



The Crucible

www.pittsburghacs.org

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May 2012

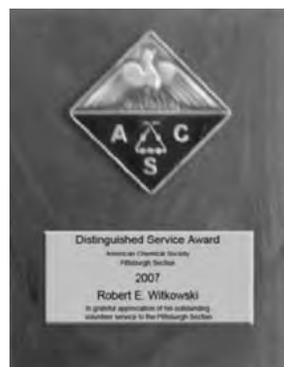
American Chemical Society, Pittsburgh Section Call For Nominations



PITTSBURGH AWARD

The Pittsburgh Award was established in 1932 by the Pittsburgh Section of the ACS to recognize outstanding leadership in chemical affairs in the local and larger professional community. This Award symbolizes the honor and appreciation accorded to those who have rendered distinguished service to the field of chemistry. The Award, consisting of a plaque, is presented annually at a Section dinner open to the public.

Members of the Pittsburgh Section, or in exceptional cases, non-members, who have done work worthy of recognition toward increasing chemical knowledge, promoting the chemical industry, benefiting humanity, or advancing the Pittsburgh Section, are eligible for consideration.



DISTINGUISHED SERVICE AWARD

The Distinguished Service Award was established in 2007 by the Pittsburgh Section of the ACS to expand and replace the predecessor Chairman's Award of the section. Both recognize outstanding volunteer service to the section. The Award, consisting of a plaque, is presented annually at a section dinner open to the public.

Members of the Pittsburgh Section, past or present, who have provided outstanding service in advancing the Pittsburgh Section are eligible for consideration.

Nominations for the Pittsburgh and Distinguished Service Awards are solicited from the membership of the Pittsburgh Section. Nomination information can be found at the section's website at www.pittsburghacs.org. Please click on awards for more information. Nominations for the awards are due August 15, 2012. Please submit nominations to the Chair-Elect of the section, Jay Auses. Please include your full contact information as well as the nominees' and any supporting letters.

For More Information, Please Contact:

Jay Auses
412-624-8500, jpauses@pitt.edu
Department of Chemistry, Dietrich School of Arts and Sciences
University of Pittsburgh, 244 Chevron Science Center
219 Parkman Avenue, Pittsburgh, PA 15260

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ACS Pittsburgh Chemists Club

Pittsburgh Section
American Chemical Society

Tuesday, May 29, 2012

Presentation of 50 Year Awards to ACS 50 Year Members

“Nutrition-Food-Chemistry - The Links and Trends”

Judith Dodd, MS, RD, FADA, LDN
Adjunct Assistant Professor, University of Pittsburgh

Spaghetti Warehouse
26th & Smallman Streets, Strip District, Free parking behind the restaurant

Social Hour: 6:00 pm, Dinner: 6:40 pm, Presentation: 7:40 pm

Abstract: Nutrition is a hot topic these days with “experts” coming up with products and advice that sometimes misses the mark on the link between food, nutrition, and science! This presentation will look at some of the trendy ideas and foods and explore some missing links.

Biography: Judy Dodd is a consultant with over thirty-five years of food, nutrition and education expertise. Her traditional background began with a degree in Foods and Nutrition from Carnegie Mellon University and a dietetic internship at Shadyside Hospital in Pittsburgh, Pennsylvania. Mid-career, she added a graduate degree from the School of Health & Rehabilitation Sciences at the University of Pittsburgh (Pitt).

Her professional career path has been less traditional. After an initial entry in food service management in healthcare and retail settings, she moved to community nutrition and communications. Past employers have included the Pennsylvania Department of Education, the Allegheny County Health Department Nutrition Services (WIC) and the Dairy & Nutrition Council Mid East.

