

the Catalyst



ACS
Chemistry for Life™

Official publication of the Philadelphia Section, ACS
<http://philadelphia.sites.acs.org>

September 2016
Volume 101, No. 8



**50- and 60-Year Members
at the June Luncheon**

HIGHLIGHTS

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ADVANCE NOTICE

OCTOBER MEETING

Wednesday, October 19, 2016

NOTE DATE CHANGE

Philadelphia Section Award
Dr. Anthony W. Addison
Drexel University

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

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**Comments
From
the
Chair**



Dr. Rick Ewing

As I write this column, the 252nd ACS National Meeting is just starting. The Philadelphia local section will be well represented with members who serve on governance committees, organized and will chair scientific sessions. Many have volunteered their time at the local section booth or helped with the meeting logistics, and attended the meeting. In my next column, I will highlight the events at the meeting that were organized and led by local section members.

We have several fantastic events coming up this fall. The Chemical Consultants Network will have a network event and seminar, *Consulting Abroad or When Being Abroad* on September 14th. The Philadelphia Section Award will be held on October 19th at Drexel University. On November 10th, please come to the Ulliyot Public Affairs lecture will be held at the Chemical Heritage Foundation. These events and several others can be found in the ACS Activities Calendar.

NEWS ATOMS—Alan Warren

Dongyun Huh, assistant professor in the department of bioengineering at Penn received the 2016 Analytical Chemistry Young Innovator award.

Sharon L. Haynie, principal investigator at DuPont, was named a 2016 ACS Fellow in recognition of her research work and her involvement with ACS at the local, regional, and national levels.

Robert Anderson, former director of the British Museum, was named interim president of the Chemical Heritage Foundation. He replaces **Carsten Reinhardt** who returns to Germany to teach history of science at the University of Bielefeld and to work on programs at the Max Planck Society.

DEATHS

Marshall Phillips, former research chemist at USDA, March 25th at 83. He also served in administrative and executive roles for USDA before retiring. He then became vice president for development at Delmont Labs. He was associate editor of the *Journal of Agricultural and Food Chemistry* and served as chair and councilor for the ACS AGFD division.

Jacob N. Leech, Jr., retired chemist, August 10th at 89. After a long career with DuPont he retired in 1985 but continued as a consultant.



ACS
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National Chemistry Week 2016 Illustrated Poem Contest:

“Solving Mysteries Through Chemistry”

The Philadelphia Section of the American Chemical Society (ACS) is sponsoring an illustrated poem contest for students in Kindergarten - 12th grade.

Contest Deadline: Contest entries must be postmarked by **November 2, 2016**

Prizes: \$50.00 for the winner of each grade category
(grades K-2 / grades 3-5 / grades 6-8 / grades 9-12)

Contact: Dr. William R. Smith, National Chemistry Week Coordinator, Philadelphia
willsmith2@aol.com / 267-987-5395

Winners of Philadelphia Local Section illustrated poem contest will advance to the ACS National Illustrated Poem Contest!

Write and illustrate a poem using the NCW theme, “Solving Mysteries Through Chemistry”.
Your poem must be **no more** than 40 words, and in the following styles to be considered:

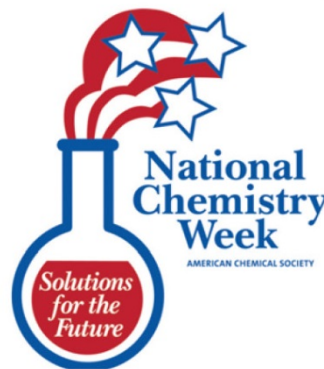
HAIKU • LIMERICK • ODE • ABC POEM • FREE VERSE • END RHYME • BLANK VERSE

Participants are encouraged to explore topics related to:

- DNA
- Fingerprints
- Art Forgeries
- Pigments
- Invisible Ink

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 2016 theme, “Solving Mysteries Through Chemistry”.
- 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.

