

the Catalyst



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

February 2016
Volume 101, No. 2



HIGHLIGHTS

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2015 Winners of the YCC Poster Session
Douglas Gisewhite, Sarah Burke and James Gamrat

ADVANCE NOTICE

MARCH MEETING

Thursday, March 3, 2016

NOTE: This is the first Thursday of the Month
Edgar Fahs Smith Memorial Lecture

Dr. George Schatz, Northwestern University
at the University of Pennsylvania

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

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Published monthly except July, August and December by the Philadelphia Section of the American Chemical Society. All views expressed are those of the editors and contributors and do not necessarily represent the official position of the Philadelphia Section of the American Chemical Society. Editorial matters should be sent to the attention of the Editor-in-Chief c/o the Philadelphia Section ACS, Department of Chemistry, University of Pennsylvania, 231 South 34th Street, Philadelphia, PA 19104-6323 or philcatalyst@aol.com.

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Comments From The Chair



February brings one of our premier events to the Section, the Annual YCC Poster Session at the University of the Sciences on February 22nd. This is a well-attended event with students from high school, college and graduate schools presenting their research, networking and enjoying the company of colleagues. If you are interested in being a judge for the event, please contact Joey Harmon

(jharmon1000@mail.usciences.edu). Full information for the event can be

found in this issue of *the Catalyst*. I'm genuinely looking forward to the event!

With the recent news of job actions from the Dow-DuPont merger, this issue of *the Catalyst* includes resources for unemployed chemists, assembled by the ACS Committee on Economic and Professional Affairs (CEPA). Please see the full list of links on page 28. I would like to highlight the [ACS Career Navigator™ website](#) which has many online resources on résumé preparation, interviewing, salary information, event listings, and news articles. [ACS Career Pathways™](#) is a free, facilitated, innovative workshop series that enables you to explore the various career pathways and opportunities available to chemical scientists and engineers. Please pass this information on to ACS colleagues who may benefit from any of these resources. We have a very active Career Services Group in the Philadelphia Section, led by Joe Martino. Please feel free to contact Joe at acsphillycareerservices@gmail.com for information on events and resources available within the ACS Philadelphia Section.

DELAWARE VALLEY SCIENCE FAIRS

2016

March 29th to 31st - Greater Philadelphia Expo Center in Oaks, PA

Set-up - Tuesday, March 29th

Judging - Wednesday, March 30th. Judges are to arrive at 7:30 AM

Awards Ceremony - Thursday, March 31st at 5:30 PM

FEBRUARY MEETING
THE PHILADELPHIA SECTION,
AMERICAN CHEMICAL SOCIETY
&
THE YOUNGER CHEMISTS COMMITTEE

are hosting

The Annual Poster Session

Monday, February 22, 2016
(snow date Wednesday, February 24, 2016)

6:00-9:00 PM

Athletic Recreation Center, University of the Sciences
Bobby Morgan Arena
897 S. 43rd Street, Philadelphia, PA

CALL FOR ABSTRACTS

The ACS and YCC are calling all scientists to submit abstracts for the annual YCC poster session. The registration date is February 1, 2016. Please submit abstracts at www.PhillyYcc.org. Cash prizes will be given to scientists who clearly present and show an in-depth knowledge of their research. The judging rubric can also be found on the website. For any questions please email Joey Harmon at jharmon1000@mail.usciences.edu. If you plan on attending the poster session, and are not presenting a poster, the deadline for registration will be February 10, 2016.

Interested in becoming a judge for the ACS poster session? Do you have a background or interest in science? If so, the YCC wants you! Please visit our website: www.PhillyYcc.org/judge.php to register as a judge or email Joey Harmon at: jharmon1000@mail.usciences.edu.

New this year: Companies and graduate schools are encouraged to participate in our career and grad school fair to help students learn about opportunities and careers in the chemical sciences. Interested in participating? Visit www.PhillyYCC.org to learn more and sign up. You can participate as an alumnus of a graduate school if your school isn't able to do an official table.

The Board of Directors will meet at 4:00 PM in Room 201 in the Science and Technology Center, on the second floor. The address is 4320 Woodland Avenue.