Currently Judy is the Community Relations Corporate Nutritionist for Giant Eagle, a position she has held for nineteen years. In addition she is a community consultant, speaker and teacher at Pitt where she is on the faculty in the Department of Sports Medicine and Nutrition. She is a contributing author to Krause’s Nutrition Therapy and does monthly columns for Supermarket News and Senior News along with her writing for Giant Eagle. Judy has held numerous volunteer positions, most notably serving as 1991-1992 President of the Academy of Nutrition and Dietetics (formerly the American Dietetic Association) and as Chairman of their Foundation in 2010 and 2011. In 2009 she was recognized with the Marjory Hulsizer Copher Award. In her community she is active in the affiliate of the American Heart Association and held the position of president of the Board of Directors of the Allegheny Division.

Reservations: For reservations, please call Ed Martin by Noon, Friday, May 25, 2011
at (724) 335- 0904 or by e- mail at edwardmartin1046@verizon.net

Dinner Menu : Steak with vegetables, Tilapia with Angel Hair pasta, or Chicken Parmigiana with Lasagna.
Please specify beef, fish or chicken when making your reservation and note any dietary special needs i.e. gluten-free, vegetarian, etc. Dinner charge is \$20.00 (\$10.00 for students). Alcoholic drinks cost extra.

CHEMISTRY behind the CUISINE



Mark your calendars now for
Saturday, May 12, 2012
for the 2012 Tripartite Symposium,
sponsored by the Pittsburgh Section
of the ACS, the SACP, and SSP.

At this interactive café-style event, you will learn the science behind various cuisine while enjoying selected beverages (including those from local wineries/breweries) and hors d’oeuvres/sweets related to the topic you are exploring.

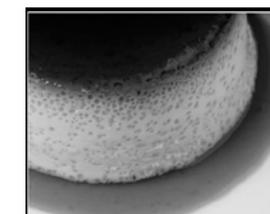
You will also have the opportunity to participate in a chemistry-of-food lab experiment.

Participants will be divided into three groups that will rotate through the three individual sessions.
(Note: The hands-on lab experiment session will be limited to the first 72 people to register.)

Location: Department of Chemistry • University of Pittsburgh
219 Parkman Avenue • Pittsburgh, PA 15260

Schedule: 1:30 Registration
2:00-5:00 pm rotate through interactive sessions
5:00 pm Wrap-up & Poster Session / Social Hour

Cost: \$20/Professional / \$10/Students



Leaders for this intellectual culinary event are:

Dr. Ryan Elias
Assistant Professor of Food Science, Penn State University



sacp.org

Dr. Kent Kirshenbaum
Associate Professor of Chemistry, New York University
Co-founder of The Experimental Cuisine Collective



pittsburghhacs.org

Dr. Subha Das
Assistant Professor, Carnegie Mellon University



ssp-pgh.org

Register Now! Send this form and a check for \$25 (payable to ACS Pittsburgh Section) by **Wednesday May 2** to:
Dr. Gregg Gould • 543 East Chestnut Street • Washington, PA 15301.
Any questions should be directed to Dr. Michelle Ward at muscat@pitt.edu or 412-624-8064.

Name: _____

Affiliation: _____

Email: _____ Phone: _____

Any dietary restrictions: _____

2012 Pittsburgh Section ACS Earth Day Poetry Contest Winners

As part of the American Chemical Society's (ACS) 2012 Chemists Celebrate Earth Day (CCED) celebration, the Pittsburgh Section ACS sponsored a poetry contest for students in grades K-12. Students could pick topics related to the 2012 CCED theme "Rethinking Recycling- It's Easy to Be Green!" First place winners were selected from four grade categories: K-2nd, 3rd-5th, 6th-8th, and 9th-12th. Poems could be any style (free verse, limerick, haiku, etc.). Entries were judged based upon relevance to and incorporation of the theme, word choice and imagery, colorful artwork, adherence to poem style, originality and creativity, and overall presentation.

Each 1st place winner will receive a check for \$50 and their winning poem entered into the national ACS CCED poetry contest sponsored by the ACS's Office of Community Activities and Committee on Community Activities. National ACS CCED poetry contest winners will be announced on April 22, 2012. The Pittsburgh Section wishes to thank all of the students who submitted entries, as well as the teachers who encouraged their student's participation in the contest.

