

October 2012 Newsletter

- I National Chemistry Week Celebration at the National Museum of Nuclear Science
- II National Chemistry Week Celebration at the Explora Museum
- III ACS Rocky Mountain Regional Meeting - Westminster, CO
- IV Fall Symposium at New Mexico Tech – Chemistry Department
- V ACS Climate Science Toolkit
- VI 2012 Rio Grande Symposium on Advanced Materials
- VII High-Tech Halloween at the Los Alamos Bradbury Museum
- VIII ACS International-Domestic Student Summit
- IX New ACS Fellow
- X Next Big Idea Festival in Los Alamos
- XI Your ACS Publications Member Benefit
- XII Restrictions on Government Employees Attending Scientific Meetings
- XIII Statement on the ACS v. Leadscope Settlement
- IXV ACS National Elections
- XV Local Section Officer Elections
- XVI Local Section Officers
- XVII Changes of Address

I. National Chemistry Week Celebration at the National Museum of Nuclear Science

The National Museum of Nuclear Science & History will celebrate National Chemistry Week on Saturday, October 20 through a Mole Day event. The Museum will have activities from 10 am to 3 pm and through the support of our Local Section kids can enter the Museum free (9 am to 5 pm) if accompanied by a paying adult.

2012 marks the 25th anniversary of National Chemistry Week, which invites businesses, schools, and individuals to organize and participate in community events with the common goal of promoting the value of chemistry in everyday life. The theme for National Chemistry Week 2012, which runs from October 21 through October 27, is “Nanotechnology: the smallest BIG idea in science.”

Several of the activities at the event will be facilitated by student and staff volunteers from the University of New Mexico Chemistry Club and the UNM Center for Biomedical Engineering. Anyone interested in assisting with any activities at the Mole Day event may contact Rachael Cutrufello (Director of Education) at the National Museum of Nuclear Science and History [rcutrufello@nuclearmuseum.org].

Museum attendees can also take in the new “Nano” exhibit about the big ideas that come from the small world of nanoscience. The exhibit was designed by the Nanoscale Informal Science Education Network (NISE Network - www.nisenet.org/).

II. National Chemistry Week Celebration at the Explora Museum

Explora Museum will celebrate “Nanotechnology: the smallest BIG idea in science” during National Chemistry Week on October 21–27. This week long program will feature activities presented by Portal to the Public (PoP) Scientists, National Science Foundation (NSF) Student Interns, Nanoscale Informal Science Education Network (NISE), and ACS volunteers.

Three NSF sponsored Explora High School Student Interns have been selected to help visitors learn about nanotechnology. To prepare for the celebration, Mr. Christian Pules (Rio Grande High School), Ms. Jasmine Prieto (Highland High School), and Ms. Liz Nevarez (Valley High School) came to Sandia National Laboratories’s Advanced Materials learn about nanotechnology research and the chemistry used to synthesize nanomaterials. Students are being mentored by Dr. Bernadette Hernandez-Sanchez. **We also need your help!** ACS Volunteers are needed to present NISE Nano Day’s Kits or ACS/Explora Chemistry Kits during October 22–25th.

Please contact Bernadette Hernandez-Sanchez at baherna@sandia.gov or 505-272-7656 for more details.

III. ACS Rocky Mountain Regional Meeting - Westminster, CO

The Colorado Local Section will be hosting the 2012 ACS Rocky Mountain Regional Meeting in Westminster, CO over October 17-20. The meeting will feature a number of plenary presentations:

A combinatorial and distributed search for semiconducting oxides that photoelectrolyze water
Bruce A. Parkinson, University of Wyoming

Greener nanoscience: Advancing applications and reducing implications through material and process design
Jim E. Hutchison, University of Oregon

Nanoparticles for Therapeutics and Diagnostics
Vincent Rotello, University of Massachusetts at Amherst

There will also be major symposia on Fuels of the Future, Women in Chemistry, Heterocycles, Lipids, Environmental, and Cope. The meeting final program and registration information is available at the following link: <http://rmm2012.sites.acs.org/>

IV. Fall Symposium at New Mexico Tech – Chemistry Department

The New Mexico Tech Chemistry Department will be holding their Fall Symposium on Friday, November 8 with most key events at the Fidel Student Center.

