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ADVANCE NOTICE

MAY MEETING

Thursday, May 17, 2012
Teaching Awards
Location TBA

See the MAY issue of the Catalyst for details, call the Section Office at (215) 382-1589 or email PhilaACS@aol.com.
MAY 8-9 2012 | PENNSYLVANIA | CONVENTION CENTER | PHILADELPHIA, USA

Delivering the right formula

Chemspec USA, the most significant new event in the global fine, custom and specialty chemicals arena opens its doors in Philadelphia on May 8, make sure you secure your place by registering today:

VISIT WWW.CHEMSPECAMERICA.COM AND REGISTER ONLINE NOW FOR FREE, FAST-TRACK SHOW ENTRY

2 Days of World Class Conference Content

Tuesday May 8:
Exhibition, Pharma Outsourcing Panel & Scientific Update Workshops

Dr. Magid Abou Gharbia, Former C&EN Editorial Advisory Board Member, Former Senior VP at Wyeth, now Associate Dean for Research, Professor and Director, Moulder Center for Drug Discovery Research, School of Pharmacy, Temple University

Dr. William Murray, Head of Chemistry, Cardiovascular & Metabolic Research, Janssen Pharmaceutical Companies of Johnson & Johnson

Dr. John Ellingboe, Senior Vice President of Discovery & Medicinal Chemistry, GVK Bio

Dr. Tom Sowin, Senior External Chemistry Manager, Abbott Global External Research

Pre-Reception session featuring:

Jay Vroom, President & CEO, CropLife America

Wednesday May 9:
Exhibition, Agrichemicals Panel & Scientific Update Workshops

Dr. Pat Confallone, Current ACS Board Member, VP, Global R&D, DuPont Crop Protection

Dr. Scott Hutchins, Leader AgChem R&D & Global Crop Protection Function R&D, Dow AgroSciences LLC

George Poe, Global Supply Chain Leader, DuPont Crop Protection

Dr. Mike Tomasik, Technology Manager, North American Formulations Manufacturing, BASF

Reasons to visit

- Philadelphia is easily accessible by road and rail from the Middle Atlantic region enabling many who do not usually have the time or budget to travel to more distant venues, the opportunity to visit Chemspec USA within a day
- Network with international suppliers of API’s, organic chemicals and other fine & specialty chemical suppliers
- Meet the experts from the Penn Merck High Throughput Experimentation Laboratory featuring Parallel Microscale Reaction Screening
- The opportunity to connect with CMO’s and CRO’s from across the globe
- Philadelphia is home to world class universities, pharma, bio and other chemical institutions
- Visit the Chemical Heritage Foundation while in Philadelphia
- Additional conference content will be offered from Scientific Update and Ropella Group

Sample of Participants

- AMPAC Fine Chemicals • Lonza • Sunlimoto • TCI America • Optima • Isocem • Novasep • Kingchem • Porton Americas • Ubibchem Pharma • UK Pavilion • European Pavilion • Halocarbon • The Chemical Co • Ortec • Perry Videx • Syrgeis • VanDemark • PHT Int • Pressure Chemical Co • CRI • Pennsylvania Bio • The Dow Chemical Company • Chemtura and many more

Agenda

Monday May 7 – Wednesday May 9

Monday May 7: 10.45 Start
2nd Scholarship Golf Outing at Manufacturers’ Golf & CC in Fort Washington

Tuesday May 8:
9.00am - 5.30pm
Exhibition, Pharma Outsourcing Panel

Wednesday May 9:
9.00am - 5.30pm
Exhibition, Crop Science Panel

More Information

USA
Benjamin W. Jones Global Consultant jonescentury@verizon.net | Tel: +1 610 225 2396

Europe/Asia Pacific
John Lane Sales Director Chemspec Events johnlane@quartzltd.co.uk | Tel: +44 (0) 1737 855 076

www.chemspecamerica.com
Summer in February…such was the evening of the poster session at Temple, a mild 60°F evening. The February poster session was a huge success and a lively event! I was pleased to see how many people used this as an opportunity to network and to meet new colleagues in science. Under Kristin Lammers’s (YCC Chair) leadership, participation was at an all-time high with 97 posters presented representing 21 Universities and 7 High Schools. Because of the high level of participation, the awards pool was expanded. This year 10 graduate, 7 undergraduate and 3 high school posters were recognized with awards. Thanks for the generous contributions of Sharon Haynie and Tony Addison towards the awards pool. Thanks to all the judges for committing their time to this event!

