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ADVANCE NOTICE

NOVEMBER MEETING

Thursday, November 15, 2012

Ullyot Lecture
Dr. Paul Anastas
Yale University
The Future of Green Chemistry

See the NOVEMBER issue of the Catalyst for details, call the Section Office at (215) 382-1589 or email PhilaACS@aol.com.
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The Catalyst

From The Chair

Rick Ewing

Our October meeting celebrates the significant achievements of distinguished members with the Philadelphia Section Award. This year we recognize Professor Marisa Kozlowski of the University of Pennsylvania who will be presenting her lecture entitled *Adventures in Oxidative Bond Forming Reactions: Development and Applications in Natural Product Synthesis*. The event, held at the University of Pennsylvania Chemistry building (details on page 193 of this issue) on October 18th, will be preceded by a social hour reception at 5:00 PM. Please attend if you can. This is a great opportunity to network, and to catch up with friends and colleagues.

Another significant event for the Section in October is the election of directors to the board, councilors, the next chair elect and treasurer. Please let your voice be heard and consider the slate of candidates and express your preferences for the candidates to fill these offices. The Section is gaining momentum on several fronts with its membership, in particular with the efforts of the Younger Chemists Committee (YCC) and Career Services Committee. We continue to have very strong programs with regard to awards and recognition and a continually growing undergraduate and graduate poster symposium. Please continue to support the Section through your voting in the upcoming election.

See page 193 for details on the lecture and reception.

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**NEWS ATOMS — Alan Warren**

**John M. Steitz** has been named president and CEO of Avantor. **Rajiv L. Gupta** remains as chairman of the company.

**DEATHS**

**Heinrich D. “Dick” Holland**, former visiting scholar at the University of Pennsylvania, May 21st at 84. Born in Mannheim, Germany, he escaped the Nazi era by way of the Kindertransport. He obtained his chemistry degree at Princeton and then served briefly in the United States Army working on secret projects with Wernher von Braun. He earned his PhD at Columbia and headed one of the first geochemistry research groups.

After a teaching career at Princeton and Harvard, Dr. Holland became a visiting scholar in Penn’s Department of Earth and Environmental Science. He was past president of the Geochemical Society and was a fellow of the American Academy of Arts and Sciences and a member of the National Academy of Sciences.

**Annemarie Weber**, retired professor of biochemistry and biophysics at Penn, July 5th at 88. She joined Penn’s school of medicine in 1972 as professor of biochemistry. She was named professor emerita in 1998 but continued to teach medical students, earning the Provost’s award for distinguished teaching in 2001. Weber was a member of the American Academy of Arts and Sciences and a fellow of the Biophysical Society.

---

**HEADS-UP: ELECTION 2012**

This fall we will hold an electronic election again. Please make sure that your email address is up-to-date with ACS National. Paper ballots will be available on request. We will be sending out postcards with the details to those with no ACS email and those with bounced email addresses.
The Philadelphia Section, American Chemical Society

presents the

2012 Philadelphia Section Award

Thursday, October 18, 2012

Dr. Marisa Kozlowski
Professor of Chemistry, University of Pennsylvania

Adventures in Oxidative Bond Forming Reactions: Development and Applications in Natural Product Synthesis

6:00 PM

Carolyn Hoff Lynch Lecture Hall
Chemistry Building, University of Pennsylvania
34th and Spruce Streets, Philadelphia, PA

The reception and lecture are free

Reception: 5:00-6:00 PM in the Alumni and Faculty Hall of Fame, Chemistry Building

Dinner: Following the lecture at Penne Restaurant, 3611 Walnut Street

Dinner cost: $50; Students with reservations and ID: $25

RESERVATIONS should be made by calling Mrs. Harper at the Section Office, (215) 382-1589, or emailing PhilaACS@aol.com by 5:00 PM Thursday, October 11th. Cancellations, if necessary, cannot be accepted after NOON on Tuesday, October 16th. UNCANCELLED RESERVATIONS WILL BE BILLED.

PARKING is available in the Drexel University garage on Ludlow Street (from Market Street go south on 34th; it’s the first left) and a University of Pennsylvania garage on 34th Street just past Ludlow. Metered street parking may also be available.

