

the Catalyst



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

March 2018
Volume 103, No. 3



March Meeting
Edgar Fahs Smith Lecture
Dr. John F. Hartwig
University of California, Berkeley

HIGHLIGHTS

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ADVANCE NOTICE

APRIL MEETING
Thursday, April 19, 2018
5:00 PM

Student Scholastic Achievement Awards
Dr. Lawrence J. DeLucas
Director at the Center for Structural Biology
and Center for Biophysical Sciences and Engineering

McCall Conference Center Lynn Blvd., Upper Darby, PA

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

the Catalyst

ACS Philadelphia Section

Founded May 15, 1899

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Comments From the Chair



Lizzy Wagoner

The Philadelphia Section of the American Chemical Society was founded on April 15, 1899 by 83 chemists, making it one of the oldest local sections. Additionally, the oldest lectureship in the country, jointly sponsored by a university and a local ACS section will be occurring this month.

Our March 15th meeting is the Edgar Fahs Smith lecture, which is one of the most distinguished lectureships of the Philadelphia Section and co-sponsored with the University of Pennsylvania. This lecture series began in 1929 in honor of Edgar Fahs Smith (1854-1928), a professor of analytical chemistry and the 13th provost at the University of Pennsylvania. Throughout his life, Smith had a unique hobby collecting memorabilia from chemists across the ages. Upon his death, his wife donated the collection of memorabilia to the University of Pennsylvania where it is now on display as “The Edgar Fahs Smith Memorial Collection in Historical Chemistry.” You can learn more about this inspirational chemist at:

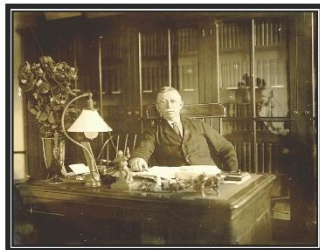
http://www.archives.upenn.edu/people/1800s/smith_edgar_fahs.html. This year’s Edgar Fahs Smith lecturer is Dr. John F. Hartwig, of the University of California, Berkeley. He will be speaking on the *Selective Functionalization with Small and Large Catalysts*. I hope you can attend the lecture, which will be followed by a delicious dinner.

In addition to the captivating history of our Section, we also have a very exciting future, particularly with our newer members. The Younger Chemists Committee has been very active and have many new events. Visit their website for their 2018 events calendar (<https://phillyycc.org/>) and see what you can attend! During the month of February, the YCC sponsored the 2018 twitter war. Students tweeted images and fun facts about chemistry with the hashtag #MyChemistry and tagging @PhillyYCC. The institution with the most tweets won a pizza party! In April, the YCC will hold poster sessions for high school, undergraduate, graduate, and post docs at Temple University. Poster presenters will have the opportunity to compete for cash prizes, as well as attend the Graduate School/Career fair. If you are interested in submitting a poster abstract, being a judge, or hosting a table at the graduate school and fair please register at <https://phillyycc.org/poster-session>. There are many ways to be involved with the scientists of the YCC. If you are a young chemist, or at least young at heart, come on out and join the fun!

NEWS ATOMS—Alan Warren DEATHS

J. Russell Bishop, research chemist, November 5, 2017 at 96. He joined the American Chemical Paint Company (ACP) in 1942 as a research chemist and worked for 40 years, retiring in 1982 as director of R&D. His field of work in the agricultural division focused on plant growth regulators and herbicides. He was involved with development of 2,4-D and 2,4,5-T, and authored papers and patents in his field. During Bishop’s employment ACP became Amchem, then Rohrer-Amchem, and was acquired by Union Carbide’s agricultural division. He was active in Mennonite communities and the Mennonite Church.

The Eighty-Fifth Edgar Fahs Smith Memorial Lecture
at the University of Pennsylvania



***Selective Functionalization with Small
and Large Catalysts***

John F. Hartwig
Department of Chemistry
University of California, Berkeley

Thursday, March 15, 2018
6:00 PM
Carolyn Hoff Lynch Lecture Hall

Reception 5:00 PM in Nobel Hall of Fame

*University of Pennsylvania
Department of Chemistry
34th and Spruce Streets
Philadelphia, PA 19104-6323*



*Lecture jointly sponsored by the Philadelphia
Section of the American Chemical Society
and the University of Pennsylvania
Department of Chemistry*



