A fond farewell to our Elisabeth (Libby) M. Harper, for her service of 26 years.

Pictured l to r: Dr. Katie Hunt, Mrs. Elisabeth (Libby) Harper, Dr. Deborah Cook, and Mrs. Anne DeMasi at Libby’s Retirement Dinner on September 17, 2015.

ADVANCE NOTICE

NOVEMBER MEETING

Tuesday, November 17, 2015
(Note Change in Day)

2015 Ullyot Lecture
Dr. Bruce Alberts
University of California, San Francisco
at the Chemical Heritage Foundation

See the NOVEMBER issue of the Catalyst for details, call the Section Office at (215) 382-1589 or email PhilaACS@aol.com.
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Advertising: Vince Gale, MBO Services, P.O. Box 1150, Marshfield, MA 02050,
phone: (781) 837-0424; email: cust-svc@mboservices.net.
When I assumed the responsibilities of the Chair last January, I made my first “Comments from the Chair” column about volunteerism within the Section. One of the first things that a new Section Chair becomes aware of is the complexity of the many moving parts that constitute this “Very Large Section” (as the national ACS terms us). The Executive Committee and the Board have been working hard this year to reorganize the structure of the Section in order to make it more efficient and to create more places to put volunteers to work.

Our new structure includes 14 active committees and 6 topical groups. New committees and topical groups have been created specifically to marshal the efforts of our volunteers.

The new Education and Community Outreach Committee will oversee the Section’s participation in these programs:

- ACS Scholars
- CHEMAGINATION
- Chemists Celebrate Earth Day
- The Herb Bassow Memorial Chemistry Demonstrations
- The National Chemistry Olympiad
- National Chemistry Week
- The Philadelphia Science Festival
- Project SEED.

The new Member Affairs Committee will assist the Section with program support, public relations, social activities, and social media presence.

The new Senior Chemists Committee is open to volunteers age 50 and older.

The new Industry Relations Topical Group is intended to make a place for experienced industry members and leaders to meet socially and discuss topics of mutual interest.

The structure is set and the many people who have expressed interest in volunteering with us now have a place to do so. Section members and friends of the Section who are interested in getting more involved may write to me at my contact email below to get questions answered and to be put to work doing the great chores of this great Section.

Lastly, October’s meeting will be the second industry-centered meeting this year. Please consider joining us for a fun night at Dow’s Collegeville facility on Thursday, October 15th. A wonderful meal is planned as well as a dynamic program of speakers and a tour.
Post script: We bid farewell to Libby Harper at our September meeting. Libby served the Section as our Office Administrator for 26 years and was truly the person behind the scenes of everything good that has happened in the Section for her period of time with us. Some fine stories were told and some mementos were exchanged. Finally, a gift check for $800 was presented. Thank you, Libby! Thank you everyone who made the night special!

Hail and Farewell Dinner – September 17, 2015

Picture l. to r.: bottom row: Tom and Libby Harper; top row: Rebecca Harper, Bill Rice, Daria Walsh (new office administrator) and Sharon Haynie.
OCTOBER MEETING
THE PHILADELPHIA SECTION, AMERICAN CHEMICAL SOCIETY

and

THE DOW CHEMICAL COMPANY

Dinner, Tour of Facility and Presentation
Thursday, October 15, 2015

The Dow Chemical Company
400 Arcola Road
Collegeville, PA 19426

6:00 PM

Guests must be in the building by 7 PM at the very latest. Gates automatically close at 7 PM and will only let people out after that. Proposed agenda:

6:00 - 6:30 PM – networking
6:30 - 7:00 PM – dinner
7:00 - 7:20 PM – building tours
7:20 - 8:00 PM – talk and panel discussion
By 8:30 PM, head home

Dinner cost: $20; Students with reservations & ID: $10

RESERVATIONS should be made by calling Ms. Walsh at the Section Office, (215) 382-1589, or emailing PhilaACS@aol.com by 5:00 PM, Thursday, October 8th. Cancellations, if necessary, cannot be accepted after NOON on Tuesday, October 13th. UNCANCELLED RESERVATIONS WILL BE BILLED.