The Board of Directors will meet at 4:00 PM in the Makineni Room of the Chemistry Building (Room 260 in the Cret wing), University of Pennsylvania.
SPEAKER'S ABSTRACT AND BIOGRAPHY

Dr. Marisa Kozlowski
Professor of Chemistry
University of Pennsylvania

Adventures in Oxidative Bond Forming Reactions: Development and Applications in Natural Product Synthesis

Abstract: Inspired by Nature’s use of oxidative couplings to construct carbon-carbon, carbon-oxygen, and carbon-nitrogen bonds in many natural products, we have undertaken studies of these important transformations. The development of selective catalytic processes for naphthol coupling, phenol coupling and N-arylation that utilize oxygen as the terminal oxidant will be discussed. Applications to the synthesis of chiral natural products including nigerone, hypocrellin, cercosporin and bisoranjidiol, as well as to the synthesis of novel optically active materials, will be presented.

Biography: Marisa Kozlowski was born in Hamburg, Germany and raised in the town of Liverpool in upstate New York. She received an AB in Chemistry from Cornell University in 1989 and a PhD from the University of California at Berkeley in 1994 for work on the rational design of enzyme inhibitors under the direction of Paul Bartlett. After studying asymmetric catalysis in the laboratories of David A. Evans at Harvard University as a National Science Foundation post-doctoral fellow, she joined the faculty at the University of Pennsylvania in 1997 and currently holds the rank of Professor of Chemistry. The major focus of Professor Kozlowski’s research is the development of methods for the design of asymmetric catalysts. Two clear challenges in the area of asymmetric synthesis are the rapid identification of appropriate catalysts for given processes and the development of cost-effective catalysts for large-scale applications. Professor Kozlowski’s contributions have been recognized by a DuPont Young Investigator Award in 1998, an NSF CAREER Award in 2001, an Alfred P. Sloan Research Fellowship, the Kahn Award for Distinguished Teaching by an Assistant Professor at the University of Pennsylvania, an American Cancer Society Beginning Research Scholar Award in 2002, an ACS Travel Progress Award in 2007 and the Philadelphia Organic Chemists’ Club Award in 2010. In addition to over 60 independent publications, Professor Kozlowski coauthored, with Professor Patrick Walsh, the book Fundamentals of Asymmetric Catalysis, available from University Science Books. She has served on numerous study sections including a term as Chair of the American Cancer Society CDD Study Section. She is currently Secretary-Treasurer of the Division of Organic Chemistry of the American Chemical Society.
The ACS Council met in Philadelphia on August 22\textsuperscript{nd}. As of that date, the Philadelphia National Meeting itself had drawn 13,320 registrants, including 7,817 regular attendees and 3,177 students. This is maybe 1,200 fewer than expected, and the reasons are not clear, but my hypothesis is “Philadelphia fatigue” — i.e., the folks who had not seen Philly since 1984 got to see it already in 2004 and 2008.

From our local Section, Judith Currano (University of Pennsylvania) was elected in national competition to the Council Committee on Committees (yes, it’s true), while Bonnie Lawlor (NFAIS, Philadelphia) became a candidate for Director-at-Large. Thomas Barton (University of Iowa) and Luis Echegoyen (University of Texas) were announced as President-Elect 2013 candidates for Fall’s upcoming elections.

The Committee on Meetings and Expositions is hoping to eliminate the print version on-site program books by the 2013 Fall national meeting in Indianapolis; this saves $$, and should shorten the currently very long abstract lead times.

The Society’s actual budget is emerging in the black with respect to the projected budget, in gross dollar terms. This year’s overall budget approaches $490M, suggesting that in 2013, the Society will become a half-billion dollar operation.

The Council received, but voted not to approve, a Petition on Candidate Comment in C\&EN which sought to restrict candidates for election to the Board of Directors from publishing comments in C\&EN from May through the balloting period. The Council also voted (64\% to 36\%) to not approve a Petition on International Chemical Sciences Chapters Funds which sought to clarify how the Board of Directors may grant funds to international chapters for specific purposes. The tenor of the discussions was that these were not really essential amendments to the Bylaws.

