

# *the Catalyst*



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

November 2016  
Volume 101, No. 10



**Ulliyot Lecturer**  
**November 10, 2016**  
**Chemical Heritage Foundation**  
**Sir James Fraser Stoddart**  
**Northwestern University**

## HIGHLIGHTS

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## ADVANCE NOTICE

**JANUARY MEETING**  
**Thursday, January 19, 2017**  
**Joint Meeting of the Philadelphia Section ACS,**  
**Bio Pharma Networking Group, and the**  
**Chem Pharma Professional Association**

Yardley Inn  
82 East Afton Ave.  
Yardley, PA 19067

Registration Opens November 7, 2016

<https://www.eventbrite.com/e/january-meeting-tickets-28668132155>

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

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Published monthly except July 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 34<sup>th</sup> Street, Philadelphia, PA 19104-6323 or PhilaACS@gmail.com.

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## Comments From the Chair



This is my last *From the Chair* for the year as the November edition of *the Catalyst* is the last for 2016. Most importantly I want to thank you, the members of the Philadelphia Section, for electing me to a second term as Chair of the Section. Having the experience of being Chair in 2012 served me well in taking on the Chair responsibility for 2016.

### Dr. Rick Ewing

As I reflect on this year, the Section had many well-attended events with exceptional presenters. In the category of lectureships, we held two Philadelphia Section Award Lectures recognizing the 2015 recipient Donna Huryn (U. Penn.) in January and the 2016 recipient Anthony Addison (Drexel) in October. The Edgar Fahs Smith lecture, the longest running chemistry lectureship in the country, was given by George Schatz (Northwestern University). The final lecture of the year, the Ulliot Lecture, will be held this month at the Chemical Heritage Foundation. We are truly fortunate to have Sir James Fraser Stoddart (Northwestern University), the 2016 Nobel Laureate, as lecturer. The Ulliot Lecture will be among his first lectures after his Nobel Prize announcement.

The Section continues to have a very strong awards program. The April Section meeting recognized top chemistry students from the 28 colleges and universities in the Section with Joe Martino (Career Services) giving a presentation on careers and career resources. The 2016 Excellence in pre-College teaching awardee Ms. Dana L. Puskas (Neshaminy High School) and Undergraduate teaching awardee Dr. Maryellen Nerz-Stormes (Bryn Mawr College) were recognized in May at the University of the Sciences. Dr. Charles W. Bamforth gave an entertaining and informative lecture on *The Captivating Chemistry of Beer* as part of the event. As well, 218 Award Certificates were sent to high schools within the Philadelphia ACS boundaries to recognize student Scholastic Achievement in Chemistry.

Other Section events for the year were the Young Chemists Committee (YCC) poster session held at the University of the Sciences and we celebrated our 50- and 60-year members with a lunch and museum tour at the Chemical Heritage Foundation in June.

In August, Philadelphia was host to the 252<sup>nd</sup> American Chemical Society National Meeting & Exposition. The meeting drew nearly 15,000 attendees! The members of the local section were actively involved through participation in the local section booth, leading networking activities, hosting symposia, and participation in ACS committees and Divisions.

The Philadelphia Section is now the 2<sup>nd</sup> largest local section in the country, although our number of members has declined since 2012. We have reached this distinction by having higher retention of members relative to other large local sections. The board remains actively involved in creating opportunities for members to participate and network with other chemists in the Section and continues to identify out-reach programs to raise awareness of the important role that chemistry plays in society. Ideas from you, our membership, are highly welcomed! Please send any ideas or comments you have to [PhilaACS@gmail.com](mailto:PhilaACS@gmail.com). With declining membership, the

board has found ways to reduce operating costs. These reductions in operating costs have allowed for continued funding of topical groups, Section meeting events, awards and member services. In addition, we have obtained several notable grants in 2016, such as a grant for media recording of Section events, grants for the Section's programs during the ACS National meeting and a grant to YCC to host a leadership development course for young chemists. We also have been fortunate to have generous donations from our membership to support the activities of the Section. If you have interest in donating to the Section, please email the Section at [PhilaACS@gmail.com](mailto:PhilaACS@gmail.com) or call (215) 382-1589.

Respectfully, Rick Ewing

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## **NEWS ATOMS—*Alan Warren***

**Mark Lemmon**, adjunct professor of biochemistry and biophysics at Penn, was elected a Fellow of the Royal Society of London for Improving Natural Knowledge. He was formerly chair of the department of biochemistry and biophysics at Penn's Perelman School of Medicine.

