

the Catalyst



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SEPTEMBER MEETING
Dr. Robert J. Levis
Temple University

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ADVANCE NOTICE

OCTOBER MEETING

Thursday, October 17, 2013

Philadelphia Section Award
Dr. Ahmed F. Abdel-Magid
Temple University

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

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*From
The
Chair*



J.P. Northrop

Although the weather didn't feel like it, the summer has pretty much come and gone. That means that as we all return from vacations, it's time to get back to work here at the ACS Philadelphia Section as well. The summer break is over.....

The biggest thing on our agenda is to get a revised version of the By-laws completed, approved by the National Office and then into our membership's hands for a vote. This project has been over two years in the making and we are (hopefully) on the final stretch. They had not been updated since 1996 – needless to say, the world and our Section have changed quite a bit.

Once approved by our National Committee, we will notify all Section members how to review the new Bylaws before voting begins. This may take some time, but I believe the majority of the hard work is already done.

As an aside, I need to thank not only Drs. John Tierney and Rick Ewing, but the entire Executive Committee and the Board of Directors for their reviews, revisions, recommendations, and, finally, approvals.

The technical talk and meeting this month will be at the beautiful Chestnut Hill College and will feature a wonderful talk by Dr. Robert J. Levis from Temple University. Professor Levis is a local expert on the chemistry of wine and will be giving us much useful information as it pertains to partaking of the grape-derived spirit. Needless to say, we will have samples (although not of the \$2,000 bottle that he references in the title of his talk) and a wonderful dinner, as well. I hope all who wish to attend, do so – for additional information, please see the announcement in this month's issue of *the Catalyst*.

I am happy to see a newly revitalized Younger Chemists Committee and I have to publically thank Dr. Christine McInnis for leading the charge in putting together a group of our younger chemists to create excitement as well as succession planning so that the Committee can continue to do great things for our younger members in the future.

One last thing, as the end of the year approaches, there are a couple things that the Board of Directors does to transition into the New Year. Not the least of which is generate a new slate for the elections coming in October. If you are interested, please contact the Section Office and voice your desire to be considered. We are always looking for members to run for the Executive Committee (Chair-Elect and Secretary this year), Board of Directors, as well as Councilors.

Philadelphia Section Election 2013

The fall election for Section officers and councilors will be coming soon. It will be electronic using your ACS email address. Therefore, **please make sure that your email address is up-to-date with ACS National.** Paper ballots will be available on request. Postcards will be sent to those members who do not have a valid ACS national email address with instructions for ordering a paper ballot.

SEPTEMBER MEETING

Thursday, September 19th

The Chemistry of Wine:

The Difference between a \$2 and \$2,000 Bottle of Wine

Dr. Robert J. Levis

Professor of Chemistry, Department of Chemistry and
Director, Center for Advanced Photonics Research
Temple University

7:00 PM

The East Room, St. Joseph's Hall
Chestnut Hill College, 9601 Germantown Avenue
Philadelphia, PA 19118

Dinner at 6:00 PM
St. Joseph's Hall

Dinner cost: \$18; Students with ID: \$9

RESERVATIONS should be made by calling Mrs. Libby Harper at the Section Office, (215) 382-1589, by **5:00 PM** on **Thursday, September 12th**. Cancellations, if necessary, cannot be accepted after **NOON** on **Tuesday, September 17th**. **UNCANCELLED RESERVATIONS WILL BE BILLED.**

DIRECTIONS: <http://www.chc.edu/directions/>

The Board of Directors will meet at 4:00 PM in Room 317, Martino Hall.

SPEAKER'S ABSTRACT AND BIOGRAPHY

Dr. Robert J. Levis
Professor of Chemistry and
Director, Center for Advanced Photonics Research
Temple University

Abstract: Wine has occupied a central role in human culture since the beginning of recorded history. In our exploration of the science of wine we will learn why wine was the beverage of choice through the ages, why a bottle of wine can range from \$2 to \$2,000, how wine is made, what makes for a good/bad wine, how white is different from red, and how to know what is in a bottle of wine. Aspects of the production, storage and consumption of wine will be addressed in this discussion.

Biography: Dr. Robert J. Levis is a professor and chair of the Department of Chemistry at Temple University, as well as director of Temple's Center for Advanced Photonics Research. He received his BA from La Salle University in 1984 and PhD from the Pennsylvania State University in 1988 under the tutelage of Nicholas Winograd and Greg Geoffroy. He then took a postdoctoral associate position with Stephen Leone at the Joint Institute for Laboratory Astrophysics at the University of Colorado, Boulder. He started his independent academic career at the Wayne State University in 1990 and served for 13 years before joining Temple.

Dr. Levis is a fellow of the American Physical Society and an Alfred P. Sloan Research Fellow. He received the Wayne State University Teaching Award in 2002 and the Camille Dreyfus Teacher-Scholar Award in 1995. He was also the recipient of an NSF Young Investigator Award and an NIH Research Career Development Award.

