2008 Pittsburgh Award Dinner

The 2008 Pittsburgh Award dinner was held on November 5, 2008 at the Pittsburgh Athletic Club. The Pittsburgh Section ACS honored Pittsburgh Award Winner, Stephen G. Weber and Pittsburgh Section Distinguished Service Award winner, W. Richard (Dick) Howe at the event.


Give Us Your Thoughts!

Are you a chemist under the age of 35? Would you like to see a Younger Chemists Committee formed in the Pittsburgh Section? Check out page 5 for more information.

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ACS Short Courses in 2009

ACS Short Courses are one- to five-day, in-person seminars designed to help chemical scientists and technicians keep current in today’s competitive marketplace. Our 2009 schedule is out - please visit www.acs.org/shortcourses to register and for more information.

Short Course Circuits
The ACS Short Course Circuit offers you the opportunity to take advantage of a wider range of our course offerings in a single location and network with a variety of your colleagues.

February 9 - 13, 2009 | Woodbridge, NJ Circuit
Courses in Analytical Chemistry, Organic Chemistry, Medicinal Chemistry, Laboratory Safety, Chemical Engineering, Management, and Cheminformatics

February 23 - 27, 2009 | San Francisco, CA Circuit
Courses in Analytical Chemistry, Organic Chemistry, Medicinal Chemistry, Biochemistry, Laboratory Safety, Chemical Engineering, Management, Quality Assurance, and Cheminformatics

May 4 - 8, 2009 | Durham, NC Circuit
Courses in Analytical Chemistry, Organic Chemistry, Medicinal Chemistry, Laboratory Safety, Chemical Engineering, Management, Polymer Chemistry, Quality Assurance, and Cheminformatics

May 17 - 22, 2009 | Boston, MA Circuit
Courses in Analytical Chemistry, Organic Chemistry, Medicinal Chemistry, Laboratory Safety, Chemical Engineering, and Biochemistry

November 2009 | La Jolla, CA Circuit
Courses in Analytical Chemistry, Organic Chemistry, Medicinal Chemistry, Laboratory Safety, Management, Cheminformatics, and Quality Assurance

Short Courses at the ACS National Meetings
Going to an ACS National Meeting? Short Courses are held at each ACS National Meeting and offers you the opportunity to take advantage of a wide range of our course offerings before and during the meeting.

March 21 - 26, 2009 | Salt Lake City, UT - ACS Spring National Meeting
Courses in Organic Chemistry, Chemical Engineering, Management, Cheminformatics, Spectroscopy, Polymer Chemistry, Intellectual Property, and Toxicology

August 15-20, 2009 | Washington, DC - ACS Fall National Meeting
Courses in Food Chemistry, Analytical Chemistry, Biochemistry, Organic Chemistry, Medicinal Chemistry, Laboratory Safety, Chemical Engineering, Management, Cheminformatics, Polymer Chemistry, Intellectual Property, Quality Assurance, and Toxicology

Laboratory/Lecture Courses
Get in-class and hands-on experience with Laboratory/Lecture Courses from the ACS.

March 30 - April 3; July 13 - 17; October 5 - 9; November 2009 (tentative) | Chicago, IL
High Performance Liquid Chromatography: Fundamentals, Troubleshooting, and Method Development

April 20 - 24; July 20 - 24, November 9 - 13; December 2009 (tentative) | Chicago, IL
Gas Chromatography: Fundamentals, Troubleshooting, and Method Development

March 15 - 20; August 9 - 14; December 6 - 11 | Virginia Tech, Blacksburg, VA
Polymer Chemistry: Principles and Practice

October 2009 | Virginia Tech, Blacksburg, VA
Fundamentals of Polymers and Interfaces for Adhesives, Composites, and Sustainable Structures

ACS Cut and Paste
November/December 2008
SPECTROSCOPY SOCIETY OF PITTSBURGH

January Meeting
Wednesday, January 21, 2009
Duquesne University, Mellon Hall of Science
(Laura Falk Hall)

6:00 PM - Social Hour
6:30 PM - Dinner
(City View Cafe - 6th Floor)
8:15 PM - Technical Program

Technology Forum
5:30 p.m.