**Gary A. Molander**, professor of chemistry and department chair at Penn, received the Paul G. Gassman distinguished service award from the ACS division of organic chemistry.

### **DEATHS**

Not previously reported, **Merrill M. Smith**, retired chemical engineer, February 1, 2014 at age 88. He worked for 54 years at Congoleum Corporation, retiring in 2006 as vice president of technology.

**John W. "Jack" Hoopes, Jr.**, retired chemical engineer, June 16, 2016 at age 94. After teaching engineering at Columbia University for four years he joined Atlas Powder, now Astra Zeneca. He worked on deriving sorbitol from sugar. He ultimately became director of chemical engineering and retired after 26 years. He then taught engineering at Widener University for 18 years.

**Ralph W.F. Hardy**, biochemist, August 2<sup>nd</sup> at 82. After spending three years as assistant professor at the University of Guelph, Ontario, he joined DuPont as a research biochemist and rose to research supervisor, associate director, and director of life science. He then served as president of Bio Technica International from 1984 to 1986 followed by president and chief executive officer of Boyce Thompson Institute 1986-1995.

Hardy was a board and committee member in several areas for the National Research Council, a member of the committee on genetic experimentation of the International Council of Scientific Unions, and chairman and founder of the North American Agricultural Biotechnology Council. He was a member of advisory committees for the United States Department of Energy, the United States Department of Agriculture, and Canada's Natural Sciences and Engineering Research Council.

**Harold Frederick Wilson**, research chemist, September 12<sup>th</sup> at 94. He spent his career at Rohm and Haas as research scientist, laboratory head, vice president and director of research.

**Arnold E. “Bud” Denton**, retired biochemist, September 18<sup>th</sup> at 91. He joined Swift & Company’s pet food division in 1953 and later served as head of the firm’s biochemistry division. He then joined Campbell Soup Company in 1958 as director of its research division, rising to vice president, and retiring in 1990.

He then became professor in the food science department of Purdue University for three years. Denton served in an advisory capacity for Technical Assessment Systems, Inc., Rutgers University, the Monnell Chemical Senses Center at Penn, and the sports medicine committee for the US Figure skating Association.

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## **LOCAL SECTION DUES**

**Local Section dues are included as part of your national ACS membership and subscription renewal notice.**

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**NOVEMBER MEETING**

Board of Directors Meeting  
Chemical Heritage Foundation  
(Othmer Alcove Conference Room)  
4:00 - 5:00 PM

**Ulliyot Public Affairs Lecture**

Thursday, November 10<sup>th</sup>  
6:00 - 8:00 PM

Sir James Fraser Stoddart,  
2016 Nobel Laureate in Chemistry  
presents  
*Mingling Art with Science*

Chemical Heritage Foundation  
315 Chestnut Street  
Philadelphia, PA 19106

Lecture 6:00 PM  
Reception 7:00 PM

The Lecture and Reception are Free

More Information at  
<https://www.chemheritage.org/event/ullyot-public-affairs-lecture-sir-james-fraser-stoddart>

## **SPEAKER'S BIOGRAPHY**

### **Sir James Fraser Stoddart**

Northwestern University

Sir James Fraser Stoddart, a Board of Trustees Professor of Chemistry at Northwestern University, is a pioneer in the fields of supramolecular chemistry and nanotechnology. His work has personally benefited from interdisciplinary study, as his explorations of art history and topology helped him better understand and explain molecular knots. The fruits of these labors resulted in his now well-known cartoon-style depictions, published along with his research, that use distinctive colors to clearly represent different parts of the molecule. In 2016 he was awarded the Nobel Prize in Chemistry jointly with Jean-Pierre Sauvage and Bernard L. Feringa for the design and synthesis of molecular machines.

Fraser Stoddart (b. 1942) received his BSc (1964) and PhD (1966) from Edinburgh University. In 1967, he went to Queen's University (Canada) as a National Research Council Postdoctoral Fellow, and then, in 1970, to Sheffield University as an Imperial Chemical Industries (ICI) Research Fellow, before joining the academic staff as a Lecturer in Chemistry. He was a Science Research Council Senior Visiting Fellow at the University of California, Los Angeles (UCLA) in 1978. After spending a sabbatical (1978-81) at the ICI Corporate Laboratory in Runcorn, he returned to Sheffield where he was promoted to a Readership in 1982. He was awarded a DSc by Edinburgh in 1980 for his research into stereochemistry beyond the molecule.

