adjunct Professor at UC Riverside in the Department of Chemical and Environmental Engineering, Lecturer in the Department of Chemistry and Biochemistry at Cal State Fullerton, and Technical Specialist at Pacific Advanced Civil Engineering here in Orange County for several years. He has published over 32 peer-reviewed papers and 12 book chapters and articles, and has received numerous grants for his research and applications in chemistry, biotechnology and environmental engineering.



We wish Dr. Ikehata continuing success in his new position and thank him for his leadership! Dr. Ikehata can be reached at [kikehata@txstate.edu](mailto:kikehata@txstate.edu).

-The Executive Committee of OCACS

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## OCACS Environmental Committee Update

### Environmental Committee Meeting in July

Our Environmental Committee is planning to have our third environmental meetings in July. Dr. Violet Renick of Orange County Sanitation District (OCSD) will be our speaker. Dr. Renick will give a presentation on the analytical methods for microplastics, emerging contaminants in water and wastewater. More details will be announced soon. If you want more information about the environmental committee, please contact the committee chair Dr. Ganesh Rajagopalan ([RGanesh@KennedyJenks.com](mailto:RGanesh@KennedyJenks.com)).





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## Education Committee Update

### **2019 ACS High School Awards Banquet Report by Ms. Helen Wagner, Education Committee Member and Reservation Coordinator**

On May 21, 2019 ACS High School Awards Banquet at CSUF went very well. Attendance included 107 students, 44 teachers, 101 paying guests of students and teachers, 12 ACS members and other invited guests. A total of 264 attended the dinner and an additional 21 people attended just the ceremony.



### **Chemistry Olympiad National Results by Mr. Brent Shenton, Chemistry Olympiad Coordinator**

The national average was 30.8 or 51.3% while our Orange County average was 44.7 or 74.5%. Our lowest scorers were substantially above the national average. We had two with a score of 56 or 93.3%. Both of them are among the top 20 in the nation and will attend the study camp. 10 out of the 13 that took the test from the county scored at the honors level or higher (top 15% in the country). Only one other section had as many reach this level as ours.

If you are interested in joining the committee (meetings in Sept/Oct, Nov, Jan, March, June), please contact Carol Grimes at [cgrimes@gwc.cccd.edu](mailto:cgrimes@gwc.cccd.edu). You are

invited to come and see what we do – no commitment is necessary!



## Government Affairs Committee Update

### Interesting Science & Chemistry Events & News

In 2019, the SciX conference will be held in Southern California! It is organized by FACSS, who write: "SciX welcomes abstracts in all areas of analytical chemistry and data sciences. The 2019 program features sessions in electrophoresis, mass spectrometry, biopharmaceutical analysis, nanotechnology, vibrational spectroscopy, process technologies, biomedical analysis, forensics and much more. Join us in sunny Palm Springs, Oct 13-18". More details may be found at the conference website, <https://www.facss.org/SciX-2019> . Disclaimer: FACSS is not affiliated with OCACS.

The FBI Weapons of Mass Destruction (WMD) Directorate works with academic institutions to build awareness of chemical security. They ask chemists to be aware of chemicals, equipment, knowledge, or persons that could enable a chemical attack, in which chemicals are deliberately used to cause harm. We encourage the reader to discuss chemical security with your colleagues. For more information visit <https://www.fbi.gov/investigate/wmd> or contact [chemteam@ic.fbi.gov](mailto:chemteam@ic.fbi.gov). Please report suspicious behavior at 1-855-TELL-FBI.

LA Area Metropolitan MS Discussion Group (LAMMS) has announced their June meeting, June 20 in Costa Mesa. Details and registration at: <http://www.lamms.org/>.

The Government Affairs committee of OCACS supports the ACS Committee on Public Affairs and Public Relations. The GA committee supports agencies and elected officials of federal, state, and local government. Since ACS is a non-profit, ACS cannot recommend how elected officials should vote but can act as a resource. The GA committee and other OCACS committee members recently contacted a Congressperson and a STEM education coordinator in Orange County and will continue to reach out. Suggested ideas, activities, and contacts are most welcome! Please contact our Government Affairs Committee



## Younger Chemists Committee Update

The Younger Chemists Committee (YCC) of OCACS has been organizing and executing chemistry events at the Children's Hospital of Orange County clinic since July 2018. We bring supplies to the hospital to set up science experiments for patients and their families to boost their interest in science, especially chemistry. It is important for us to do experiments that can easily be re-created at home, so the children can further explore their curiosity. Some experiments include "Lava Lamps," "Elephant Toothpaste," and "Non-Newtonian Slime," among many others.