NEWS ATOMS—*Alan Warren*

John Tellis, doctoral candidate at Penn, was one of three winners of the 2015 Reaxys PhD Prize, presented in Hong Kong. The award recognizes innovative and original research in chemistry with an emphasis on synthesis.

DEATHS

Frank J. Modic, retired research chemist, May 1, 2014 at 91. He worked for Kellex Corporation and then Carbide and Carbon Chemical at the gas diffusion plant in Oak Ridge, TN. After obtaining his doctorate in physical organic chemistry he moved to General Electric's silicone products plant where he was engaged in research for 38 years. He obtained 33 patents including one for RTV material used on the boots and gloves worn by Neil Armstrong during his 1969 moon walk.

Eugene R. Nixon, professor emeritus of chemistry, January 10, 2015 at 95. After working four years on the Manhattan Project he obtained his PhD and taught for two years at Brown University. He then joined the chemistry faculty at Penn where he worked for 37 years. He served also as vice dean of the graduate school of arts and sciences, and acting chairman of chemistry and director of the Laboratory for Research on the Structure of Matter. He retired in 1986 and was a 72-year member of ACS.

Keiichi Tanabe, retired research chemist, August 26, 2015 at 84. After working in the pharmaceutical industry in his native Japan, he joined the chemical research group of the Research Institute of Temple University in 1965 where he worked on an NIMH project. He also was engaged in contract work for Walter Reed Army Medical Center and then worked for Germantown Laboratories before taking a position with DuPont Pharmaceuticals in Wilmington in 1990. He retired in 2001.

Philip F. Heller, employed in the technical publications field, suddenly November 3, 2015 at age 59. He was an account manager for institutional sales at Thieme Publishers.

Jack L. Noble, chemist, December 13, 2015 at 75. He worked for Rohm and Haas and then Rockaway Bedding.

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.



ACS Resources for Unemployed Members

- Apply for the special dues waiver which can be extended for up to three years. With this waiver members retain all benefits at no cost while unemployed. Contact ACS member services at service@acs.org, or by phone at 800-333-9511 or 614-447-3776 to start the process.
 - [Join the ACS Online Job Club](#) for unemployed members. The group meets each Tuesday from 2:00-3:00pm (Eastern Time) using web conferencing technology to exchange job hunting tips, network, and give support.
 - [Free Guidance from ACS Career Consultants](#) – ACS Career Consultants offer résumé reviews, interview tips, career counseling, and advice on transitioning jobs, salary negotiation, and job search strategies. They are available for personalized phone or email consultations throughout the year and also live at ACS Career Fairs and virtual events.
 - [C&ENjobs](#) offers an extensive network of jobs and employment opportunities for chemists and scientific professionals around the globe. Postings are updated daily.
 - Visit the [website for the ACS Delaware Local Section](#) for updates on upcoming events and other ways to learn and network.
 - [SciFinder® for Unemployed Scientists Program](#) – CAS, a division of the American Chemical Society, provides up to 100 SciFinder activities for personal use throughout the annual membership term.
 - [ACS Publication Access](#) - ACS Members have free online access to any 25 articles from all ACS Journals, ACS eBooks, and C&EN Archives. Log into the [ACS Publication website](#) with your ACS ID to gain access.
 - The [ACS Career Navigator™ website](#) has many online resources to help with résumé preparation, interviewing, salary information, event listings, and news articles. Follow us online through our [blog](#), [Facebook](#), [LinkedIn](#), and on Twitter at [@ACSCareerNav](#).
 - Members-only access to the [ACS Salary Calculator™](#) is free, giving detailed salary information for jobs in various subfields and geographic regions.
 - [ACS Career Pathways™](#) is a free, facilitated, innovative workshop series that enables exploration of the various career pathways and opportunities available to chemical scientists and engineers. Courses are available at all ACS National Meetings, some ACS Regional Meetings, and through member-only content online.
 - [ACS Leadership Courses](#) are free online and in-person. Contact leaders@acs.org for a scholarship.
 - [ACS Professional Education Courses*](#) are offered to unemployed members at half the Standard Rate (*some exclusions apply). Please contact shortcourses@acs.org to learn more.
 - [ACS National Meeting registration](#) is free when the members interviews with potential employers at the ACS Career Fair.
 - [ACS Regional Meeting registration](#) is reduced to \$25.
 - [ACS Onsite Career Fairs](#) are held concurrently with each National Meeting. Career fairs offer the opportunity to interview with prospective employers, network and gain essential job search skills.
 - [ACS Network](#) is free giving access to the online community where you can connect with potential employers and other colleagues around the globe.
 - [ACS Member Insurance Program](#) offers deferred premium payments for unemployed members.
- Unemployed member also have access to all of the [standard benefits](#) of ACS membership