“Dark Energy”
Dr. Jeffrey B. Peterson

Joint Meeting with the Optical Society of America

“Recent Progress of Broadband THz Wave Sensing and Imaging”
Dr. Xi-Cheng Zhang
Rensselaer Polytechnic Institute

Society for Analytical Chemists of Pittsburgh

January Meeting
Monday, January 5, 2009

8:00 PM
Duquesne University
Laura Falk Hall

Eric Ahrens, Ph.D.
Carnegie Mellon University

Dinner Reservations:
Please email Larry Senor, Arrangements Co-Chair at senor@pittcon.org, by Tuesday, December 30, 2008 to make dinner reservations. Should you not have email, please call Larry at 724-327-4428. Dinner will cost $8 ($4 for students) and checks can be made out to the SACP. If you have any dietary restrictions, please let Larry know when you leave message.

Parking:
Duquesne University Parking Garage entrance is on Forbes Avenue. Upon entering the garage, receive parking ticket and drive to upper floors. Pick up a parking sticker at the dinner or meeting. Contact Dr. Mitch Johnson at Duquesne University if any difficulties arise.
Important News for International Travelers.
New Automated System Implemented for the Visa Waiver Program (VWP)

The VWP enables citizens of certain countries to travel to the United States for tourism or business for 90 days or less without obtaining a visa. The Department of Homeland Security has implemented a new Electronic System for Travel Authorization (ESTA) to screen passengers traveling to the U.S. under the Visa Waiver Program. The Department of Homeland Security began accepting voluntary ESTA applications on August 1, 2008 and it is anticipated that ESTA will become mandatory for WVP travelers on January 12, 2009. Also, on October 17, President Bush announced the imminent expansion of the Visa Waiver Program to include the Czech Republic, Estonia, Latvia, Lithuania, Hungary, the Republic of Korea and the Slovak Republic. However, the United States must still complete certain internal steps required by statute before the expansion can be completed. It is expected that Nationals of these countries will become eligible for the VWP in mid-November provided they possess a biometric passport and register online through the Electronic System for Travel Authorization (ESTA). In the mean time, and until the expansion is completed, Nationals of the mentioned countries must continue to require visas to travel to the United States. Please visit http://www.cbp.gov/xp/cgov/travel/id_visa/esta/ or http://travel.state.gov/visa/temp/without/without_1990.html to learn more.

ACS-IREU Exchange Program

The American Chemical Society (ACS), in collaboration with the Deutscher Akademischer Austausch Dienst (DAAD), the German Chemical Society (GDCh) and the European Chemistry Thematic Network (ECTN), successfully completed the 2008 International Research Experiences for Undergraduates (IREU) exchange program, sponsored by the National Science Foundation (NSF). Fifteen U.S. students conducted chemistry related research at German universities and research institutes under the DAAD Research Internships in Science and Engineering (RISE) infrastructure. Three additional U.S. students were hosted (one each) by the University of Strathclyde in Scotland, the University of Perugia in Italy, and CPE-Lyon in France. Simultaneously, a total of eighteen European students funded by the DAAD and the ECTN, conducted summer research at U.S. Research Experiences for Undergraduates (REU) sites. The students spent 8-10 weeks collaborating on research projects with their faculty and graduate student mentors. Most participants presented their research results at the Fall ACS National Meeting in Philadelphia. During a reception hosted by the ACS International Activities Committee, students expressed their gratitude and remarked that this experience had been a once in a lifetime opportunity to sharpen their research skills in a cross-cultural setting and develop a global scientific perspective.

The program will be offered again in the summer of 2009. Applications will be available from mid November, 2008 to January 31, 2009. Applicants are expected to be sophomores or juniors with some prior research experience. All outstanding students including members of underrepresented minorities are strongly encouraged to apply. More information can be found at the ACS-IREU website: www.acs.org/ireu.
Are you a chemist under the age of 35? Would you like to see activities and seminars relevant to chemists in your age group within the Pittsburgh area?