SPEAKER'S ABSTRACT AND BIOGRAPHY

John F. Hartwig, PhD

University of California, Berkeley, Berkeley CA 94720 and

Division of Chemical Sciences,

and Lawrence Berkeley National Laboratories, Berkeley, CA

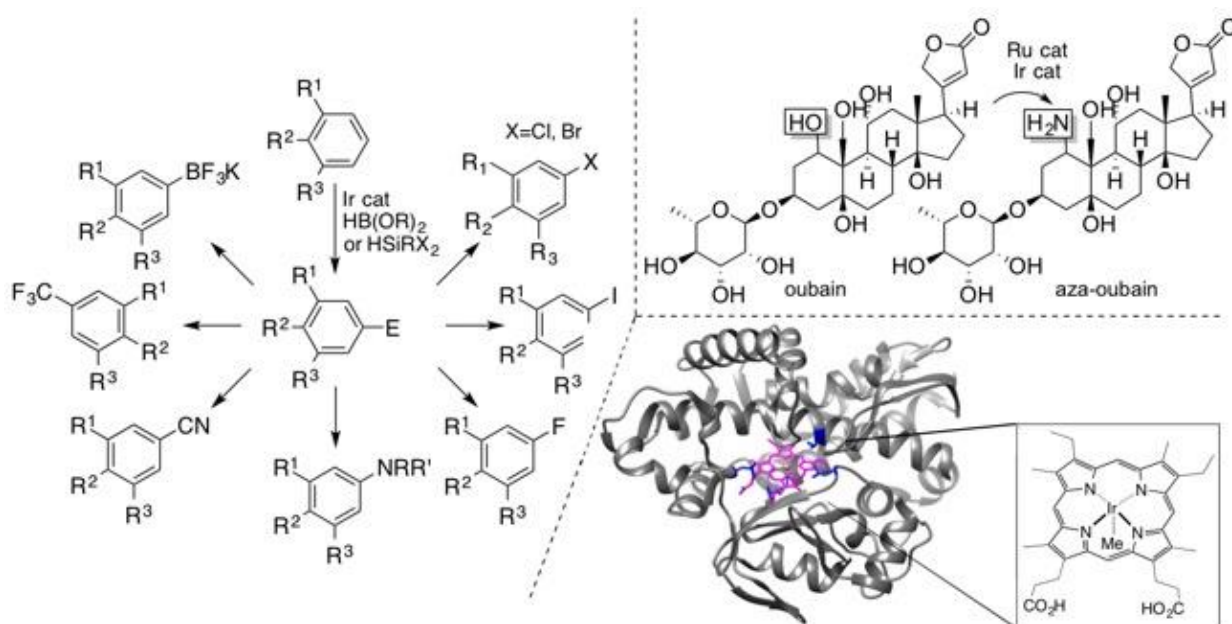
Email: jhartwig@berkeley.edu

Selective Functionalization with Small and Large Catalysts

Abstract: The selective introduction or modification of functional groups in complex molecules has been a longstanding challenge in catalysis. Our group has developed practical methods for the catalytic functionalization of C-H bonds with main group reagents, which led us to a general strategy to use one C-H bond functionalization process to form a range of products. This research has led us to discover additional catalysts and reagents for the functionalization of complex molecules.

In addition to developing reactions of small-molecule catalysts, we have sought to combine the reactivity of catalysts based on noble metals with the selectivity and evolutionary potential of enzymes. To do so, we have created artificial heme enzymes in which the iron of the heme has been replaced with noble metals to create catalysts for reactions that have not been catalyzed by natural or mutant heme enzymes.

This lecture will present recent directions of research in our group toward discovering selective reactions of organic molecules with noble metal complexes and noble-metal enzymes. The design and selection, as well as the intimate mechanism, of catalysts and catalytic reactions for these selective functionalization processes will be presented.



Biography: John Hartwig was raised near Schenectady NY, received his AB from Princeton University, obtained his PhD from UC Berkeley with Bob Bergman and Richard Andersen, and conducted a postdoctoral fellowship at MIT with Stephen Lippard. In 1992 he began his independent career at Yale University and became the Irénée P. du Pont Professor in 2004. In 2006, he moved to the University of Illinois, where he was the Kenneth L. Rinehart Jr. Professor of Chemistry, and in 2011, he returned to UC Berkeley as the Henry Rapoport Professor.

Professor Hartwig's research focuses on the discovery and understanding of new reactions for organic synthesis catalyzed by transition metal complexes. He is well known for contributions to widely practiced cross-coupling chemistry that form arylamines, aryl ethers, aryl sulfides, and α -aryl carbonyl compounds and for the discovery of practical C-H bond functionalization reactions. While developing these catalytic processes, he has focused on the mechanism and fundamental organometallic chemistry that underpins them, including studies on reductive eliminations to form carbon-heteroatom bonds, oxidative addition of N-H bonds, and olefin insertions into amides and alkoxides. He is the author of the textbook *Organotransition Metal Chemistry: From Bonding to Catalysis*. He has received numerous awards, including an A.C. Cope Scholar Award, the ACS award in Organometallic Chemistry, the H.C. Brown Award for Synthetic Methods, the Nagoya Gold Medal, and the Janssen Pharmaceutica Prize for Creativity in Organic Synthesis. He was elected to the National Academy of Sciences in 2012 and the American Academy of Arts and Sciences in 2015.

Selected Awards

2015 Member, American Academy of Arts and Sciences
2015 Willard Gibbs Medal
2014 *Organometallics* Senior Lectureship
2014 Janssen Pharmaceutica Prize for Creativity in Organic Synthesis
2014 Nagoya Gold Medal Award
2013 ACS Catalysis Lectureship for the Advancement of Catalytic Science
2013 Herbert C. Brown Award for Creative Research in Synthetic Methods
2012 Member, National Academy of Sciences
2009 Mitsui Chemicals Catalysis Science Award, Japan
2008 Joseph Chatt Lectureship of the Royal Society of Chemistry
2008 International Catalysis Award from the International Association of Catalysis Societies
2008 Mukaiyama Award from the Society of Synthetic Organic Chemistry, Japan
2008 Paul Rylander Award of the Organic Reactions Catalysis Society
2007 Raymond and Beverly Sackler Prize in the Physical Sciences
2007 Tetrahedron Young Investigator Award in Organic Synthesis
2006 ACS Award in Organometallic Chemistry
2004 Thieme-IUPAC Prize in Synthetic Organic Chemistry
2003 Leo Hendrik Baekeland Award from the North Jersey ACS Division
1997 A.C. Cope Scholar Award



NOMINATIONS INVITED

FOR THE 2018 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: Kurt W. Kolasinski (West Chester University), Anthony W. Addison (Drexel University), and Donna Hurny (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, presentation 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 at:

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

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



You are invited to be a volunteer at

The Philadelphia Area Girls Enjoying Science™ Mini- Conferences for 6th Grade Girls

Help inspire girls' interest in science and mathematics.

