



OCACS Elements

The Orange County Local Section is excited to launch this monthly update of Section activities and upcoming events. 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.

Visit our Website

OCACS Shines at National Chemistry Week Festivities



The Orange County section's National Chemistry Week celebration, Science at the Zoo, was held on October 16, 2016, at the Santa Ana Zoo. This is a small zoo with many educational programs, which has been cooperating with our local section continuously since the late 1990s for NCW.

The vision for this yearly event has been much increased participation in Science at the Zoo by the Orange County population, particularly by the members of the local Santa Ana and Tustin communities, which are overwhelmingly Hispanic. The Hispanic population in general is underrepresented in the sciences at the college level, and we wanted to help introduce the concept that "Science is Fun" to this population. At the same time, most families in the area cannot afford to pay for the entire family to go to the zoo, even with its modest prices. Our collaboration with the zoo has meant free admission for the local population of Santa

Ana residents and nearby Tustin residents.

We had more than 150 volunteers from the college/university groups, who put on the hands-on science experiments. 12 college/university groups participated, using "student power" to staff the exhibits and help the attendees with the hands-on experiments. Volunteers from Whittier Christian High School passed out the **Celebrate Chemistry** (in both English and Spanish) booklets we had obtained from ACS and helped put on our mole-themed temporary tattoos and NCW stickers.

Additionally, we had a science show – "Rudy's Radical Science Show" – featuring Rudy Gonzales, which attracted a full house. Total attendance this year was 1874, excluding the more than 150 volunteers. Of the 1874 total, more than 600 were children over the age of 3, so we had a large target audience. Science was indeed fun that Sunday!

If you want more information on this effort, please visit our [website](#).



Join us for our [November Dinner meeting](#) on Thursday, November 17 for a look at Chemical Communications in Bacterial Communities. You may attend the program only without dinner. Your RSVP for dinner or program only is due by noon on November 15, 2016. For more information, please visit our [website](#).

Watch your inbox this month for information on voting for our 2017 Executive Committee members. We have a terrific slate of candidates.

If you want to get more involved with our Local Section, please contact OCACSCChair@gmail.com. We welcome your insights, experience and energy!

Environmental Committee

On October 27, 2016, we had another very successful environmental group meeting. Mr. Gregg Oelker (Suez) was our speaker. Mr. Oelker presented a very intriguing presentation titled "The Edward C. Little Water Recycling Facility: Solve One Challenging Problem and Create Others".

This concluded our 2016 meetings. We would like to thank all the participants of our bi-monthly meetings, especially the following speakers who spoke at our bi-monthly meetings in 2016:

- Dr. William Tolley, Seacoast Science, Inc.
- Dr. Amy Childress, University of Southern California
- Dr. Linda Y. Tseng, Colgate University
- Ms. Chiharu Miwa, Kyoto University
- Mr. Gregg Oelker, Suez



We will resume our monthly meetings in January/February 2017. Wishing everyone a happy holiday season. We are always looking for ideas for our bi-monthly meetings. Please contact us if you have any questions, comments, or suggestions. If you are interested in joining our group, please contact

us.

[Dr. Ganesh Rajagopalan](#), Kennedy/Jenks Consultants

[Dr. Keisuke Ikehata](#), Pacific Advanced Civil Engineering (PACE)

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

We would love to hear from you!

OCACS Executive Committee

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