Philadelphia Section's Booth at the National Meeting
Volunteers, left to right: Libby Harper, Carol Jean Bruner, Tony Addison, Alan Heldon

ADVANCE NOTICE

OCTOBER MEETING

Thursday, October 18, 2012

Philadelphia Section Award
Dr. Marisa Kozlowski
University of Pennsylvania

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

- October Advance Notice ........................................ 171
- Chair’s Column .................................................. 173
- News Atoms ....................................................... 175
- September Board Meeting ....................................... 178
- Photo of Fifty-Year Members. ................................... 178
- June was Baby Month ............................................. 178
- iPRAXIS Volunteer Opportunities ............................. 179
- Fall Networking Event ............................................ 180
- Local ACS on LinkedIn .......................................... 180
- Celebrate National Chemistry Week ......................... 181
- National Chemistry Week Poetry Contest ................... 182
- May Board Meeting Minutes .................................. 183
- Chemical Consultants Network ................................. 184
- Association for Women in Science Networking Event .... 185
- ACS Webinars .................................................... 186
- Directory of Services ............................................ 187
- 2012 Calendar ..................................................... 188

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phone: (781) 837-0424; email: cust-svc@mboservices.net.
Rick Ewing

As I write this column, the 244th ACS National Meeting has just concluded. With over 13,300 attendees, the meeting was a huge success. The Philadelphia Local Section was well represented with members who served on governance committees, presented talks and posters, organized and chaired scientific sessions, volunteered their time at the Local Section booth or helped with the meeting logistics, and attended the meeting. In particular, I want to highlight several events at the meeting that were organized and led by Local Section members.

Christine E. McInnis of the Philadelphia YCC secured an Innovative Program Grant (IPG) through ACS National which was used to sponsor a symposium entitled “Beyond the Bench: Non Traditional Careers in Chemistry.” This was the first time that a Local Section Younger Chemists Committee (LSYCC) sponsored a symposium at an ACS national meeting in their own home town. Approximately 60 people were in attendance for the symposium. Nearly all of the speakers were members of the Philadelphia Local Section and included Michael Haukaas (Patent Attorney), Michael Becker (Financial Advisor), David Wolf (Forensic Scientist), Joanne Ryder (Regulatory Specialist), Bill Smith (High School Chemistry Teacher), Judith Curran (Chemical Librarian), Timothy Garrett (Instrumentation Specialist) and Christy Henley (Chemical Sales). The division of professional relations sponsored a networking lunch in between the morning and afternoon sessions of the symposium. The event was very well received and the Philadelphia LSYCC symposium is being used as a model for subsequent symposia in New Orleans in March and Indianapolis next August.

Kristin Lammers of the Philadelphia YCC coordinated the Philly YCC- and National YCC-sponsored night out at Dave and Buster’s held Tuesday, August 21, 2012. This event provided a venue for fellow younger chemists to network in a more casual setting. The attendance of 25 to 30 people included undergraduates, graduate students, postdocs, newly appointed professors and chemists from industry from Vermont, Boston and Philadelphia. Academic institutions represented included University of Rhode Island, Drexel University, University of Pennsylvania, Ole Miss and Temple University. The night included an Italian feast buffet with billiards and games. Everyone gave a bit of advice to others who were trying to establish themselves in industry and academics. The night was a big success and new contacts were made!

Danielle Sherwood was the event coordinator for a Philly fun-run (led by City Running tours) which took participants on a guided 3.5 to 5-mile running tour of the city. The routes went through Philadelphia’s tree-lined Fairmount neighborhood, past the Rodin Museum, the Barnes Foundation, the Philadelphia Museum of Art with a run to the top of the Art Museum steps, along the Schuylkill River with a finish in the downtown area. About 50 people ran the event in groups of 5-10 participants.