When: Saturday, April 7, 2018

9:00 AM - 1:30 PM

Where: Chestnut Hill College
9601 Germantown Avenue
Philadelphia, PA 19118

Volunteers are needed to bring an experiment to share with three small groups of girls (4 – 7 students each). Experiment leaders must have a bachelors' degree in a science. Students are encouraged to be part of the fun and help these experiment leaders.



As a result of new PA legislation, all adult volunteers having direct contact with children will need at least two criminal background checks. There is no cost for these checks if you are a long-time PA resident.

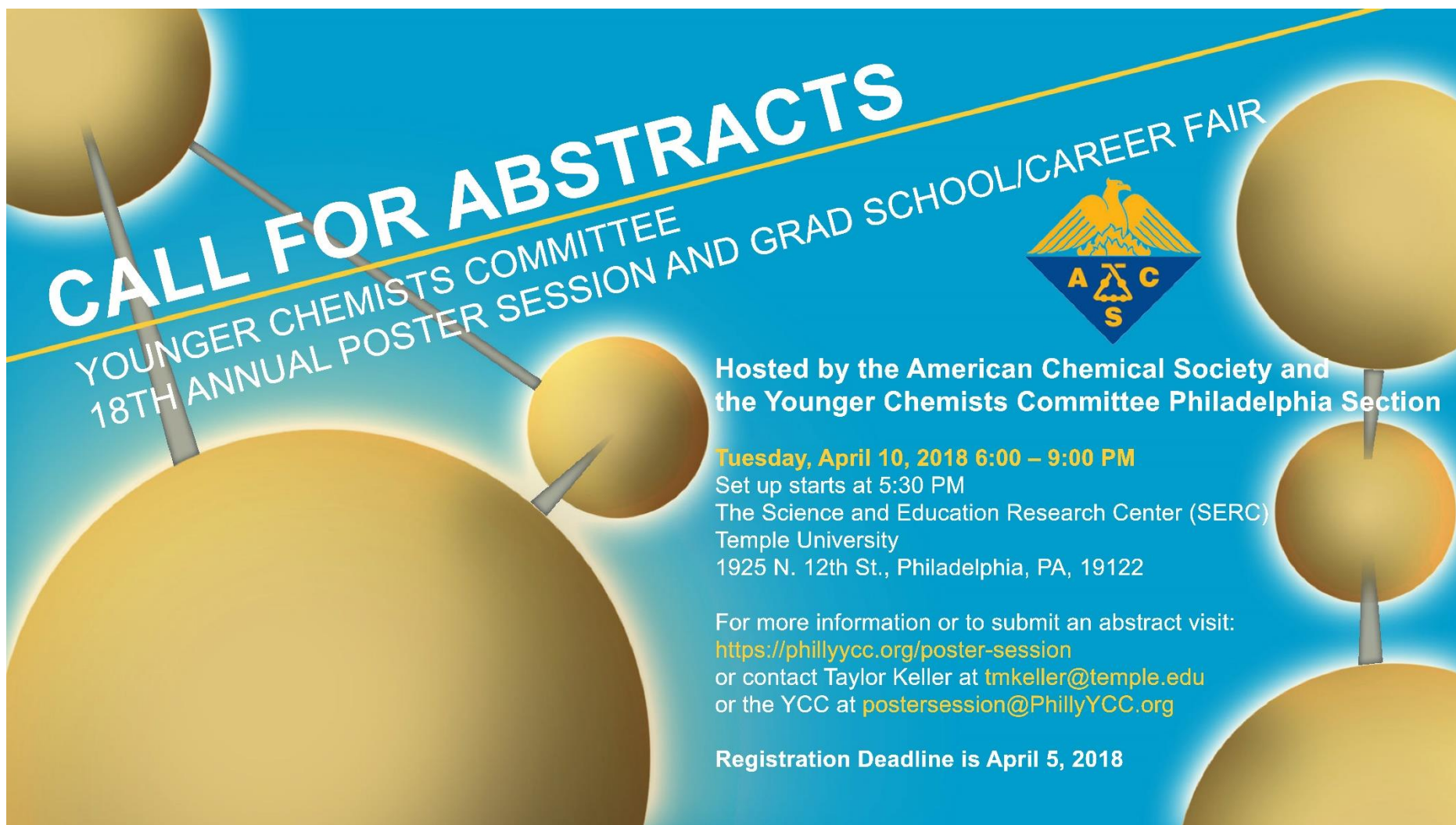


For more information and to


Register: Contact Dr. Kathy Thrush Shaginaw (kshaginaw@ccp.edu) and visit <http://www.PAGESprogram.org>.