American Chemical Society

CHEMICAL CONSULTANTS NETWORK SEPTEMBER 14, 2016 MEETING

Consulting Abroad or When Being Abroad

M. Michalczyk, D. Vahlsing, J. Newport, W. Golton

DATE & TIME: Wednesday, September 14th, at The Cynwyd Club, Bala Cynwyd, PA
Networking, 5:30 PM; Dinner, 6:30 PM; Talk and Business Session, 7:30 PM

[Click here to register](#)

Abstract: Increasingly, foreign companies look for consultants located in the US. They may have found you online or you may have been selected because you responded to a specific Open Innovation challenge. The globalization in this area offers wonderful opportunities but also creates unexpected problems. Our speakers will discuss their own experiences. We expect the general discussion to follow. Everybody is welcome to share his/her experiences

Bio: All the speakers are experienced consultants and members of the CCN.

MIKE MICHALCZYK has provided technical support to an overseas client and has managed his consulting business while overseas.

DAVE VAHLSING provided technical support overseas as an expert witness in a Swiss Arbitration Court.

JOHN NEWPORT, past Chair of CCN, provides consulting and contract research services through Chemventive LLC.

BILL GOLTON has consulted or taught in various countries in Europe, South America, and in Egypt.

Location: The Cynwyd Club, 332 Trevor Lane, Bala Cynwyd, PA 19004. [MAP DIRECTIONS](#)

Reservation: [Click here to register to attend the event](#), or e-mail CCNReservations@aol.com or call the CCN phone number at (877) 326-2959 and leave a message. Fee, including food and beverages (wine, beer & sodas), is \$30 by reservation/cancellation deadline: **Saturday, Sept. 10th**. Dietary restrictions accommodated on a limited basis. There is no charge for talk only, but registration is suggested using contact information above.

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- [Join!](#) Most valuable – post your consulting practice information – and have great visibility!

677th BOARD OF DIRECTORS MEETING
Monday, February 22, 2016
University of the Sciences, Philadelphia, PA

Present: David J. Cichowicz, Melissa Betz Cichowicz, Judith Cohen, Deborah H. Cook, Jason Cross, Ella Davis, Anne DeMasi, Rick Ewing, Alan R. Heldon, Cynthia Palmer, Thomas S. Straub, Judy Summers-Gates, James Tarver, Victor Tortorelli and Elizabeth Wagoner

Excused: Christine McInnis and William Smith.

Absent: Douglas Hausner and John (J.P.) Northrop. Kathleen Shaginaw, Denise Thomas.

Also present: Carol Jean Bruner, Judith Currano, Kathie Lysko, Joe Martino, Daria Walsh.

The 677th Board Meeting of the Philadelphia Section, ACS, was called to order at 4:01 PM. The roll was called and a quorum was present.

1. Minutes

The Minutes of the December Board of Directors Meeting, as amended, were approved with 0 nays and 0 abstentions.

2. Officers

A. Chair, Rick Ewing, ewingwre@comcast.net

2016 Edgar Fahs Smith Memorial Lecture – University of Pennsylvania, Thursday, March 3rd, Dr. George C. Schatz (Northwestern University), *Silver and Gold Nanoparticles: New Directions for Theory*. Our Section Teacher's Awards will be presented in conjunction with the EFS Memorial Lecture.

Attempting to secure a promising speaker for our May Meeting. Timing and availability are critical. This speaker is a brewing specialist and an entertaining lecturer. Probably in conjunction with our Teachers Awards. The current best date for this event is May 12th. Venue to be announced.

Budget: Analysis and discussion of Section's 2016 Budget. Discussion of both expenditures and income. The focus of the discussion was the availability of funds for discretionary spending. Even with substantial downward revision of Committee and group budget requests, the budget, in current draft, provides for possible Section expenditures that are greater than the Section's expected income. Discussed need for cost controls and for new funding sources.

Teacher Awards: There was discussion of the basis for the Teacher Awards and of expanding the basis for these Awards.

Catalyst deadline: *Catalyst* materials are due by March 2nd.

Replacing Marge Matthews: There was brief discussion of a "Replace Marge Matthews Committee."

New gmail Account: The Section is opening a new email account. It will be philaacs@gmail.com. The Section's current AOL account will be phased out. There was discussion of when to close the AOL account and how to transition to the new account. The consensus was to wait until after the Fall National Meeting.

ACS Strategic Plan for 2016: There was brief discussion of National's Strategic Plan for 2016 particularly as it applied to our Section.