PARKING: Parking: Use the visitor entrance and the visitor parking for DOW. It will be the SECOND building as you enter from route 29.

The Board of Directors will meet at 4:00 PM.
NEWS ATOMS—*Alan Warren*

**Eric J. Schelter** of the University of Pennsylvania will receive the ACS 2016 Harry Gray award for creative work in inorganic chemistry by a young investigator.

**DEATHS**

**Paul Grant Linsen**, retired chemist, August 9, 2015 at 77. He was employed by DuPont for over 30 years in marketing and sales management.

**Peter K. Mays**, drug development scientist, August 31st at 52. Born in London and educated in the United Kingdom he did post-doctoral work at Jefferson Medical College. He served as director of research and development at Collagenesis, vice president of pharmaceutical development at CheckPoint Genetics, and vice president of pharmaceutical development of FemmePharma Global Healthcare, Inc. He was also a consultant on prescription labeling for the Food and Drug Administration.

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**Tales of Lab Safety**

This event is organized by the Younger Chemists Committee and sponsored by Graham Dobereiner at Temple University. There will be snacks, door prizes, hands on activities and time for networking.

**When:** Tuesday, October 20, 2015

**Time:** 6:00 PM – 8:30 PM

**Where:** Temple University

Beury Hall, Room 166

1901 N. 13th Street
Philadelphia PA 19122 - 6081


**Note:** Joan deVastey, Lab Safety Officer at Temple University, will be attending the Webinar in a Box event at Temple to answer questions on careers in EHS.
Your ACS Council met in Boston on August 19th. The overall Boston 250th meeting attendance was 13,888. The Section was well-represented (see accompanying photo).

The Petition on Preferential Voting was approved; this allows the weighted transfer of votes amongst candidates in the event of a desired majority of votes not being garnered. For example, if there are multiple candidates for the same office to be filled and only one candidate receives a majority of first-preference votes cast, then the candidate receiving the majority shall be declared elected. The elected candidate’s second-preference votes are redistributed to the remaining unelected candidates. Additionally (or if no candidate receives a majority of first-preference votes cast), the candidate with the fewest first-preference votes is eliminated from further consideration; the second-preference votes of the eliminated candidate are redistributed to the remaining unelected candidates. The procedure continues until one candidate receives a majority. An associated modified voting procedure for President-Elect was then also approved.

A modified procedure for expulsion of a member (for behavior deleterious to the Society) was adopted.

Council approved the establishment of International Chemical Sciences Chapters for Australia, Brazil, Nigeria, Peru and United Arab Emirates.
Council Policy Committee is reviewing the ratio of Councilors for Sections vs. Divisions; currently, 80% of Councilors are from Sections and 20% from Divisions. The Society’s finances are currently “on budget” or better. The Society’s membership stands at 157K – about 7% down from a decade ago; the number of international members has increased to 26K, up by 4% from a year ago. Domestic unemployment amongst chemists is about 3%, which is lower than in the 2009-2013 period, while the Boston Careers Fair involved the lowest ratio of job seekers to jobs seen since 2008.

The ACS Report on safety in research labs (at www.acs.org/safety) had been requested by the national Chemical Safety Board (CSB), who have characterized the report as exceeding their desired guidelines.

Project SEED continues to be successful, with over 100 labs and 430 volunteers and mentors. The Younger Chemists Committee continues to be a vibrant group within the Society, and has mounted numerous national, international and local activities over the past year. Discussion continues about the public perception of Chemists and Chemistry. As one of our weaknesses seems to be in communicating what we do, ACS has a guide entitled Speaking Simply at the Chemical Ambassadors website:

http://www.acs.org/content/acs/en/volunteer/chemambassadors/aboutchemistry.html

Revision of the ACS Academic Professional Guidelines is essentially complete (not yet on ACS website as of late August).