This program is made possible through generous support from the Philadelphia Section of the American Chemical Society and its Women Chemists Committee (ACS WCC), the Philadelphia Chapter of the Association for Women in Science (AWIS), and the American Association of University Women (AAUW) Makefield Area Branch, PA, Inc., the Science History Institute, VWR Scientific, Fisher Scientific, Merck & Co, Inc., and the employers of the women scientists.





CALL FOR ABSTRACTS
YOUNGER CHEMISTS COMMITTEE
18TH ANNUAL POSTER SESSION AND GRAD SCHOOL/CAREER FAIR



Hosted by the American Chemical Society and
the Younger Chemists Committee Philadelphia Section

Tuesday, April 10, 2018 6:00 – 9:00 PM
Set up starts at 5:30 PM
The Science and Education Research Center (SERC)
Temple University
1925 N. 12th St., Philadelphia, PA, 19122

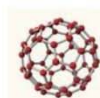
For more information or to submit an abstract visit:
<https://phillyycc.org/poster-session>
or contact Taylor Keller at tmkeller@temple.edu
or the YCC at postersession@PhillyYCC.org

Registration Deadline is April 5, 2018



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Unlimited Future

2018 Mid Atlantic Regional Meeting

NanoMARM Small Meeting—Big Results—a One-Day Meeting for the [Mid-Atlantic region](#)

June 3, 2018

Iaccoca Hall, Lehigh University, Bethlehem PA

Meeting Highlights

General Poster Session

12:00-2:00 PM and 2:00-4:00 PM

Chemagination: 12:00-4:30 PM

Oral Sessions

12:00-2:00 PM and 2:00-4:00 PM

Plenary Speaker 4:00 PM

Awards Dinner 5:00 -7:30 PM

Plenary Speaker:

Dr. Jenny Rampling

Assistant Professor, History
of Science Program
Princeton University

on
George Ripley (d.c. 1490)
and the
Image of English
Alchemy

MARM Awards

Chemagination

[Submit Poster Abstracts](#)

[Contact](#)

nanoMARM@gmail.com

Abstracts Due March 12th

CHEMICAL CONSULTANTS NETWORK

MARCH 14, 2018 MEETING

NUTRITION FOR CHEMICAL CONSULTANTS

Connie Holt

DATE & TIME: Wednesday, March 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: Performing at a high level requires more than just good technical and interpersonal skills. The right diet can help consultants to not only look good, but also have enough energy to finish tough jobs on or before specified completion dates. Good nutrition can also reduce the risk of cancer, heart disease and other chronic illnesses, and can assist in weight control.

Biography: Connie Holt is Professor Emeritus at Widener University, where she taught for 16 years in the School of Hospitality Management. She is a registered dietitian and has worked in acute care, pediatric and rehab hospitals. She has also directed a dietetic internship program at St. Francis Hospital in Tulsa, OK. She began her career teaching at the University of Delaware and has also been an adjunct faculty member teaching at Penn State University Delaware County campus and at many area hospitals.

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 (267) 666-0949 and leave a message. Fee, including food and beverages, is \$30 by reservation/cancellation deadline: **Saturday, March 10th**.

CONSULTANTS - OPPORTUNITY HERE!

PLEASE VISIT <http://www.chemconsultants.org/>

Are You Getting the Benefits of CCN Membership or Event Participation?

THE CHEMICAL CONSULTANTS NETWORK PROVIDES VALUABLE TOOLS FOR MEMBERS BEYOND THE MEETINGS AND NETWORKING. CHECK OUT OUR:

- [Valuable past presentations](#) – including methods and techniques on how to do consulting
- [Consultants' Directory](#) – find consultants who can help you solve your problems & meet your needs
- [Blogs](#) – did you know that chemists can blog? Yes! A broad range of subjects of value to all of us...
- [Resources](#) – useful & helpful information and references
- [Join!](#) Most valuable – post your consulting practice information – and have greater visibility!
- If you'd like to speak with one of our members, come to a CCN meeting or call 267-666-0949.

THE ACS PHILADELPHIA SECTION

Presents

THE CAREER CLUB

Wednesday, March 7, 2018

4:00 – 6:00 PM

The Community Center of the Giant Super Food Store

315 York Road

Willow Grove, PA 19090

Join us as we offer our members a free opportunity to speak with an ACS Career Consultant. You may have your resume reviewed, go over your interview skills or just brainstorm with an ACS Career Consultant.

Regardless of whether you're a finishing undergraduate or graduate student, an experienced professional, or someone who is in a period of career transition, the ACS Career Consultants at The Career Club are here to help you!

To register for this free service, please visit <https://acsphillycareerclub10.eventbrite.com>

Please note that registration for this event is in the form of one, 30 minute-long appointment. Pick the time that is most convenient for you, and please arrive at the Community Center lounge area 15 minutes before your appointment. Come and take advantage of this opportunity for you to take your career goals and aspirations to the next level!

The Community Center of the Giant Super Food Store is located on York Road (PA 263) in Willow Grove, Pennsylvania. It is readily accessible from I-276, I-476, PA 309, PA 611 and US 1. The Giant also features a dine-in food facility as well as a coffee shop.