In 1990, he took up the Chair of Organic Chemistry at Birmingham University and was Head of the School of Chemistry there (1993-97) before moving to UCLA as the Saul Winstein Professor of Chemistry in 1997. In July 2002, he became the Acting Co-Director of the California NanoSystems Institute (CNSI). In May 2003, he was appointed the Director of the CNSI and assumed the Fred Kavli Chair of NanoSystems Sciences. He stood down from the former in July 2007 and relinquished the latter in December 2007 in order to join the faculty at Northwestern University as a Board of Trustees Professor of Chemistry on January 1, 2008. On March 1, 2008, he was appointed an Emeritus Professor of Chemistry at UCLA. He is also Director of the Center for the Chemistry of Integrated Systems (CCIS) at Northwestern University.

Stoddart is one of the few chemists of the past quarter of a century to have created a new field of organic chemistry — namely, one in which the mechanical bond is a pre-eminent feature of molecular compounds. He has pioneered the development of the use of molecular recognition and self-assembly processes in template-directed protocols for the syntheses of two-state mechanically interlocked compounds (bistable catenanes and rotaxanes) that have been employed as molecular switches and as motor-molecules in the fabrication of nanoelectronic devices and NanoElectroMechanical Systems (NEMS).

## CALL FOR NOMINATIONS



### **The 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 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 2017 will be accepted until February 17, 2017.**

#### **Award for Excellence in Pre-College Teaching Nomination Packet Requirements**

- A **Nominator Recommendation** of not more than 750 words submitted by the nominator according to the guidelines outlined on the Recommendation Form.
- A **current curriculum vitae or resume** that includes a list of the nominee's honors, professional activities, and additional evidence of service to the profession. This must be limited to no more than two pages and the activities listed must have occurred within the past five years.
- A **statement by the nominees** of not more than 500 words that describes the nominee's teaching philosophy or commitment to the profession.
- **At least one, but not more than three, letters of support.** One letter, of no more than 400 words, must be from the teacher's current principal or supervisor. Additional letters of support, of no more than 400 words, may be sent by colleagues, members of the American Chemical Society who are familiar with the nominee's achievements, or former students and parents of former students.

The total nomination package should not exceed 30 pages. The nomination package may be emailed to [PhilaACS@gmail.com](mailto:PhilaACS@gmail.com) or a copy of the nomination materials may be mailed to:

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

**The award recipient will be honored at our May 2017 Section meeting with a plaque and honorarium.**



**CALL FOR NOMINATIONS**



**Philadelphia Section, American Chemical Society  
AWARD FOR EXCELLENCE IN  
UNDERGRADUATE TEACHING IN THE CHEMICAL SCIENCES**

The Philadelphia Section of the American Chemical Society will honor an outstanding undergraduate teacher 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 2017 will be accepted until February 17, 2017.** The nomination should consist of a letter of nomination, the nominee's resume and two letters of recommendation. Other supporting information, such as students' comments, is welcome. The total nomination package should not exceed 30 pages. The nomination package may be emailed to [PhilaACS@gmail.com](mailto:PhilaACS@gmail.com) or the nomination materials may be mailed to:

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@gmail.com](mailto:philaACS@gmail.com)

**The award recipient will be honored at our May 2017 Section meeting with a plaque and honorarium.**

**CHEMICAL CONSULTANTS NETWORK  
November 9, 2016 Meeting**

***RUNAWAY REACTIONS***

**Ken Rollins, CEng, FIChemE**

**DATE & TIME:** Wednesday, Nov 9<sup>th</sup>, 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:** Batch reactors are the workhorse of the chemical industries, worldwide. Many of these are operated in facilities where incidents can, and do, happen. This presentation will look at the phenomena of runaway chemical reactions in batch reactors. We'll look at some of the causes of runaway reactions. The presentation will include an examination of two fatal incidents involving runaway reactions in batch reactors. We'll look at 'what went wrong' and how these two incidents could have been avoided. Essential engineering measures will be discussed. Finally, we'll invite the audience to offer their opinions, so that we all might learn something from each other. This presentation qualifies for 1 hour of Continuing Education credit that will be awarded by eMail after attending.