Bill Smith, a chemistry teacher at Bristol High School, brought four 12th grade students and one June graduate, all from Bristol High School in Bucks County to the ACS National Meeting on Monday August 20th. The students were John Doyle, Deirdre French, Mike Petrino and Evan Weinberg. The graduate was Emily Crispell who will be attending Bryn Mawr as a Chemistry major and has earned an ACS Scholarship. The group attended several workshops on the Innocence Project and also attended the YCC symposium.
The Catalyst

The students attended a presentation on the IAEA’s work with the UN among other workshops, seminars, and presentations. Three signed up as Chemistry Ambassadors and participated in the video being produced on that topic. Additionally, they met the President-Elect candidates and the head of the ACS ChemClubs program.

Joe Martino from the Section’s Career Services committee was very active at the Philadelphia ACS meeting and took part in the CEPA Career Planning workshop as a facilitator/trainer. Our Career Services committee continues to be a very active and proactive group providing new events for our membership. This year, Career Services organized a workshop on networking which was well-received by the participants, and they are currently planning a career workshop on independent employment options such as contract work, consulting and entrepreneurship for the end of this year. The new series of Career Services networking events which has started last year also continues to grow. Not only are these quarterly events held in Philadelphia, but also in the suburbs as well! The group has sponsored networking events in North Wales and in Plymouth Meeting, and on September 18th, they will be co-sponsoring our Fall Networking Event with the New Jersey BioPharma Networking Group at Bowman’s Tavern in New Hope. Please join the group on LinkedIn, keep an eye on their website, and keep reading the Catalyst for future Career Services activities!

Bill Smith with some of his Bristol High School students at his presentation during the August National Meeting.

Again our councilors prove to be active, innovative and vocal at the ACS governance meetings, with several leading ACS committees. At Wednesday’s Council meeting, Council voted to establish a Joint Board-Council Committee on Senior Chemists whose mission is to enrich the educational, technical and cultural lives of the ACS Membership by ministering to and employing the talents of senior ACS members. The committee is aimed primarily at members over 60 years of age. The next step is a vote by the Board of Directors on whether to establish the committee. The Committee on Economic and Professional Affairs (CEPA) has unveiled six new four-hour workshops, as the ACS Career Pathways series. CEPA trained more than 40 volunteer facilitators and the workshops are now available for regional meetings and local sections. One other highlight was a discussion led and moderated by ACS President Bassam Shakhashiri on “What major efforts should ACS pursue to help alleviate water and other global challenges?” The discussion focused on the crisis of available drinking water for the world population (with over 1 billion people without access to clean drinking water) and on what impact the ACS and its membership could have on providing help, counsel and solutions on alleviating this global challenge. Numerous Council members participated in the discussion, sharing information on resources, expertise and possible avenues for the ACS to embark on to impact this global health challenge.

The Local Section had an information booth which was well staffed with Local Section volunteers. I sincerely thank the Communications Committee for providing rich write-ups on restaurants, museums and historical sites, getting around Philadelphia and local shopping. Philadelphia proved to be
the Catalyst

an excellent venue for the National ACS meeting, for its rich culture, history, excellent accommodations and access to high level science. In addition, we are fortunate to have access to a wealth of chemical history at the Chemical Heritage Foundation which hosted many events related to the ACS National Meeting. Thanks again to all the local participants and volunteers. The next ACS National Meeting to be hosted by Philadelphia is in 2016….stay tuned.

Respectfully,
Rick Ewing

NEWS ATOMS

Franklin A. Davis, the Laura H. Carnell professor of chemistry at Temple University, was honored by the ACS Division of Organic Chemistry with the Paul G. Gassman distinguished service award. The award is sponsored by Bayer and recognizes outstanding service to the organic chemistry community.

Rita Aiello and Kevin Doura were appointed staff scientists at Johnson Matthey’s stationary emission control center.

Jenny P. Glusker, professor emeritus at the Fox Chase Cancer Center, was one of two recipients of the John Scott award, funded through a trust administered by the board of directors of City Trusts in Philadelphia. The award honors those who made outstanding contributions to the comfort, welfare and happiness of humanity.

One of the graduate students recently honored with the Penn Prize for excellence in graduate student teaching was Yitao Zhang in Penn’s chemistry department.