The Board of Directors approved an increase of the member registration fee to $415 per national meeting in 2016 – a proposal that had generated much discussion and some dissent over the past year or so.

There will be a Middle Atlantic Regional Meeting June 9-12, 2016: see www.marmacs.org for information. A 2017 MARM is planned for June 4-6, in Hershey, PA. There has been discussion about an “AtlantiChem” meeting, as a complement to PacifiChem, but no firm plans exist for a potential 2018 inaugural event.

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**ACES October Program**

We are thrilled to announce the ACES (Activities for Community Education in Science) Program on **October 3rd**, 2015! This program is for students grades 3-8. Designed by graduate students in the Chemistry Department at the University of Pennsylvania, this program is meant to introduce students to the sciences with a hands-on approach, showing them that science can be fun! The students will come to the Chemistry Department at Penn, where they will split into small groups to perform a variety of science experiments, as well as discuss the concepts behind the activity. See www.acesphiladelphia.com for more information on the planned experiments and registration.
Philadelphia Area Girls Enjoying Science™ (PAGES™) Volunteers Needed

Labor Day is behind us and a new school year has started so it is time to plan another session of Philadelphia Area Girls Enjoying Science™ (PAGES™).

You are invited to participate in the Fall 2015 session of the Philadelphia Area Girls Enjoying Science™ (PAGES™) mini-conference for 6th grade girls which Chestnut Hill College will be hosting on Saturday, November 7, 2015.

A sign-up form is available at http://pagesprogram.org/pages/wp-content/uploads/2014/05/WCC-PAGES-Scientist-Sign-Up-Form-11-07-15.pdf. Please fill out the form and return via mail, FAX, or e-mail (preferred). Please return the form by October 18, 2015. If you do not get a prompt reply to your sign-up, please contact me again (we all know of the sporadic unreliability of today’s communication methods). Please provide emergency contact information — this was very important before the fall 2012 session, when Superstorm Sandy made communications more difficult and volunteers were not necessarily at their workplaces the week before the event.

As a scientist volunteer, you bring an experiment to share with three small groups of girls (4 – 7 students each). The program provides the girls with safety glasses, aprons, paper towels, gloves, and bench covers. Safety is our number one priority, so keep the experiments as safe as possible. It is better to focus on a couple of concepts, rather than overwhelm the girls with a lot of information. The girls love to take something home with them, so please provide them with a hand-out if you can.

We always welcome new volunteers to the program, so feel free to invite a co-worker or one of your students to attend.

There are important changes to the volunteer sign-up procedure! On October 22, 2014, PA House Bill 435 (PN 4225) was signed into law becoming Act 153 of 2014. As a result of this legislation, all adult volunteers having direct contact with children will need the following certifications every 60 months:
- Report of criminal history from the Pennsylvania State Police (PSP); and
- Child Abuse History certification from the PA Department of Human Services (DHS).
- FBI federal criminal history certification (this requirement is waived if the volunteer has been a resident of the Commonwealth of Pennsylvania for the entirety of the previous 10 years).

All necessary instructions and links to apply for these certifications can be found at www.dhs.state.pa.us/findaform/childabusehistoryclearanceforms/index.htm. There is no cost for the first two reports and they can be submitted online. The FBI federal criminal history certification costs $25.75 through DHS or $27.00 through Pennsylvania Department of Education (PDE). Please allow sufficient time to process these certifications (potentially more than two weeks).

"Non-resident volunteers," specifically individuals who reside in another state or country may serve as a volunteer for no more than 30 days in a calendar year as long as they provide certifications from their state or country of residence. Volunteers who reside in Pennsylvania do not have a provisional period and must obtain the above-listed certifications.