NEWS ATOMS—*Alan Warren*

Joining Gelest are **Greg Hertenberger** as product manager for silanes and metal-organic compounds, **Matthew Suits** as facilities manager, and **Sean Nichols** as purchasing manager. Additional changes at the firm include the promotion of **Adrien Salomon** to production manager, and **Greg Vuk** to logistics manager.

2013 recipients of the University of Pennsylvania's Penn Prize for excellence in teaching by graduate students include **Bruno Melillo** and **Megan Polteiger** in chemistry. Penn's professor of chemistry **Virgil Percec** was elected as a foreign member of the Royal Swedish Academy of Engineering Sciences.

Carsten Reinhardt was named president and CEO of the Chemical Heritage Foundation. He succeeds retiring president **Thomas R. Tritton**. Reinhardt has a distinguished career devoted to

the history of science and most recently was professor for the history of science at the University of Bielefeld in Germany. Prior to that he was a research fellow at the Max Planck Institute for the history of science, following his professorship in the history of science at the University of Regensburg.

DEATHS

Milton Elefant, January 2012, former chemist and lab manager, 50+ year member of ACS. No further details available.

Leonard P. Fox, September 7, 2012, at 83, 60+ year member of ACS. For many years he worked as a chemical engineer and head of process research at RCA.

William D. Melcher, November 28, 2012 at 83, 55-year member of ACS. No further details available.

William O. Hofmann, retired DuPont chemical engineer, December 4, 2012 at 92. He engaged in research on synthetic rubber at U.S. Rubber and Texaco before joining DuPont in 1948 where he was involved with marketing of nylon, Mylar, and Kapton. Following his retirement in 1985 he taught mathematics and physics at Delaware Technical Community College. He was an emeritus member of ACS.

James L. Kotch, March 2, 2013 at 88, 50-year member of ACS. No further details available.

James Godshalk, retired chemical engineer, May 3rd at 98. While working as an electrochemist at Leeds & Northrup during WWII, he was recruited by the Navy to work as a civilian engineer on harbor defense systems, and detectors for submarines, mines and torpedoes. Later he served as president of Fox Products and as president and owner of Ultra-Mold Corporation.

Edward Morton Simon, Jr., retired research chemist, May 19th at 93. During WWII he served in General Patton's Third Army, receiving the Purple Heart for injuries suffered on his first day of combat. Following recuperation he was sent to a German Prisoner of War camp as part of the military police escort guard. He joined American Viscose as a research chemist working on synthetic fibers and the use of rayon in tires. He then moved to Atlas Chemical (later ICI) working as a chemist and assistant marketing manager. He then transferred to the Atlas Aerospace division as senior sales representative and later as director of sales. He retired from ICI and became vice president of development at the Chester County Bank.

Guenter R. Ackermann, retired research chemist, May 25th at 89. He joined Atlantic Refining as a research chemist in 1956 and then moved to Rohm and Haas in 1962 where he was engaged in research at Bridesburg, Bristol, and Spring House. His areas of research included fibers, ion exchange resins, flocculants, and pollution control chemicals. He then transferred to

corporate headquarters as regulatory manager of the industrial chemicals business group, retiring in 1989. Ackermann was past chairman of the Philadelphia Section and a 61-year member of ACS.

Edward Korostoff, retired chemical engineer, June 13th at 92. He was employed first by the Tennessee Valley Authority in the production of phosphate fertilizer and the use of phosphorus in the US Navy's smoke bombs. He then worked for the National Defense Research Council and Leeds & Northrup. In 1955 he joined Remington-Rand Univac and helped develop special computer memory tapes. He joined the University of Pennsylvania to work on research projects while earning advanced degrees. When the Laboratory for Research on the Structure of Matter opened in 1963, he began research work in biomaterials. His focus was on the electrical and mechanical properties of human bone. By 1975 he held full professorships in three schools at Penn—Dental Medicine, Engineering and Medicine. He retired in 1987 but served as an engineering consultant in legal proceedings.

Robert P. Restrepo, retired chemical engineer, July 11th at 85. He joined Price Battery in 1958 and served as vice president until 1967 when it was purchased by General Battery Corporation. There he became senior vice president and retired in 1987. He continued as a consultant until 1990.

Marie A. DiBerardino, retired professor of biochemistry, July 14th at 87. She was emerita professor of biochemistry at Drexel University College of Medicine. She was a pioneer researcher in cloning and worked on cloning frog nuclei at the Institute for Cancer Research at Fox Chase. She received numerous awards and distinguished honors from the National Science Foundation, International Society of Developmental Biology, Chestnut Hill College, University of Oklahoma, and the National Institutes of Health among others. She served on various boards in academia, and the committee on science and the arts of the Franklin Institute.

Howard E. Prichard, retired chemist, July 20th at 90. During WWII he served with the pack mule section of the United States Army, where he was stationed in Alaska and Italy. He worked many years for Public Service Electric & Gas before joining DuPont's Repauno Chemical Company in 1972. In 1980 he moved to Metec Metal Powders, retiring in 1988. He was active in his church where he played saxophone in the church orchestra and served in the ministry to a detention home for juveniles.