B. Chair-Elect, Deborah H. Cook, deborahcook72@gmail.com

Thanked Section for the trip to Dallas for Leadership Training.

Awards Committee: The Teacher Award nomination has been extended to March 15th. The Teachers Awards are to be presented at the May Section Meeting. Board members are asked to reach out to colleagues for nominations. The Awards Committee reviews nominations and select the awardees for the three educator awards - undergraduate, high school and middle school teaching - and the Phila Section Award. The Edgar Fahs Smith Award and the Ulliyot Award have their own committees.

C. Secretary, Alan Heldon, alan.heldon@live.com

The Secretary, on behalf of the Section and various committees, submitted an Innovative Projects Grant application for a computer, presentation equipment and software. It is still pending.

D. Treasurer, D. Cichowicz, cichowic@lasalle.edu

Absent a budget, there was no report.

3. Committees

A. Budget, Vic Tortorelli, vtortorelli@ursinus.edu

The Budget and Finance Committee submitted a Budget for 2016 for approval and adoption by the Board. The Budget was submitted with the caveat that projected expenditures might exceed expected income. It was noted that the budget represented hard choices made by the Committee and the Board over the past several months. There was little discussion. On motion the budget was approved with 0 nays and 0 abstentions.

B. Career Services, Joe Martino, acsphillycareerservices@gmail.com

Career Services has begun publicity for the April 19th Virtual Career Club and participants have begun to register. Career Services has also scheduled a physical Career Club for Tuesday, September 27, 2016 from 4 PM to 8 PM at the Community Center of the Giant Super Food Store in Willow Grove, PA. This physical Career Club will utilize a half-hour appointment format. Participation in these events will determine the future direction of the Career Club program.

Career Services made an offer of assistance to the ACS Delaware Section, which was graciously received.

Career Service continues to strategize on marketing itself to industrial and academic venues in order to provide quality service to our membership.

4. Other Business

The ACS Delaware Section is holding an event on March 6th regarding employment pursuant to the Dow-DuPont shake out.

Discussion of marketing strategies for Career Services. Better communication to membership of available resources, employment and other. Discussion of member loss. A concern of National. Career changes and migration to other professions.

ACS Fellows: There is a need for nominations for Section Fellows. A "nominations package" is available. Help with writing nominations is available. Board to receive updates. The Section will secure a list of Philadelphia Section Fellows from National.

There being no additional business before the Board, the meeting was adjourned at 5:22 PM.

Respectfully submitted,

Alan R. Heldon, Secretary, alan.heldon@live.com

678th BOARD OF DIRECTORS MEETING

March 3, 2016

University of Pennsylvania, Philadelphia, PA

Present: Deborah H. Cook, Jason Cross, Ella Davis, Rick Ewing, Alan R. Heldon, Cynthia Palmer, William Smith, Thomas S. Straub, James Tarver, Elizabeth Wagoner, and Judy Summers-Gates.

Excused: David J. Cichowicz, Melissa Betz Cichowicz, Anne DeMasi, Christine McInnis and Victor Tortorelli.

Absent: Judith Cohen, Douglas Hausner John (J.P.) Northrop and Denise Thomas.

Also present: Carol Jean Bruner, Judith Currano, Daria Walsh.

The 678th Board Meeting of the Philadelphia Section, ACS, was called to order at 4:05 PM. A quorum was present.

1. Minutes

The Minutes of the January 2016 Board of Directors Meeting were approved with 0 nays and 0 abstentions.

The Minutes of the February Board of Directors Meeting were amended and approved with 0 nays and 0 abstentions.

2. Officers

A. Chair, Rick Ewing, ewingwre@comcast.net

Spring National Meeting will be March 13-17.

April 21st Meeting – Awards at McCall Center, Chem. Students Awards

May 21st Meeting – Teachers Awards

The Section is transitioning to a new email account. The new email address is: philaacs@gmail.com.

Section Dues. Discussion: The Section's current budget situation supports a dues increase. There has been no need to reevaluate Section dues for years. After examining current spending, the dues issue will be reexamined in the Fall.

ACS Fellows: Nominations are needed and due April 1st. Judy Cohen chairing.

High School Award Certificates to be signed and mailed.

Anne DeMasi – Pre-National Meeting "meeting" of councilors is March 1st.