**Biography:** Ken Rollins is a Chartered Chemical Engineer with 45 years experience in the EPC business. He has worked in the pharmaceuticals, chemicals, refining, wastewater, and nuclear industries; in the USA, UK, and Europe. He has been a part of commissioning teams over the years, and been team leader on occasions. He is a Fellow of the Institute of Chemical Engineers, a member of AIChE and ACS and currently a Senior Process Consultant at OSDV Engineering Inc.

**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](mailto: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, Nov 5<sup>th</sup>**. 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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AN EVENING WITH BILL CARROLL  
BY PHILADELPHIA LOCAL SECTION OF THE AMERICAN CHEMICAL SOCIETY  
NOVEMBER 15, 2016

Bryn Mawr College  
101 North Merion Avenue  
Park Science Center  
Room: Park 243  
Bryn Mawr, PA 19010

#### DESCRIPTION

Dr. William F. Carroll, Jr. holds a PhD in Organic Chemistry from Indiana University, Bloomington, IN. He retired from Occidental Chemical Corporation in 2015 after 36 years, and now heads his own company, Carroll Applied Science, LLC. He is also Adjunct Professor of Chemistry at Indiana.

Bill is a member of the Board of Directors of the American Chemical Society (ACS), having served as Chair between 2012 and 2014. He is also a Past President (2005), one of three living members to hold both offices. He is a Fellow of the AAAS and the Royal Society of Chemistry. In 2009 he was chair of the Council of Scientific Society Presidents.

*Public Transportation is available from the Bryn Mawr and Rosemont train stations. The Rosemont station is closer but offers fewer sidewalks en route to the building. Parking is free on campus after 5 PM.*

#### Schedule for the Evening

6:00 PM Dinner (wraps, chips, and cookies)

6:30 PM *Leadership, Professionalism and Personal Branding for Early Career Chemists.* Habits and perspectives developed early in your career set the tone for the way you will operate for its duration. In an era where you are less likely to remain in a job or even possibly a discipline for an entire career, how you manage yourself as a professional becomes critical.

*This talk is geared specifically for younger chemists and those considering a career change, but everyone is welcome to join.*

7:15 PM *Statistics and the Shirelles: How Physical Sciences Thinking Informs Popular Music Analytics*

Yes, that's right. It's Moneyball for popular music.

People love lists, especially lists of the "Best of All Time." So how might you get to a list of the "Best" records of all time?

We'll learn how various data, analysis, handling and thinking techniques used in the physical sciences help with the analysis.

681<sup>th</sup> BOARD OF DIRECTORS MEETING  
June 17, 2016  
Chemical Heritage Foundation, Philadelphia, PA.

Present: David Cichowicz, Deborah Cook, Judith Cohen, Jason Cross, Anne DeMasi, Rick Ewing, Alan Heldon, Christie McInnis, Cynthia Palmer Kathleen Shaginaw, William Smith, Tom Straub, James Tarver, Victor Tortorelli and Elizabeth Wagoner.

Excused: JP Northrup

Absent: Melissa Cichowicz, Ella Davis, Douglas Hausner, Judith Summers-Gates, Denise Thomas

Also Present: Joe Martino, CJ Bruner, Steve Fleming, John Tierney.

The 681<sup>st</sup> Board Meeting of the Philadelphia Section, ACS, was called to order at 2:29 PM. A quorum was present.

Prior to addressing the business of the meeting, the Secretary – Alan Heldon – presented Past-Chair Bill Smith with the Past-Chair Pin in appreciation of his time, energy and service to the Section while Chair.

**1. Minutes**

The Minutes of the April Board of Directors Meeting were submitted and, on motion, were approved. 0 nays and 0 abstentions.

**2. Officers**

- A. Chair Rick Ewing [ewingwre@comcast.net](mailto:ewingwre@comcast.net).
- Planning for the August21-25 ACS National Meeting is going well.
  - September 15 –TBD.
  - The Morris Arboretum in being considered for a future meeting.
  - October 20 – Section Awards at Drexel Univ.
  - November 10 – Chemical Heritage Foundation for Ulliot lecture
  - December 15 – Year End Holiday Dinner

Chair discussed re-examining the role of the Section's Office Administrator, and reallocating portions of the Office Administrator's workload Board Members and assessment of the minimum necessary hours of paid employment.

Chair discussed reallocation of administrative costs to groups and committees.