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.

National Chemistry Week

2013 Illustrated Poem Contest:

“Energy: Now and Forever!”

The **Philadelphia** Section of the American Chemical Society (ACS) is sponsoring an illustrated poem contest for students in Kindergarten - 12th grade. ALL ENTRIES MUST BE SUBMITTED TO THE LOCAL SECTION CONTACT LISTED BELOW AND MUST INCLUDE AN ENTRY FORM. ENTRIES SENT DIRECTLY TO ACS NATIONAL WILL BE DISQUALIFIED. ELECTRONIC SUBMISSIONS PREFERRED.

Contest Deadline: **NO LATER THAN OCTOBER 28, 2013.**

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

Contact: **Judy Summers-Gates, FDA- U.S. Customhouse, Rm. 900;
200 Chestnut Street, Phila., 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, “**Energy: Now and Forever!**”. 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 topics related to:

- Sustainable energy
- Chemical change into energy
- Sources of power
- Any other relevant topics

Entries will be judged based upon:

- Relevance to and incorporation of the theme
- Adherence to poem style
- Word choice and imagery
- Originality and creativity
- Colorful artwork
- 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 2013 theme, “**Energy: Now and Forever!**”.
- 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.



CHEMICAL CONSULTANTS NETWORK

SEPTEMBER 11, 2013 MEETING

Visit our web page at www.chemconsultants.org

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

Topic: **MARKETING CHEMICAL, ENGINEERING AND PROFESSIONAL SERVICES TO CHINA**
JAMES CHAN, PhD

Abstract: Dr. Chan will speak on how consultants can market their specialized technical knowledge and experience in chemical sciences and chemical engineering to Chinese government organizations and corporations. His talk will include: (1) Who are the leaders of chemical sciences and chemical engineering in China; (2) How to reach these decision-makers; (3) What to say to your prospects; (4) How to price your services and get paid; and (5) How to build a trusting relationship and avoid common pitfalls. James Chan's goal is to help CCN members find ways to realize "money moments" in China, based on his 30-minute YouTube video with Rick Schilling: "[Money Moments: Recognizing Needs and Adding Value](#)".

Biography: James Chan, PhD, is founder and principal of Asia Marketing and Management (AMM), a Philadelphia-based consultancy specialized in helping US manufacturers, service organizations and technical professionals in marketing American products and technical services to China and Asia. He began his international marketing career 32 years ago as China Manager of Academy Press, Inc., a wholly-owned subsidiary of the Fortune 500 publishing company HBJ. He founded his consulting practice in 1983 and he has advised more than 100 US firms and technical executives in finding agents and managing their export business. Dr. Chan is the author of the book, *Spare Room Tycoon: Succeeding Independently, The 70 Lessons of Sane Self-Employment*.

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 mi/750 ft). Do not follow Rte. 23 left at turn but instead go straight ahead onto Llandrillo Rd. (passing to right of Valley Press printing). In 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. 312. [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 \$30 by Thursday, September 5th, \$35 afterwards. Late reservations and walk-ins subject to availability. No-shows will be invoiced. Dietary restrictions accommodated on a limited basis. There is no charge for talk only, but registration is suggested using contact information above.

50- AND 60-YEAR MEMBERS AT THE JUNE LUNCHEON

Front, left to right: Dr. Pat Brown, Dr. Peter Klugherz, Dr. Stephen Hirsch, Dr. Ronald Hess, Dr. William Lautenberger, Dr. Ernest Korchak, Henry Panning.

Rear: Dr. Robert Erb, Dr. Thomas Straub, Dr. David Templer, Dr. Richard Hanauer, Dr. William Bondinell, Dr. Stuart Suter, John Mietz, Dr. Richard Kopchik, Paul Zimmer, Dr. John O'Neill.



Photo—Joe Perlish

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THE AMERICAN CHEMICAL SOCIETY PHILADELPHIA and DELAWARE SECTIONS

are co-hosting a

FALL NETWORKING EVENT

Tuesday, September 3, 2013

6:00 PM to 8:00 PM

Barnaby's of America

15 South High Street

West Chester, PA 19382

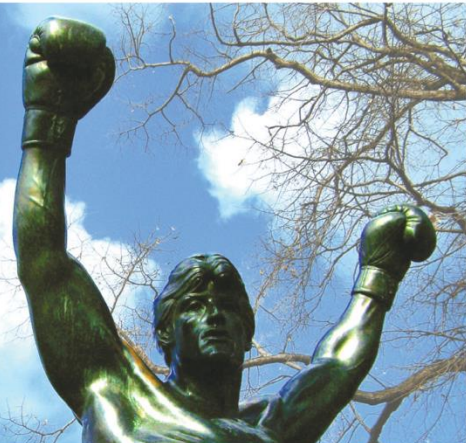
Come and network with your fellow ACS members from the Greater Philadelphia Area and Delaware as we continue this exciting series of networking events designed just for you! For this suburban event, we've teamed up with the Delaware Section of the ACS to provide you with another easy-going way to connect with other chemists as well as an informal way to learn from and help each other, too. Please join us for this exciting event! **Free to all ACS members.**