694th BOARD OF DIRECTORS MEETING

November 16, 2017

Chemical Heritage Foundation, Philadelphia, PA

Present: Michael Castaldi, David Cichowicz, Melissa Cichowicz, Deborah Cook, Jason Cross, Ella Davis, Anne DeMasi, Alan Heldon, Lee Hoffman, Kathie Lysko, Joseph A. Martino, Christie McInnis, Craig McClure, Kathleen Thrush Shaginaw, Victor J. Tortorelli, Elizabeth Wagoner

Absent: Judy Summers-Gates and James Tarver

Excused: Rick Ewing

Also present: CJ Bruner

The 694th Board Meeting of the Philadelphia Section, ACS, was called to order at 4:04 PM. A quorum was present.

1. The Minutes of the October Board Meeting were approved without amendment. 0 nays and 2 abstentions.

2. Officers

A. Chair, Deborah H. Cook, deborahcook72@gmail.com

1. The December Meeting/Social will be at the Yardley Inn.
2. Discussion of the Volunteer of the Year Award. Email nominations to the Chair.
3. National's deadline for submissions is December 15th. The Board will e-vote.

B. Chair-Elect, Elizabeth Wagoner, ewagoner22@gmail.com

Finalizing plans for 2018.

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

No report.

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

No written report.

Reimbursements received from National.

Note – December 8th is the deadline for submission of reimbursement requests to the Philadelphia Section.

E. Past Chair's Report, Rick Ewing, ewingwre@comcast.net

No report

2. Committees

A. Budget and Finance Committee, Victor J. Tortorelli, vtortorelli@ursinus.edu

Explanation of new budget form compliant with National's practices. Discussion

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

1) Career Services continues to support the Section with its planning for the January 19th monthly Section meeting at the Yardley Inn in Yardley, PA. The BioPharma Networking Group has dropped out of participating in the event due to funding concerns and the ChemPharma Professional Association remains and has ensured full commitment to the event and its success. ChemPharma has arranged for Allen Reitz of the Fox Chase Chemical Diversity Center, which is located at the Pennsylvania Biotechnology Center in Doylestown, PA, to give informal comments about his company as well as the Pennsylvania Drug Discovery Institute, both located at the Pennsylvania Biotechnology Center. The event will also include introductions of ChemPharma and the Section as well as ample time for informal networking. Deb Cook and Joe Martino express the Section's gratitude to Michael Chiappinelli and Bert Marchio of ChemPharma for assisting us in making this event possible.

2) Career Services is currently working with the ACS Princeton and Trenton Section for a multi-Section career event, with a tentative date of April 22, 2017 with a venue to be determined. The event will feature the "Finding Your Pathway" ACS Career Pathways workshop followed by a panel discussion of representatives from the individual paths. Based on an assessed risk of displaced chemists in New Jersey and potential displacements in the Section's territory, an assessment of requesting the involvement of ACS National for this workshop is currently being assessed in addition to grant funding.

3) The Career Club program will be revisited in 2017, with an appointment format to be utilized. The Career Club has been postponed to support the Temple University College of Science and Technology Career Fair events in September and October of this year.

C. Communications Committee, Liliana Suarez, liliana.y.suarez@gmail.com

Discussion of continuing the services of Robin as *Catalyst* editor and Matt as Webmaster.

Approved with 0 nays and 0 abstentions.

Discussion of *the Catalyst's* advertising agent. While the Section continues to receive payments from the advertising agent, there are no responses to emails. Advertising revenues continue to decline. There was a consensus as to the need to explore other advertising agents.

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

Report submitted electronically.

The E&O Committee has 35 members.

Events and Status

1. National Chemistry Week, Project Coordinator: Bill Smith (willsmith2@aol.com)

a. NCW materials from National were distributed to:

- WCC programming
- YCC for Harry Potter Chemical Demonstrations at Chestnut Hill College
- Solvay Chemical in Bristol to support their NCW outreach

b. NCW Illustrated Poem Contest

1st Place grades 9-12 (\$50 and certificate), Audrey Coughlin – Merion Mercy Academy

2nd Place grades 9-12 (\$25 and certificate), Allison Cho – Conestoga High School

1st Place grades 6-8 (\$50 and certificate), Joey Pennewill – Northley Middle School

2nd Place grades 6-8 (\$25 and certificate), Lana Rose Beurklin - Northley Middle School

- Total participants: 84
- All participants receive Honorable Mention certificate if not 1st or 2nd Place
- 1st Place winners submitted to National for judging at that level. Results not back yet.
- Section Volunteer Judges: Christine Coccozza, Katherine Davis, Lindsay Davis, Steve Fleming, Louis Gotlib, Alan Heldon, Craig McClure, Tova Samuels

2. Project SEED, Project Coordinator: Lee Hoffman (wh28@drexel.edu)

One current venue – Solvay in Bristol, Solvay prepared a press release concerning our Section's recent Project SEED graduates and their work at Solvay. This press release went out to *C&EN* and to the *Philadelphia Inquirer* and other publications.

3. Herb Bassow Memorial Chemical Demonstrations, Project Coordinators: Jaskiran Kaur (jkaur@temple.edu), Daniele Ramella (daramella@gmail.com)

Temple University, Beury Hall

Wednesday, December 13, 2017, 11 AM to 2 PM

A GotoMeeting.com planning conference was held on October 25th.

