



ACS Newsletter

The Newsletter of the Southern Arizona Section of
the American Chemical Society

Spring 2007



2007 Section Officers and Committee Chairpersons

Chair:

Rachel Anger

Chair Elect:

Anne Padias

Immediate Past Chair:

Roger Caldwell

Secretary:

Seth Ruskin

Treasurer:

Derek Redmore

Councilor:

Patricia Schumann

Alternate Councilor:

Kathryn Louie

Awards Committee Chair:

Kathryn Louie

Membership Committee Chair:

Steve Brown

Education Committee Chair:

David Katz

Publications Committee Chair:

Tom Selegue



Chemistry at the Borders

The 19th Rocky Mountain Regional Meeting of the ACS

Meeting Report

The Local Section sponsored the 19th Rocky Mountain Regional Meeting in Tucson from October 14-18th, 2006, with the University of Arizona Chemistry department as co-sponsors. The highly successful event enjoyed records in attendance (635) and number of papers/posters presented. Professor Craig Aspinwall, University of Arizona, was general chair for the meeting, Program chair was John Osterhout, Awards chair Kathryn Louie, workshop chair Patricia Schumann and treasurer Derek Redmore.

Awards presented included:

The Regional High School Teaching Award

Dr. David S. Shelton, Timpview High School, Provo Utah

The Regional College Educator Award

Dr. Paul E. Smolenyak, Yavapai College, Prescott, Arizona

The Regional Industrial Innovation Award

Dr. Terry O. Matsunaga and Dr. Varadarajan of ImaRx Therapeutics, Inc. Tucson

The Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences

Dr. Wilson A. Francisco, Arizona State University

The Rocky Mountain Regional Award for Volunteer Service to the American Chemical Society

Dr. E. Gerald Meyer, University of Wyoming.

Chemistry at the Borders

Photos from the regional meeting





Science Café

Like coffee? Like science? You are in luck! The Southern Arizona Section is planning a series of Science Cafés for the spring. A Science Café is an entertaining evening out on the town sipping coffee and talking science. The idea started in the late 1990's with the “café scientifique” in the United Kingdom and “bars des sciences” in France. A typical science café begins with a scientist making a brief presentation followed by a question and answer period. After a short break to allow the patrons to top up their drinks, the festivities continue either with more questions or with a free-for-all discussion.

Our upcoming Science Cafés will be held in the upstairs room at Espresso Art Cafe, 942 East University, 6 PM until 8 PM on the evenings scheduled. Check the web page www.sazacs.org for updated information.

Current Schedule:

April 24, 2007. Venomous Bites and Stings. Leslie Boyer, M.D., Director of the VIPER Institute (VIPER stands for: Venom Immunochemistry, Pharmacology and Emergency Response). Dr. Boyer and other members of the VIPER Institute and will discuss venomous creatures of the desert, what their venoms do and what happens when the venom gets into humans. Also included will be a discussion of new treatments for these most ancient of medical conditions.

May 15, 2007. Alzheimer's Disease. Paul St. John, Associate Professor of Cell Biology and Anatomy, University of Arizona. Professor St. John will discuss his recent work on the basic mechanisms of Alzheimer's disease.

Future topics include: water, ethanol and biofuels, green chemistry, global warming and women and minorities in chemistry. To suggest a topic, your favorite café or a potential speaker send an email to John Osterhout: johno@email.arizona.edu. Meanwhile, tell all your friends and watch the web page for the latest updates!

Awards Program

The Southern Arizona Section will be hosting the Awards and Volunteer Appreciation Reception on Thursday, April 26, 2007, 5:30-9:00 PM at El Parador Restaurant, 2744 E Broadway Blvd. Hors d'oeuvres and beverages will be served.

We will be presenting awards to the 2007 recipients of the High School Chemistry Teaching Award and of the H. Wayne Adickes Service Award. Our 50- and 60-year members will be recognized. Please mark your calendars.

Schedule of Events for 2007

April 12, 2007
Dinner meeting
ACS Tour Speaker Ron DeLorenzo

May 15, 2007
Science Café
Alzheimer's Disease

April 24, 2007
Science Café
Venomous Bites & Stings

September 6, 2007
Dinner meeting
ACS Tour Speaker Robert Bates

April 26, 2007
Awards reception
El Parador Restaurant

October 2, 2007
Dinner meeting
ACS Tour Speaker John Fortman

Outstanding Student Affiliates

The UA Chemistry SAACS (Student Affiliates of the American Chemical Society) chapter has again received an award of Outstanding, this time for its service during the 2005-2006 academic year. The activities that brought such recognition to the local chapter include:

- Biweekly chemistry demonstrations for a woman's and children's center in Tucson
- Chemistry "Magic" demo show for the community during National Chemistry Week
- Participation in Earth Day activities with the local ACS section
- Homecoming with the College of Science - liquid N₂ ice cream for kids
- Chapter members served as judges and volunteers for community science shows
- Pie-in-the-Face fundraiser with BBQ for Department of Chemistry
- Weekly meetings with speakers, including research faculty, advisors, career opportunities, graduate school advisors
- Attended national ACS meetings in Chicago and Atlanta
- Supported the Department of Chemistry in activities such as the Chemical Sciences Building dedication
- Served as household hazardous waste pick-up volunteers

The ACS also recognized the chapter's faculty advisor, John Pollard, and noted that he "deserves special commendation ... [for making] the great commitment of time and energy that a successful chapter requires of its advisors. It takes more than exceptional effort to be an award-winning chapter; it takes the nurturing attention of dedicated advisors. Professor Pollard's efforts certainly represent the best in undergraduate science education and mentoring around the country."

The award was officially presented at the 233rd ACS National Meeting in Chicago on Sunday, March 25, 2007. Visit the University of Arizona Chemistry website for pictures of the SAACS chapter at www.chem.arizona.edu.

Strategic Directions 2007 and Beyond!

The American Chemical Society has developed an exciting new Strategic Plan in support of the ACS Vision: "Improving people's lives through the transforming power of chemistry." The plan was recently released at www.chemistry.org/strategicplan and will shape the Society's strategic direction through 2007 and beyond. All ACS members were invited to contribute to the plan, and the final version reflects thousands of their comments and survey responses. The document has a built-in feedback mechanism where, through the Web, members can continue to make suggestions about the plan as it evolves from year to year. The Strategic Plan also features links to numerous ACS programs, so that readers can see part of how the Society plans to accomplish the plan's objectives.

There is a new external focus in this Strategic Plan that calls upon ACS members to use their science to "transform the world" for the benefit of Earth and its people. As in the past, the plan pledges to continue to provide information, programs, products, and services to give members the highest value for their involvement.

The plan sets out three areas for the Society and for its members to work towards:

- **Enabling Scientific Progress:** To provide the highest quality education, knowledge, and tools to facilitate solutions for major scientific challenges safely and sustainably
- **Fostering Community:** To strengthen the power of association by connecting people around the world in chemistry-related disciplines
- **Transforming the World:** To focus on challenges and opportunities at the intersection of chemistry and society that improve the quality of human life

You are invited to visit www.chemistry.org/strategicplan to review the plan and to "join the discussion" regarding the overall plan and its themes. Together, through collaborative engagement, all members can continue to benefit from their involvement with ACS and improve people's lives through the transforming power of chemistry as well.

Celebrate Earth Day – April 22, 2007



The 2007 Community Event for Chemists Celebrate Earth Day is "Recycling All We Can". Celebrate the chemistry in recycling by participating in a recycling activity that will benefit the community. If you are interested in participating in or hosting an Earth Day event, please contact your local section by visiting our website at <http://www.sazacs.org/>.



Join the ACS Legislative Action Network

The American Chemical Society is committed to keeping its members informed of legislation that may impact the chemical enterprise and to bringing the expertise of ACS members to bear on science policy. The *Legislative Action Network* is the Society's electronic grassroots program for updating members on federal legislation and facilitating contact with members of Congress. The network focuses primarily on federal science education and R&D policy, but also addresses environment, workplace, and competitiveness issues. Sign up at wqww.chemistry.org.

**2007 Joint ACS/AIChE
Rocky Mountain Regional Meeting**

August 29 – September 1, 2007
Denver, CO USA

Symposia

- Advances in Conventional Energy Technologies (Coal, Oil, Natural Gas)
- Advances in Alternative Energy Technologies (Fuel Cells, Photovoltaics, Hydrogen, Biofuels)
- Advances in Pollution Control and Environmental Remediation Technologies
- Green Chemistry and Engineering
- Bioprocesses for Diagnostic and Therapeutic Agents
- Biomaterials
- Electronic Materials
- Advances in Nanotechnology
- Teacher workshop

Visit us on the web at
<http://www.sazacs.org/>

You can e-mail update requests to the ACS
Member and Subscriber Services
Department at service@acs.org - or
telephone them 8:30 - 5:00 pm ET at 800-
333-9511



NON-PROFIT ORG
U.S. POSTAGE
PAID
TUCSON, ARIZONA
PERMIT NO 250



Southern Arizona Section
AMERICAN CHEMICAL SOCIETY
PO Box 43096
Tucson, AZ 85733