Copies of all reports need to be submitted with the completed volunteer form. Thank you so much for your cooperation with this new legislation.

We are continuing to offer the scientists participating in the program at Chestnut Hill College the opportunity to be paired up with a local 6th grade science teacher. This could help you fine-tune your project with the girls and increase the fun factor for everyone involved. Let me know if you would like to participate in this aspect of the program.
National Chemistry Week Illustrated Poem Contest

Renee Harris is the NCW Coordinator and can be contacted at rharris1004@gmail.com

Invite students in K-12 grade to express their originality in the form of illustrated poems! With the NCW 2015 Illustrated Poem Contest, children can share their enthusiasm and understanding of chemistry in the form of colorful, imaginative poems. As coordinator, you are encouraged to sponsor a poem contest in your local section. Use this customizable flyer to announce the contest within your area. Be sure to edit the flyer with your local section contest deadline, submission instructions, and any prizes you choose to award.

National Deadline — Friday, November 13

Once your local section contest has concluded, you can advance your local section winners to qualify for the National Illustrated Poem Contest! Each poem should be scanned and submitted to outreach@acs.org with a completed entry form. Don’t forget—the deadline to submit your local winners is Friday, November 13, 2015, so plan your local section contests accordingly.

National Contest Prizes

ACS will award $300 to first-place and $150 to second-place winners of the national contest in each grade category. One entry per student will be accepted for one grade category. Winners will be selected in each of the following four categories:

- K - 2nd grade
- 3rd – 5th grade
- 6th – 8th grade
- 9th – 12th grade

As always, you can contact us at outreach@acs.org with any questions about this year’s NCW celebration.

Sincerely,

Aviva M. Westheim
Volunteer Support | Member Communities
1155 Sixteenth St., NW | Washington | DC 20036
T 202-872-6096 | F 202-872-4353
www.acs.org/outreach
www.acs.org/getinvolved
CHEMICAL CONSULTANTS NETWORK

• NETWORKING SOCIAL •

at NEW DECK TAVERN
3408 Sansom St., Philadelphia
October 14, 2015

EVERYONE INVOLVED IN THE CHEMICAL, CHEMICAL ENGINEERING, BIOCHEMICAL AND BIOTECH ENTERPRISE IS WELCOME

→ Registration required, free for this event
→ CCN will spring for initial rounds of appetizers
→ Additional food and all drinks are on you

REGISTER                  DIRECTIONS & PARKING

The Chemical Consultants Network is a Topical Group of the ACS Philadelphia Section. Come and meet a diverse group of industrially experienced chemists and chemical engineers at the New Deck Tavern located an easy walk from the Chemistry and Chemical Engineering buildings of U Penn and Drexel University.

SEE YOU THERE!
670th BOARD OF DIRECTORS' MEETING  
Thursday, May 21, 2015  
University of the Sciences, Philadelphia, PA


Excused: David Cichowicz, Melissa Cichowicz, Steve Fleming, Christie McInnis, John Northrop

Absent: Ella Davis, Douglas Hausner, and James Tarver

Also present: Elisabeth Harper, Carol Jean Bruner, Joe Martino

The 670th Board Meeting of the Philadelphia Section, ACS, was called to order at 4:10 PM with a quorum present.

1. Minutes
   The April Meeting Minutes, on motion with a second, were approved, with a corrective amendment, with 0 nays and 0 abstentions. Correction: Olympiad at LaSalle Univ. on April 18th.

2. Committees
   A. Career Services, Joe Martino, acsphillycareerservices@gmail.com
      1) The May 12th Career Workshop on “Current Trends in Interviewing” was a qualified success, with four participants. This event was held at the Community Center of the Giant Super Food Store in Willow Grove, Pennsylvania. Feedback from the participants indicated that the workshop was well-received and gave quality information. Career Services will discuss ways to continue the workshop program in lieu of low attendance.
      2) The next Career Club will take place on June 2nd, with ACS Career Consultant Lori Spangler moderating the meeting. It will take place from 6 PM to 9 PM at the Community Center of the Giant Super Food Store in Willow Grove, Pennsylvania.
      3) Joe Martino will be presenting the “Finding Your Pathway” workshop on June 9th at Binghamton University in Binghamton, New York at the request of both ACS National and Binghamton University.
         Career Services is exploring ways to expand its venue.