April *Catalyst* material is due on or before March 8th at the Section office. Email to: philaacs@gmail.com.

B. Chair-Elect, Deborah H. Cook, deborahcook72@gmail.com

Currently working on the awards nomination packets for the awards which will be presented at the May Meeting
The Philadelphia Section Award: Nominations are needed but due by April 1st. It was suggested that the Section contact past winners.

C. Secretary, Alan Heldon, alan.heldon@live.com

The Secretary reminded the Board that the Section Bylaws impose an affirmative duty on members to attend all meetings and that three consecutive delinquencies might result in summary loss of membership.

ACS National has advised all Sections and Divisions that full ACS membership is required for exercising the privileges of full Section or Division membership. This requirement was discussed. It has little or no implications for Philadelphia Section practices.

3. Committees

A. Younger Chemists Committee, [Ivana Sasimovich reporting for YCC Poster Session](#): The Poster Session went well. 143 signed up for the session. The need for more money in the project budget for food was noted.

Discussion: Discussion of graduate and undergraduate award winners, also, high school award winners. The high school awards generated a gratifying amount of media publicity.

B. Education and Community Outreach Committee, Bill Smith

We are presently conducting the Section level of: Chemists Celebrate Earth Day – Deadline April 22nd, CHEMAGINATION – Deadline May 2nd.

Discussion of upcoming events and the need for coordination: CHEMAGINATION Awards given at MARM (College of Mount Saint Vincent, Riverdale, NY June 11th) ; National Chem. Olympiad, Tom Straub, 29 schools participating. Local Section testing will be in March.

There being no additional business before the Board, the meeting was adjourned at 5:02 PM.

Respectfully submitted,

Alan R. Heldon, Secretary, alan.heldon@live.com

679th BOARD OF DIRECTORS MEETING

April 21, 2016

McCall Meeting and Conference Center, Highland Park, PA

Present: Deborah Cook, David Cichowicz, Melissa Cichowicz, Anne DeMasi, Alan Heldon, Cynthia Palmer, Kathleen Shaginaw, William Smith, Tom Straub, Judith Summers-Gates, James Tarver and Victor Tortorelli.

Excused: Rick Ewing, Jason Cross, Elizabeth Wagoner, JP Northrup, Christie McInnis.

Absent: Judith Cohen, Ella Davis, Douglas Hausner .

Also Present: Joe Martino, Steven Fleming, CJ Bruner, Daria Walsh, Judy Currano.

The 679th Board Meeting of the Philadelphia Section, ACS, was called to order at 4:00 PM. A quorum was present.

Chair-Elect Deborah Cook chaired this meeting because the Chair is unable to attend.

1. Minutes

The Minutes of the March Board of Directors Meeting were approved with amendments. 0 nays and 0 abstentions.

2. Officers

A. Chair, Rick Ewing, ewingwre@comcast.net

Report delivered by D. Cook. See following: The May meeting will be at U. Sciences with Charles Bamforth; June meeting will be at the Chemical Heritage Foundation on the 16th (now 17th).

There is a Communications Committee vacancy following the retirement of Marge Matthews.

Discussion. With Marge's retirement, the Communications Committee Chair is vacant and needs to be filled with due speed. It was agreed that this vacancy could be advertised in *the Catalyst*.

B. Chair-Elect, Deborah H. Cook, deborahcook72@gmail.com

Awards Committee report – Deborah Cook, Committee Chair

There were a total of six nominees for the undergraduate teaching award, and three for the high school teaching award (pre-college teaching).

We need to align our nomination protocols so that our Pre-college awardee can be forwarded to the Middle Atlantic Region (MAR) Committee for consideration.

Jeremy Wolf of Palisades HS in Kintnersville, PA was the 2015 recipient of the Award for Excellence in Pre-college Teaching.

Dana Puskas of Neshaminy HS is the 2016 awardee for that award.

Bill Smith was the 2014 recipient and was recommended for the MAR award in 2015 and will be reconsidered in 2016.

Dana Puskas and/or Jeremy Wolfe should be submitted to MAR Committee for consideration. However, their nomination packets have to be modified to meet the MAR Committee requirements. MAR winners are subsequently forwarded to National for consideration for the James Conant Bryant Award. The MAR Committee deadline for both the E. Emmet Reid Award and the High School Teaching Award is April 1st. Deadlines were too close to make any changes to the HS packets this year.