Chair advised that the Section's AOL email account was no longer receiving relevant emails. On motion, the Board approved discontinuing the AOL account. 0 nays, 0 abstentions.

There was discussion of changing our phone vendor to save costs. The Board approved a motion giving R. Ewing and D. Cichowicz discretion to examine the available options and plans and to select the one best suiting the Section's needs. 0 nays, 0 abstentions.

The Section's University of Pennsylvania parking permit, costing \$2500.00 annually, expires June 2016. The Board affirmed the decision to not renewing the permit.

- B. Chair-Elect Deborah H. Cook [deborahcook72@gmail.com](mailto:deborahcook72@gmail.com).  
Tony Addison will be the recipient of the Section Award. At Drexel, October Meeting.

MARM CHEMAGINATION report  
MARM will be in Hershey, Pa. in 2017.  
At present, 2017 meeting programs are tentative.

- C. Secretary Alan Heldon [alan.heldon@live.com](mailto:alan.heldon@live.com).  
Using Innovative Project Grant (IPG) funds, the Section is purchasing a video camcorder, laptop computer, projector and other equipment. Please see circulated memo.  
The use of video editing software is being explored.

“Distance involvement” options are being explored.  
Video conferencing (i.e. Webinars) is being explored.  
Direct video capture and live streaming are being explored.

D. Treasurer David Cichowicz [cichowic@lasalle.edu](mailto:cichowic@lasalle.edu)  
The Treasurer’s report is deferred.

E. Past-Chair Bill Smith [willsmith2@aol.com](mailto:willsmith2@aol.com)  
Report on the status of the Section election nominations process.  
The actual dates of the Section election will depend on the date of the completion of the nominations process and the timely submission of candidate biographies.  
Ideally, voting should begin September 30<sup>th</sup>.  
Ideally, a complete slate would have been submitted for approval by the Board at this Board Meeting.

### 3. Committees

A. Career Services Joe Martino [acsphillycareerservices@gmail.com](mailto:acsphillycareerservices@gmail.com)  
Joe Martino reported on the June 2016 Career Services Committee Teleconference:

ACS Philadelphia Section Career Services Concept Statement:

To proactively assist Section members with their careers in a way that facilitates intra-member relationship building, develops personal growth, and assists in career establishment, maintenance and growth so that members can successfully manage their own satisfying and fulfilling careers.

#### SUMMARY:

- Career Services continues to build leads for its workshops. Currently there are two leads – one academic and one industrial – where Career Services may be able to offer workshops, but these are in a very early stage. The Career Services Committee has been strongly encouraged to network to find leads to assist these efforts.
- The Section Board has encouraged the members of Career Services who wish to participate in Section Board meetings to discuss the activities of Career Services to be able to do so. Currently, Joe Martino reports the activities of the Committee to the Section Board.
- The Section Board has purchased a camcorder and a laptop for the purposes of recording and/or streaming events live over the internet. Career Services has access to this equipment, and logistics for training on and transporting the equipment have yet to be settled.
- Joe Martino will be presenting the “Finding Your Pathway” ACS Career Pathways workshop at MARM at the College of Mount St. Vincent in Riverdale, New York on June 10. He will also be presenting an ACS Career Pathways workshop for the Mid-Hudson ACS Section in September 2016, with the exact workshop, date and venue to be determined.

Potential Career Services events are being explored.  
The next Career Club meeting will be in September.

B. National Meeting Update Anne DeMasi [Annesciencemom@aol.com](mailto:Annesciencemom@aol.com)

Local section booth plans were discussed. Programs for the booth include Highlights of Chemistry in Philadelphia and Highlights of Chemistry in the local area.  
In addition to the local section booth, there will be a YCC booth on the exhibit hall floor.  
The recruiting of volunteers for the section booth is going well.

There being no additional business before the Board, the meeting was adjourned at 4:05 PM.

Respectfully submitted, Alan R. Heldon, Secretary [alan.heldon@live.com](mailto:alan.heldon@live.com).

682<sup>nd</sup> BOARD OF DIRECTORS MEETING  
September 15, 2016  
Chemistry Dept. University of Pennsylvania, Philadelphia, PA.

Present: Judith Cohen, Jason Cross, Ella Davis, Anne DeMasi, Rick Ewing, Alan Heldon, Cynthia Palmer, Kathleen Shaginaw, William Smith, Tom Straub, James Tarver, Elizabeth Wagoner.