The winners of the 2012 Pittsburgh Section ACS's CCED poetry contest:

K-2nd Grade

Caitlin D.

South Fayette Elementary School

3rd-5th Grade

Parv S.

South Fayette Elementary School

6th-8th Grade

Dylan T.

Our Lady of Grace School

9th-12th Grade

Lindsay H.

Penn-Trafford High School

Congratulations to all our winners and GOOD LUCK at the national ACS CCED competition!



THE SOCIETY FOR ANALYTICAL CHEMISTS OF PITTSBURGH

and

THE PITTSBURGH SECTION AMERICAN CHEMICAL SOCIETY

Annual Awards Dinner

Wednesday, May 16, 2012

Duquesne University Power Center Ballroom

Social Hour - 5:30 P.M.

Dinner - 6:30 P.M.

Entrée: Parmesan Crusted Chicken

Cost of Dinner for members and/or guest

\$15.00 per person

Each member may bring one guest.

Dinner Reservations: Please complete the Monthly Dinner Reservation Form under The May Meeting Notice on our website www.sacp.org by Friday, May 4, 2012. Should you not be able to access the form, please contact Valarie Daugherty, SACP Administrative Assistant at 412 -825-3220 ext 204 to make your dinner reservation. If you have any dietary restriction, please note when you make your reservation.

Parking: For parking, please use the Duquesne University Parking Garage on Forbes Avenue. Please bring your parking ticket to the registration desk for a parking validation sticker.

ACS Energy Technology Group Pittsburgh Section

Tuesday, May 15, 2012

"Risk and Choice Among Energy Technologies"

Professor Mitchell J. Small, Ph.D.

Carnegie Mellon University

Spaghetti Warehouse

26th & Smallman Streets, Strip District, Free parking behind the restaurant

Social Hour: 6:00 pm Dinner: 6:30 pm

Presentation: 7:30 pm

Mitchell Small received his Ph.D. from the University of Michigan in 1982. At that time he joined the Carnegie Mellon University Departments of Civil and Environmental Engineering and Engineering & Public Policy, where he now serves as the Associate Department Head of Graduate Education. Professor Small's research involves mathematical modeling of environmental systems, risk assessment and decision support, and is supported in part by the H. John Heinz III Professorship in Environmental Engineering. He recently completed 16 years as an associate editor for the ACS journal Environmental Science and Technology, and is a Fellow of the Society for Risk Analysis.

This talk provides an overview of the key dimensions and attributes of risk assessment as applied to existing, new and emerging energy technologies. The principal dimensions of risk include public safety, human health, local and global environmental, operational and financial risk, economic well being, and threats to social values and rights. Risk attributes include the magnitude and severity of events, their frequency of occurrence, societal value of outcomes (and differences across individuals and groups in these valuations), uncertainty in our characterizations of the risk attributes, and the potential for further scientific study to reduce this uncertainty. Qualitative risk comparisons are provided for selected energy technologies, including coal, nuclear, biofuel, shale gas extraction, and solar and wind power, highlighting comparative risk-risk tradeoffs between them. For technologies susceptible to rare (low-probability), high impact events, the potential effect of chance events on the evolution of technology choice is illustrated.

For reservations, please contact Elliott Bergman by 1:00 PM on Monday, May 14, 2012, at elliott.acstechnology@gmail.com. Our meetings are open to all.

The cost of the dinner is \$17 including tax and gratuity. Cash or check payable to: Energy Tech Pgh Section ACS. Please specify your preference: spaghetti with meatballs, 15-layer lasagna, four-cheese manicotti, fettuccini alfredo, or grilled chicken Caesar salad. Also, please indicate special needs such as vegetarian, gluten-free, etc.