This year marked the 79th Edgar Fahs Smith lectureship which was held after the March 15th board meeting. The 2012 lecturer, Professor William Miller (UC Berkeley) gave an exceptional lecture on his research about the description of chemical reactions and rates using quantum chemistry and semi-classical methods to a full house at the Lynch lecture hall/University of Pennsylvania. Please see the March column for more information about the history of Edgar Fahs Smith.

The next Section meeting, April 19th, is recognition of the top chemistry students from the colleges and universities in the Philadelphia local Section. I first attended the Philadelphia Section’s undergraduate awards meeting as an award recipient in 1983. It certainly had significance for me as I was at that time making the commitment to pursue my graduate degree in chemistry and it was a great opportunity to meet fellow chemistry students and professors across the Philadelphia Section.

SPEAKER’S BIOGRAPHY

Dr. Thomas R. Tritton
President and CEO, Chemical Heritage Foundation

Great Discoverers in Chemistry

Biography: Thomas R. Tritton is President and CEO of the Chemical Heritage Foundation, an organization founded in Philadelphia in 1982 as a library, museum, and center for scholars.

Prior to CHF, Dr. Tritton served as the 12th president of Haverford College. His academic field is cancer chemotherapy and his work is represented in over 150 publications.

Before Haverford, he was a professor of Pharmacology for 12 years each at Yale University and the University of Vermont. At UVM he also served as Deputy Director of the Vermont Comprehensive Cancer Center, and as Vice Provost of the university.

Dr. Tritton currently serves on the Boards of the Fox Chase Cancer Center, Ohio Wesleyan University, and the Greater Philadelphia Life Sciences Congress. He is also a member of the Corporation of Haverford College.

In 2007, before assuming the CHF presidency, Tritton was at Harvard University, where he held the title of “President in Residence” at the Graduate School of Education. He worked with graduate students in higher education, wrote and taught about leadership and the college presidency, and also designed a new course on “Social Justice.”
APRIL MEETING

THE PHILADELPHIA SECTION, AMERICAN CHEMICAL SOCIETY

presents

Dr. Thomas R. Tritton
President and CEO, Chemical Heritage Foundation

*Great Discoverers in Chemistry*

and

Presentation of Scholastic Achievement Awards

Thursday, April 19, 2012

7:00 PM

McCall Meeting and Conference Center
201 North Lynn Boulevard
Highland Park, PA 19083

Dinner at 6:00 PM

Dinner cost $35.00; Students with reservations and ID: $18.00

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, April 12. Cancellations, if necessary, cannot be accepted after NOON on Tuesday, April 17. UNCANCELLED RESERVATIONS WILL BE BILLED.

DIRECTIONS: http://www.mccallgolf.com/page.asp?page=Directions

The Board of Directors will meet at 4:00 PM at the McCall Meeting and Conference Center.
WINNERS IN THE FEBRUARY POSTER SESSION

Graduate Student Awards

First Place: Joseph DePasquale, Drexel University
Tied for Second Place: Keyur P. Chitre, Rutgers University, Newark
Ryan Fealy, Bryn Mawr College
Honorable Mention: Tess Duffin, Villanova University
Natalie A. Dixon, Drexel University
Monte D. Holt, University of the Sciences
Justin M. Kaplan, Temple University
Inorganic Award Sponsored by Tony Addison: Sandeep Kondaveeti, Temple University
Organic Award Sponsored by Sharon Haynie: Shubhashis Chakrabarty, University of the Sciences
Organic Award sponsored by Sharon Haynie: Matthew Parker, University of Pittsburgh

Undergraduate Student Awards

First Place: Lyudmila Kravets, Eastern University
Second Place: Margaret Rauh, Villanova University
Third Place: Emily Amendola, Saint Joseph’s University
Honorable Mention: Uduak Udeoyo, Temple University
Michael Gallagher, Saint Joseph’s University
Ashley Truxal, Temple University
Inorganic Award Sponsored by Tony Addison: Violeta Nasto, Drexel University

High School Student Awards

First Place: Austin Hornberger, North Schuylkill High School, Ashland, PA
Second Place: James Brock, Conestoga High School
Third Place: Sam Allon, Conestoga High School

AUGUST NATIONAL MEETING

As many of you already know, the Fall National Meeting of the ACS will be held in Philadelphia this August 19-23. The Section will need volunteers to help out with this event, particularly to staff the hospitality booth. Please send an email to PhilaACS@aol.com or call the Section Office at (215) 382-1589 if you would like to participate.
BOOK REVIEW—Alan Warren


This book focuses on the treatment of the chemistry of hydrocarbons towards electrophiles by examining the chemistry involved in hydrocarbon transformations, the reaction chemistry of carboranes and mixed hydrides. Despite carbon’s tetravalency, it can still bond simultaneously to five or more other atoms. These are hypercoordinated atoms or hypercarbon atoms, and constitute a significant feature of organometallic, carborane, and carbide chemistry.