Council also received one petition for an amendment to the ACS Constitution and Bylaws for consideration (not action): The Petition to Amend National Election Procedures seeks to shorten the campaign period for candidates for President-Elect and to charge the Committee on Nominations and Elections (N&E) with proposing two candidates for President-Elect. Currently, N&E proposes four nominees from which Council selects two candidates on Council floor in Spring. Under the petition, Council would no longer vote on a list of nominees. The process for petition candidates whose names are put forward outside the above process, would not change. This petition will be on the Council agenda for action at the 2013 spring meeting in New Orleans, and is sure to generate animated discussion.

Council voted to establish a Joint Board-Council Committee on Senior Chemists, meaning those over 60 years of age. Given the demographics of the Council, it was perhaps no surprise that this was brought to vote with very little discussion.

The number of ACS’s domestic regular members (paying full dues) has declined, but compensated for by increases in international regular members and undergraduate student members.
The President’s special discussion item was “What major efforts should ACS pursue to help alleviate water and other global challenges?” More than 30 Councilors engaged in a discussion of this global challenge and offered some suggestions for action.

As of this meeting, there was still no opinion announced by the Ohio Supreme Count on ACS’s appeal in the Leadscope litigation case.

Two URL’s of potential utility:

www.acs.org/climatescience - Information on the ACS Climate Science Toolkit - you can find out what’s true to say, when people ask you about climate change and

www.acs.org/councilreports - Location for committee reports posted following the Council meeting.

Philadelphia Councilors at the August National Meeting
Left to right: John Crawford, Anne DeMasi, Judy Summers-Gates, Tony Addison, ACS President Bassam Shakhashiri, Melissa Cichowicz, Deborah Cook, Kathy Shaginaw, Georgia Arbuckle-Keil, Judith Currano.

Left to right: Ella Davis, ACS CEO Madeleine Jacobs, Judy Summers-Gates and Judy Cohen.
CHEMICAL CONSULTANTS NETWORK
OCTOBER 10, 2012 MEETING

Visit our website at  www.chemconsultants.org

Date & Time:  Wednesday, October 10, at the Cynwyd Club, Bala Cynwyd, PA; Networking, 5:30 PM; Dinner, 6:30 PM; Talk and Business Session, 7:30 PM.

The Importance of Shape – A Primer for Chemical Consultants

Abstract: Our Speaker, Dr. Roman Bielski, knows a thing or two about shapes. His talk requires little or no knowledge of chemistry, just an open mind. Some spatial imagination may help but is not essential. The talk will concentrate on geometry of two and three dimensional structures belonging to small and large molecules. He will briefly discuss shapes and structures of a chemical version of a platonic solid (dodecahedrane), Möbius strips, rotaxanes, catenanes and various self-assemblies. Architectures of natural compounds such as helices, double helices and other 3D structures of natural macro-molecules will also be discussed. Geometries of some polymers including dendrimers and compounds that have not been synthesized yet will be presented.

Bio: Roman Bielski was born in Katowice, Poland. He graduated (majoring in chemical engineering) from the Warsaw University of Technology and received his PhD in organic chemistry (under the direction of Prof. Osman Achmatowicz) in 1974. He carried out his post-doctoral research with Sir Derek Barton at Imperial College in London. After spending several years in academia (Warsaw Agricultural University, Lehigh University and Cornell University) he worked in and co-founded a few small biotech companies. In addition to being an acknowledged expert in chiral chemistry he is the Chief Technical Officer for Value Recovery, a Partner in ChemInnolab and an Adjunct Professor at the Pharmaceutical Department of Wilkes University. He has published about three dozen papers and co-authored sixteen patents.

Location: The Cynwyd Club, 332 Trevor Lane, Bala Cynwyd, PA 19004. From I-76, drive S on City Line Ave. (US Rte. 1). Turn right on Conshohocken State Rd. (Rte. 23); stay in right lane. After second light watch for white left-turn arrows painted on street (about 0.14 mile). Do not follow Rte. 23 left at turn but instead go straight ahead onto Llandrillo Rd. (passing to the right of Valley Press printing). After one block bear left onto Trevor Lane at stop sign. Clubhouse and parking are on the left. Please park in lot if space is available; otherwise park on Trevor Lane. If lost, call the club at 610-667-4524, ext. 2. MAP