Carnegie Mellon



PART-TIME STUDY

This interdisciplinary program of part-time study (currently in its 39th year) can lead to a Master of Science degree in Colloids, Polymers and Surfaces (CPS) offered by Carnegie Mellon University or can be taken for enrichment only. Course work is relevant to many industries that involve the application of nanoparticles, macro-molecules and interfaces to product manufacturing and development such as:

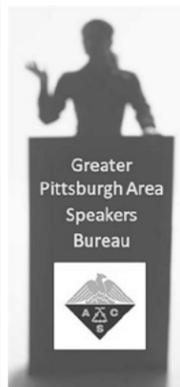
- nanotechnology
- coatings and pigments
- pharmaceuticals
- surfactant-based products
- food science
- environmental science
- polymers/advanced materials and biomaterials.

Participating faculty are drawn mainly from the Departments of Chemical Engineering and Chemistry.

Applications for Fall 2012 enrollment are now being taken. Classes begin August 27, 2012, and new students may enroll in the entry-level course, Physical Chemistry of Macromolecules.

For additional information, contact:
Dr. Annette M. Jacobson,
Director CPS Program
Carnegie Mellon University
Email: jacobson@andrew.cmu.edu
Website: www.cheme.cmu.edu/education/mscscatalog.htm

Attention: Speakers Wanted



The Pittsburgh Section of the American Chemical Society is establishing a local speakers bureau and we would like for you to consider joining.

The speakers bureau will be available on our web site and will facilitate the connection between those organizing symposia and speakers from our area.

If you would like to be listed in the Bureau, please provide the following information:

- Name
 - Affiliation
 - Contact Information:
 - Mailing Address
 - Website (if applicable)
 - Email address
 - Phone
 - Keywords/categories related to expertise (up to 5)
 - Current CV/Resume (in pdf format)
- Any questions should be directed to the Pittsburgh Section Chair, Michelle Ward (muscat@pitt.edu or 412-624-8064)



Spectroscopy Society of Pittsburgh



SSP AWARDS CEREMONY & FORMER CHAIRMEN NIGHT

MONDAY, MAY 21, 2012

5:30 P.M. – Social Hour
6:30 P.M. – Dinner
Presentation of Awards
Recognition of Former Chairmen

DUQUESNE UNIVERSITY
Power Center Ballroom

- RESERVATIONS -

The entrée will be Steak Oscar
(alternative dinner options of Chicken Pierre or Vegetarian Lasagna).

Please email Jenna Sabot at sabot@pittcon.org,
call (412) 825-3220 x212 or make reservations
online at www.ssp-pgh.org

NO LATER THAN FRIDAY, May 11, 2012.

Please provide first name, last name, and relationship for all attending.

- PARKING INSTRUCTIONS -

The Duquesne University Parking Garage is located on Forbes Avenue.
Upon entering the garage, receive parking ticket and drive to upper floors.
Pick up a parking chit at the dinner or meeting.

RSVP IS REQUIRED

Pittsburgh Section ACS Announces Exciting Travel Grants for Student Members

The Pittsburgh Section of the American Chemical Society has budgeted funds to help encourage undergraduate/graduate student participation in national and regional ACS meetings. The awards are intended to help defray meeting registration and travel-related expenses (lodging, transportation, per diem) for eligible students.

To apply for the funds, please go to the Pittsburgh Section Website at www.pittsburghacs.org and click on Pittsburgh Section Travel Grants.

Pittsburgh Section ACS Travel Grants
Attn: Dr. Michelle Ward
Room 107 / Chevron Science Center
219 Parkman Avenue

Electronic Copies: muscat@pitt.edu. Be sure to place "Pittsburgh Section ACS Travel Grants" in the subject line.

In 2012, the Pittsburgh Section of the ACS will award up to four \$500 grants to aid our undergraduate/graduate student members in presenting papers or posters at ACS Meetings. Awards will be made based on the scientific merit of the paper/poster to be presented and financial need. The deadlines for receipt of applications are 06/01/2012 (for travel to be completed by 12/31/2012) and 12/01/2012 (for travel to be completed by 06/30/2013).