The first chapter defines terms as they are used, like coordination number, valence, and “coordinatively unsaturated.” A chapter on carbon-bridged metal alkyls discusses metal-carbon bonding in organoaluminum, organolithium, organocopper (silver, gold) compounds as well as other electropositive metals. Ensuing chapters discuss carboranes and metallacarboranes, mixed metal-carbon clusters and metal carbides, hypercoordinate carbocations and their borane analogs, and reactions involving hypercarbon intermediates or transition states in organic and organometallic reactions.

The book updates and expands the original 1987 edition. Hypercarbon compounds are an integral part of carbon chemistry and hydrocarbon chemistry, particularly the chemistry of methanes, alkanes, and carbon dioxide to produce essential fuels and feedstocks.
Alfred P. Sloan 2012 research fellowships in chemistry were awarded to E. James Petersson and Joseph Subotnik of the University of Pennsylvania.

Brooks Instruments won three Golden Gas awards from the Gases and Instrumentation International magazine. The categories for these honors were vacuum technology, gas flow measurement and control, and software. Brooks Instruments provides equipment and methodology for advanced flow, pressure, vacuum, and level solutions. The awards were presented at Pittcon 2012.

DEATHS

Laird G. L. Ward, former affiliate of the Philadelphia Section, December 19, 2011 at 80. He worked for Johnson Matthey and was a research manager at Colonial Metals. He was a colleague of Alan G. MacDiarmid and also a former member of the Chemical Consultants Network.

Janice Elaine (Kardogan) Williams, retired medicinal chemist, December 19th at 67. She joined Smith Kline & French as a medicinal chemist in 1971 and held a number of positions including Patent Counsel – Agreements. She served on the board of the American Intellectual Property Law Association. Williams retired from Glaxo Smith Kline in 2002 as vice president for patents. In retirement, she worked with therapy dogs and served on the board of the Philadelphia Dog Training Club.

Philip C. Burnham, Jr., retired chemist, December 26th at 97. He joined Bodman Chemicals in 1938 and then served as a company commander in World War II. He was seriously injured in the Battle of the Bulge and lost a leg. On discharge, he rejoined Bodman in chemical sales and rose to head the firm, retiring in 1975. He was involved with the Boy Scouts of America even in retirement and was a lifelong amateur radio ham.

William C. Gannon, retired analytical chemist, January 1st at 80. He joined Kawecki Chemical Company in 1955 and served in various capacities, including analytical chemist, supervisor, manager of methods development, senior chemist, quality assurance engineer, and radiation safety officer. The firm changed hands and names over the years and was known as Cabot Performance Materials when he retired in 1996 with 41 years of service. He was an ACS member for more than 50 years.

John M. French, retired chemical engineer, January 5th at 91. He was active in community affairs as a volunteer for the Lions Club for over 60 years, and also served on local planning and zoning boards.

Gerhard Maerker, retired chemist, January 5th at 88. He joined the industrial waste development section of Allied Chemical in 1952. In 1958, he became a research chemist at the USDA Eastern Regional Research Center where he worked in the animal fat laboratory for 22 years, holding positions of head of lubricant investigations and chief of the laboratory. He was named lead scientist in the food safety laboratory in 1980 and retired from USDA in 1992.

In addition to authoring many papers, patents, and book chapters, he was past president of the American Oil Chemists Society. In retirement, he supported the Retired Senior Volunteer Program in Montgomery County. Maerker was an ACS member for 50+ years.

James F. Doherty, retired chemist, January 7th at 58. He worked for American Cyanamid Corp. and in 1981 joined Penn Colors, Inc. where he was technical manager, helping to develop new products. He also traveled extensively on business to Europe and China. For many years he was a lector and volunteer with his church.