Penn has recognized Professor Madeleine Joullié for her bequest to endow the Allan R. Day memorial research fund. Penn has also established an endowment fund for the Madeleine Joullié Lectureship.

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September 2012
Gideon Dreyfuss, Norris Professor in Penn’s Perelman School of Medicine’s department of biochemistry and biophysics, was elected to the National Academy of Sciences.

Jeanne C. Myers, U of P associate professor emerita of biochemistry and biophysics, retired at the end of the 2011-2012 academic year.

DuPont chemist David R. Corbin was recognized by the DuPont Fellows with the Pedersen medal. Named for DuPont’s Nobel Laureate Charles J. Pedersen, the honor recognizes significant technological achievements that reflect scientific excellence and outstanding contributions.

The following Section members were named 2012 American Chemical Society Fellows for their contributions to science and the profession: Anthony W. Addison of Drexel University, Arnold J. Thackray of the Chemical Heritage Foundation, Brian A. Bidlingmeyer of Argilent Technologies, Roger F. Jones of Franklin International, and Cheryl A. Martin of Advanced Research Projects Agency-Energy.

Thomas Colacot, R&D global manager in the homogeneous catalysis group at Johnson Matthey, received the Royal Society of Chemistry applied catalysis award for exceptional contributions in the field of metal-catalyzed synthetic organic chemistry.

DEATHS

Wayne E. Feely, retired research chemist, January 27, 2011 at 79. After serving in the US Army chemical corps he joined Rohm and Haas as a research chemist where he obtained over 20 patents, and retired after 36 years service. His hobby was collecting slide rules with special expertise on Fuller and Thacher cylindrical slide rules.

John G. Saviello, research scientist, April 18, 2011 at 41. He was employed by GlaxoSmithKline.

Darlene L. Brodie, chemist for the Food and Drug Administration, October 27, 2011. She served in FDA’s office of cosmetics and colors. Brodie worked in the field of HPLC and co-authored several technical papers.

David B. Coghlan, retired chemical engineer formerly with Foote Mineral, October 30, 2011 at 91. Following work at Allied Chemical and DuPont he joined Foote Mineral in 1949 and retired in 1994. As manager of development engineering he was involved with the design of lithium mining operations in the United States and Chile. In retirement he provided engineering consulting services to the West Whiteland planning commission. He had a lifelong interest in chorus singing beginning with the Yale Glee Club and later a number of Delaware Valley choral groups. He was also a dancer with the Royal Scottish Country Dance Society.

Charles H. Kroekel, retired research chemist, December 14, 2011 at 78. He worked briefly in analytical research for American Cyanamid and then served the US Army chemical corps in radiological safety. He joined Rohm and Haas and conducted research and development in plastics, in particular unsaturated polyester thermosetting resins in glass fiber reinforced composites. He also studied outdoor weathering effects on performance coatings, and retired in 1992.

John A. Myers, retired professor of chemical engineering, June 26, 2012 at 80. He joined the Villanova University faculty in 1963 where he taught engineering design courses and retired after 30 years. He was honored with the William F. Farrell award, presented to an engineering faculty
member for exemplary personal concern for students. He was also a part time consultant for DuPont. An avid hiker, Myers enjoyed walking to and from his office each day. He was active with the Boy Scouts and served as an assistant scoutmaster.

Blaine M. Sutton, retired research chemist, June 30th at 91. During WWII he was a lab chemist at Fort Dix. He joined Smith, Kline & French working on arthritis treatment, including the team that developed the use of oral administration of gold to halt progress of the disease. He and his wife enjoyed wine making and held an annual wine party where their creations were served.

Harry Kolb, retired chemist, June 30th at 94. Following work at the Naval Research Laboratory where he was involved with the invention of sonar, he joined DuPont and worked in their textile fibers division. In retirement he was involved with real estate.

Marjam G. Behar, retired research chemist and scientist, July 2nd at 86. Born in Poland, she received her education in Cuba. She worked briefly for Virginia Smelting and then a pharmaceutical company in Cuba. She then taught high school math, physics and chemistry. In 1955 her family moved to the US where she was hired by Garden State Tanning Corp. as an analytical and research chemist.