CALL FOR NOMINATIONS



**The 25th Annual
Philadelphia Section, American Chemical Society
AWARDS FOR EXCELLENCE IN PRE-COLLEGE TEACHING**

The Philadelphia Section of the American Chemical Society will honor two outstanding science teachers from the Delaware Valley with its Awards for Excellence in Pre-College Science Teaching. One award will be given to a full-time educator involved in teaching science in grades K-8. The second award will be given to a full-time educator at the secondary level (grades 9-12) who teaches chemistry. Nominees must teach in the Philadelphia Section's geographic area (Philadelphia, Montgomery, Delaware, Chester, Bucks, Burlington and Camden counties).

Nominations for 2016 will be accepted until Thursday, February 25, 2016. The nomination package should consist of a letter of nomination, the nominee's resume and at least two letters of recommendation. Other supporting information, such as students' comments, is welcome. However, the total nomination package should not exceed 30 pages. The nomination package may be emailed to PhilaACS@aol.com or a copy of the nomination materials may be mailed to:

Deborah Cook
Chair, Awards Committee
Philadelphia Section, ACS
Department of Chemistry
University of Pennsylvania
Philadelphia, PA 19104-6323

For more information, please contact the Philadelphia Section, ACS office:
phone: (215) 382-1589 or email: PhilaACS@aol.com

Award recipients will be honored at our May 2016 Section meeting with a certificate and an honorarium.

CALL FOR NOMINATIONS



**The 14th Annual
Philadelphia Section, American Chemical Society
AWARD FOR EXCELLENCE IN UNDERGRADUATE TEACHING IN
CHEMICAL SCIENCES**

The Philadelphia Section of the American Chemical Society will honor an outstanding undergraduate teacher from the Delaware Valley with its Award for Excellence in Undergraduate Teaching in Chemical Sciences. The award will be given to a full-time educator involved in teaching an undergraduate course in the chemical sciences (chemistry, biochemistry). Nominees must teach in an institution that is within the Philadelphia Section's geographic area (Philadelphia, Montgomery, Delaware, Chester, Bucks, Burlington and Camden counties).

Nominations for 2016 will be accepted until Thursday, February 25, 2016. The nomination should consist of a letter of nomination, the nominee's resume and at least two letters of recommendation. Other supporting information, such as students' comments, is welcome. However, the total nomination package should not exceed 30 pages. The nomination package may be emailed to PhilaACS@aol.com or the nomination materials may be mailed to:

Deborah Cook
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Philadelphia Section, ACS
Department of Chemistry
University of Pennsylvania
Philadelphia, PA 19104-6323

For more information, please contact the Philadelphia Section, ACS office:
phone: (215) 382-1589 or email: PhilaACS@aol.com

The award recipient will be honored at our May 2016 Section meeting with an honorarium and a plaque.

2013 ACS FELLOW BONNIE LAWLOR

Bonnie Lawlor was elected as an ACS Fellow in 2013. Bonnie began her career at the Institute for Scientific Information (now part of Thomson Reuters) as a chemical indexer/editor for *Index Chemicus*[®] (*IC*[®]). Her leadership ability became very apparent and she quickly rose to manager of the department. She eventually became an ISI Director and was responsible for the overall production of the chemical products including the IC Registry System (*ICRS*[®]). In the mid-1980s she was promoted to Vice President. In this position the staff and all production phases of *Current Contents*[®] (*CC*[®]) were added to her responsibilities. Bonnie demonstrated a take-charge attitude and was eventually given the responsibility of content management for all of ISI's products including the *Science Citation Index*[®] (*SCI*[®]), *Social Science Citation Index*[®] (*SSCI*[®]), and *Arts and Humanities Citation Index*[®] (*AHCI*[®]). Through various promotions she became Executive Vice President of database publishing. In addition to overseeing production of the many ISI products she was given the added responsibility of global sales and marketing.