If you are interested in joining the YCC, please contact our committee chair Monica Gutfinger ([monicagutfinger@gmail.com](mailto:monicagutfinger@gmail.com)).

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## A Chemistry Teacher Wanted at Servite High School in Anaheim

### Job Description / Essential Elements

This is a full time position well-suited for a motivated individual who is passionate about Chemistry. The successful applicant will demonstrate an ability to embrace and understand the private Catholic school environment and be able to utilize this subject to form young men into faith filled leaders.



### Requirements / Qualifications

Submit the following documents only

- Copies of transcripts with Degree Posted
- Copy of Credential (not required, but preferred)
- Letter of Interest for this specific job
- Resume
- Three (3) Letters of Recommendation (dated within the last two years)

### Comments and Other Information

Servite High School is an all-boys Catholic high school in Anaheim, CA. Guided by the charism of the Order of Friar Servants of Mary, the school forms faith-filled leaders through a rigorous college preparatory curriculum, a strong spiritual and formation process, and a highly-engaging co-curricular program. We are looking for highly-qualified faith-filled individuals who have a clear understanding of how they will help further the mission of the school and foster its Catholic spirit and identity. Ideal candidate possesses prior teaching experience. AP Chemistry experience a plus. Candidate could also be asked to teach Physical Science, depending on need. Candidate may be asked to attend an AP Chemistry conference during the summer at school's expense.

if interested, apply at [edjoin.org](http://edjoin.org) or send information to Principal, Mr. Mike Brennan at [mbrennan@servitehs.org](mailto:mbrennan@servitehs.org).

6 <b>C</b> Carbon 12.0107	1 <b>H</b> Hydrogen 1.00794	99 <b>Es</b> Einsteinium (252)
12 <b>Mg</b> Magnesium 24.3050	53 <b>I</b> Iodine 126.90447	16 <b>S</b> Sulfur 32.066
22 <b>Ti</b> Titanium 47.867	88 <b>Ra</b> Radium (226)	39 <b>Y</b> Yttrium 88.90585

## Get Involved & Support OCACS

If you want to network with over 1300 chemists in Orange County, host a technical tour, speak at one of our dinner meetings or science cafes, explore leadership opportunities, or advertise with our Section, please visit our [website](#) or E-mail us at [OCACSLocalSection@gmail.com](mailto:OCACSLocalSection@gmail.com) and [OCACSCChair@gmail.com](mailto:OCACSCChair@gmail.com).

We would love to hear from you!



## OCACS 2019 Executive Board & Committees

Chair	Dr. Keisuke Ikehata	<a href="mailto:keisuke.ikehata@yahoo.com">keisuke.ikehata@yahoo.com</a>
Chair-Elect	Dr. Richard Deming	<a href="mailto:rdeming@fullerton.edu">rdeming@fullerton.edu</a>
Past Chair	Dr. Sandra Thompson	<a href="mailto:OCACSWCC@gmail.com">OCACSWCC@gmail.com</a>
Treasurer	Mr. Robert Cohen	<a href="mailto:cohenr@sbcglobal.net">cohenr@sbcglobal.net</a>
Secretary	Dr. Beverly Matsuda	<a href="mailto:BevMatsuda@iusd.org">BevMatsuda@iusd.org</a>
Councilor	Dr. Rabin Lai	<a href="mailto:rabin@academysavant.com">rabin@academysavant.com</a>
Councilor	Mr. Robert Cohen	<a href="mailto:cohenr@sbcglobal.net">cohenr@sbcglobal.net</a>
Councilor	Dr. Sanda Sun	<a href="mailto:sanda.sun@gmail.com">sanda.sun@gmail.com</a>
Alt. Councilor	Dr. Keisuke Ikehata	<a href="mailto:keisuke.ikehata@yahoo.com">keisuke.ikehata@yahoo.com</a>
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Alt. Councilor	Dr. Sandra Thompson	<a href="mailto:OCACSWCC@gmail.com">OCACSWCC@gmail.com</a>

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Environmental Committee	Dr. Ganesh Rajagopalan	<a href="mailto:rganesh@kennedyjenks.com">rganesh@kennedyjenks.com</a>
Program Committee	Mr. Robert Cohen	<a href="mailto:cohenr@sbcglobal.net">cohenr@sbcglobal.net</a>
Younger Chemists Committee	Ms. Monica Gutfinger	<a href="mailto:monicagutfinger@gmail.com">monicagutfinger@gmail.com</a>
Women Chemists Committee	Dr. Sandra Thompson	<a href="mailto:OCACSWCC@gmail.com">OCACSWCC@gmail.com</a>
Government Affairs Committee	Dr. Mark Hanning-Lee	<a href="mailto:markhl@prodigy.net">markhl@prodigy.net</a>
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