Behar worked briefly for Philco in transistors manufacturing and then joined the U of P School of Medicine in 1962 in the department of anesthesia where she worked as a research laboratory associate, instructor and later, director of the facility for analytical chemistry at the center for research in anesthesia. After 17 years at Penn she worked for 21 years at the National Institutes of Health’s Center for Scientific Review. She retired as a scientific review administrator in CSR’s biophysical and chemical sciences integrated review group.

Marjam Behar was a mentor for the ACS’s Project SEED and served as chair of the local SEED chapter. In 1997 she was honored with a special symposium on advances in bioanalytical and bioinorganic chemistry at the 213th ACS meeting. She received an EEO special achievement award for her work with Project SEED. Behar was a 53-year member of ACS.

Michael A. Lerner, educator and school administrator, July 14th at 72. He joined the Philadelphia school district in 1970 as a research assistant and then became an administrative assistant to the superintendent. Later he was named director of special education and a high school principal. He was appointed business agent of the Commonwealth Association of School Administrators and then served as president from 2005 to 2010 when he retired.

George Joseph, Sr., retired research chemist, July 20th at 85. He joined Atlas Powder Company in 1955 where he served as research chemist and then supervisor of the analytical section of the firm’s successor Astra Zeneca. He authored a number of technical papers and patents, particularly in the fields of polyols and emulsifiers.

Note: News Atoms seeks to report on people in the field of chemistry in the greater Philadelphia area. If you have news about new hires, significant promotions, honors and awards, and those who have recently passed away, send it by email to philcatalyst@aol.com or by mail to the Philadelphia Section ACS.
SEPTEMBER BOARD OF DIRECTORS MEETING

The Philadelphia Section, ACS, Board of Directors will meet at 4:00 PM on Thursday, September 20th in the Makineni Room of the Chemistry Building (Room 260 in the Cret wing), University of Pennsylvania.

Fifty-Year Members at the June Lunch
Front, left to right: Dr. Robert J. Statz, Dr. Michael J. Micklus, Dr. Murray Zanger; Rear: Dr. James G. Connery, Laura L. Zaika, Keiichi Tanabe.

June was Baby Month
This June we had two new additions to the board of directors – well, maybe that's a little premature – John (J.P.) Northrop, chair elect, is the father of Gage Ethan (left) and Doug Hausner, member of the board, is the father of Mason (right).
Show Philadelphia Students the Opportunities that Chemistry Provides!

We are putting the FUN back into middle school science in Philadelphia by bringing science and engineering experts into the classroom to mentor students on Science Fair projects, share expertise with afterschool clubs, and giving presentations on science, technology, engineering, or math (STEM) topics!

Come find out how you can get involved in this exciting volunteer opportunity with other like-minded science experts!

If interested in volunteering through iPRAXIS, please contact the Program Director, Meagan Hopkins-Doerr, at Meagan@ipraxis.org or 215-966-6253. We also have a volunteer form on our website at www.ipraxis.org.

More information can be found here:

The impact iPRAXIS is making:
https://www.dropbox.com/sh/8leo6ede8b8k3q5/IF9ZIB0ceh/iPRAXIS%20Report%202006-2012.pdf

Science Fair mentoring:
https://www.dropbox.com/s/5xqutevh7usrelh/general%20science%20finder%20flyer%20with%20school%20names%20-%20mentor.doc?m
THE AMERICAN CHEMICAL SOCIETY PHILADELPHIA SECTION

in association with

THE NEW JERSEY BIOPHARMA NETWORKING GROUP (NJBPNG)

is co-hosting a FALL NETWORKING EVENT

Tuesday, September 18, 2012
6:00 PM to 9:00 PM
Bowman’s Tavern
1600 River Road
New Hope, PA 18938

Come and network with your fellow ACS members as well as scientific, engineering and business personnel from the biopharma and life science industries in New Jersey as we continue this exciting series of networking events around the Greater Philadelphia and Central NJ areas! We’ve teamed up with NJBPNG to provide you with another great, informal and easy-going event, and you may be surprised at what you’ll discover and how you can help others, too. Please join us!