This will be an ongoing program in our Section, and details will be updated on our web site (www.pittsburghACS.org) as necessary. The following deadlines will take effect for the 2013 calendar year:

- June 1st for travel to be completed between July 1st and December 31st of the same year
- December 1st for travel to be completed between January 1st and June 30th of the subsequent year

Applicants will be notified via email that their application was received. Awards will be announced within two weeks of the application deadline, and all applicants will be notified of the final committee decisions. Our committee is looking forward to helping increase the participation of local students in ACS conferences.

If you have any questions, please contact:

Michelle M. Ward, Ph.D.
Room 107 / 219 Parkman Avenue
Pittsburgh, PA 15260
Phone: 412-624-8064
muscat@pitt.edu

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Report on: ACS SPRING 2012 NATIONAL MEETING San Diego, CA

Four of the ACS Pittsburgh Section Councilors were in attendance at San Diego, CA.

The meeting attracted approximately 16,000 attendees and an exposition of 408 booths.

The Council selected Thomas J. Barton and Luis A. Echegoyen as candidates for 2013 President Elect.

The Committee on Nominations and Elections announced the selection of the following candidates for Directors-at-Large for 2013-2015 term: Carol A Duane, Valerie J. Kuck, Helen A. Lawlor, and Ingrid Montes. The election of two Directors-at-Large will be conducted in the Fall. Ballots will be mailed to the Council on or before October 10, 2012.

The Committee on Meetings & Expositions reported that the total meeting registration was 16,921. Of these, 8,974 were regular registrations, 1,065 were exhibitors, 5,742 were students, 753 were exposition only, and 386 guests. The exposition had 408 booths with 268 companies.

The Council voted to continue the Committee on Project SEED.

Despite the sluggish economy, ACS generated strong operating results in 2011. Total revenue was \$472.0 million, up 1.8 % over 2010. The net from Operations was \$20.9 million, or \$7.7 million favorable to the budget. This result was attributable to better than expected performance by the ACS Publications Division and careful expense management across the Society. While operating results were favorable, Unrestricted Net Assets declined from \$130.5 million to \$102 million. The decline was primarily due to a sizable accounting charge related to the Society's closed postretirement benefit plans. ACS ended the year in compliance with four of the five Board established financial guidelines.

The Council voted to set the member dues for 2013 at the fully escalated rate of \$151. This rate is established pursuant to an inflation adjustment formula in the ACS Constitution and Bylaws.

The Council voted overwhelmingly to approve two petitions. The Petition to Amend Recorded Vote Request Procedure provides that a call for a recorded vote after a clicker vote has commenced will be out of order, as would a call for a recorded vote after the initial clicker voting has taken place. The Petition on Market Data Collection seeks to add a provision to allow for controlled market testing to collect data before the Society changes benefits, dues, or membership categories. The Board of Directors will vote within 90 days on whether to ratify the approved petitions. Members were elected into the Society; 16,092 Regular Members and 8,157 Undergraduate Members.

The Council voted to approve the Chemical Professional's Code of Conduct as submitted by the Committee on Economic and Professional Affairs. The document offers guidance for Society members in various professional dealings, especially those involving conflicts of interest.

A special discussion item was put on the Council agenda for this meeting. ACS President Bassam Shakhshiri presented and moderated a discussion on "What is your reaction to the proposed topics for the ACS Climate Science Toolkit." President Shakhshiri's working group on ACS Climate Science has developed a preliminary web based toolkit that ACS members can use as a resource for understanding and communicating basic climate science. Following the presentation, Councilors engaged in a robust discussion on the proposed toolkit, and offered numerous suggestions for consideration.