Coleman Nadler, a 50-year member of ACS, January 12th at 84. No further details were available.
Robert G. Sutton, retired textile and color chemist, January 13th at 83. He worked for Scott Paper and several other firms in New York, Los Angeles, and Chicago. He helped found the former Norwood Industries and was credited with a number of patents in textile coatings.

John B. Lord, retired chemical engineer, February 3rd at 89. During WW II he was a radio operator on B-24 bombers. In 1944 his plane was shot down over Germany and he became a prisoner of war for several months. He spent his career as a plant manager and then senior consultant with Betz Laboratories. Lord was an active military historian and participated in the Veterans History Project.

Wayne L. Worrell, materials scientist, February 18th at 74. He joined the University of Pennsylvania where he became full professor in the department of materials science and engineering and applied science. He served as associate dean of graduate education and research from 1986 to 1992. He was noted for his national and international service as a visiting scholar in England, Japan, and Italy, and was a fellow of the Max Planck Institute for Solid State Research. He served on committees of the National Research Council for high temperature science and the chemical sciences.

Worrell was elected a fellow of the Electrochemical Society, the American Ceramic Society, and ASM International. He served as president and board chairman of the Electrochemical Society, and vice president of the International Society of Solid State Ionics. His major research interests have focused on electrical and electrochemical properties of novel materials and their use in sensors, fuel cells, catalysis and protective coatings.

At Penn he established an internationally known research group in high temperature solid state chemistry and mentored more than 40 graduate students as well as post-doctoral fellows and visiting professors. His many honors include the outstanding achievement award of the high temperature materials division of the Electrochemical Society, the Carl Wagner Memorial award, the solid state science and technology award, the Acheson award, and the Electrometallurgical Institute’s outstanding achievement award of the Electrochemical Society. Worrell served as the society’s representative to the board of trustees of the Chemical Heritage Foundation.

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.
The Philadelphia Section of the ACS has taken to the social media airwaves

Follow us on Twitter
@PhilaACS

@PhilaACS

Following or directly contacting the Philadelphia Section through Twitter and other social media outlets allows you to stay up to date on upcoming news and events relevant to chemists in the Philadelphia region. Join the next generation of communication!
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 sessions, including workshops, etc., which 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.

One Day Membrane Protein Symposium
University of Delaware
Monday, May 14, 2012

The symposium will bring together people from a diverse range of interests and techniques, who all share an interest in exploring the functions of membranes and their components. We expect about 200 participants and cordially invite you and your group members to a day of exciting lectures and discussions. For the detailed program please visit the symposium’s web site: http://www.che.udel.edu/cobre/symposium.html.

Registration is free, but please complete the on-line registration form at: http://www.che.udel.edu/cobre/registration_open.html, so we can plan for your attendance. For information regarding travel and accommodations, please visit the symposium website. The Delaware Membrane Protein Symposium is supported by NIH-COBRE program on Membrane Protein Production and Characterization.

In addition to the invited lectures by renowned experts in membrane biophysics and biology, the symposium includes poster presentations by students and postdocs. We believe this format will promote stimulating discussions and exchange of ideas. We hope you can join us at the University of Delaware.
Seeking Help

We are seeking help from the membership of the Philadelphia Section of the ACS. In most cases, this would only require indicating an appropriate contact person. The Philadelphia Section of the American Chemical Society has developed a web site that will post summer positions available in a laboratory setting for undergraduate students majoring in chemistry or related areas.

We are seeking companies, governmental agencies and non-profit institutions that have summer positions available for the aforementioned group of undergraduates. These positions can be in either a research or a non-research laboratory environment. We would like to post the information about these positions on the Philadelphia Section of the American Chemical Society’s website: http://philadelphia.sites.acs.org/internshipquestionnaire.htm. There is no cost to post a position, and there is no obligation to continue this position from one year to the next. You may removed it at any time. The organizational contact for applicants may be an individual or referral to the company web site.

If you hire undergraduates in chemistry or related areas to work in a laboratory setting, we urge you to go to our website and complete the questionnaire. Or, if you know of the person in your organization that oversees such an undergraduate program, either urge them to post the position(s) on our website or email me (see below) with their contact information. If you have any questions, please contact: Sheldon L. Miller, PhD: email- millers@chc.edu or call at (215) 248-7175.

Interested in Working for ACS?