Free to all ACS members and NJBPNG members from all regions.

Bowman’s Tavern is located on River Road (PA Route 32) in beautiful New Hope, PA on the scenic banks of the Delaware River. It is readily accessible from I-95, I-295, I-276 (the Pennsylvania Turnpike), US 1, US 202 and US 206. Plenty of free parking is available at Bowman’s Tavern.

For more information and to register, please visit
http://njbpng-acsphilllynetworkingevent.eventbrite.com/

Philadelphia Section ACS Group on LinkedIn

As many members of ACS are already aware, the website LinkedIn (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
To join, please click on the following link:
http://www.linkedin.com/groups?mostPopular=&gid=3366988
Celebrate National Chemistry Week (NCW) 2012!
Theme: “Nanotechnology: The Smallest BIG Idea in Science!”
October 21-27, 2012

This year, we celebrate 25 years of National Chemistry with the topic of nanotechnology. Nanotechnology is all around us and has applications to the environment, energy, materials and health. Whether it’s the nanoscience used in environmental cleanup, to develop more efficient lighting, to make stronger, lighter, and durable materials, or to make nanomedicine that help us get well, chemistry and nanoscience improve our daily lives.

NCW Poetry Contest for Students in K-12 - see separate announcement for details

Publications for elementary school students

Celebrating Chemistry
http://www.kidsdiscoverdigital.com/kidsdiscover/chemistry#pg1

Publication for high school students
http://www.acs.org/chemmatters

The American Chemical Society has partnered with the (NISE Network™)

Nanoscience Informal Science Education Network

TEACHERS/PARENTS - Join the ACS-NSTA Web Seminar to find out about National Chemistry Week (NCW) resources for the High and Middle School Science.

Date: Wednesday, September 19, 2012

Time: 6:30-8:00 PM Eastern Time

This Web Seminar is free of charge but you have to register:
The Philadelphia Section of the American Chemical Society (ACS) is sponsoring an illustrated poem contest for students in Kindergarten - 12\textsuperscript{th} grade. **ALL ENTRIES MUST BE SUBMITTED TO THE LOCAL SECTION CONTACT LISTED BELOW and MUST INCLUDE AN ENTRY FORM (NCW Illustrated Poem Contest Entry Form).** ENTRIES SENT DIRECTLY TO ACS NATIONAL WILL BE DISQUALIFIED.

Contest Deadline: No Later Than October 18, 2012

Prizes: **$100 gift card per age category (K-2, 3-5, 6-8, 9-12)**

**Contact:** Judy Summers-Gates, FDA - US Customhouse, Rm. 900; 200 Chestnut Street Philadelphia, PA 19106

Phone: (215) 717-3008 Email: Judith.Summers-Gates@fda.hhs.gov

Winners of the **local** illustrated poem contest will advance to the ACS National Illustrated Poem Contest!

Write and illustrate a poem using the NCW theme, **“Nanotechnology: The Smallest BIG Idea in Science”**. Your poem must be **no more** than 40 words, and in the following styles to be considered:

- **HAIKU**
- **LIMERICK**
- **ODE**
- **ABC POEM**
- **FREE VERSE**
- **END RHYME**
- **BLANK VERSE**

Participants are encouraged to explore the nanoscience related to the environment, energy, materials and health. Possible topics include:

- Nano water filtration
- Solar cells
- Carbon nanotubes
- Nano medicine and drug delivery
- Any other relevant topics

Entries will be judged based upon:

- Relevance to and incorporation of the theme
- Word choice and imagery
- Colorful artwork
- Adherence to poem style
- Originality and creativity
- Overall presentation