The New Mexico Chemistry Symposium is an annual meeting of chemists at New Mexico Tech in Socorro, New Mexico. The event includes talks by notable scientists around a theme. The Symposium is also a venue for undergraduate and graduate students in chemistry and related fields to present their research. For undergraduates interested in graduate school, the event provides a venue to learn about the graduate degree programs in Chemistry at New Mexico Tech and to discuss specific opportunities with our faculty.

An overall theme of this year's Symposium will be Chemistry and the Environment. The morning will feature a number of external speakers:

What's Cool Coming out of the Ocean from the Earth System Model
Scott M. Elliott, Los Alamos National Laboratory

Biogeochemistry and Remediation of Uranium Contamination
Stephen E. Cabaniss, University of New Mexico

Why are Atmospheric Measurements Important for a Better Understanding of Health, the Environment, and Climate?
Donald R. Blake, University of California, Irvine

The afternoon will feature a tour of the Chemistry Department labs as well as a student poster session and reception. The day will conclude with a dinner and talk by Donald R. Blake on "Atmospheric Science at the Bottom of the World". The dinner meeting will also represent a meeting of our Local Section.

In addition, on Saturday morning there will be an optional program featuring a morning tour of the Bosque del Apache National Wildlife Refuge.

Students, faculty, and scientists in Chemistry and related fields are invited to attend the Symposium. Students are invited to give a poster presentation on their research. Free registration and travel support is available for undergraduate students. Reduced registration is available for graduate students.

For additional information on the Fall Symposium and how to register (\$40 for non-student attendees) please see the web page below. Our Local Section will be providing support to this New Mexico Tech event.

<http://infohost.nmt.edu/~chem/symp/index.html>

V. ACS Climate Science Toolkit

In light of the importance of the issue of climate science the ACS has put together a Climate Science Toolkit that is accessible through the ACS web site:

portal.acs.org/portal/PublicWebSite/climatescience/index.htm

VI. 2012 Rio Grande Symposium on Advanced Materials

The 2012 Rio Grande Symposium on Advanced Materials will be held at the Hotel Albuquerque in Old Town on Monday, October 22. The symposium is a general technical meeting on materials research conducted in the Rio Grande geographic region. It is an outgrowth of the Joint Technical Meetings of the New Mexico Section of the American Ceramic Society and the New Mexico Section of the Materials Research Society initiated in 1989. Since then, materials chemistry has become a strong component of this meeting. An important aspect of this symposium is that it has been, and continues to be a venue for presentations by students from regional universities. Our Local Section is supporting that important aspect by providing funds to recognize exceptional student poster presentations at the symposium.

More information is available at the following link:

http://www.nm-materials.org/RGSAM/RGSAM_2012/index.html

Note: The abstract deadline has been extended to October 9th.

VII. High-Tech Halloween at the Los Alamos Bradbury Museum

The Bradbury Museum in Los Alamos will celebrate its 19th High-Tech Halloween on Friday, October 26 from 4 to 6:30 pm. The Museum is interested in including some chemistry demonstrations at this event. If you have an interest in participating please contact <dporterfield@lanl.gov> for more information.

VIII. ACS International-Domestic Student Summit

Undergraduate Ms. Kathleen Martin and graduate student Ms. Aruny Loch from our Local Section have been invited to attend the ACS International-Domestic Student Summit in Raleigh, NC preceding the ACS Southeastern Regional Meeting. The team is from the University of New Mexico and are student researchers at Sandia National Laboratories' Advanced Materials Laboratory. Reflecting the theme of the summit one is a US citizen and the other a French citizen.