We’re drawing up the slate of candidates for the fall 2012 election. Specifically, there are openings for chair-elect, treasurer, directors and councilors. The chair-elect has several responsibilities, including chairing the Section awards and program committees during the first year of the term and running the Section during the second year. The treasurer is mainly responsible for paying the bills and keeping those records. Directors form the governance of the local Section and meet monthly September-June. Councilors represent the Section at ACS national meetings.

If you would like to run, please get in touch with John Tierney (jxt4@psu.edu) or Libby Harper (PhilaACS@aol.com or 215-382-1589)

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
CHEMICAL CONSULTANTS NETWORK
APRIL 11, 2012 MEETING
REVISED MEETING NOTICE

Visit our website at www.chemconsultants.org

Date and Time: Wednesday, April 11th, at the Cynwyd Club, Bala Cynwyd, PA; Networking, 5:30 PM; Dinner, 6:30 PM; Talk and Business Session, 7:30 PM

Patent Law under the America Invents Act: A Practical Guide for Consultants

Abstract: In September 2011, President Obama signed into law the Leahy-Smith America Invents Act, implementation of which is gradually being rolled out over the next year. This Act is the biggest change to the U.S. patent system in about 60 years. These changes include the implementation of the first-to-file system, expands the opposition procedures, adds a micro-entity status, essentially prohibits patenting of tax strategies, reduces false marking lawsuits, eliminates attacks on patent validity based on lack of best mode disclosure, and changes many of the Patent Office practices. Every leader or professional in technologically driven industries such as chemical and pharmaceutical should be aware of these changes, because of their wide-reaching effects. A list of practical advice on how everyone can take advantage of these changes will be presented.

Bio: Peter D. Mlynek is a patent attorney with over 10 years of experience in various fields of patent law, specializing in patent work related to chemical, pharmaceutical and biotech industries. Peter’s work focuses on preparing and prosecuting patent applications in front of the US Patent Office; managing international patent prosecution; evaluating inventions from business, technology and legal viewpoints; advising clients on patenting strategies; drafting opinions with respect to patent validity, patent infringement, and freedom-to-operate; conducting due diligence on M&A targets; and drafting intellectual property licenses.

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.

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, April 5th, $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.
AMERICAN CHEMICAL SOCIETY PHILADELPHIA SECTION

THIRD CAREER WORKSHOP

Networking

Thursday, May 17, 2012
8:30 AM to 4:00 PM

La Salle University Montgomery County Center

4000 Chemical Road
Suite 110
Plymouth Meeting, PA 19462

This full day workshop will again be packed with great speakers from the region. If you have attended our previous workshops, you remember our dynamic and diverse speakers, so we're excited to present this new workshop just for you! This third workshop will focus on the concept of networking and why it has become so important in managing your career. Topics will include:

* A general overview of networking
* Networking for chemists
* Branding: What is it?
* Job clubs: How they work

Lunch will be provided.

This is a free event, but registration is required so that we have the correct seating and enough food for everyone. Please note: Registration for this workshop ends at midnight, May 10, 2012 -- please order your tickets early!

La Salle University's Montgomery County Center is located in Plymouth Meeting, Pennsylvania, and is conveniently located near I-476 (the "Blue Route" and the "Northeast Extension") and I-276 (the Pennsylvania Turnpike) as well as the Plymouth Meeting Mall and the Metroplex Shopping Center.

For more information and to register, please visit http://acsphillycareerworkshop3.eventbrite.com/
See the Sights of Philadelphia with YCC’s Fun Run!

Monday Morning
August 20, 2012

Don’t end up stuck inside the convention center for the whole conference! Come join us for some exercise, a tour of the city, and a great networking opportunity.

A professional guide will lead you on a 3.5 or 5 mile run through Philadelphia’s tree-lined Fairmount neighborhood as you pass the Rodin Museum, the future Barnes collection and the famed Philadelphia Museum of Art. Run to the top of the “Rocky steps” and get a spectacular view of the city. Catch a glimpse of rowers gliding down the Schuylkill River and enjoy one of Philadelphia’s most popular running trails. You’ll also have a chance to run through downtown Philadelphia’s most popular restaurant and shopping neighborhood.

Pick either 3 miles or 5 miles at the running pace that’s right for you: 12-14 min/mile or 9-11 min/mile.