**Contest Rules:**

- Poems must conform to a particular style. No poem may be longer than 40 words.
- The topic of the poem and the illustration must be related to the NCW 2012 theme, “Nanotechnology: The Smallest BIG Idea in Science”.
- All entries must be original works without aid from others.
- Each poem must be submitted and illustrated on an unlined sheet of paper (of any type) not larger than 11” x 14”. The illustration must be created by hand using crayons, watercolors, other types of paint, colored pencils or markers. The text of the poem should be easy to read and may be printed with a computer, before the hand-drawn illustration is added, or the poem may be written on lined paper which is cut out and pasted onto the unlined paper with the illustration.
- Only one entry per student will be accepted.
- All entries must include an entry form.
- All illustrated poems and/or digital representations of the poems become the property of the American Chemical Society.
- Acceptance of prizes constitutes consent to use winners’ names, likenesses and entries for editorial, advertising and publicity purposes.
The meeting was called to order at 4:15 by J.P. Northrop in place of R. Ewing who was running late.

April and March minutes accepted with two abstentions.

The Board was advised that John Tierney has resigned for personal reasons.

The Tierney resignation creates a vacancy in the position of Past-Chair. R. Ewing volunteered to assume the duties of Past-Chair. A motion was passed unanimously to vest the duties of Past-Chair with R. Ewing.

Committee Reports:

A. Career Services Workshop
J.P. Northrop reported that the program is currently providing evening as well as all day sessions.

Twenty-four people signed up for the last session but only eight showed up. This resulted in 16 unused lunches. The committee is considering charging a $10 sign up fee that will be refunded at the door to those who show up.

R. Ewing takes over the meeting from J.P. Northrop.

OFFICER'S REPORTS:

A. Chair
The 50-year Member Meeting will be held Thursday, June 21st beginning at 11:45 AM, at the Chemical Heritage Foundation. There will be a tour, introductions, lunch and the awards ceremony.

The Section’s activities at the August National Meeting were discussed. There will be a special edition of the Catalyst. ACS National wants “student runners.” Volunteers are needed for the hospitality booth.

B. Chair Elect
There will be a Networking Event on Tuesday, June 19, 2012, 6:00 PM to 8:00 PM, Houlihan’s, 601 W. German-town Pike, Plymouth Meeting, PA 19462.

C. No Secretary’s Report

D. Treasurer’s Report
Council affairs - no reimbursement yet from National for $6000.00.
Section investments are growing satisfactorily.

It was decided without vote to leave current monies in the Award Fund with a view to further deposits and growing the fund.

The Treasurer’s Report was accepted unanimously.

Other Business:

A. Merck Grant
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. Suggested uses included our Poster Session, the Science Festival, a National Meeting activity in August, and Chemistry Week. Formal suggestions will be taken at the June Meeting.

B. National Meeting the Catalyst
There will be an electronic National Meeting Edition of the Catalyst. It will contain a restaurant guide and notes on historical sights. Articles are wanted and the submission deadline is the end of June. Links to the August Catalyst will be provided for registrants and on the National Meeting Web site.

C. MARM
There will be no MARM next year. MARM Awards will be presented at our May Section Meeting.

D. PAGES™
K. Shaginaw reported that the PAGES™ programs in the aca-
The Catalyst
demic year 2012-2013 will be November 3 and March 23.

E. Philadelphia Science Carnival

Bill Smith reported on the Philadelphia Section booth at the Philadelphia Science Carnival on April 21, 2012. The Section performed “Shaving Cream Chemistry” with over 500 participants. The Carnival had over one hundred attractions. Additional information at http://www.philasciencefestival.org/carnival-listings.

Motion to adjourn passed at 5:52.

Respectfully submitted,
Alan R. Heldon, Secretary

CHEMICAL CONSULTANTS NETWORK

SEPTEMBER 12, 2012 Meeting
Visit our website at www.chemconsultants.org

Date & Time: Wednesday, September 12th, at the Cynwyd Club, Bala Cynwyd, PA; Networking, 5:30 PM; Dinner, 6:30 PM; Talk and Business Session, 7:30 PM.