Our selection this year for the Excellence in Undergraduate Teaching award nominee was ineligible for the MAR Emmet Reid Award due to requirements concerning the institution the nominee is affiliated with. The requirements stipulate that the awardee be affiliated with a small college, i.e. an institution that does not confer a PhD or doctoral degree. Therefore, the committee recommended that another of this year's candidates be nominated for the E. Emmet Reid Award. That nomination packet was forwarded to the MAR committee.

Discussion regarding the Philadelphia Section Award. There were five nominees for the Philadelphia Section Award. The Committee will be convening via teleconference on May 5th. I hope to be able to report the decision at the May meeting.

Further Reports

Judy Currano reported by telephone: All copies of *the Catalyst* that are currently in the Section's office have been inventoried. Funding for scanning the collection may be available and a recommendation will be made to U. Penn. Possible funding through an IPG might be considered if U. Penn. declines funding. Judy recommending Open Access of *the Catalyst* at Penn's Chemistry Library enabling those interested to view, read, and more. U. Penn. could maintain the hard copies of *the Catalyst* in the Sections collection.

PECO Crown Light Display has confirmed that it will display a banner welcoming National Meeting participants during the August meeting.

D. Cook was appointed by Mary Kirchhoff to represent ACS on a NSTA Task Force to determine the criteria for a STEM teacher certificate and possible online program. The first teleconference to take place April 22nd. Other national organizations with math/science education interests are also represented on the task force.

Anne DeMasi reported there is a lot of activity regarding the Section's role in the National meeting.

C. Secretary, Alan Heldon, alan.heldon@live.com

No report.

D. Treasurer, David Cichowicz, cichowic@lasalle.edu

For technical reasons the Treasurer's Report could not be distributed prior to the Board Meeting.

The Section's local dues allotment has been received from National.

There was discussion regarding the increased phone charges from Verizon. Using a cell phone account discussed. Qwest was mentioned as cheaper but difficult to work with. Verizon telephone charges are increasing, especially for long-distance. While U. Penn. had told us in the past they would not supply a phone the possibility of using the U. Penn phone system could be explored. Options to be further examined at the May Meeting.

3. Committees

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

Career Services held its Virtual Career Club on April 19. Fourteen participants registered for the event and 3 attended. Initial feedback was that the program was helpful.

Career Services continues to solicit interest in our programming. Efforts will continue in this regards as several leads have been generated as well as opportunities to present our services to the Section.

The career event for displaced chemists held by the ACS Delaware Section in conjunction with ACS National on March 6 was well-received. Two ACS Career Pathways workshops were presented along with day-long career consulting. ACS National is exploring this event as a pilot for similar programming to be used for large-scale downsizing. ACS National is willing to help Career Services with such an event if the need arises.

4) ACS National is revising the ACS Career Pathways programs to update and to modularize the workshops. The revised resume module of the “Working In Industry” workshop was presented at the ACS Delaware Section was well-received. ACS National is currently conducting “Train-the-Trainer” sessions for presenters, and all workshops will be revised and ready for the 2016 Fall National Meeting in Philadelphia.

B. Education and Community Outreach Committee, Bill Smith, willsmith2@aol.com

Bill reported building a 48 teacher database of contacts. The Office Administrator will work with Bill to enhance and develop this database. When complete the database will be available for Section use.

Chemagination applications – due May 2nd at Section Office.

Ed and Outreach Committee has 20 Members.

C. PAGES™, Kathy Shaginaw, katt@verizon.net

On Saturday, April 16, 2016, at Chestnut Hill College - 118 girls from 38 schools attended with 60 volunteers. The keynote speaker was Rachel Valletta, a PhD candidate in Earth and Environmental Science at the University of Pennsylvania. Thanks to all of the volunteers and to the Section for financial support.

There being no additional business before the Board, the meeting was adjourned at 5:30 PM.

Respectfully submitted, Alan R. Heldon, Secretary, alan.heldon@live.com

FROM ACS COUNCIL – *Tony Addison*

Council met in Philadelphia on Wednesday, August 24th. There were 12,800 participants at the Fall Meeting, including 7,437 registrations plus 3,249 student registrations and 1,181 Exhibitor registrations.