3. Officers
   A. Chair, Bill Smith, willsmith2@aol.com
      1) The YCC had a booth at the Philadelphia Science Carnival on May 2nd on the Ben. Franklin Parkway. Demonstrations explored guar gum slime.
         The Section’s need for a greater presence during the whole week of the Science Festival was discussed. The Section’s current participation is limited to a booth at the Carnival for one day.
      2) There was brief discussion of the availability of an Innovative Project Grant. As there are currently recipients of that grant in the Philadelphia Section, a new grant application cannot be submitted until January 2016.
      3) Report on Executive Committee: The Executive Committee met on April 28th. The retirement in early September of Libby Harper and efforts to fill this vacancy were discussed by the Executive Committee. The Committee decided that, given the short time frame, all options to obtain a new Office Administrator, both from within the Section’s membership and from without, in electronic and print media would be explored simultaneously. The Board would be apprised of ongoing efforts at the June Board Meeting.
      4) The University of Pennsylvania will continue to provide the Section with an office. There was a broadly ranging discussion of issues relating to Libby Harper’s retirement, Section efforts to find a new Office Administrator and the Section’s use of its office.
      5) The September Section meeting and dinner the will honor Libby Harper.
      6) Restructuring of Section Committees: The restructuring of the Section’s various committees was discussed. There was agreement on the need to end “committees of one.” There is a need to be able to better integrate volunteers and for committees to have greater resilience and flexibility in handling changing needs.
         A new structure for the Section’s committees was presented. See endnotes. The Board discussed the labeling of the proposed committees. Some members felt the Section’s committees needed to align with ACS National’s committee structure. The merits of more structure versus simplicity of structure were discussed. It was proposed that the Education and Member Affairs Committees be used to pool and distribute volunteers.
         Further discussion and action on the committee restructuring was tabled until the June meeting.
      7) ACS National might present the Section with an “ACS President's Award for Local Section Government Affairs” in recognition of the Section’s efforts relating to National Chemistry Week in 2014.
      8) A scheduling conflict requires the date of the June Meeting be moved from June 18th to June 23rd. This meeting – to honor 50- and 60-year members – will be at the Adventure Aquarium, Camden, NJ.
It was moved and seconded that an e-blast to the Section membership announcing the change of the meeting date be sent. 0 nays and 0 abstentions.

It was moved, seconded and passed (0 nays and 0 abstentions) that the Section would pay the Aquarium’s admittance charge as well as lunch for all guests.

It was moved, seconded and not passed (2 yes, 3 nays and 0 abstentions) that the Section would pay the Aquarium’s admittance charge for all members.

B. Chair-Elect, Rick Ewing, ewingwre@comcast.net
   Report deferred.

C. Secretary, Alan Heldon, alan.heldon@live.com
   No report.

D. Treasurer, D. Cichowicz, cichowic@lasalle.edu
   No report.

4. Other Business
   A. Kathy Shaginaw, Katt@verizon.net
      PAGES™, April 18, 2015, at Chestnut Hill College was a success. 132 girls attended from 31 schools. There were 60 volunteers. The next PAGES™ will be November 7, 2015 and April 16, 2016.

   B. MARM – Chemagination, Deborah Cook reporting
      Competition was held at Princeton University. The only school from the Philadelphia Section was a high school from Cherry Hill, NJ. The quality of the papers submitted was very good.