At the Summit, student participants will discuss how to promote cross-cultural understanding, increase international skill flow and collaboration, and more effectively utilize the unique resource that the 700,000 international students studying in the US provide. They will also suggest mechanisms and models to allow individual institutions, local sections, professional societies, and governments to better incorporate and involve this important community. Kathleen and Aruny will also present a poster on the

Advanced Materials Laboratory's outreach activities aimed at exciting students into science and engineering and share their experiences.

IX. New ACS Fellow

The ACS Fellows Program (www.acs.org/Fellows) was created by the ACS Board of Directors in December 2008 "to recognize members of ACS for outstanding achievements in and contributions to Science, the Profession, and the Society." For 2012, Dr. Kristin Omberg (LANL) is the most recent member of our Local Section to be recognized as an ACS Fellow. Her selection is based on the two categories of her contributions:

Contribution to the science/profession: Technical leader in detecting and mitigating biological threats; has been recognized multiple times by the Department of Homeland Security for contributions to national security.

Contribution to the ACS community: Member of the Committee on Budget & Finance; member and past Chair of the Committee on Chemistry and Public Affairs; and former ACS Congressional Fellow.

Below is our current list of ACS Fellows in our Local Section:

Anton J. Hopfinger	Chris Enke	David G. Whitten
Ellen B. Stechel	Kathleen M. Schulz	Kimberly W. Thomas
Kristin M. Omberg	Mary F. Singleton	Tina M. Nenoff

X. Next Big Idea Festival in Los Alamos

Our Local Section kicked off the National Chemistry Week season with a booth at the Next Big Idea Festival that was held in Los Alamos on Saturday, September 15. Our thanks to Donivan Porterfield and David Mann (both from LANL) for hosting that booth and sharing the fun of chemistry with many families attending the event.

XI. Your ACS Publications Member Benefit

One of the recent Member benefit additions is free access to for up to 25 articles from all ACS Journals, ACS Symposium Series e-Books, and C&EN Archive. While many of our Members may have access to same information through their own institution each such access may have a direct cost to their institution. Thus through taking better advantage of this Member benefit you may also financially benefit your own institution.

How to use this Member benefit:

- Log in with your ACS ID on the ACS Publications website (<http://pubs.acs.org>)
- Select your article of interest (HTML or PDF)

To view your current publication access balance and history log-in on the ACS Publications website, go to “Your Profile”, and select “Member Benefits” option. Access is for 48 hours from initial article request.

XII. Restrictions on Government Employees Attending Scientific Meetings

In May of this year, ACS President Shakhshiri communicated to the leadership of the US House and Senate concern about new restrictions on the attendance of government employees attending scientific meetings. The link below is to the letter that was sent:

http://portal.acs.org/portal/PublicWebSite/policy/publicpolicies/promote/scientificintegrity/CNBP_030035

XIII. Statement on the ACS v. Leadscope Settlement

WASHINGTON, October 5, 2012 – On September 18, 2012, the Ohio Supreme Court handed down its decision in the long-running American Chemical Society (ACS) v. Leadscope case, reversing in part and affirming in part the lower court’s judgment against ACS. The decision reduced the lower court judgment against ACS by \$15 million (and associated interest), and ACS came within a single vote of having the judgment reversed on all issues before the Court. To conclude this dispute, all parties have now entered into a settlement agreement. A joint statement from the parties follows this message.

The complete statement and other information about this case is available at following link:
http://portal.acs.org/portal/PublicWebSite/about/aboutacs/CNBP_030672

IXV. ACS National Elections

Our Members will be getting election ballots for ACS national offices soon. The September 10th issue of *Chemical & Engineering News* contained candidate statements and biographical information which will also be included in the ballot package. This information is also available at the following:

<http://portal.acs.org/portal/PublicWebSite/about/governance/elections/candidates/index.htm>

Voting for national ACS offices will end on Friday, November 9 at 5:00 pm CT. Information on the voting process is available at the following:

<http://portal.acs.org/portal/PublicWebSite/about/governance/elections/howtovote/index.htm>

XV. Local Section Officer Elections

Late this fall our Local Section will be conducting elections for our Local Section Executive Committee. Positions that will be filled are Chair-Elect (Chair in 2014), Treasurer, Secretary, and three Advisors. Please advise Donovan Porterfield (dporterfield@lanl.gov) with any suggested nominations (self or of another) or questions.