The Coordinators have solid plans to include Philadelphia students and to grow audience participation.

4. National Chemistry Olympiad, Project Coordinators: Laura Grande (grandel1@lasalle.edu), Craig McClure (cpm76@drexel.edu)

2018 planning underway.

5. Philadelphia Science Festival, Project Coordinators: James Brooks (jbrooks165@gmail.com), Tom Umile (umile.t@gmercyu.edu)

April 2018 Planning underway.

C. Tellers Committee, Jason Cross, jpc359@drexel.edu

The Tellers Committee Report of the result of the Section Election was accepted without vote. There was a discussion on the need to improve candidate pre-election practices.

F. Younger Chemists Committee, Christine McInnis, mcinnis@gmail.com

The YCC website has a new look.

The YCC has a new calendar with a number of good maintenance features.

New email addresses: info@PhillyYCC.org and postersession@PhillyYCC.org.

The Poster Session will be handled by YCC Temple on April 10, 2018.

The YCC needs banner/tablecloths and their purchase was discussed.

G. Women Chemists Committee, (PAGES™), Kathy Shaginaw, Katt@verizon.net

Another successful PAGES™ event was held on November 4th, with 125 girls from 27 schools and 57 volunteers. The keynote speaker was Dr. Stacey Barnaby of the Dow Chemical Company. My sincere thanks to all of the volunteers for participating. The next PAGES™ event is April 7, 2018.

There being no additional business before the Board, the meeting, on motion, was adjourned at 5:27 PM.

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

695th BOARD OF DIRECTORS MEETING

December 12, 2017

Yardley Inn, Yardley, PA

Present: David Cichowicz, Deborah Cook, Ella Davis, Anne DeMasi, Rick Ewing, Alan Heldon, Kathie Lysko, Joseph A. Martino, Christie McInnis, Kathleen Thrush Shaginaw, James Tarver, Elizabeth Wagoner

Absent: Judy Summers-Gates

Excused: Michael Castaldi, Melissa Cichowicz, Jason Cross, Lee Hoffman, Craig McClure, Victor J. Tortorelli

Also present: CJ Bruner, Liliana Suarez, Sharon Haynie, Flory Wong

The 695th Board Meeting of the Philadelphia Section, ACS, was called to order at 6:05 PM. A quorum was present. (11)

1. Minutes of the November Board Meeting were not submitted.

2. Officers

A. Chair, Deborah H. Cook, deborahcook72@gmail.com

1. Discussion of Holiday Gratuities tabled until later in meeting.
2. Personal thank you from the Chair to the many volunteers who made successes of the Section's many events in 2017.
3. Discussion of the Volunteer of the Year Award.

Several members have been nominated for the Volunteer of the Year Award: As David Cichowicz was one of the nominees, he recused himself from further Award proceedings.

Discussion of qualifications of the several nominees and award options.

On motion – David Cichowicz to receive Volunteer of the Year Award and Marge Mathews to receive Salute to Excellence Award.

Pass with 0 nays and 1 abstention.

Need to determine best presentation date.

B. Chair-Elect, Elizabeth Wagoner, ewagoner22@gmail.com

Thank you(s) for help preparing for events in 2018.

January 18, 2018 Meeting Yardley Inn.

February 15, 2018 Meeting at Dad's Hat Distilling in Bristol, PA.

March 15, 2018 (Note - Third Thursday) Edgar Fahs Smith Lecture, Chemistry Department, U. of PA.

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

No report.

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

No Treasurer's report.

The 2018 budget report is being finalized and will be submitted at the January 2018 Board Meeting.

E. Past Chair's Report, Rick Ewing, ewingwre@comcast.net

No report.

2. Committees

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

1) Career Services is currently coordinating with Philly YCC and the ACS BIOT Mid-Atlantic Student Chapter for a career event, with more details pending as discussions progress.

2) The Career Club will resume in 2018 on a quarterly basis. Specific dates will be determined once room has been reserved at the Community Center of the Giant Super Food Store in Willow Grove, Pennsylvania.

3) Career Services is planning a strategic meeting to be held in person in 2018, pending further information from ACS National regarding the future direction of the ACS Career Consultant program.

B. Communications Committee, Liliana Suarez, liliana.y.suarez@gmail.com

1) The Committee's e-report for 2017 was reviewed and discussed at length.

Members: Robin Davis was the Editor-in-Chief of *the Catalyst*, and Matthew Bodek was the Section's Webmaster for 2017. Committee members during 2017 were: Anthony Addison, Georgia Arbuckle-Keil, Matthew Bodek, Robin Davis, Corrie Kuniyoshi, Kendra Luther, Marge Matthews, Victor Tortorelli, Alan Warren, Alan Heldon and Liliana Suárez (Committee Chair since March 2017).

Meetings: The Committee met four times during 2017.

Activities:

- During 2017 *the Catalyst* continued to be published electronically with notifications, containing a hyperlink to download and/or read the issue, being emailed to the Section members when the next issue becomes available.
- The notifications have included Career Services and YCC content.
- Two notifications were sent to the women of the Philadelphia Section requesting volunteers for the PAGES™ program being held in April and November.
- In October a notification was sent concerning the annual Section election.
- The Section's website is updated by the Webmaster as needed to keep it current.
- Section's Twitter account has been updated.