Excused: David Cichowicz, Melissa Cichowicz, Deborah Cook, Christie McInnis, Victor Tortorelli, JP Northrup

Absent: Douglas Hausner, Judith Summers-Gates

Also Present: CJ Bruner.

The 682<sup>nd</sup> Board Meeting of the Philadelphia Section, ACS, was called to order at 4:02 PM. A quorum was present.

**4. Minutes**

Submission of the June Board Meeting Minutes was deferred.

**5. Officers**

A. Chair Rick Ewing [ewingwre@comcast.net](mailto:ewingwre@comcast.net).

Recapped Philadelphia Section Booth at the August National ACS Meeting.

The Landmarks in Chemistry banners created by Chair Elect D. Cook for the local section booth at August's National Meeting will be displayed in the Chemistry Library of the University of Pennsylvania.

The Landmarks in Chemistry banners created by Chair Elect D. Cook reflect good research, good design and good execution.

The Chair introduced Krista to the Board, the Section's new Administrative Assistant.

Discussed office procedures for the High School Awards.

The Section Office is storing a number of items worthy of display including many Section Awards.

There will be a meeting to discuss archiving of past print issues of *the Catalyst* and other Section papers by U. Penn. Chem. Library.

Discussion of Section Office support of Section Election.

Discussion of using the Section's Dropbox account as a collective resource.

B. Chair-Elect Deborah H. Cook [deborahcook72@gmail.com](mailto:deborahcook72@gmail.com).

Excused. Report deferred.

C. Secretary Alan Heldon [alan.heldon@live.com](mailto:alan.heldon@live.com).

Using Innovative Project Grant (IPG) funds, the Section has purchased a video camcorder, projector and other equipment. Expenditures were reviewed. A memo was circulated prior to the meeting.

Several short videos have been created including a 2.5 minute video of Section activities at the National Meeting. The National Meeting video was played.

The equipment, software and other requirements of real time streaming of Section events are being considered.

D. Treasurer David Cichowicz [cichowic@lasalle.edu](mailto:cichowic@lasalle.edu).

Report deferred.

E. Past-Chair Bill Smith [willsmith2@aol.com](mailto:willsmith2@aol.com)

Report on nominations for Section officers. The slate for the Section election has been submitted to and approved by the Board by e-vote.

## 6. Committees

A. Tellers Committee Tom Straub [straub@lasalle.edu](mailto:straub@lasalle.edu)

Discussion, including mailing procedure for members not voting electronically.

Election deadlines must be dictated by *the Catalyst* submission cutoff date and the necessity of mailing some ballots.

Candidate biographies must be received by September 23<sup>rd</sup>.

Approved start of election beginning October 18 and ending Nov 1<sup>st</sup>.

B. Education Committee Bill Smith [willsmith2@aol.com](mailto:willsmith2@aol.com)

Reporting by telephone.

Committee has 25 members.

National Chemistry Week is October 16-22<sup>nd</sup>.

Doing outreach for Chem. Week events.

C. Younger Chemists Committee

Rick Ewing reporting on behalf of Christine McInnis

YCC received a grant for the Leadership Training program.

D. Career Services Joe Martino [acsphillycareerservices@gmail.com](mailto:acsphillycareerservices@gmail.com).

Report submitted electronically

- 1) Career Services continues to seek leads for its workshop programming, with some significant headway this past month. Efforts include:
  - a. Support by ACS Career Consultant Lori Spangler for a career event at Temple University on September 27<sup>th</sup>.
  - b. An internal discussion by a sub-group of the Career Services Committee regarding the potential of a workshop to coach recruiters on the need for accurate descriptions in job postings as well as managing the expectations of contract-to-hire employees in their quest for direct hire employment.
  - c. Support for a joint meeting between the ACS Philadelphia Section, the ChemPharma Professional Association and the BioPharma Networking Group utilizing an informal format featuring hors d'oeuvres, networking, introductions of the groups and information on Career Services. This event, part of the ACS Philadelphia Section's Monthly Dinner Meeting series, will take place in either January or February of 2017,
  - d. Collaboration between the ACS Philadelphia Section, the ACS Princeton Section and the ACS Trenton Section regarding a multi-section career event has begun. Efforts on this are in their infancy with more to report as time progresses.
- 2) Career Services has cancelled its November 15<sup>th</sup> Career Club event in order to support Philly YCC's efforts in hosting their November 15<sup>th</sup> career-based meeting featuring former ACS President Bill Carroll. Though Career Services strongly supports this event, it also has a concern that multiple Career Services events have conflicted with YCC events due to communication concerns. Career Services will be working with YCC to ensure better communication between groups.