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

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

Addendum

Proposed ACS Philadelphia Section Committee Structure
Awaiting receipt of document from Bill

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671st BOARD OF DIRECTORS' MEETING
Tuesday, June 23, 2015
Adventure Aquarium, Camden, NJ

Present: Melissa Betz Cichowicz, Deborah H. Cook, Anne DeMasi, Alan R. Heldon, Kathleen Shaginaw, William Smith, Thomas S. Straub and Victor Tortorelli

Excused: David J. Cichowicz, Rick Ewing, Steven Fleming, Christine McInnis, John (J.P.) Northrop, Cynthia Palmer, James Tarver and Denise Thomas

Absent: Judith Cohen, Ella Davis, Douglas Hausner, and Judy Summers-Gates

Also present: Elisabeth Harper, Carol Jean Bruner, Henry Walens (Senior Chemists Committee) and Deborah Fox Walsh (Project SEED)

The 671st Board Meeting of the Philadelphia Section, ACS, was called to order at 2:25 PM. A quorum was not present.

1. Minutes
   Submission of the May Board Meeting Minutes was deferred.

2. Committees
   A. Career Services, Joe Martino, acsphillycareerservices@gmail.com
1) Joe Martino submitted the following report electronically: Career Services plans to discuss ways to better service its career workshops during its next teleconference in July.

2) The Career Club held on June 2nd and moderated by ACS Career Consultant Lori Spangler consisted of one participant. Four registered in total. Lori Spangler will be investigating ACS National’s virtual career club to see if this is an appropriate forum for Career Services’ version of the Career Club.

3) Career Services will be exploring ways to better service the members of the Section. Some ideas that the Committee will be exploring will be outsourcing publicity to another Committee in the Section as well as recruitment of new members for Career Services.

B. Search Committee (ad hoc), Alan Heldon, Chair and Deborah Cook

Alan Heldon reported that an ad hoc Search Committee consisting of Alan Heldon, Christine McInnis, James Tarver, Deborah Cook and Bill Smith (ex officio) were conducting an expedited search for an Office Administrator. Expenditures to date were $1,640.00 for print advertisements and electronic bulletin board postings.

Deborah Cook reported that the Search Committee is working to develop and execute a process to fill the position of Office Administrator for the Philadelphia Section ACS. See addendum. She reported that the following has been done:

- Committee budget not to exceed $3,000 approved by BOD
- Timeline for completing recruitment process developed. See addendum.
- Advertisements and postings submitted to local media outlets including print and electronic sites
- Job description for position developed and posted on Section website
- Approximately 70-80, and counting, applications received
- Mechanism for reviewing applications and determining candidates for interview developed and in progress.
- Dates for conducting interviews identified; target dates are July 14, 15, 16, 21, 22, 23. Only one or two dates will be selected
- Recommendation for salary and benefit package under consideration and in progress to be vetted by Budget and Finance and Executive Committees before presenting to full Board for final approval
- Interview procedures and protocols are in development TBD

During discussion the Board was advised that a Salary Memorandum which discussed, inter alia, the compensation requirements for an Officer Administrator in the Philadelphia job market was in preparation. This memo, after scrutiny by the Search Committee, would be sent to the Executive Committee.

3. Officers

A. Chair, Bill Smith, willsmith2@aol.com

1) Restructuring of Section Committees:

An updated draft of the proposed new committee structure was submitted. See addendum. The proposed restructured committees reflect combining old committees doing similar functions into a single committee.

The effects of restructuring on Section activities were discussed.

The Member Affairs Committee will handle the particulars of the Section’s Social Activities and meeting programs. For further discussion in September.

Public Relations and Social Media will be coordinated by Member Affairs.

The consensus of the members present supported the proposed structure and delegation of responsibilities.

2) An Industrial Relations Topical Group is being formed. About 400 of the Section’s 4400 members are in academia, the majority are in industry.

Anne DeMasi will be the Group’s initial Chair and Tom Coyne will take over as Chair after the Group is launched.