Selected Achievements:

- Developed and implemented protocols for issue management and content submission, and implemented cloud-based sharing of editorial materials.
- The Section's Twitter account is being further developed.
- Trademark protection for the name "*the Catalyst*" was renewed for the marks use in printed materials Applications to extend trademark protection to electronic and internet-based uses of "*the Catalyst*" were submitted to the US Patent and Trademark Office.

Key Committee Objectives for 2018

- Revamp the Section's web presence. Create a new website (PhilaACS.org) that is highly functional, easy to navigate on mobile devices, and vibrant
- Streamline construction of the Section events calendar.
- Continue developing the content submission process.
- Increase the Section social media presence.
- Improve Section advertising revenues.

2) Discussion on the redesign of the Section web site.

3) Discussion of the role of the Section's "Mission Statement" in the context of social media.

4) Discussion of the role of social media furthering Section objectives.

C. Younger Chemists Committee, Christine McInnis, mcinnis@gmail.com

Some of the younger members who ran for Director positions are looking to get involved and so might be amenable to recruiting to Section committees and events. Contact them.

Discussion of funding for giveaway items for outreach events.

D. Council Affairs Committee, Anne DeMasi, anne.demasi@lanxess.com

1) Since the election of Councilors is complete the Councilors will elect a Chair of the Councilor Affairs Committee for 2018.

2) Report and discuss Councilor organizational functions.

E. Women Chemists Committee (PAGES™), Kathy Shaginaw, Katt@verizon.net

The next PAGES™ event is April 7, 2018. Speaker: Heather Kostick (Drexel U.)

3. Other Business

A. Gratuities

Annual gratuities to Section employees and others were discussed.

Motions were discussed and passed to pay the above-gratuities

The need to continuing paying certain gratuities is to be examined.

Please note - Pursuant to Section policy, private financial information is withheld from the Section Board Minutes published in *the Catalyst*. The complete minutes of the December 2017 Board Meeting may be inspected at the Section office by prior arrangement.

There being no additional business before the Board, the meeting, on motion, was adjourned at 7:27 PM.

Respectfully submitted,

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

696th BOARD OF DIRECTORS MEETING
January 18, 2018
Yardley Inn, Yardley, PA

Present: David Cichowicz, Melissa Cichowicz, Deborah Cook, Ella Davis, Rick Ewing, Erin Fruchey, Sharon Haynie, Alan Heldon, Kathie Lysko, Joseph A. Martino, Christie McInnis, James Murray, Kathleen Thrush Shaginaw, Victor J. Tortorelli. Elizabeth Wagoner, Michael Vogel

Absent: Lee Hoffman

Excused: Jason Cross, Anne DeMasi, Flory Wong

Also present: CJ Bruner

The 696th Board Meeting of the Philadelphia Section, ACS, was called to order at 4:09 PM. A quorum was present.

1. Resignation of Director and Appointment of New Director

The resignation of James Tarver has been received and the Board informed by email. The Section Bylaw requirements for appointment of a New Director were reviewed. The runner-up candidate from the immediate past directorial election who is indicated under the Bylaws' requirements is Michael Vogel, who has indicated his willingness to serve. Pursuant to a motion Michael Vogel was appointed to the office of Director with 0 nays and 0 abstentions.

Director Vogel joined the meeting.

2. Minutes of the November Board Meeting were submitted and approved with 1 nay and 2 abstentions.

3. Officers

A. Chair, Elizabeth Wagoner, ewagoner22@gmail.com

1. March 15th Edgar Fahs Smith Lecture, University of Pennsylvania
2. Project SEED applications due soon. This year is the 50th anniversary of SEED. Candidate nominations welcome. National is pushing for more Project SEED students. Discussion of student hosting requirements.

B. Chair-Elect, Flory Wong, flory.wong@gmail.com

No Report.

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

The Philadelphia Section, following the example of other Sections, has developed an "Announcement" of Section events to be distributed electronically to non-members who might be interested in any of our events. Distribution will be to contiguous Sections, universities, schools, professional organizations, others.

Composing and distributing the Announcement will be under Public Relations.

The email address of suggested recipients welcome.

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

No Treasurer's report.

The 2018 budget report will be submitted under Budget and Finance.

E. Past Chair's Report, Deborah H. Cook, deborahcook72@gmail.com

1. "Annual Reports" due February 15th. Forms Available online.
2. Chemluminary Awards for outstanding event consider nomination, also self-nomination. Consider also the many committee awards. The Section needs to tout itself.

4. Committees

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

1) Career Services is currently coordinating with Philly YCC and the ACS BIOT Mid-Atlantic Student Chapter for a career event. The event will consist of a "one-stop-shopping" career event, consisting of a speed networking station with industrial and HR representatives, a station for resume reviews, and a station for mock interviews. A local immigration attorney will be approached to provide *pro-bono*, one-off legal advice for those who need it. All of this will be fed through a networking area where constant networking will take place throughout the event. The event will take place in the Fall and will be an evening event. Venues to be considered will be the University of Pennsylvania, Drexel University, Temple University and Villanova University. Doug Gisewhite and Mike Vogel of Philly YCC and Kelsey O'Donnell of the ACS BIOT Mid-Atlantic Student Chapter are the co-coordinators of this event in conjunction with Career Services.