Cost: $30, includes guided run, water, and souvenir bag.
**636th BOARD OF DIRECTORS’ MEETING**

**Thursday, January 19, 2012**

The Makineni Room, 236 Cret Building

Department of Chemistry, University of Pennsylvania

231 South 34th Street

Philadelphia, PA


Meeting was called to order by Chair R. Ewing at 4:00 PM.

Minutes of the December 2011 meeting were approved with amendments.

**COMMITTEE REPORTS:**

**Council Affairs:** J. Crawford was elected the 2012 Chair; A. DeMasi will provide documentation to J. Crawford.

A full slate of Councilors will attend the spring National meeting in San Diego, CA. The spring reimbursement should be higher because the fall meeting will be in Philadelphia, PA.

J. Crawford will schedule the Pre-Council meeting teleconference after the agenda is received.

**Finance, Budget and Audit:**

Received budget for next year. $34,180 left over from 2011; the excess is from *the Catalyst* advertising. Nothing has been withdrawn from Section capital funds for two years.

$26,000 projected to be available for next year ($5,000 from Merck).

$1,000 added for the Speakers Bureau (no transfer from capital funds).

$5,000 will be added to account #4120 for National meeting expenses, totaling $5,500.

$5,000 in budget for National meeting to be reimbursed by National for expenses incurred.

Actual expenditures: $5,500.

Spent $1,500 in 2008 on bobble head pins.

Goldenberg’s peanut chews, Bassett’s or Rita’s suggested for August give-aways.

$5,500 for publications.

The Younger Chemists Committee has applied for grants; keep their budget line at $3000.

It was asked if Merck will still support the Graduate School Forum. A. DeMasi will check with participating schools to see if they still consider it worthwhile. Most recent event had 22 schools and about 70 students. The cost is about $700 which will be in account #2105.

The red accounts will be ware-housed. The budget was approved as amended.

**Tellers:** Alternate councilors for 2012: R. Phifer and R. Levis to replace G. Arbuckle-Keil and E. Davis following their election to councilor.

**Younger Chemists: (report attached):** $3,000 for younger chemists committee. (budget)

Earmarked money in budget to cover grants.

Younger Chemists Committee, poster committee, 12 judges are needed. A. DeMasi, J. Crawford, J.P. Northrop, R. Ewing, J. Tierney and S. Fleming volunteered. Others suggested: K. Kistler, B. Giuliano and K. Shaginaw. The deadline for abstracts is February 9th, but it may be pushed back a week.

Advertising has to go to all Graduate Advisors.

There are many companies to ask for cash awards. Plan on giving cash awards ($500 total amount). Dow contributed $500 in 2011.

Trying to increase number of people in Younger Chemists Committee. They are alternating city vs suburbs happy hours. (Happy Hour at Iron Hill Brewery in North Wales on January 26th).

January 31, 2012 is the next deadline for Innovative Project Grant applications: $3,000 twice a year. The YCC is applying for support for a career symposium for those under age 35 at the August National meeting. J. Martino (Career Services) will help support if necessary.
OFFICER’S REPORTS:

Chair R. Ewing: ACS National meeting teleconference with Washington, DC ACS people (Renee Johnson). A committee has been started with E. Davis, D. Hausner, K. Shaginaw and J. Tierney. Should we advertise for volunteers in the Catalyst? R. Ewing will send an email with committee responsibilities and coordinate with the Communications (former Publications) Committee.

Include in the Catalyst for ACS National: Tony Addison usually prepares a Restaurant Guide.

Meeting at Temple on February 23rd (the fourth Thursday).

National pilot program for new members: there are about 70 every month. Starting a Welcoming Committee: should we break down the list demographically? Use the YCC for grad students? Add K. Lammers to the committee.

The Philadelphia Science Festival: L. Harper will sign us up for the Science Carnival. In 2011 the YCC, D. Hausner, J. Tierney and B. Smith participated. Add PAGES™ to the list of events. We can also be a sponsor.

Michael Chapenelli, chair of ChemPharma Philadelphia Chapter, has an event planned with Speaker Merv Turner, former Merck chief strategy officer, possibly in February or March.

They would like to have us join them. J. Martino is going to a meeting January 20th. We’d like to advertise it in the Catalyst.

We would need a date for a separate event from Section meetings.

Chair-Elect Northrop:
Overview: I should be available for the meeting via teleconference, but if not, here is a written report of what I would like to present at the meeting.

Career Services Committee: After consulting with the chair, I am transferring the position of chair of the Career Services Committee over to J. Martino. He has put together a small group of people who will help him and I have offered my assistance for anything that might come up.