Barnaby's of West Chester is located on High Street in the heart of picturesque West Chester, PA. It is readily accessible from US 202, US 322 and US 30. A parking garage is conveniently located across the street from Barnaby's at 20 South High Street, and is open until 9:30 PM. For further information and to register for this free event, please visit <http://acsphilly-acsdelaware-networkingevent.eventbrite.com/>

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649th BOARD OF DIRECTORS' MEETING

Thursday, April 16, 2013
McCall Meeting and Conference Center, Upper Darby, PA

Present: David J. Cichowicz, Deborah H. Cook, Steven Fleming, Alan Heldon, John (JP) Northrop, Kathleen Shaginaw, Judy Summers-Gates, Denise Thomas, Melissa Betz Cichowicz, Cynthia Palmer, Kathryn Lysko, Thomas S. Straub, Victor J. Tortorelli, Christine McInnis, James Tarver and William Smith.

Also: Elisabeth Harper and Carol Jean Bruner.

Excused: Ella Davis, Anne DeMasi, Rick Ewing, and Douglas Hausner.

The meeting was called to order by Steve Fleming at 4:08 PM.

1. The March minutes were approved with no abstentions and no nays.

2. Committee Reports

A. Younger Chemists Committee Christine McInnis CMcInnis@dow.com

Christine reported on the need to create a council for the Younger Chemists Committee and steps being taken to form this council.

The council would consist of two groups, veterans and novices. There will be a total of 12 members representing the undergraduate members with an additional 3 seats representing graduate students and high school students and a final 3 seats for members at large representing industry and the private sector.

Council members would be asked to make a 2 year commitment, the chair would be asked for a 3 year commitment.

The council would improve the YCC's ability to host a variety of events throughout the year. The YCC would be responsible for publicizing events.

The proposed proportions of the representation were discussed and it was suggested that industry representation should be increased. Further, some board members saw a need for greater flexibility about which universities would be represented.

Christine reported that the council might need to start with fewer council members. The YCC will look for 12 members to start in September and be able to host a webinar in a box event in October.

The Webinar in a box program was reported. The event held at the University of the Sciences in February was very successful with great participation.

B. Chemical Education Committee Tom Straub straub@lasalle.edu

600 students took the local section Olympiad examinations. 24 students were chosen; 22 students took the lab exam. This is our best participation to date.

In May we will hear if any of our students will be chosen for the Air Force Academy.

C. K. Shaginaw katt@verizon.net.

1. A PAGES™ event was held on March 23rd. 113 girls from 6 schools participated. We had 57 volunteers at the event. This event was well attended. Other events are being considered. (www.PAGESprogram.org)

March 27 WHYY hosted a broadcast of the Women in Chemistry program and showed a film of live interviews with Mary Good and Uma Chowdry.

D. JP Northrop reported on behalf of Joe Martino regarding Career Services

JP advised that Joe reported that there will be a Career Services event by the end of April.

The Entrepreneurial Summit at Chemical Heritage Foundation at the end of March was interesting but not well attended. The summit is available on the web.

Joe also discussed reallocation of some Career Services funds to a workshop for students looking for their first jobs.

3. Officer's Reports

A. Chair JP Northrop John.northrop@anton-paar.com.

JP confirmed the joint May meeting with MARM for presentation of Philadelphia Section and MARM Education Awards. The Speaker will be ACS chair-elect Dr. Tom Barton. The presentations will be May 16th at Drexel's University Club

The June Meeting will be to honor 50 and 60 year members. As it now stands – 50 year members will attend free and 60 year members must pay. The event will be a luncheon in Chestnut Hill at the Iron Hill Brewery on June 20th. A motion was made and seconded to invite the 60 year members as guests so that they would not be required to pay to attend. The motion passed with no nays or abstentions.

B. Chair-Elect S. Fleming sfleming@temple.edu.

1. Upcoming in May are the Philadelphia Section Teaching Awards for outstanding undergraduate teaching in the chemical sciences (Dr. Jason Cross, Delaware Valley College) and for outstanding high school teaching in chemistry (Derrick C. Wood, Conestoga High School). MARM will be joining the Section at the May meeting. General gratitude was expressed to the selection committee.

2. Ulliot Lecture – The selection of the speaker for 2014 will soon be in progress.

D. Cook will serve as the permanent Philadelphia Section representative on the Ulliot Committee to replace J. Falcone.

3. The E.F. Smith award speaker is not yet determined for 2015. The University of Pennsylvania would like to invite Dr. Gerhard Ertl; the board approved this selection. Dr. G. Ertl will be invited to be the speaker for 2015.