3) The Section is forming a Senior Chemists Committee. Hank Walens will chair this committee.

4) The Section’s testimonial for Libby Harper will be September 17, 2015.

B. Chair-Elect, Rick Ewing, ewingwre@comcast.net

Report deferred.

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

No report.

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

No report.

4. Other Business

A. Anne DeMasi reporting
There will be 12 Councilors representing the Section at the Fall National ACS Meeting in Boston in August 2015. The Fall 2016 National ACS Meeting will be in Philadelphia. The Section will need volunteers to help with this event.

B. Tom Straub reporting

Education Committee sent 199 Certificates of Excellence in Chemistry to outstanding high school seniors in 191 high schools within the Section

There being no additional business before the Board, the meeting was adjourned at 3:06 PM.

Respectfully submitted,

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

Addendum

1. Search Committee Report to the Board

The Search Committee consisting of Alan Heldon, Chair, Deborah Cook, Libby Harper, Christine McInnis, James Tarver and Bill Smith, ex-officio; have been actively working to develop and execute a process to fill the position of Office Administrator for the Philadelphia Section ACS. To that end the following actions have been taken:

- Committee budget not to exceed $3000 approved by BOD
- Timeline for completing recruitment process developed
- Advertisements and postings submitted to local media outlets including print and electronic sites
- Job description for position developed and posted on Section website
- Approximately 70-80, and counting, applications received
- Mechanism for reviewing applications and determining candidates for interview developed and in progress.
- Dates for conducting interviews identified; target dates are July 14, 15, 16, 21, 22, 23. Only one or two dates will be selected
- Recommendation for salary and benefit package under consideration and in progress to be vetted by Budget and Finance and Executive Committees before presenting to full Board for final approval
- Interview procedures and protocols are in development TBD

2. Proposed Timeline for Phila Section ACS Search Committee

June 1 Chair Smith Appoints Search Committee, Names Alan Heldon Committee Chair
June 1-7 Finalize text for job posting and job description
Gather information for placing ads in local papers, websites, and other services
Circulate information to Committee for input
June 8-14 Place ads in papers and post on appropriate websites
Post job description on Section website
Identify dates Committee members are available to interview during weeks of July 14, 21, and August 3
Identify and secure place to hold interviews possibly in Chemistry Dept. at U of Penn
June 29-July17 Receive and screen applicant materials
Identify candidates for interviews
Set interview schedule
Contact candidates for interview
Prepare and finalize interview questions
July 20-31 Conduct Candidate Interviews
August 3-7 Conduct second round interviews, if necessary
Identify successful Candidate(s)
August 10-15 Contact successful candidate to offer job
Establish timeline for bringing successful candidate on board
CCN MINI-EXPO

- SIGN UP NOW -

LIMITED TO 12 DISPLAY TABLES
10 AM ~ Thursday, November 12, 2015
at the
Chemical Heritage Foundation
315 Chestnut Street, Philadelphia, PA 19106
followed by the
Joseph Priestley Society Luncheon and Talk

This is an opportunity to meet experienced, senior individuals from a wide variety of large and small chemical companies, and from the financial, consulting, and academic communities.

PARTICIPATION is $25/space
Please contact Roman Bielski to register to exhibit: bielski1@verizon.net and also please include your affiliation (CCN, CONET, AICHE-PHLA, AICHE-NJ, ETC.)

LUNCHEON is $25/person
Please contact CHF to register for the meal and talk: www.chemheritage.org

The Mini-Expo will be held in the Franklin I & II Rooms – CHF second floor. The space will be available for set-up as of 9:00 am.
BOOK REVIEW—Alain Warren


Following on Gray’s very popular earlier book The Elements, this handsomely bound “book” contains not only more details on the periodic table but also presents reproductions of historic documents and even some tangible samples of some of the elements. These items are contained in envelopes on the respective pages so that they can be removed and examined more closely. The result is an easy to understand view of the chemical elements.