Project Management for Consultants

Abstract: Our Speaker, Dr. James Samanen, will review the principles of project management for the consultant. He will discuss the following topics:

– what happens once a meaningful contact has been made with a potential client,
– how the work is defined,
– how it is conducted,
– how the success of the project is defined, and
– how the consultant can identify things learned from a project and carry them forward into future projects.

The hard (technical) skills vs soft (people) skills of project management will be considered.

Bio: James is a pharmaceutical consultant with a track record of 30+ years leadership and innovation in drug discovery project & portfolio management, and portfolio data analysis at GlaxoSmithKline. While at GSK James developed and implemented worldwide Portfolio Management for GlaxoSmithKline Discovery and Genetics Research businesses encompassing 2000 staff and $400M budget - involving negotiation and implementation of processes for selection and prioritization of research programs, developing IT systems, mirroring past to present performance with fit-for-purpose benchmarking analysis, modeling future performance, change management and team training. His work enabled an increase in productivity of drug-like leads in GSK by > 50% in 2 years by cross-functional team-working, prioritization and 40% portfolio downsizing. He also enabled strategy changes reducing cycle times by 50%. As a group leader in Medicinal Chemistry he discovered and championed lotrafiban (antithrombotic) to Phase III, and 2 preclinical candidate antithrombotics. He has been a project leader in diverse areas of drug discovery. He established James Samanen Consulting in December, 2008.

Location: The Cynwyd Club, 332 Trevor Lane, Bala Cynwyd, PA 19004.

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).
Join us on Tuesday, September 18, 2012, at 6 pm for an evening of networking at the Academy of Natural Sciences of Drexel University

Details and registration information will be available soon on the AWIS-PHL web site www.awisphl.org
**Finance 101 – Aligning Your Options with Your Business Goals**

**Thursday, September 6, 2012 | 2pm-3pm EST**

Raising money is the easy part. Anyone can raise ‘fool’s money’. Raising ‘smart money’, that’s the trick. Make sure you know the difference!

Speakers: Mark Vreeke, Manager/Chemical Angel Network and Michael Gruber, Founder Cornerstone Angels

*Mark Vreeke*

**Tips for Reporting Green Chemistry Achievements to the U.S. EPA’s Toxics Release Inventory**

**Thursday, September 13, 2012 | 2pm-3pm EST**

How to report your green chemistry practices to the Environmental Protection Agency’s Toxics Release Inventory (EPA TRI)? Chemical and pharmaceutical manufacturing facilities are required to file the amount of toxic chemicals released into the environment. ACS Webinars and Green Chemistry Institute bring you Daniel Teitelbaum, EPA, to share insights about reporting to the EPA TRI. Join live for your Q&A opportunity with the expert.

Speaker: Daniel Teitelbaum

**Tasty Culinary Chemistry**

**Thursday, September 20, 2012 | 2pm-3pm EST**

Learn how your knowledge of chemistry can enhance your cooking. Join Guy Crosby, back by popular demand – as he enthralls us with chemical reactions that occur during the preparation of food which determine how flavors develop. Guy will explore the chemical reactions behind three sources of flavors: those created by enzymes, the caramelization of sugars and the Maillard reaction in browning proteins. He will also explore how storage affects food flavor. Come and equip yourself with the knowledge that will make you a titan in the kitchen.

Speaker: Guy Crosby, America’s Test Kitchen

**Genes and Geniuses: How Humans Became “All Too Human”**

**Thursday, September 27, 2012 | 2pm-3pm EST**

Our DNA makes us who we are, but what made our DNA the way it is? Trace the history of our DNA with *New York Times* bestselling author Sam Kean as he highlights some of the subjects covered in his book, “The Violinist’s Thumb.” You will learn more about our DNA and its history than Mendel and his pea plants ever could have hoped for. There will also be some interesting facts about Einstein’s Brain to boot.

Speaker: Sam Kean, *New York Times* bestselling author of *The Violinist’s Thumb*

The Fine Print

ACS Webinars™ does not endorse any products or services. The views expressed in this presentation are those of the presenters and do not necessarily reflect the views or policies of the American Chemical Society.
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
- http://membership.acs.org/p/philadelphia/jobs/

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**DIRECTORY OF SERVICES**

Being a part of one of our teams can help you develop organizational and meeting skills as well as help you to network with people from the largest area companies. Public Relations, such as sending out meeting notices and press releases, can help you to develop a network and help you get noticed!