C. Secretary A. Heldon alanheldon@comcast.net

A. Heldon reported that U.S. Rep. Allyson Schwartz has introduced a bill to provide funding for NIH and other agencies to replace funding lost to sequestration. A. Heldon will prepare a letter to be circulated to the Board for approval to Rep. Schwartz to thank her for introducing the bill and for her continuing support for research funding. The letter will be sent to JP for approval and forwarded to the board for their approval if needed.

D. Treasurer D. Cichowicz cichowicz@lasalle.edu

National sent an allotment check in the wrong amount which resulted in a stop payment order; it will be replaced in the correct amount. Apart from resolution of the allotment check everything else is normal.

The Treasurer's Report was submitted and approved with no nays and no abstentions.

4. Other Business

A. Bill Smith

1. The Science Carnival is scheduled for Saturday, April 20th. Preparations are complete. Bill's students will man the booth. \$15.00 is needed for each student's lunch. Lunch funding and supplies approved by Board. The carnival will be set up between the Franklin Institute and the Art Museum.

2. MARM Chemagination Contest is in the works. The deadline is April 24, 2013. Judy Summers-Gates and Bill Smith will co-chair with Deb Cook as a third co-chair. Bill advises that we have about 200 contacts. Students are invited to submit articles describing what our world will be like in 25 years. Twenty readers are needed to read and review about 20 student articles at about 1000 words each. The amount of funds to be allocated to the award winners and how it would be split was discussed. A motion was made to allocate \$200 and to give the award committee discretion as to how it was to be split. This motion passed with no nays or abstentions.

3. The Nocera Lecture at Villanova University at 4PM on April 24th, is for high school students. The subject is the global energy challenge.

4. The pieces are in place for a regional ACS High School Chem. Clubs convention to be held in the coming academic year. The Philadelphia Section will provide a sponsorship umbrella.

B. Bylaws

Libby Harper reported that Rick Ewing wants final feedback on the new bylaws. A general discussion followed with a consensus that there were a limited number of problems but some were serious. Dave Cichowicz suggested that the Executive Committee physically meet to hash out these remaining problems.

C. D. Cook deborahcook72@gmail.com

D. Cook reported on ACS's formation of a high school chemistry teacher's organization. Biology and physics teachers have their respective organizations.

D. K. Shaginaw katt@verizon.net.

Reported, pursuant to an email from ACS National, that there will be a bulk mailing seminar on Wednesday, April 24th.

There is a need for a Senior Chemists Committee and its formation will be considered in the near future.

E. James Tarver

Reported on an ACS division name change from Colloid and Surface Chemistry to Colloid, Surface and Nanomaterials originating over a turf war over “nanomaterial.”

A question arose as to whether the board should contact Judy Cohen about whether the Board should present an opinion on the name change.

As there was no additional business, a motion to adjourn was approved at 5:24 PM.

Philadelphia Section email: PhilaACS@aol.com

Respectfully submitted,
Alan R. Heldon
Secretary
alanheldon@comcast.net

THE AMERICAN CHEMICAL SOCIETY AND THE YOUNGER CHEMISTS COMMITTEE PHILADELPHIA SECTION

are hosting a networking and webinar discussion

Putting your Best Foot Forward: Managing your Paper and Online Resumes

Tuesday, October 8, 2013

6:15-8:30 PM

Drexel University

LeBow Engineering Center, Hill Conference Room 240

31st and Market Streets

Philadelphia, PA

Join your fellow Philadelphia ACS members in attending a webinar event focused on networking and resumé development. Experts from ACS Careers as well as professionals from the life sciences staffing industry will be leading the webinar live from 7:00-8:00 PM, and will be available to answer your questions. Brochures and contact information from ACS Careers will be provided as well. Come early to connect with your fellow chemists here in Philadelphia and work on your networking skills while enjoying snacks and raffle prizes. Doors open at 6:15 PM. We hope you will be able to take advantage of some great career advice!

650th BOARD OF DIRECTORS' MEETING

Thursday, May 16, 2013
MacAlister Hall, Drexel University, Philadelphia, PA

Present: David J. Cichowicz, Deborah H. Cook, Steven Fleming, Alan Heldon, John (JP) Northrop, Kathleen Shaginaw, Judy Summers-Gates, Cynthia Palmer, Kathryn Lysko, Thomas S. Straub, Victor J. Tortorelli, Christine McInnis, Ella Davis, and William Smith.

Also: Elisabeth Harper, Carol Jean Bruner and Bill Suits.

Excused: Melissa Betz Cichowicz, Douglas Hausner, Anne DeMasi, Rick Ewing, Denise Thomas and James Tarver.

The meeting was called to order by J.P. Northrop at 4:00 PM.