When new technologies were developed for delivering products Bonnie was at the forefront for pursuing how these technologies could best be used for ISI products. She was involved in making the relevant products available first on diskette and then on CD ROM which became the forerunner for the Web of Science (WOS) which is currently used by millions of students and researchers in colleges and universities throughout the world. The WOS database is also widely used in evaluative and scientometrics studies.

Bonnie is currently Executive Director of the National Federation of Advanced Information Services (NFAISTM), a membership organization of more than 55 of the world's leading producers of databases and related information services, information technology, and library services in the sciences, engineering, social sciences, business, and the arts and humanities.

Bonnie became a member of the American Chemical Society in 1972 and almost immediately became an active member. As a member of the Division of Chemical Information she has had many roles. She started out as Assistant Editor of the *CIB* and then became Editor. She was Secretary (1984-1987), Chair-elect (1988), Chair (1989), Past-Chair (1990) and is currently Councilor, a position she has held for more than 20 years. Bonnie has been a member of many committees and served as chair for several of them. She is currently the CINF Archivist and is on the CINF Communications and Publications committee. As a Councilor she has held many elected positions at the national level. Some of these are Committee on Committees (2012-present), Council Policy Committee (voting 2006-2011, nonvoting 1997-1999), Committee on Nominations & Elections (2000-2005, vice-chair 2003, secretary 2001), Committee on Divisional Activities (1994-1999, chair 1997-1999), and Committee on Copyrights (1990-1998, chair 1993-1995, committee associate 1989).

Above is only a snapshot of Bonnie's career accomplishments and her many contributions to ACS. This is enough to give you a sense of why CINF's Bonnie Lawlor was selected as one of the 2013 ACS Fellows.



NOMINATIONS INVITED

FOR THE 2016 PHILADELPHIA SECTION, AMERICAN CHEMICAL SOCIETY AWARD

The Philadelphia Section invites its members and regional and topical groups to consider recommending candidate(s) for the Philadelphia Section Award.

This Award recognizes an individual, “who, by conspicuous scientific achievement through research, has made important contributions to man’s knowledge and thereby aided the public appreciation of the profession.” Any member of the American Chemical Society, Philadelphia Section, may be nominated for this award. Recent awardees include: Ahmed Abdel-Magid (Therachem Research Medilab), Marisa Kozlowski (University of Pennsylvania), and Donna Huryn (University of Pennsylvania).

INSTRUCTIONS FOR SUBMITTING NOMINATION

- (1) The nominator should provide a CV of the nominee, showing education, employment and/or academic history, a list of publications, presentations and patents; and a record of other accomplishments pertinent to consideration for this award.
- (2) One or two seconding letters (at least one of which should be from a person in an organization other than that of the nominee) should be requested in support of the nomination.
- (3) Nominators and seconders should be identified with addresses, email and telephone numbers so that they can be contacted, if necessary, for additional information.
- (4) Unsuccessful nominees from previous years may be renominated. In fairness to the nominee, however, renominations must be accompanied by an updating of the nominee's biographical data and list of accomplishments in order to make the nomination competitive. Unsuccessful nominees who have been considered three years in a row should not be renominated for the fourth year in succession without prior consultation by the nominator with the chair of the Awards Committee.

Nomination forms are available from the Section Office. Contact the Office Administrator, Ms. Daria Walsh at:

Philadelphia Section, ACS
Department of Chemistry
University of Pennsylvania
Philadelphia, PA 19104-6323
(215) 382-1589; email PhilaACS@aol.com

The completed packet of nomination materials may be emailed to PhilaACS@aol.com or mailed by **April 1st** to Chair, Awards Committee, at the Section Office address above.

THE ACS PHILADELPHIA SECTION

Presents

The Virtual Career Club

With ACS Career Consultant Joe Martino

Tuesday, April 19, 2016

7:00 PM – 9:00 PM

Right on your phone or internet-connected device!

Do these situations apply to you?