The General Counsel report included a briefing on the ACS vs. Leadscope litigation. As previously reported ACS has appealed to the Ohio Supreme Court and the Court agreed to hear the case. Briefs have been filed in support of our position by several prestigious organizations, including the Ohio Attorney General, the Ohio Chamber of Commerce, the Ohio Manufacturer's Association and the Ohio State Bar Association. On September 7, the Supreme Court heard oral arguments in the case, and a link to the arguments can be found on acs.org. A ruling has not been issued but could come at any time. A more detailed report appears in the most recent edition of the Councilor Bulletin. Please contact the Office of the Secretary if you would like a copy.

The Board of Directors approved:

- The 2015 Pacificchem budget and authorized reimbursement, on a pro rata basis, to the participating ACS Divisions for expenditures in support of the Pacificchem program and activities.

- Changes to Board Regulations regarding the composition of the Planning Committee and the appointment of canvassing and award committees.

- A proposal to administer and present the AkzoNobel North American Science Award as recommended by the Committee on Grants and Awards.

- Proclamations recognizing the 100th Anniversary of the South African Chemical Institute and the 80th anniversary of the Chinese Chemical Society.

Respectfully submitted,

Richard S. Danchik (Author)
Michelle Coffman
Joe Jolson (Alternate Councilor)
James Manner
Pittsburgh Section Councilors

Greater Pittsburgh Women Chemists Club's (Wcc) Inaugural Year Profiled In National Wcc Newsletter

"Greater Pittsburgh Area WCC Kicks Off Inaugural Year"
*Published in the ACS Women Chemists Community Newsletter
Spring 2012*

The Greater Pittsburgh Area Women Chemists Committee (WCC) formed this past summer, with membership consisting of women from multiple academic and industrial institutions throughout the counties surrounding Pittsburgh. Dr. Michelle Ward, from the University of Pittsburgh, serves as chair for this inaugural year. The section has been active, holding monthly meetings, which alternate between roundtable discussions, dinner networking meetings, and technical talks.

The Greater Pittsburgh Area WCC hosted its first fall symposium on November 5, 2011, at the Chemistry Department at the University of Pittsburgh. The Empowering Women in Science Symposium attracted 40 women from five academic institutions and three local industrial companies. The event focused on how women can empower themselves to be successful scientists.

The symposium speakers—Ayana Ledford, Rebecca Harris, and Dr. Kathleen Schulz—all gave truly inspiring talks. Door prizes for the event included online leadership courses through the American Chemical Society, and the event concluded with a networking luncheon.

Ayana Ledford is the Founding Executive Director of the Program for Research and Outreach on Gender Equity in Society (PROGRESS), and her talk was entitled "Dollars & Sense: The Value of Asking for What You Want!" PROGRESS is housed at Carnegie Mellon University's H. John Heinz III College School of Public Policy and Management. Its mission is to teach women and girls the value of negotiation.

Rebecca Harris is the Director of the Center for Women's Entrepreneurship at Chatham University, and her talk was entitled "Finding Your Inner Entrepreneur." Rebecca is an entrepreneur with over 20 years of experience as a consultant and marketing specialist. She is passionate about developing

strategic programming to benefit women entrepreneurs and those working in local and regional businesses.

Dr. Kathleen Schulz currently serves on the ACS Board of Directors as a Director-at-Large, and her talk was entitled "From Pigtailed to a Ph.D.—Lessons Learned on the Journey." In 47 years as an ACS member, Kathleen has been active at all levels in the Society. She has worked for more than 40 years in nearly every sector of the chemical enterprise. She has held a wide variety of positions, including college professor, bench chemist, project manager, business unit director, and consultant. She has worked for organizations ranging from Hewlett-Packard, Rockwell International and Lockheed-Martin to Midwest Research Institute and California State University, Fresno. Over time, her focus has shifted from analytical chemistry to "people chemistry."

Plans are underway for a spring symposium in which the section will recognize the scientific achievement of women in the area. In addition, collaboration is underway with the Girl Scouts, where the Greater Pittsburgh Area WCC will host a Saturday event in which 9th and 10th grade girls can earn their "Science of Style" badge.