1. With apologies from the Secretary, the April minutes will be submitted prior to the June meeting.

2. Committee Reports

A. Career Services Workshop Joe Martino acsphillycareerservices@gmail.com

Joe Martino's report was submitted electronically and is reproduced hereinafter:

1) ACS Nationals has approved the ACS Philadelphia Section presenting the "Working In Industry" workshop, which is part of the ACS Career Pathways program, as the next Career Services career workshop that will target college students. ACS Nationals has also authorized me to present this workshop for the ACS Philadelphia Section in my role as a certified presenter for the ACS. JP Northrop has received from me a copy of the permission that I have received from ACS Nationals for the workshop. Steve Fleming is kindly looking into a venue for this workshop at Temple Main Campus for late September or October, with a Saturday being the preferred date to attract students – many thanks to Steve for his help with reserving the venue! I'll be working with ACS Nationals as far as coordinating the materials for the workshop. More details to come about this once the venue is reserved.

2) Our next networking event as advertised in *the Catalyst* and monthly e-mail blast will be with the Pennsylvania BioPharma Networking Group on June 4 at Bowman's Tavern in New Hope, PA from 6:00 PM to 9:00 PM.

3) I have contacted Tiffany Hoerter, who is Chair of the Delaware Section of the ACS, regarding a networking event with Career Services and that Section. The Delaware Section has expressed continued interest in hosting a networking event with Career Services, and a venue for the event is now being pursued for September or October 2013. More details to come when I receive them.

B. Younger Chemists Committees Christine McInnis cmcinnis@dow.com

Christine McInnis reported that there was interest in forming a YCC Council, as discussed at last month's Board meeting, but the respondents were from the "usual" universities and no one from industry. The YCC is working to improve participation from the underrepresented universities and from industry. Anyone who knows

potential participants, especially young chemists in industry, are urged to encourage their participation. The YCC is hoping to have its first Council meeting by the end of June.

3. Officer's Reports

A. Chair JP Northrop John.northrop@anton-paar.com.

The Chair advised the Board that he will personally be brewing a beer to be served at the June meeting at the Iron Hill Brewery in Chestnut Hill.

B. Chair-Elect S. Fleming sfleming@temple.edu.

The new chair of the Chemical Heritage Foundation is Carsten Reinhardt. He succeeds Thomas R. Tritton who is retiring.

D. Cook reported that the first meeting this year of the Ulliyot Committee will be in August.

C. Awards Committee

Philadelphia Section awards are up coming. We have one new nomination and two nominations left over from last year. The close of nominations is April 1st. The Committee will make its decision by June.

D. Secretary A. Heldon alanheldon@comcast.net

The Secretary brought to the attention of the YCC and the Board a small disparity in the awards presented to High School students participating in last month's poster session. Some high school students exhibiting posters have the resources of a university at their disposal for the conduct of their experiment but some only have the resources of their high school. The Secretary suggested creating two award categories.

The Board discussed possible ways of implementing solutions to this and similar disparities and discussed continuing Board concerns with broad disparities in the judging process. These matters were turned over to the YCC for its consideration.

E. Treasurer D. Cichowicz cichowicz@lasalle.edu

The May Treasurer's Report, submitted without comment, was approved with no nays and no abstentions.

4. Other Business

A. Bill Smith willsmith2@aol.com

1. MARM Chemagination Contest had 5 entries and our Section will be forwarding 3 entrants to the competition in Princeton this coming weekend. Pursuant to a motion at the April Board Meeting, \$200 had been allocated in prize money for this contest. After further discussion the Board determined that the allocation be divided into three \$60 awards. We are sending certificates to the winners.

The Science Carnival on the Parkway had an estimated attendance of 14,000. Our booth at the Carnival featured shaving cream chemistry and over 300 kids visited it.

B. Education Committee

The Education Committee reported sending 202 certificates to 192 high schools.

As there was no additional business, a motion to adjourn was approved at 4:49 PM.

Philadelphia Section email: PhilaACS@aol.com

Respectfully submitted,
Alan R. Heldon
Secretary
alanheldon@comcast.net

S U R P R I S E

our editor by calling and saying you appreciate the quality and content of our newsletter. Our editor works hard to maintain a publication of interest to our membership. Oh, and by the way you could also give credit to our advertisers who financially support us.

2013 CHEM PHARMA CAREER FAIR

Thursday, September 12, 2013
9:00 AM – 3:00 PM
Princeton Marriott at Forrestal
100 College Road East
Princeton, NJ
(609) 452-7800

Experienced business and technical professionals in the chemical, pharmaceutical, and life science industries and advanced degree recent graduates are invited to attend. **You must pre-register by 10 PM September 11, 2013 on the event calendar at www.chempharma.net to be admitted before 11:00 AM.** Register soon and dress for a possible on-site interview. Registration is only for those who can attend in person and are actively seeking employment.

2013 PHILADELPHIA SECTION ACS FELLOWS

Herbert E. Allen, University of Delaware (Emeritus)
Kent E. Göklen, GlaxoSmithKline
M. Katharine Holloway, Merck Research Laboratories
Marisa Kozlowski, University of Pennsylvania
Bonnie Lawlor, National Federation of Advanced Information Services (NFAIS)
Marshall Phillips, US Dept. of Agriculture, National Animal Disease Center (Retired)

The above Section members were nominated (and selected) through the Technical Division to which they belong.