Reservation: To make or cancel a dinner reservation, e-mail CCNReservations@aol.com or call the ACS office at 215-382-1589 (leave message on voicemail if necessary). Fee, including food and beverages (wine, beer & sodas), is $25 by the deadline, Thursday, October 4th, $35 afterwards. Late reservations and walk-ins subject to availability. No-shows will be invoiced. Please advise of any special food requirements. There is no charge for talk only; registration is suggested using contact information above.
I am happy to report that on Tuesday, September 18, 2012, I attended the Annual Dinner and Meeting of the Friends of the Joseph Priestley House. Three years ago I reported in the Catalyst that cuts in state funding were going to force the Joseph Priestley House to close. Funding cuts eliminated the two paid staff positions and most of the programs. Fortunately, the Priestley House has not closed and continues to offer historic and educational programs. While many individuals and organizations, including the ACS, worked to keep the House open, much of the credit for this transition from a paid staff to an all unpaid staff and for the fine programs now offered must go to the Friends of the Joseph Priestley House.

Joseph Priestley, the man who discovered oxygen and the father of chemistry in this country, lived the final years of his life in Northumberland, PA. The Joseph Priestley House contains the laboratory in which Priestley discovered carbon monoxide.

While not the birthplace of the American Chemical Society, Priestley’s house was the place of its inception. A meeting of American chemists at the house in 1874 on the 100th anniversary of Priestley’s discovery of oxygen led to the formation of the ACS in 1876.

Before the dinner the Friends of the Joseph Priestley House held a reception for the opening of a new, permanent exhibit – The Joseph Priestley Timeline. This exhibit presents Priestley’s life on eight panels in intervals of about 7 to 15 years. Each panel presents the events of Priestley’s life in those years, his growth and his accomplishments.

The dinner and meeting was attended by about 40 members of the Friends of the Joseph Priestley House, of whom the great majority were chemists. The after dinner guest speaker was Carla Mulford, Assistant Professor of English at Penn State. She discussed the relationship between Priestley and Benjamin Franklin and their interest in finding ways to publish and disseminate their research findings.

Left: Front of the Priestley House. Right: Annual dinner attendees mingle before the meal.
Guidelines for Student Affiliate Chapters to Request Funds to attend National ACS Meetings

Undergraduate students from ACS Student Affiliate Chapters in the Philadelphia Section are encouraged to consider attending National Meetings of the American Chemical Society. In this regard, a limited amount of funding will be provided to chapters requesting sponsorship based on the following general guidelines.

General Guidelines

1) First consideration will be given to student(s) who wish to attend a National Meeting of the American Chemical Society (ACS) to give a presentation (oral or poster). Students attending for other purposes, i.e., to receive an award or attend a specific workshop, etc., are also eligible to apply for support.
2) The student(s) must have requested support from their College or University (including department and/or advisor) to assist in defraying the travel costs. Please attach a copy of the correspondence.
3) The student(s) should have a clear idea of the benefits of attending the conference. Please attach a short paragraph from each student indicating which sessions, including workshops, etc., the student plans to attend and why these sessions will help them obtain their professional goals.

All applications must include an itemized list of the projected costs of the trip, i.e., registration, air-fare, train or car expenses, hotel, etc., and indicate which of these costs (if any) are being provided by other sources.

An application for travel support can be made at any time to the Philadelphia Section, but for full consideration, the application must be received by the Section Office by January 31st for the Spring meeting and May 31st for the Fall meeting.

The Philadelphia Section will evaluate all applications received by the deadline and vote at the February meeting for the Spring ACS meeting applications and at the June meeting for the Fall ACS meeting applications. The amount of funding available may be influenced by the number of applications for a particular meeting and the costs of attending that meeting, i.e., where it is being held.

The successful applicant must submit a brief report highlighting the conference experience to the Philadelphia Section at the completion of the trip. The original receipts should also be submitted to the Section Office for reimbursement.

DON’T FORGET TO PAY YOUR LOCAL SECTION DUES!

ONLY $10 SUPPORTS ALL OF YOUR LOCAL PHILADELPHIA SECTION ACTIVITIES!

