



The

Indiana Section of the American Chemical Society

Accelerator

Visit our website: <http://membership.acs.org/i/indiana/>

Chair's Corner

2009 looks to be a fabulous year for the local section. We have many great events on our calendar this year. In addition to our annual Science Day and National Chemistry Week Celebration events, we have three tour speakers scheduled this year: **Howard Peters**, *Chocolate: The Food of the Gods* in February; **Victoria Finkenstadt**, *Food or Fuel? The Case For and Against Ethanol* in March; and **Suzanne Quillen Lomax**, *The Application of Chemistry to the Examination of Works of Art* in September. We will once again hold a research poster session in October and our awards ceremony in May, as well as other programs throughout the year.

One notable change you will definitely hear more about in the coming months is that officer elections this fall will be done electronically and not by paper ballot. Not only will this save our section hundreds of dollars, but we hope the ease of submitting an on-line ballot will increase participation in the election.

We are always looking for members who are interested in becoming more active in planning, running, and/or volunteering at section activities. If you would like to become more involved, please contact me or one of the other members of the executive committee.

With so many opportunities for our members this year, I hope that every one of you plan to attend at least one event this year. I personally look forward to seeing all of you throughout the year.

Jason Ribblett, Chair

Please update your profiles!

Indiana Section members are asked to update their profile with the ACS. The ACS provides us with our mailing and email lists and about 150 emails (from our membership of 1500) go to dead addresses. The ACS policy is to have only members modify their profile at the ACS website: www.acs.org. Emailing is the best way to get up-to-date program information to our membership and having that list as accurate as possible would be helpful. Please take the time to check out and update your profile.

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The Indiana Local Section of the American Chemical Society publishes the Accelerator four times a year. The Section is not responsible for statements or opinions printed in this publication. The Editor is responsible for all unsigned and staff articles.

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To find up to date information about Local Section activities,
visit our website: <http://membership.acs.org/i/indiana/>

2008 Indiana Section Women Chemists Committee Summary

Activities of the Indiana Section Women Chemists Committee in 2008 focused on encouraging women into the chemical sciences. The section sponsored, advertised and participated in several events focused on high school and college students in collaboration with Indiana University-Purdue University at Indianapolis (IUPUI) and our industrial partners, Eli Lilly and Company and Dow AgroSciences. The first was *Her Lab in Your Life: Women in Chemistry*, a traveling exhibition from the Chemical Heritage Foundation. Taking design cues from youth culture and familiar surroundings such as diners and parks, the exhibition frames the stories of women chemists in a series of twelve colorful thematic stations. Created especially for high school and college students, but designed to engage general audiences as well, the exhibition showcases women who have helped create our modern world and their historic contributions to science and technology, and encourages young women to explore careers in chemistry. This exhibit was offered at the IUPUI Campus Center Cultural Gallery from March 15 - April 30, 2008.

The next key event was a panel discussion and reception on April 11, 2008 featuring female scientific leaders from Eli Lilly and Company speaking on the topic 'Careers in Science: a Pharmaceutical Industry Prospective.' Women Chemists Committee members, Dawn Brooks and Christina Erwin, were among the panelists who spoke to a 75-plus crowd. In addition to students from IUPUI, section members and students from Ball State University attended the event. Finally, on April 25, 2008 an event titled, 'Women in Chemistry: Research Symposium' highlighted the different fields that chemists pursue, and that the fields are as diverse as the chemists themselves. The four female speakers included two professors from IUPUI, Stephanie Sen and Lenore Tedesco, plus two scientists from Dow AgroSciences, WCC member Beth Lorsbach and Vipula Shukla. The event fielded about 70 audience participants and rounded out an outstanding spring program targeted at encouraging women into chemistry!

-Dawn Brooks

ACS SPRING REGIONAL MEETINGS

The 2009 Regional Meetings are online and planning their programs. All three of the spring meetings will have programming pertaining to the environment, and GLRM and CERMACS have planned their meetings around an environmental theme. Plans are underway to open their abstract programs and advance registration in the immediate future.

The Great Lakes Regional Meeting (GLRM), <http://www.glrm2009.org/> will take place in Lincolnshire, IL, just outside Chicago, May 13 – 16. Their theme is "A Better Environment through Chemistry." Symposia planned include plant biochemistry, material science/polymer chemistry, ethics in college education, non-crystalline x-ray structural chemistry and the environment, and molecular simulation in and for the environment.