THE AMERICAN CHEMICAL SOCIETY

Presents

Working In Industry

An ACS Career Pathways Workshop

With Joe Martino, ACS Career Consultant and Presenter

SPONSORED BY THE ACS PHILADELPHIA SECTION

Saturday, October 19, 2013

2:00 PM to 6:00 PM

Room 200 A-B, Howard Gittis Student Center

Temple University

1755 North 13th Street, Philadelphia, PA 19122

Join Joe as he takes you on a guided tour of working in the chemical industry in this intense, interactive workshop. You'll see the various industrial career opportunities available to graduating chemists at all degree levels and how these opportunities all support a company's goals. Throughout this discussion, you'll be getting a sense as to what opportunities are of interest to you. From here, we'll discuss in detail how to market yourself for these opportunities through a resumé specifically tailored to your career goals as well as ways to effectively network to gain access to opportunities that interest you.

This workshop will be geared specifically to graduating chemists at all levels – undergraduate to those finishing post-doctoral assignments. Those who are experienced chemists – employed or “in-transition” -- may also find this workshop to be of benefit as well.

Materials will be given at the workshop for your reference, and a break with light refreshments will be provided.

The Howard Gittis Student Center is located on the campus of Temple University in Philadelphia, PA. Temple's campus is conveniently located to SEPTA's Broad Street Subway and Temple University Station, where all lines on SEPTA's Regional Rail system stop. For those driving to the workshop, campus maps and directions to the campus may be found at <http://www.temple.edu/maps-and-directions>, and visitor parking information can be found at <http://www.temple.edu/parking/main.html>.

PLEASE NOTE WELL! To ensure that you will have workshop materials, please register no later than Midnight, October 10th!

To register for this free event, please visit <http://acsphilly-workinginindustry.eventbrite.com/>

Math and Science Tutors Needed

Do you or someone you know have skills in math or science? Would you like to make a positive difference in the lives of Philly students? BECOME A VOLUNTEER TUTOR!

The [Philadelphia Math and Science Coalition](#) of the [Philadelphia Education Fund](#) is currently recruiting tutors for the 2013-2014 school year at [Kensington Health Sciences Academy](#). As you know, high school students taking math courses like algebra and geometry and science courses such as biology, chemistry and physics will benefit from a tutor.

What Do Math & Science Tutors Do?

Tutor students for 2-4 hours per week for one semester either

in a classroom *with the teacher present* to help individual students and small groups of students with daily work. Tutor hours/time can be negotiated to fit your schedule

or

in a supervised after-school program from 3-4 PM at the school's 12+ Center

You may volunteer 1 or more days per week. Orientation and training provided. Volunteers must obtain current [Pennsylvania State Police](#) and [child abuse](#) clearances.

Register to be a volunteer tutor by emailing Eric Langenmayr (eilangen@gmail.com), tutor coordinator.

Questions? Please contact:

[Don McKinney](#) is Program Coordinator for the Math and Science Coalition of the Philadelphia Education Fund. He leads the Math and Science Volunteer Tutor program.

[Eric Langenmayr](#) is a chemist (semi-retired) and a recent volunteer classroom assistant/tutor in a Philadelphia public high school. He is helping set up the Math and Science Volunteer Tutor program and participates as one of the volunteer tutors.

About

The [Philadelphia Education Fund](#) is an independent nonprofit organization that fulfills its mission of providing quality public education through funding provided by private donors, foundations, corporations, and public sources. The mission of the [Philadelphia Math and Science Coalition](#) is to address the urgent need of preparing our youth to excel in math and science by enhancing the quality of math and science education in Philadelphia public schools.

THE AMERICAN CHEMICAL SOCIETY'S SENIOR CHEMISTS COMMITTEE

As of January 1, 2013 the ACS established the Senior Chemists Committee (SCC) in recognition that more than one-third of its 163,000 members are over the age of 50! This is one of the fastest growing segments of the society.

The SCC's mission is:

- To share with ACS members of all ages a rich variety of personal experiences and expertise gained over many years of professional service
- To foster interest and participation in the science of chemistry through community outreach, especially in grades K-12
- To act as science advisors/ambassadors for the purpose of cultural exchange at home and abroad
- To provide senior ACS members with challenging, diverse, and enjoyable professional experiences that enable them to contribute to the cultural experiences of their communities
- To recommend policies that address issues of interest to senior chemists

The SCC consists of 15 members, 4 associates, and 1 consultant, all appointed as the ACS President and Chair of the Board of Directors deem necessary. The SCC will serve two constituencies within the Society: (1) seniors who are still active either as full-time or part-time employees, consultants, or those who still wish to stay closely connected to the ACS and its spectrum of activities, and (2) younger members and students who have questions about a chemistry-based career or who have started careers but are looking for guidance in how to progress. Examples are mentoring, career guidance and counseling, job training seminars and webinars, alternate career selection, problem support, workshops, and tutorials.