The Pittsburgh Section of the ACS is exploring the possibility of starting a Younger Chemist Committee (YCC). The Younger Chemists Committee was chartered by the American Chemical Society to address the specific needs of younger and early-career chemists. The YCC’s vision is to lead younger chemists into successful careers and active roles in the ACS and the profession. To achieve this, the Committee relies on its strengths of diversity, influential involvement, and dedicated leadership. By leading the way in the use of technology and creating outreach opportunities for our constituency, the National YCC hopes to change the face of the ACS and become the most influential Committee in the Society.

What does this mean to you? The YCC serves as a resource for younger chemists to find awards, start local section YCC’s, attend national meeting programs relevant to younger chemists, and other information that is of importance to younger chemists, like articles on interviewing skills and grant proposal writing.

If you are interested in joining a Pittsburgh Section YCC or would be interested in chairing the committee, please contact Pittsburgh Section Chair-Elect, Nick Tsarevsky at 412-268-1872 or nvt@andrew.cmu.edu.

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Chemistry in Cancer Research:
A Vital Partnership in Cancer Drug Discovery and Development
February 8-11, 2009
New Orleans, LA

Chemistry plays a critical role in research on cancer diagnosis, prevention, and treatment. ACS and the American Association for Cancer Research (AACR) have organized a second joint conference to provide a forum for research discussions among chemists with cancer research interests.

The conference will encompass research highlights across a span of chemistry-related topics, from the use of chemical tools in cancer target identification and validation, the design of chemical libraries for hit-seeking, strategies for hit-seeking and lead optimization in drug discovery, strategies for drug targeting and delivery, and the use of imaging, proteomics, process chemistry and analytical chemistry in cancer drug development. Each session will include three symposium talks, followed by short presentations from abstracts submitted by young investigators. We anticipate that this conference will energize younger chemical investigators and inform them of the many opportunities to apply the power of chemistry to important problems in cancer research.

To view the conference program and register, please visit the conference website: www.chemistryincancerresearch.org.
The Crucible

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http://membership.acs.org/P/Pitt

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SEARCHING FOR THAT SPECIAL JOB?

There are many companies and organizations searching for chemical and biochemical personnel to fill important jobs in their organizations.

- Companies for laboratory and management positions
- Universities & Colleges for teaching positions and laboratory personnel
- Hospitals for technical and research personnel

There are several web sites that may help you search for these open positions.

- www.mboservices.net/recr_disp.php
- http://pubs.acs.org/chemjobs/

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Senior Administrative Officer
Department of Chemistry
University of Pittsburgh

The Department has approximately 30 faculty, 250 graduate and postdoctoral research students, 250 undergraduate majors, and 30-40 staff personnel.

The responsibilities include all aspects of staff personnel administration, developing and maintaining the budget, and faculty support services. The duties are to serve as the administrative coordinator in the graduate student recruiting and admissions committees, make instructional assignments, and direct public relations and fundraising.

An advanced degree (Masters or higher) in Science or Business and five or more years in research or academic administration with > 20 employees is highly preferred. Strong interpersonal, writing, and communications skills are also required.

Interested candidates should apply via Pittsource only at www.hr.pitt.edu/employment. Please reference job number 0007001

The University of Pittsburgh is an Affirmative Action, Equal Opportunity employer.
January

Mon.  5  **Society for Analytical Chemists of Pittsburgh (SACP)**  
Duquesne University, Laura Falk Hall  
“TBA”  
Eric Ahrens, Ph.D., Carnegie Mellon University

Wed.  21  **Spectroscopy Society of Pittsburgh Technology Forum**  
Duquesne University, Mellon Hall of Science, Laura Falk Hall  
“Dark Energy”  
Dr. Jeffrey B. Peterson

Wed.  21  **Spectroscopy Society of Pittsburgh**  
Duquesne University, Laura Falk Hall  
“Recent Progress of Broadband THz Wave Sensing and Imaging”  
Dr. Xi-Cheng Zhang, Rensselaer Polytechnic Institute

Additional chemistry related seminars and events in the Pittsburgh area can be found on the Pittsburgh Section’s website at [http://membership.acs.org/P/Pitt](http://membership.acs.org/P/Pitt)