The Central Regional Meeting (CERMACS), hosted by the Cleveland Section, which will be celebrating its 100th anniversary. Mark the dates, May 20 -23, and visit their website at <http://www.case.edu/cermacs/> for details. Their theme is "Meeting Energy and Environmental Challenges through Functional Materials." Four other societies will co-sponsor and submit programming to CERMACS. They are the Electrochemical Society, Society for Applied Spectroscopy, American Vacuum Society, and the Yeager Center for Electrochemical Science. Case Western Reserve University also is a contributor.

The Northwest Regional Meeting (NORM) will take place June 28 – July 1 at Pacific Lutheran University, Tacoma, WA. Visit their website at <http://www.chem.plu.edu/norm2009/> for information on their plans. Included in their program are sessions on bioanalytical mass spectrometry, chemistry of the bioregion; chemistry, energy, and sustainability; clinical chemistry, and instruments for the teaching laboratory.

ACS 237th National Meeting – Salt Lake City, Utah

On January 12, 2009, registration opened for all attendees to register for the ACS 237th National Meeting to be held in Salt Lake City, UT, March 22-26, 2009. Early registration fees started on January 12, 2009, and will last through February 23, 2009.

Mini-Grants Available for Collaborative Activities

Proposals are being sought for **Equipping the 2015 Chemical Technology Workforce** mini-grants. Up to \$500 will be awarded to collaborative activities that support technician education and career development.

Equipping the 2015 Chemical Technology Workforce has three goals:

- 1) Raise awareness of the changing needs of chemical technicians, operators, analysts, and other applied chemical professionals.
- 2) Highlight opportunities for industry, academia, professional societies, and the community to collaborate on meeting those needs
- 3) Increase involvement of applied chemical professionals in the American Chemical Society

To qualify for a mini-grant, one or more sectors of the chemical enterprise (industry, academia, professional organizations, etc.) must collaborate on the activity. Activities must also support one or more of the goals of **Equipping the 2015 Chemical Technology Workforce** and take place in the 2009 calendar year.

The deadline for proposals is 20 February 2009.

To learn more about **Equipping the 2015 Chemical Technology Workforce** and the mini-grants, to get ideas for activities, or to gather information about the chemical technology profession in today's marketplace, please visit the [Equipping the 2015 Chemical Technology Workforce](http://www.acs.org) website (go to www.acs.org and follow the path, Funding & Awards > Grants > Chemical Technology Partnership).



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Try out an ACS Webcast! It's easy and economical.

Few companies are immune from the economic hardships in the headlines and many budgets have been trimmed. But it is still crucial to your career to engage in continuing education to expand your skills and stay abreast of new topics. So save your time and money and take a look at the courses available online through ACS. ACS offers a wide variety of webcast short courses and our winter/spring schedule is open for registration now.

ACS Webcast Short Courses provide the same quality training that ACS has long been known for, but, because the courses are presented over the Internet, they offer added convenience and flexibility.

- **Economical:** Most ACS Webcasts cost less than \$100 an hour, which is far less than most technical training.

- **Easy:** Our technology is easy to use and works with all typical computer systems so virtually anyone can easily take a webcast from the comfort of their home, office, or lab.

- **Convenient:** Class attendance is NOT required. If you miss a class, simply use your on-demand access to the session recording so you can catch up on your own time.

- **Informative:** All class materials are available for download and you can email the instructor anytime.

There are expanded course offerings in analytical, organic, pharmacology, engineering, instrumentation, and other areas. For the full list of Webcast Short Courses and more information on available discounts, visit www.acs.org/webcourses

New Section Officers

Congratulations to the new officers of the Indiana Section of the American Chemical Society:

Chair-Elect: Jeannie Cetusic
Treasurer: Pat Walsh
Secretary: LuAnne McNulty
Councilor: Ann Hunt
Alternate Councilor: Lindell Ward
Members at Large: Ann Cutler
Amy DeBaillie
Kevin Weber

Upcoming Events – Watch your email and mail for updates!

February 12th:

Chocolate: Food of the Gods

Howard Peters

University High School

7:00 PM

March 4th:

Food or Fuel: The Case for and against Ethanol

Victoria Finkenstadt

Location TBD

7:00 PM

May 2nd:

Science Day at the Delaware Co. Fairgrounds,

Muncie IN

All day event

May 12th:

Awards Night

Krannert Room of Clowes Hall

Butler University

5:30 PM

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The **Accelerator** Newsletter

American Chemical Society

Indiana Section

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