October 2012
As many members of ACS are already aware, the website LinkedIn ([http://www.linkedin.com](http://www.linkedin.com)) is an excellent networking site dedicated to keeping working professionals in touch with one another. As a result, and in an effort to assist in any way that we can, the Philadelphia Section of the ACS has established a group open for all to join. Within this group, discussions can be facilitated as well as the opportunity for new jobs and internships to be posted.

If you already have a profile in LinkedIn, feel free to go to the Groups Section and search for “American Chemical Society - Philadelphia Section.” Send a message to the group administrator to become a member. If you are not already on LinkedIn, we highly recommend that you join. Establishing an account is free and easy to set up. For additional information or assistance, please feel free to contact J.P. Northrop, Liaison Committee, at

[john.northrop@anton-paar.com](mailto:john.northrop@anton-paar.com)

To join, please click on the following link: [http://www.linkedin.com/groups?mostPopular=&gid=3366988](http://www.linkedin.com/groups?mostPopular=&gid=3366988)
FALL 2012 ELECTION SLATE

CHAIR ELECT
Steven Fleming
Douglas Hausner

TREASURER
David Cichowicz

DIRECTOR
Deborah Cook
John Crawford
Jason Cross
Ella Davis
Kathryn Lysko
Joseph Martino
Marge Matthews
Christine McInnes
James Tarver
Denise Thomas
Michael Tunick
Bo Wang

COUNCILOR
Anthony Addison
Carol Jean Bruner
Anne DeMasi
Rick Ewing
Mark Forman
Douglas Hausner
Alan Heldon
Robert Levis
John Nikelly
Russell Phifer
Kathleen Shaginaw
James Tarver

2012 Eastern Analytical Symposium & Exposition
November 12–15, 2012
Garden State Exhibit Center
Somerset, New Jersey

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EAS Hotline (732) 449-2280
DELAWARE SECTION FREE SOCIAL NETWORKING EVENT

Members of the Philadelphia Section are invited to a free networking event on Mole Day, October 23, from 7-9 PM hosted by the Delaware Section of the ACS.

Staffers from ACS will share information on the ACS Network and other social networks at 7 PM at the DoubleTree Wilmington, Concord Pike, Wilmington, DE. A free dessert social/networking event with a cash bar will follow.

In order to have enough dessert, reservations are requested by Thursday, October 18th at: https://events.r20.constantcontact.com/register/eventReg?oeidk=a07e6ewx19bf678ed6a

Here is the link to the DE section calendar for more details: http://delacs.sites.acs.org/apps/calendar/showEvent?callID=3863681&eventID=192559774&next=showMonth%3fcallID%3d3863681%26year%3d2012%26month%3d9

2012 ACS Fellows

Five new Philadelphia Section ACS Fellows were celebrated at the August National Meeting. Cheryl Martin and Tony Addison (above); also Brian Bidlingmeyer, Roger Jones and Arnold Thackray.
641st BOARD OF DIRECTORS’ MEETING

Thursday, June 21, 2012
The Chemical Heritage Foundation, Philadelphia, PA 19106


The meeting was called to order at 2:00 PM by R. Ewing.

When the meeting was called to order a quorum was not present and the vote to accept the May Meeting minutes was delayed until a quorum arrived.

COMMITTEE REPORTS:

A. Awards Committee
No report.

B. Career Services Workshop (Joe Martino reporting)
Last Career Workshop on May 17 at La Salle had a low turnout with 8 participants out of 21 who had signed up for the workshop.

Career Services is planning a September event in conjunction with the New Jersey BioPharma Networking Group (NJBPNG) at Bowman’s Tavern in New Hope, PA. Date and time are to be determined.

As a follow up to our recent Career Workshop we conducted a survey of the workshop. Five participants responded saying that the workshop was a worthwhile investment of their time.

New Workshop subjects are being brainstormed, with the subject matter considered being “independent employment” – temp agency, contract-to-hire, consulting, franchising, entrepreneurial efforts, etc.