He has already started to work on the 3rd Career Workshop as well as another networking event in the Philadelphia region.

Online Social/Business Groups: We have over 200 members on the LinkedIn ACS – Philadelphia Section Group online. We post Board of Directors meetings, speakers, and other events for the membership. Since this could easily fall under “Communications,” I would like to hand over the group administration to the Communications Committee. We can also add Facebook and Twitter. D. Hausner has a Twitter handle started through the Public Relations Committee – J.P. Northrop and D. Hausner will discuss.

Local Section Grants: The Section has been made aware of grant money available to local sections under the “Innovative Project Grant” program. We have the opportunity to submit for a grant for between $1,000 and $3,000 for an innovative proposal. I think the discussion needs to be moved to the entire Board for consideration.

There are three options that are currently under consideration.

Upgrading Meetings: With a grant, we would be able to start having our board meetings done via video conferencing. This would not only allow people to visually interact with each other, but it would also allow us to change venues without the need for juggling speakerphones, etc.

With video capabilities, we would also be able to record the technical meetings and make them available for download (podcast?) to our membership.

Younger Chemists Committee: This group has been underfunded historically. The YCC could get valuable funds to promote chemistry at the undergraduate and graduate levels.

Career Services Committee: Although funded this year in the budget, additional funding for the CSC would allow them to bring additional resources to our membership through cross collaboration events with Chem-Pharma and AIChE.

PAGES™: Again, a group that has been underfunded and could easily impact the Section’s ability to influence the next generation of female chemists.

Discussion followed. Services to members take priority with career services preferred.
Perhaps we could use a webinar format for board meetings. We may only receive one innovative project grant per year. If the YCC application is denied, then Career Services can apply before the June deadline.

**Awards Committee:** J. Tierney has acceptances for vacancies from two people and emails out to two others. He can do the education slot himself. E. Harper will send out the slate for approval when received from J. Tierney. The awards notices are on the website. B. Smith will network for high school nominations.

**Secretary (D.J. Wolf):** Nothing to report.

**Treasurer (D. Cichowicz):** $34,949 to 2012 (Investments all gain value; the awards fund not used.) Motion to accept treasurer’s report passed unanimously.

**OTHER BUSINESS:**

**Bylaws:** D. Cichowicz will review J. Tierney’s draft of the final version and present it at the February meeting.

**Career Services Committee:** There will be a Leap Day (February 29th) networking event at Iron Hill Brewery in North Wales. Eleven people are already signed up.

They are aiming at four networking events and two workshops per year. Paul Fishbein, PhD to help with workshops. They will also work with ChemPharma and AIChE (also Institute of Food Technologists?).

Possible Networking event while ACS Convention is in town.

Will set up a Gmail account.

**Martin Luther King Day of Service:** J. Tierney, A. Eyring and J.P. Northrop presented a program of science demonstrations and hands-on activities at the Penrose Elementary School at the request of Americorps teachers there.

Meeting adjourned at 5:40 PM.

Respectfully submitted, David Jay Wolf, Secretary
Thursday, April 5, 2012 | 2pm-3pm EST
Jobs in Startups – Differences and Similarities to “Real” Companies

Risks and rewards; learn what it takes to be part of the startup culture! Join our speakers in a discussion about the benefits and challenges of working in a startup.

Speakers:

Heidi Friedman
Boston Heart Diagnostics

Chris Palatucci
Palatucci Executive Search, LLC

Thursday, April 12, 2012 | 2pm-3pm EST
DoE Quantum to the Continuum: Opportunities for Mesoscale Science

What is mesoscale science and how can you benefit from it? Mesoscale science is where the quantum and the classical regimes meet. The Department of Energy Basic Energy Sciences Advisory Committee (BESAC) is assessing the opportunities and directions for mesoscale materials and chemistry. The resulting report will outline the most promising research opportunities in mesoscale science, spanning synthesis, characterization and simulation of mesoscale materials, phenomena and functionality. Join our speakers in this Town Hall discussion to contribute your ideas on promising meso research directions?

Speakers:

Douglas Tobias
UC, Irvine

John Hemminger
BESAC

John Sarrao
BESAC
Thursday, April 19, 2012 | 2pm-3pm EST
The Chemistry Magic Behind Popcorn

Popcorn has gained great popularity in recent years. It’s the snack of choice for dieters and now conveniently popped in the microwave and available at home and work. How has chemistry aided in making popcorn one of America’s favorite treats!