— Michelle Ward

Stay up-to-date on all the happenings of the Pittsburgh Section ACS

Section's Website:
www.pittsburghacs.org

Facebook Page:
ACS Pittsburgh

Linked In:
Pittsburgh Local Section ACS

Greening Up The Blue Dye In Jeans, Police Uniforms And The Red, White & Blue

Efforts are underway to develop a more environmentally friendly process for dyeing denim with indigo, the storied "king of dyes," used to the tune of 50,000 tons annually to color cotton blue jeans and hundreds of other products. That effort is the topic of an article in the current edition of Chemical & Engineering News (C&EN). C&EN is the weekly newsmagazine of the American Chemical Society (ACS), the world's largest scientific society.

In the article, C&EN Assistant Managing Editor Michael McCoy notes that concerns about the environmental effects of indigo represent a modern concern about an ancient product. Indigo produces a rainbow of hues, ranging from deep navy to pale pastels. For centuries, the primary source of indigo was branches of a bush native to India. In 1878, German chemist and Nobel laureate Adolf von Baeyer made the first synthetic indigo, but the process was too expensive. It took chemical manufacturer BASF years to find a practical process for making the dye, and that happened only because of a lucky accident in which a lab worker broke a mercury thermometer, and the mercury catalyzed a reaction to make the dye.

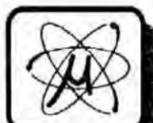
The story describes how a partnership between the dye manufacturer DyStar and Swiss startup RedElec Technologie may be the beginning of a new revolution in indigo dyeing that will improve its environmental profile. To get indigo dye to attach to denim and other fabrics requires chemical reactions before and after the dye impregnates the cotton fibers. Even with modern improvements to the technique, the process produces large amounts of waste. The article highlights a new approach designed to achieve a long-standing goal of eliminating the need for sodium hydrosulfite in the dyeing process. Doing so would green up the indigo dyeing process and stop a water pollution problem at its source.

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- Monthly Symposia by Prominent Researchers
- Promoting Science Education



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e-mail: manny@pitt.edu

Volunteers Needed!

There are a number of volunteer opportunities in the Pittsburgh ACS section! If you are interested in volunteering, please contact Jim Manner at manner1@comcast.net!

Crucible Deadline

The deadline for items submitted to The Crucible is the 1st of the month prior to publication.

For example, all items for the August 2012 issue must be to the editor by July 1, 2012.

The Crucible

The Crucible is published monthly, August through May. Circulation, 2,500 copies per month. Subscription price, six dollars per year. All statements and opinions expressed herein are those of the editors or contributors and do not necessarily reflect the position of the Pittsburgh Section.

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Pittsburgh Area Calendar

Saturday, May 12

2012 Tripartite Symposium

“Chemistry Behind the Cuisine”

Department of Chemistry, University of Pittsburgh, 219 Parkman Ave.
Pittsburgh, PA

Tuesday, May 15

ACS Energy Technology Group, Pittsburgh Section

“Risk and Choice Among Energy Technologies”

Professor Mitchell J. Small, Ph.D., Carnegie Mellon University
The Spaghetti Warehouse, 26th and Smallman Streets, Pittsburgh, PA

Wednesday, May 16

Society for Analytical Chemists of Pittsburgh and the Pittsburgh Section ACS

Annual Awards Dinner

Duquesne University, Power Center Ballroom, Pittsburgh, PA

Monday, May 21

Spectroscopy Society of Pittsburgh

Awards Ceremony & Former Chairmens Night

Duquesne University, Power Center Ballroom, Pittsburgh, PA

Tuesday, May 29

ACS Pittsburgh Chemists Club

“Nutrition - Food - Chemistry - The Links and Trends”

Judith Dodd, MS, RD, FADA, LDN, Adjunct Assistant Professor, University of Pittsburgh
The Spaghetti Warehouse, 26th and Smallman Streets, Pittsburgh, PA