2) Lori Spangler of Career Services has reserved space at the Community Center of the Giant Super Food Store for our 2018 Career Club. The club will be held on Wednesday, February 28th; Tuesday, May 15th; Thursday, July 26th and Wednesday, October 17th. Local ACS Career Consultants will be utilized for the event.

3) Career Services is planning a strategic meeting to be held in person in 2018, pending further information from ACS National regarding the future direction of the ACS Career Consultant program. No information from ACS National was received at this time.

4) Dennis Murphy of Career Services has been approved to serve as an ACS Career Consultant. This now gives the ACS Philadelphia Section four ACS Career Consultants local to the Section, which also includes Lori Spangler, Christie McInnis and Joe Martino. Congratulations to Dennis!

B. Budget and Finance Committee, Victor Tortorelli, vtortorelli@ursinus.edu

2018 Budget introduced and discussed.

An amendment to the Budget for \$251 for use by Member Affairs Committee to purchase software was defeated.

On motion, the 2018 Budget was approved with 1 nay and 0 abstentions.

C. Younger Chemists Committee, Christine McInnis, mcinnis@gmail.com

1. Christine continuing as Co-Chair.
2. Volunteers needed to distribute ACS event posters to universities.
3. YCC will be hosting a "Twitter War" in February.
4. The YCC Calendar is getting a lot of non-section events. Send Section event information.
5. A discussion of funding for Leadership Training was tabled for further consideration.

3. Other Business

There being no additional business before the Board, the meeting, on motion, was adjourned at 5:31 PM.

Respectfully submitted,

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

DIRECTORY OF SERVICES

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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/Information
Wednesday, March 7 4 – 6 PM	ACS Philadelphia Career Club	The Community Center of the Giant Super Food Store 315 York Road Willow Grove, PA 1909 Registration and additional information is available at https://www.eventbrite.com/e/acs-philadelphia-section-career-club-tickets-42043722907
Thursday, March 8 5 PM Networking 6:15 PM Program	Joseph Priestley Symposium <i>Exploring the Public Perception of the Chemical Enterprise</i>	Science History Institute (formerly Chemical Heritage Foundation) 315 Chestnut Street Philadelphia, PA 19106 Registration required: https://www.eventbrite.com/e/joseph-priestley-society-symposium-exploring-the-public-perception-of-the-chemical-enterprise-tickets-41872297168
Monday, March 12 6 PM Social Hour 7 PM Talk	Delaware Valley Mass Spectrometry Discussion Group March Meeting, Dr. Guodong Chen, Bristol-Myers Squibb - <i>Harnessing the Power of Mass Spectrometry in Biologics Discovery: Recent Developments and Future Directions</i>	154 Mendel Hall, Villanova University, Villanova, PA. Please RSVP to Xi Qiu (XQiu2@its.jnj.com) by 3/8/18 Additional information is available at www.dvmsdg.org
Wednesday, March 14 5:30 PM Networking 6:30 PM Dinner 7:30 PM Talk	Chemical Consultants Network Meeting Connie Holt – <i>Nutrition for Chemical Consultants</i>	The Cynwyd Club 332 Trevor Lane Bala Cynwyd, PA 19004 Registration and additional information is available at http://chemconsultants.org/event-2821129
Thursday, March 15 6 – 8 PM	Philadelphia ACS Section Meeting Edgar Fahs Smith Lecture and Award John Hartwig, University of California, Berkeley	Chemistry Department - University of Pennsylvania Carolyn Hoff Lynch Lecture Hall 34th and Spruce Streets Philadelphia, PA See the March <i>Catalyst</i> for details
March 18-22, 2018	255 th American Chemical Society National Meeting and Exposition New Orleans, LA	https://www.acs.org/content/acs/en/meetings/national-meeting.html?sc=meetings_170818_mtg_NO18_od
Thursday, March 29 6:30 PM Social Hour 7:30 PM Seminar	Philadelphia Organic Chemists' Club Tehshik Yoon (University of Wisconsin - Madison) - <i>Stereochemical Control in Photochemical Reactions</i>	Chemistry Department - University of Pennsylvania Carolyn Hoff Lynch Lecture Hall 34 th and Spruce Streets Philadelphia, PA http://www.pocclub.org/
Tuesday, April 10 6 – 9 PM	18 th Annual YCC Poster Session	The Science and Education Research Center (SERC) Center Temple University 1925 N. 12 th St., Philadelphia, PA, 19122 Sign up to present a poster or be a judge at https://www.eventbrite.com/e/acs-ycc-poster-session-and-grad-schoolcareer-fair-tickets-42112412359
Sunday, June 3	2018 Mid Atlantic Regional Meeting - <i>NanoMARM-Small Meeting-Big Results a One-Day Meeting for the Mid-Atlantic Region</i>	Iacocca Hall, Lehigh University 111 Research Dr, Bethlehem, PA 18015 http://marmacs.orf/2018/index.html
Please check the individual websites for additional updated information All content submissions are due on the 15th day of the month prior to publication		

**August 19-23, 2018
256th American Chemical Society National Meeting and Exposition
Boston, MA**

<https://www.acs.org/content/acs/en/meetings/national-meeting/about/future-meetings.html>