PAGES™ November 5<sup>th</sup> at Chestnut Hill College PAGES™ Needs Volunteers.

Contact: Kathy Shaginaw [katt@verizon.net](mailto:katt@verizon.net)

There being no additional business before the Board, the meeting was adjourned at 5:25 pm.

Respectfully submitted, Alan R. Heldon, Secretary [alan.heldon@live.com](mailto:alan.heldon@live.com).

# DIRECTORY OF SERVICES

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- Companies for laboratory and management positions
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- Hospitals for technical and research personnel

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- [www.mboservices.net](http://www.mboservices.net)
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Committee details can be found at:

[www.membership.acs.org/p/philadelphia](http://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**

<b>Date and time</b>	<b>Event</b>	<b>Location</b>
Saturday, Nov. 5 9:00 AM – 1:30 PM	The Philadelphia Area Girls Enjoying Science™ (PAGES) Mini-Conference for 6 <sup>th</sup> Grade Girls	Chestnut Hill College 9601 Germantown Avenue Philadelphia, PA 19118 <a href="http://www.PAGESprogram.org">www.PAGESprogram.org</a>
Thursday, November 10 11:30 AM - 2:00 PM	Joseph Priestley Society Presenter: T. Alan Hatton <i>Mens et Manus: One Hundred Years of MIT's School of Chemical Engineering Practice.</i>	Chemical Heritage Foundation 315 Chestnut Street Philadelphia, PA 19106 <a href="http://www.chemheritage.org/event/joseph-priestley-society-t-alan-hatton">www.chemheritage.org/event/joseph-priestley-society-t-alan-hatton</a>
<b>Thursday, November. 10 6:00 – 8:00 PM</b>	<b>2016 Ulliot Public Affairs Lecture, Sir James Fraser Stoddart, <i>Mingling Art and Science</i></b>	<b>Chemical Heritage Foundation 315 Chestnut Street Philadelphia, PA 19106</b> <a href="https://www.chemheritage.org/event/ullyot-public-affairs-lecture-sir-james-fraser-stoddart">https://www.chemheritage.org/event/ullyot-public-affairs-lecture-sir-james-fraser-stoddart</a>
Tuesday, November 15 5:45 PM – 8:45 PM	An Evening with Bill Carroll. The former ACS President, will be presenting two talks: <b>6:30 PM: <i>Leadership, Professionalism and Personal Branding for Early Career Chemists</i></b> <b>7:15 PM: <i>Statistics and the Shirelles: How Physical Sciences Thinking Informs Popular Music Analytics</i></b>	Bryn Mawr College Park Science Center Room: Park 243 101 North Merion Avenue Bryn Mawr, PA 19010 Registration \$15 at <a href="https://www.eventbrite.com/e/an-evening-with-bill-carroll-tickets-27798855124">https://www.eventbrite.com/e/an-evening-with-bill-carroll-tickets-27798855124</a>
Thursday, December 1 8:00 PM	Fox Chase Chemical Diversity Center Lecture, Philadelphia Organic Chemists' Club, Professor Timothy M. Swager, <i>Synthesis of Designer Materials</i>	Carolyn Hoff Lynch Hall Department of Chemistry University of Pennsylvania Philadelphia, PA <a href="http://www.pocclub.org/">http://www.pocclub.org/</a>
<b>Thursday, January 19 5:30 PM</b>	<b>Joint Meeting of Philadelphia Section ACS, Bio Pharma Networking Group, and the Chem Pharma Professional Association</b>	<b>Yardley Inn 82 E. Afton Avenue Yardley, PA 19067</b> <a href="https://www.eventbrite.com/e/januart-meeting-tickets-28668132155">https://www.eventbrite.com/e/januart-meeting-tickets-28668132155</a>
Thursday, January 26 8:00 PM	The GSK lecture at POCC, Prof. Karl A. Scheidt Northwestern University: <i>Pursuing the Molecular Medicine Potential of Natural Products through Precision Synthesis</i>	Carolyn Hoff Lynch Hall Department of Chemistry University of Pennsylvania Philadelphia, PA <a href="http://www.pocclub.org/">http://www.pocclub.org/</a>