The ACS Board of Directors approved setting the advance member registration fee at \$445 for national meetings held in 2017. The costs and future nature of the National Meetings continue to be topics of ongoing discussion at all levels in the Society.

Council voted to extend the dues waiver for unemployed members - from two years to three.

Some changes in local section boundaries were approved, though the ongoing geographic question about Ocean County, NJ, apparently remains unresolved. That former Section's members have been invited to affiliate with the local section of their choice.

Council approved the establishment of ACS International Chemical Sciences Chapters in Greater Beijing, Southwestern China, and Iraq. This leads me to the question of how ACS might in future react to pressure applied to foreign members by governments less benign than ours?

Council approved an update of the 2012 version[1] of the *Chemical Professional's Code of Conduct* document.

President Donna Nelson held a discussion period focused on the current and future employment situation for Chemists, and there were numerous comments from Councillors.

The Younger Chemists' Committee of the Philadelphia Section (YCC) staffed a booth in the Exposition, which included some hands-on activities. These were popular with both registrants and their children, so that the booth drew a fair bit of attention.

Amongst local Section members, Ella L. Davis was elected to the national committee on Council Policy.

[1] <https://www.acs.org/content/acs/en/careers/career-services/ethics/the-chemical-professionals-code-of-conduct.html>



Philadelphia Section Councilors at the National Meeting

Pictured left to right: E. Davis, K. Hunt, A. DeMasi, D. Cook, J. Murray, K. Lysko, A. Addison, President D. Nelson, J. Tierney, M. Cichowicz, G. Arbuckle-Keil, M. Forman, R. Ewing.

DIRECTORY OF SERVICES

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

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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:

www.membership.acs.org/p/philadelphia

or by calling the Philadelphia Section Office (215) 382-1589.



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**PHILADELPHIA SECTION, ACS
CURRENT CALENDAR OF ACTIVITIES**

Date and time	Event	Location
Wednesday, September 14 5:30 – 9:00 PM	Chemical Consultants Network: <i>Consulting Abroad or When Being Abroad</i>	The Cynwyd Club Bala Cynwyd, PA http://www.chemconsultants.org/event-2290569
Thursday, September 15 11:30 AM - 2:00 PM	Joseph Priestley Society: Kim Gingras, <i>Light-weighting through Composite Materials: From Aerospace to Automotive</i>	Chemical Heritage Foundation 315 Chestnut Street Philadelphia, PA 19106 https://www.chemheritage.org/event/joseph-priestley-society-kim-gingras
Thursday, September 15 4:00- 5:00 PM	Philadelphia Section, ACS Meeting Board of Directors Meeting Only	University of Pennsylvania New Chemistry Faculty Room, Bldg. 73, 1st Floor Philadelphia, PA
Thursday, September 22 8:00 PM	Philadelphia Organic Chemists' Club Presenter: Michael S. VanNieuwenhze Indiana University	University of Pennsylvania Department of Chemistry Philadelphia, PA http://www.pocclub.org/
Thursday, September 29 11:30 AM - 2:00 PM	Synthesis Lecture: Jan Golinski	Chemical Heritage Foundation 315 Chestnut Street Philadelphia, PA 19106 https://www.chemheritage.org/event/synthesis-lecture-jan-golinski
Thursday, October 13 11:30 AM - 2:00 PM	Joseph Priestley Society: Mark Vergnano, <i>Chemours: Leading a 200-Year-Old Start-Up.</i>	Chemical Heritage Foundation 315 Chestnut Street Philadelphia, PA 19106 https://www.chemheritage.org/event/joseph-priestley-society-mark-vergnano
Wednesday, October 19 NOTE DATE CHANGE 5:00 – 7:30 PM	Philadelphia Section Award Dr. Anthony W. Addison	Drexel University MacAlister Hall, 6th floor Philadelphia, PA
Thursday, November 10 6:00 – 8:00 PM	2016 Ulliot Public Affairs Lecture Sir James Fraser Stoddart	Chemical Heritage Foundation 315 Chestnut Street Philadelphia, PA 19106 https://www.chemheritage.org/ulliot-public-affairs-lecture