All committees are looking for new members and several are looking for “take charge” chairs. Some, like the Teller’s Committee, involve minimal work—one night per year and pizza provided. Others, like positions on Communications or Social Committees, involve one or two hours per month.

Committee details can be found at: http://www.membership.acs.org/p/philadelphia

or by calling Mrs. Libby Harper at the Philadelphia Section Office (215) 382-1589.

**ADVERTISING INDEX**

- ACS 184, 187
- Huffman Laboratories 187
- Mass-Vac, Inc. 179
- Micron Inc. 187
- NuMega Resonance Labs, Inc. 187
- Robertson Microlit Labs 187
- Vacuubrand 175

Advertising: Vince Gale, MBO Services, P.O. Box 1150, Marshfield, MA 02050; phone: (781) 837-0424

email: vincegale@mboservices.net
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunday, September 9</td>
<td>Greenfest Philly Environmental Festival</td>
<td>Headhouse Square Philadelphia, PA <a href="http://greenfestphilly.org/">http://greenfestphilly.org/</a></td>
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<tr>
<td>Wednesday, Sept. 12</td>
<td>Chemical Consultants Network: James Samanen: Project Management for Consultants</td>
<td>Cynwyd Club Bala Cynwyd, PA <a href="http://www.chemconsultants.org">www.chemconsultants.org</a></td>
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<tr>
<td>Thursday, Sept. 13</td>
<td>Innovation Day: Society of the Chemical Industry will present the Gordon E. Moore Medal to Dean Rende, Senior Manager, Honeywell UOP</td>
<td>Chemical Heritage Foundation Philadelphia, PA <a href="http://www.chemheritage.org">www.chemheritage.org</a></td>
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<tr>
<td>Tuesday, Sept. 18</td>
<td>Chromatography Forum of the Delaware Valley: Andre Striegel, NIST: Advances in Size Exclusion Chromatography</td>
<td>D'Ignazio’s Towne House Media, PA <a href="http://www.cfdv.org/">http://www.cfdv.org/</a></td>
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<tr>
<td>Tuesday, Sept. 18</td>
<td>Association for Women in Science: Networking Event</td>
<td>Academy of Natural Sciences at Drexel University Philadelphia, PA <a href="http://www.awisphl.org">www.awisphl.org</a></td>
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<tr>
<td>Thursday, Sept. 20</td>
<td>Board of Directors Meeting</td>
<td>University of Pennsylvania Philadelphia, PA</td>
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<tr>
<td>Thursday, Oct. 18</td>
<td>Philadelphia Section Award: Marisa Kozlowski, University of Pennsylvania</td>
<td>University of Pennsylvania Philadelphia, PA</td>
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<td>Saturday, Nov. 3</td>
<td>PAGES™: Philadelphia Area Girls Enjoying Science Program for Sixth Grade Girls</td>
<td>Chestnut Hill College Philadelphia, PA <a href="http://www.pagesprogram.org/">http://www.pagesprogram.org/</a></td>
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<tr>
<td>Friday, November 9</td>
<td>Delaware Valley Society for Radiation Safety (Health Physics Society): Symposium celebrating Marie Curie, Radium and Women in Science</td>
<td>Mutter Museum, College of Physicians Philadelphia, PA</td>
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<tr>
<td>Thursday, Nov. 15</td>
<td>Ulliyot Lecture: Paul Anastas, Director of the Center for Green Chemistry and Green Engineering, Yale University</td>
<td>Chemical Heritage Foundation Philadelphia, PA <a href="http://www.chemheritage.org">www.chemheritage.org</a></td>
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<tr>
<td>Saturday, Dec. 8</td>
<td>Herb Bassow Memorial Chemistry Demonstrations and Hands-on Activities for All Ages</td>
<td>TBA</td>
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