- I'm finishing my PhD in organic chemistry, but now I want to become a patent lawyer. How do I go about discussing this with my primary investigator?
- I just lost my job in a corporate restructuring and haven't written a resume in over 15 years. Where do I start?
- I've been working at my company for over 10 years and feel that I deserve a pay raise. How do I negotiate this with my employer?
- I'm a chemist, and my career situation isn't on this list. Who can help me?

Whatever your situation, the ACS Philadelphia Section's Career Services Committee is here to help! ACS Career Consultant Joe Martino will moderate this meeting to allow you to discuss your career concerns so that you may get the most out of your career. Bring your resume or cover letter if you like or just bring only your ideas and questions – all career concerns are fair topics for discussion!

The Career Club is free and open to all chemists, regardless of employment or student status.

Details on accessing the Virtual Career Club will be e-mailed to all participants who register for participation on this website 24 hours before the Career Club begins.

For further information and to register to participate in the Virtual Career Club, please visit <https://acsphillyvirtualcareerclub2.eventbrite.com>

MARM 2016 Chemagination Competition

The 2016 ACS Middle Atlantic Regional Chemagination Competition will be held during the 2016 MARM at College of Mount Saint Vincent, Riverdale, NY on Saturday, June 11th from 12:00 PM to 5:00 PM. It will consist of a poster session and judging, followed by a presentation or other activity for the students and the award ceremony.

We invite your local section to participate in this 2016 MARM Chemagination, the first to take place at a MARM since 2012.

For this event, high school students are asked to imagine that they are living 25 years in the future and have been invited to write an article for *ChemMatters*, a magazine for high school students that focuses on the role of chemistry in everyday life. Students are also asked to design the magazine cover. The subject of the article is: "Describe a recent breakthrough or innovation in chemistry (and/or its applications) that has improved the quality of people's lives today." The article must be written to fit in one of four categories: Alternative Energy, Environment, Medicine/Health, or New Materials.

First place category winners from Local ACS Sections' Chemagination contests are eligible to participate. If a first place winning team chooses not to participate, a second place team can serve as alternate. In addition, if a local section is not able to hold their own Chemagination competition, they can choose to submit one team per category directly to the MARM contest using an alternate selection process.

Refer to the <http://marmacs.org/2016/Chemagination.html> for more details. For information on past MARM Chemagination contests see the attached file, as well as: <http://marmacs.org/2012/Chemagination.html>.

Chemagination is a great learning experience for students. In addition to increasing their knowledge of science and chemistry, they can improve their creative, teamwork and public speaking skills. Such skills will serve them well in their future careers.

Isn't it time you offered your high school students a chance to exercise their Chemagination? If you have any questions about organizing a local section competition please contact us; we would be happy to help you get your own Chemagination started.

Confirm your intent to take part in the 2106 MARM Chemagination Competition prior to March 1, 2016 and include the date of your local contest, if possible. Email this confirmation to Louise Lawter at louise.lawter@gmail.com and to obtain more information and important due dates.



CHEMICAL CONSULTANTS NETWORK FEBRUARY 10, 2016 MEETING

Open Innovation Opportunities for Consultants

John Newport

[Click here to register](#)

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

Abstract: Increasingly, companies are looking to the outside to solve their problems, taking advantage of the open innovation or crowd sourcing approach to do so. They may do this on their websites, by inviting the world to come to them with solutions or proposals, or they may use an intermediary such as Innocentive, Nine Sigma, Idea Connection or Yet2.com. Uncle Sam also uses this approach in challenge.gov. Here then is fertile ground for consultants to find work alone, or to set up ad hoc teams to take on these challenges. This talk reviews these opportunities, which may range from a few thousand to tens of millions of dollars and provides personal examples of successes and failures.

Biography: Dr. John Newport, past Chair of CCN, provides consulting and R&D services through Chemventive LLC. Previous to this he was a Senior Research Fellow at Hercules Incorporated where, in his 34-year career there, he worked on the R&D side of the fibers, film, RIM, resins and paper chemicals businesses. His areas of expertise cover polymer chemistry, surface chemistry, emulsions, rheology and transport phenomena.

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. 312. [MAP](#)

Reservation: [Click here to register to attend the event](#), or 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 reservation/cancellation deadline: Saturday, February 6th. Dietary restrictions accommodated on a limited basis. There is no charge for talk only, but registration is suggested using contact information above.