National ACS Career Services is rolling out the new ACS Career Pathways workshops at the National Meeting in August in Philadelphia. The new structure involves a workshop on finding one’s career path, followed by four individual workshops about one of the career paths (industry, government, academia, and entrepreneurship) and culminating with a workshop on interviewing. There is a potential that Career Services may wish to have an ACS Career Consultant from National who is trained in the entrepreneurship workshop to present this workshop for one of Career Services’ future career workshops. However, compensation to the consultant for presenting in addition to travel expense reimbursement may be required from the Section as an expectation from National. Joe Martino will discuss with J.P. Northrop in light of the Section’s current non-reimbursement policy regarding speakers for Career Services events.

The local Career Services Committee in not planning an event at the August Annual Meeting.

YCC Fun Run will be Monday, August 20th at 7:30 AM. Entrance will cost $30 but entrants will receive a t-shirt and a bottle of water.

A quorum being now present, a vote to approve the May minutes was conducted. Three abstained –Summers-Gates, Davis, Cook – seven approved. The motion was approved.

C. Government Affairs Committee (Alan Heldon).

a. The Philadelphia Section sent, on May 21st, slightly over 100 letters to senators and representatives comprising the leadership of those bodies and the leadership of the respective education and appropriations committees in support of funding of the Science In Motion program. We are happy to report that Science In Motion is now part of the budget process. We received a letter from Rep. Tartaglione in response to our letter.

b. PA Government and Legislative Affairs Committee visited senators and representatives on June 12, 2012 in their Harrisburg offices to advocate for STEM education and Science In Motion. PaGALA was well received and PaGALA found support for STEM education in every office visited.

D. Nominating Committee (R. Ewing): R. Ewing calls for
volunteers to help with all of the various functions of the Nomi-

tating Committee.

The Office of Treasurer is sub-
ject to nominations and election
in this election cycle.

The Office of Secretary will be
subject to regular election in
next year’s election cycle. Sec-
retary Heldon was appointed to
the Office of Secretary after the
prior, elected, Secretary re-
signed. The Board voted unani-
mously to continue Alan Hel-
don’s appointment as Secretary
until next year’s election cycle.

OFFICER’S REPORTS:

A. Chair (R. Ewing): We need
16 student runners at the August
National Meeting. The pay will
be $12-13/hour. Eight hour
days. Flexible hours are avail-
able.

The nomination deadline for
these positions is immediate.

National needs the list by
mid-July.

RECEPTION BOOTH
STAFFING

Our reception booth offers many
opportunities to meet and greet.
The Booth needs to be staffed:
3:00–6:00 Saturday, August 18th
7:30–2:30 Sunday, August 19th
7:30–2:30 Mon. through Thurs.
August 20-22nd.

Volunteers should send their
availability to Libby Harper at
PhilaACS@aol.com

The Communications Commit-
tee is putting together a special

edition of the Catalyst for the
August National Meeting. The
contents will be tailored to visi-
tors to Philadelphia. It will con-
tain a restaurant guide and notes
on historical sights. This special
dition will only be available in
e-form. A hyperlink for Meeting
Registrants will take them di-
rectly to the Special Catalyst
dition.

D. Hauser will get a new banner
for the Section to use at the Hos-
pitality Booth.

Question: Can section volun-
teers work at the hospitality
booth without registering at the
meeting?

Merck Grant appropriations

The Section has a grant from
Merck for $5000.00 that must
be charged against a project by
November 1, 2012. The grant is
for the year 11-1-2011 to
11-1-2012.

- Bill Smith proposes that
Grant moneys be used to fund
10 low income high school stu-
dents’ attendance to the August
National Meeting.

- Anne DeMasi suggests an
evening event to target women
in chemistry.

A Motion to approve Bill
Smith’s proposal was made, sec-
onded and unanimously ap-
proved for $1,400.00.

Ann DeMasi was asked to sub-
mit more information regarding
the activity, numbers of guests
and costs.

B. Secretary’s Report (A.
Heldon): No report.

D. Treasurer’s Report (D.
Cichowicz): Reimbursement for
Counselor Expenses was re-
ceived from National.

Reimbursement for YCC funds
was received from National.

Section finances are reported as
strong.

A motion to accept the Trea-
surer’s Report was passed
unanimously.

With no additional business, a
Motion to adjourn was passed.