XVI. Local Section Officers

The following are our 2011 Local Section Officers. Please feel free to contact them about any of the opportunities mentioned in this newsletter or other ways you would like to become involved in the Local Section or ACS in general.

Position	Name	E-mail
Chair	Dr. Michael Heagy (NM Tech)	mheagy@nmt.edu
Chair-Elect	Dr. Bernadette Hernandez-Sanchez (SNL)	baherna@sandia.gov
Past-Chair	Mr. Donovan Porterfield (LANL)	dporterfield@lanl.gov
Secretary	Dr. Changjian (Jim) Feng (UNM)	cfeng@unm.edu
Treasurer	Dr. Andrea Ambrosini (SNL)	aambros@sandia.gov
Advisors	Dr. Merritt Helvenston (NMHU)	merritt@nmhu.edu
	Dr. David Hobart (LANL)	dhobart15@gmail.com
	Dr. Kristin Omberg (LANL)	komberg@lanl.gov
Councilors	Dr. Steve Showalter (SNL)	skshowa@sandia.gov
	Mr. Donovan Porterfield (LANL)	dporterfield@lanl.gov
Alternate Councilor	Dr. Ron Clark (Cycad Products)	cycadp@ziadial.com

We are also in the process of revising our Local Section bylaws to bring them up to date with ACS policies. We hope to have approval of revised Local Section bylaws on this upcoming officer election ballot. Anyone interested in participating in the revision process can contact <dporterfield@lanl.gov> for more information.

XVII. Changes of Address

The distribution of our Local Section newsletter is dependent on accurate e-mail and US mail addresses being supplied to the ACS. Address changes can be submitted to ACS through the following means: service@acs.org, (800) 227-5558, or logging in to www.acs.org.

Mole Day

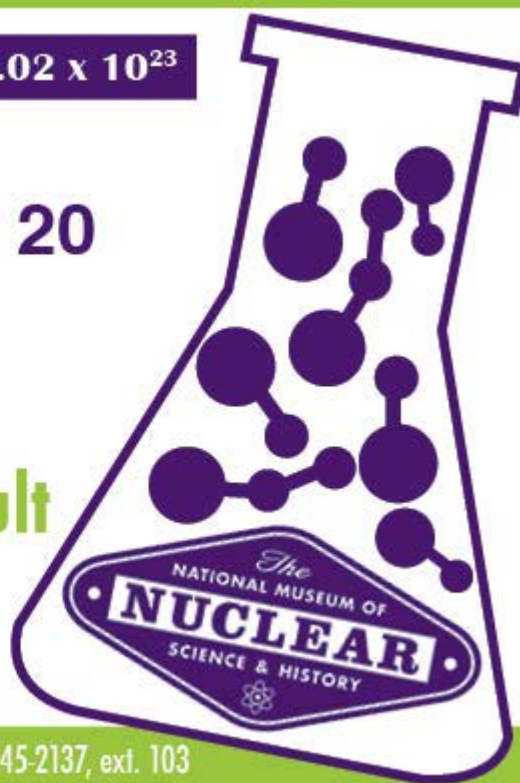
6.02×10^{23}

Saturday, October 20

Exciting Nano Activities from

10 am to 3 pm

Kids FREE with paid adult
9 am to 5 pm



Sponsored by:



ACS
Chemistry for Life®

LOCKHEED MARTIN

Sandia National Laboratories

601 Eubank Blvd SE • www.nuclearmuseum.org • (505) 245-2137, ext. 103