DIRECTORY OF SERVICES

ResMed: Residential School on Medicinal Chemistry and Biology in Drug Discovery
June 5-10, 2016
Wyndham, Florham Park, NJ

This graduate level course concentrates on the fundamentals that are useful in drug discovery spanning initial target assay evaluation through clinical development. Several case histories of recent successful drug development programs will also be presented. The five-day program covers:

Principles of Med Chem	DMPK
Cheminformatics	Toxicophores
Lead ID & Optimization	GPCRs
Epigenetics	Kinase Inhibitors
Fragment-based Drug Design	Ion Channels
Structure-based Drug Design	Enzyme Inhibitors
Drug-like Properties	Bioisosteres
Plasma Protein Binding	Predclinical Tox
Molecular Modeling	Clinical Dev
Protein-Protein Interactions	Case Histories

W. Greenlee, V. Gullo and R. Doll -Co-organizers

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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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email: vincegale@mboservices.net

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

Date	Event	Location
Monday, February 1	Brown Bag Lecture: <i>Vincenzo Viviani and the Beginning of Galileo's Mythography</i>	Chemical Heritage Foundation 315 Chestnut Street Philadelphia, PA http://www.chemheritage.org/visit/events/public-events/2016-2-1-bbl-gattei.aspx
Monday, February 8	Delaware Valley Mass Spectrometry Discussion Group: Scott Hanton, Intertek: <i>MALDI Matrices</i>	Room 154, Mendel Hall Villanova University Villanova, PA http://science.widener.edu/svb/msdg/
Thursday, February 11	Joseph Priestley Society: Roger Nielsen, President of Abbey Color	Chemical Heritage Foundation 315 Chestnut Street Philadelphia, PA http://www.chemheritage.org/visit/events/public-events/2016-02-11-jps.aspx
Monday, February 15	Inorganic Chemistry Seminar: Michael Neidig, University of Rochester	University of Pennsylvania Carolyn Hoff Lynch Lecture Hall Chemistry Building Philadelphia, PA Inquiries: campride@sas.upenn.edu https://www.chem.upenn.edu/event/2016/02/inorganic-chemistry-seminar-michael-neidig-university-rochester
Tuesday, February 16	Chromatography Forum of the Delaware Valley: Dr. George Preti: <i>Detecting Ovarian Cancer: An Interdisciplinary Approach to Early Detection and Screening</i>	Days Hotel West Chester Brandywine Valley 943 South High Street West Chester, PA http://www.cfdv.org/meeting/preti-detecting-ovarian-cancer-interdisciplinary-approach-early-detection-and-screening
Friday, February 19	Delaware Valley Engineers Week, <i>Awards Luncheon</i>	DoubleTree Hotel Philadelphia Broad and Locust Streets Philadelphia, PA http://www.dvewc.org/events/luncheon/al2016/
February 19-27	Delaware Valley Engineers Week	http://www.dvewc.org/events/regional-engineers-week-events/
Monday, February 22	Younger Chemists Committee Annual Poster Session	University of the Sciences Bobby Morgan Arena, Athletic Recreation Center 897 South 43rd Street Philadelphia, PA www.PhillyYcc.org
Thursday, March 3	Edgar Fahs Smith Lecturer Professor George Schatz, Northwestern University	University of Pennsylvania Reception Nobel Hall Lecture Lynch Room Philadelphia, PA https://www.chem.upenn.edu/event/2016/03/edgar-fahs-smith-lecture-george-schatz-northwestern
Tuesday, March 15	Chromatography Forum of the Delaware Valley: Dr. Robert Kennedy: <i>UHPLC-MS Based Metabolomics for Brain and Endocrine Systems</i>	Crowne Plaza Wilmington North 630 Naamans Road Claymont, DE http://www.cfdv.org/meeting/kennedy-uhplc-ms-based-metabolomics-brain-and-endocrine-systems
Saturday, April 16	Philadelphia Girls Enjoying Science Program for Sixth Grade Girls (PAGES TM)	Chestnut Hill College Philadelphia, PA http://pagesprogram.org/

251st ACS Spring National Meeting, March 13-17, 2016, San Diego, CA
252nd ACS Fall National Meeting, August 21-25, 2016, Philadelphia, PA