Respectfully submitted,

Alan R. Heldon, Secretary

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ports our many activities.
Intrapreneurs – How to Build Successful Ventures within Large Companies

Thursday, October 4, 2012 | 2pm-3pm EST
Like to develop your entrepreneurial spirit with the resources of a large corporation? Learn how you can be the change agent in your corporation!
Speakers: Dr. Shashi Jasty, Director of Materials Science for Sigma-Aldrich, Dr. Alicyn Rhoades, Assistant Professor of Plastics Engineering Technology at Penn State University and Judy Giordan, Partner at EcosVC

More Tips from the Trenches: Successful Project Summaries

Thursday, October 11, 2012 | 2pm-3pm EST
Back by popular demand, Celia Elliott will be continuing her Research Proposal World Tour with ACS Webinars. For her second appearance, she will be narrowing her focus to concentrate on writing a persuasive project summary. Celia will cover the project summary “musts” for winning research proposals and describe the common mistakes that proposers make. You’ll learn a simple, fool-proof, four step recipe for creating effective project summaries.

Speaker: Celia Elliott, University of Illinois at Urbana-Champaign.

The Sweetest Day and the Chemistry of Sweetness

Thursday, October 18, 2012 | 2pm-3pm EST
Join ACS webinars and ACS Education Division as we explore the Sweetest Day and the chemistry of sweetness. Haven’t heard of the Sweetest Day? It’s a little known holiday that celebrates those that bring sweetness in to your life through gifts of candy and sweets. Whether or not you have a sweet tooth, join us for a discussion on the sweet science behind candy making as well as a few tips on how to make a treat or two for those that sweeten your life.

Speaker: Sally Mitchell, East Syracuse Minoa High School

Spooky Science: Nano materials and Reality

Thursday, October 25, 2012 | 2pm-3pm EST
More info to come

Speaker: Bill Coish, McGill Department of Physics

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<td>Monday, Oct. 8</td>
<td>Delaware Valley Mass Spectrometry Discussion Group: Josh Coon, University of Wisconsin: New MS Technology for Electron Transfer Dissociation, PTM Mapping, Large Scale Quantification, and High Throughput Targeted Proteomics</td>
<td>Villanova University Villanova, PA [<a href="http://science.widener.edu/svb/msdg/">http://science.widener.edu/svb/msdg/</a>]</td>
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<td>Wednesday, Oct. 10</td>
<td>Chemical Consultants Network: Roman Bielski, Value Recovery, ChemInmolab and Wilkes University: The Importance of Shape – A Primer for Chemical Consultants</td>
<td>The Cynwyd Club Bala Cynwyd, PA [<a href="http://www.chemconsultants.org">www.chemconsultants.org</a>]</td>
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<tr>
<td>Tuesday, Oct. 23</td>
<td>Delaware Section, ACS: Free MOLE Day Social Networking and Dessert Social. Reservations requested</td>
<td>Double Tree Wilmington Wilmington, DE [<a href="http://delacs.sites.acs.org/apps/calendar/showEvent?calID=3863681&amp;eventID=192559774&amp;next=%2fshowAgenda%3fcalID%3d3863681%26pageNum%3d1">http://delacs.sites.acs.org/apps/calendar/showEvent?calID=3863681&amp;eventID=192559774&amp;next=%2fshowAgenda%3fcalID%3d3863681%26pageNum%3d1</a>]</td>
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| Saturday, Nov. 3    | PAGES™: Philadelphia Area Girls Enjoying Science Program for Sixth Grade Girls | Chestnut Hill College Philadelphia, PA [http://www.pagesprogram.org/]
| Friday, Nov. 9      | Delaware Valley Society for Radiation Safety (Health Physics Society): Symposium celebrating Marie Curie, Radium and Women in Science | Mutter Museum, College of Physicians Philadelphia, PA |
| Friday, Nov. 9      | NOBCChE Lecture: Malika Jeffries-EL, Iowa State | University of Pennsylvania Philadelphia, PA [http://www.chem.upenn.edu/chem/]
| Thursday, Nov. 15   | Ullyot Lecture: Paul Anastas, Yale University: The Future of Green Chemistry | Chemical Heritage Foundation Philadelphia, PA [www.chemheritage.org] |
| Saturday, Dec. 8    | Herb Bassow Memorial Chemistry Demonstrations and Hands-on Activities for All Ages | TBA |