The initial meeting of the SCC took place at the New Orleans National Meeting earlier this year. Presentations were made on speed-networking with undergraduates, career changes, retirement activities, and other topics. The SCC planned to meet again on Monday at the Indianapolis meeting in September followed Tuesday AM by a breakfast with keynote speaker John C. Lechleiter, CEO of Eli Lilly.

The current SCC chairman is George E. Heinze. The consultant is James D. Burke, past ACS Board Chairman and active in the Philadelphia Section. To join the SCC go to: <https://communities.acs.org/groups/senior-chemists>

SEARCHING FOR THAT SPECIAL JOB?

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

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

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

- www.mboservices.net
- <http://membership.acs.org/p/philadelphia/jobs/>

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- ✓ Program
- ✓ Communications
- ✓ Tellers
- ✓ Web Page
- ✓ Younger Chemists
- ✓ Women Chemists

Contact the Section Office at PhilACS@aol.com or (215) 382-1589.

Put "Volunteer" in the subject line or leave a message including contact information.



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PHILADELPHIA SECTION, ACS
CURRENT CALENDAR OF ACTIVITIES

Date	Event	Location
Tuesday, Sept. 3	Fall Networking Event – Career Services Committee with the Delaware Section	Barnaby's of America Chester, PA http://acsphilly-acsdelaware-networkingevent.eventbrite.com
Sept. 8-12	246th ACS National Meeting	Indianapolis, IN
Monday, Sept. 9	Delaware Valley Mass Spectrometry Discussion Group: James Laramee, DART: <i>Building 143: Time critical nerve agent identification by DART</i>	Villanova University Villanova, PA http://science.widener.edu/svb/msdg/
Wednesday, Sept. 11	Chemical Consultants Network: James Chan, Asia Marketing and Management: <i>Marketing Chemical Engineering and Professional Services to China</i>	Cynwyd Club Bala Cynwyd, PA www.chemconsultants.org
Thursday, Sept. 12	CHEM PHARMA CAREER FAIR	Princeton Marriott at Forrestal Princeton, NJ www.chempharma.net
Thursday, Sept. 12	Joseph Priestley Society: A.N. Sreeram, Dow Chemical Co.: <i>Adapting to the Shale Gale: Abundance Creates Shortage</i>	Chemical Heritage Foundation Philadelphia, PA www.chemheritage.org
Friday, Sept. 13	35 th Annual Princeton ACS Fall Organic Chemistry Symposium: Zheng Wang, Rutgers; Xiaowei Zhuang, Harvard; Donald Pinto, Bristol-Myers Squibb; Fraser Stoddart, Northwestern; Peter Dervan, Calif. Institute of Technology	Forsgate Country Club Monroe Township, NJ www.pacsfocs.org/
Tuesday, Sept. 17	Innovation Day. Presentation of the 10 th Annual SCI Gordon E. Moore Medal to Jerzy Klosin, Dow Chemical Company	Chemical Heritage Foundation Philadelphia, PA www.chemheritage.org
Tuesday, Sept. 17	Chromatography Forum of the Delaware Valley: TBA	D'ignazio's Towne House Media, PA http://www.cfdv.org/
Thursday, Sept. 19	Philadelphia Section Meeting: R.J. Levis, Temple University: <i>The Chemistry of Wine—The Difference Between a \$2 and a \$2,000 Bottle</i>	Chestnut Hill College Philadelphia, PA
Thursday, Sept. 19	Joullié Lecture: Peter Wipf, University of Pittsburgh: <i>From Strained Carbocycles to Heterocycles</i>	University of Pennsylvania Philadelphia, PA http://www.chem.upenn.edu/events-list
Thursday, Sept. 26	Philadelphia Organic Chemists Club: Daniel L. Comins, North Carolina State University: TBA	University of Pennsylvania Philadelphia, PA http://www.pocclub.org/
Tuesday, Oct. 8	MacDiarmid Medal Lecture: Tobin Marks, Northwestern University	University of Pennsylvania Philadelphia, PA http://www.chem.upenn.edu/events-list
Tuesday, Oct. 8	YCC Webinar in a Box: <i>Putting Your Best Foot Forward: Managing Your Paper and Online Resumes</i>	Drexel University Philadelphia, PA
Thursday, Oct. 17	Philadelphia Section Award to Dr. Ahmed Abdel-Magid	Temple University Philadelphia, PA
Saturday, Oct. 19	Younger Chemists Committee and Chestnut Hill College Chemistry Club: Harry Potter Festival Chemistry Outreach Demonstrations	Chestnut Hill College Philadelphia, PA wendingk@chc.edu
Saturday, Oct. 19	Career Services Committee: <i>ACS Career Pathways Working in Industry Workshop</i>	Temple University Philadelphia, PA http://acsphilly-workinginindustry.eventbrite.com/
October 20-26	National Chemistry Week	www.acs.org/ncw
Thursday, Nov. 21	Ulyot Public Affairs Lecture: Joe Palka, National Public Radio	Chemical Heritage Foundation Philadelphia, PA
Saturday, Dec. 14	Chemical Demonstrations and Hands-on Activities for Children of all Ages	TBA