Speaker: Sara Risch, Popz Microwave Popcorn

Thursday April 26, 2012 | 2pm-3pm EST
The Madness of King George

British Monarch, King George, III, is remembered in history not for how he ruled Europe, but more for how he publicly suffered and managed a recurrent, permanent mental illness. What was this mysterious disease and what can we learn from early medical practitioners who used clues provided by his body to treat his condition.

Speaker: Martin Warren, University of Kent, UK

SNEAK PREVIEW INTO MAY

Thursday May 24, 2012 | 2pm-3pm EST
Creating Successful Research Proposals: Tips from the Trenches

Second to research, writing proposals is the scientists’ life’s blood. Yet, many scientists are not trained in the art of grant writing and what various agencies and program look for. It is time to improve your odds – you too can create standout proposals. Communicate your ideas more clearly and effectively and win that major grant! Join our speaker, Celia Elliott from, for expert guidance and practical tips to creating successful research proposals.

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

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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.

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# PHILADELPHIA SECTION, ACS
## 2012 CALENDAR OF EVENTS

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<tr>
<th>Date</th>
<th>Event</th>
<th>Locations</th>
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</thead>
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<tr>
<td>Monday, April 9</td>
<td>Delaware Valley Mass Spectrometry Discussion Group: Dr. Tianlan Zhang, Dow Spring House: <strong>Polymer Analysis</strong></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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<tr>
<td>Wednesday, April 11</td>
<td>Chromatography Forum of the Delaware Valley (CFDV): Two One-day Short Courses: <strong>HPLC Troubleshooting and Supercritical Fluid Chromatography</strong></td>
<td>Holiday Inn Fort Washington, PA [<a href="http://www.CFDV.org">http://www.CFDV.org</a>]</td>
</tr>
<tr>
<td>Thursday, April 12</td>
<td>Chromatography Forum of the Delaware Valley: <strong>Spring Symposium</strong></td>
<td>Holiday Inn Fort Washington, PA [<a href="http://www.CFDV.org">http://www.CFDV.org</a>]</td>
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<tr>
<td>Thursday, April 12</td>
<td>Heritage Day</td>
<td>Chemical Heritage Foundation Philadelphia, PA [<a href="http://www.chemheritage.org">http://www.chemheritage.org</a>]</td>
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<tr>
<td>Thursday, April 19</td>
<td><strong>Undergraduate Awards and Thomas Tritton, Chemical Heritage Foundation: Great Discoverers in Chemistry</strong></td>
<td>McCall Meeting and Conference Center Upper Darby, PA</td>
</tr>
<tr>
<td>Thursday, April 19</td>
<td>Philadelphia Organic Chemists Club: Karl A. Scheidt, Northwestern University: <strong>New Discoveries with Carbene Catalysis: Beyond the Benzoin and Stetter Reactions</strong></td>
<td>The University of Pennsylvania Philadelphia, PA [<a href="http://www.pocclub.org/">http://www.pocclub.org/</a>]</td>
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<td>April 20-29</td>
<td>Philadelphia Science Festival</td>
<td>[<a href="http://www.philasciencefestival.org/">http://www.philasciencefestival.org/</a>]</td>
</tr>
<tr>
<td>Saturday, April 21</td>
<td>PAGES™ Program (Philadelphia Area Girls Enjoying Science) for Sixth Grade Girls</td>
<td>Chestnut Hill College Philadelphia, PA [<a href="http://www.pagesprogram.org/">http://www.pagesprogram.org/</a>]</td>
</tr>
<tr>
<td>Saturday, April 28</td>
<td>Philadelphia Science Carnival: Science on the Parkway</td>
<td>[<a href="http://www.philasciencefestival.org/">http://www.philasciencefestival.org/</a>]</td>
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<tr>
<td>Thursday, May 17</td>
<td><strong>Teaching Awards</strong></td>
<td>TBA</td>
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<tr>
<td>Thursday, May 17</td>
<td>Third Career Workshop</td>
<td>La Salle University, Montgomery County Center Plymouth Meeting, PA [<a href="http://acshelflyworkshop3.eventbrite.com">http://acshelflyworkshop3.eventbrite.com</a>]</td>
</tr>
<tr>
<td>Thursday, June 21</td>
<td>Fifty-Year Luncheon</td>
<td>TBA</td>
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