The book begins with the historic background of the periodic table along with a copy of some of Mendeleev’s early notes about the table. Beginning with hydrogen and then the alkali and alkaline earth metals, each element is described along with a few properties and some of its uses. The transition metals include a piece of gold leaf. Many other elements have reproductions of advertisements, documents, and old picture postcards to enhance the story line.

Similar treatment is afforded the non-metals, metalloids, halogens, noble gases, actinides and lanthanides. A piece of Silly Putty is used to demonstrate the cross-linking use of the element boron. A diamond-like piece of crystalline zirconia is included in the discussion on zirconium. Stunning photographs throughout the book illustrate the elements or their applications.

The Elements Vault is an educational tool to introduce non-scientists and students to the world of chemistry by explaining how the periodic table came about and how each element has been applied to the world around us.
DIRECTORY OF SERVICES

SEARCHING FOR THAT SPECIAL JOB?

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

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

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

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

MEMBER ADVERTISERS

Membership surveys show that you want more articles in our newsletter. If you tell our advertisers that you saw their ad here, they will provide more financial support and this will allow us to add more articles.

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NuMega Resonance Labs
numegalabs.com P-858-793-6057

VOLUNTEER

Committees seeking team members
✓ Career Services
✓ Chemical Health & Safety
✓ Diversity
✓ Industrial Relations
✓ Liaison
✓ Membership
✓ Planning
✓ Public Relations
✓ Social
✓ Student Affiliate Mentor
✓ Awards
✓ Continuing Education
✓ National Chemistry Week
✓ Program
✓ Communications
✓ Tellers
✓ Web Page
✓ Younger Chemists
✓ Women Chemists

Contact the Section Office at PhilACS@aol.com or (215) 382-1589. Put “Volunteer” in the subject line or leave a message including contact information.

ADVERTISING INDEX

ACS 153
Micron Inc. 153
NuMega Resonance Labs, Inc. 153
Robertson Microlit Labs 153
Tyger Scientific Inc. 153

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email: vincegale@mboservices.net
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Locations</th>
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<tbody>
<tr>
<td>October 3</td>
<td>ACES Youth Chemistry Program</td>
<td>Philadelphia, PA</td>
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<tr>
<td>October 5</td>
<td>Innovation Day 2015 – Young innovators and industry leaders come together to celebrate innovation in the chemical industry</td>
<td>CHF, 315 Chestnut Street, Philadelphia, PA Contact: Zackary Biro, 215-873-8203</td>
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<tr>
<td>October 9</td>
<td>Princeton ACS Fall Organic Chemistry Symposium</td>
<td>Forsgate Country Club, Monroe Township, NJ</td>
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<td>October 14</td>
<td>Chemical Consultants Network (CCN) Social - Come and meet a diverse group of industrially-experienced chemists, biochemists and chemical engineers</td>
<td>New Deck Tavern – 3408 Sansom Street Philadelphia PA</td>
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<tr>
<td>October 15</td>
<td>Joseph Priestley Society: Henry Dubina, “Key Enabling Instrument Technologies in Biopharmaceutical R&amp;D” Event Type: Open to the Public, Registration Required</td>
<td>Chemical Heritage Foundation Philadelphia, PA 19106</td>
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<tr>
<td>October 15</td>
<td>Philadelphia Section – Board Meeting Dinner, Tour of Facility and Presentation</td>
<td>The Dow Chemical Company 400 Arcola Road, Collegeville, PA 19426</td>
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<tr>
<td>October 17</td>
<td>Symposium in Honor of Professor Amos B. Smith, III The Recipient of the 2015 Allan R. Day Award</td>
<td>Department of Chemistry, University of Pennsylvania Philadelphia, PA</td>
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<td>October 26</td>
<td>Distinguished Alumni Award Symposium: Madeleine Joullié</td>
<td>Lynch Lecture Hall</td>
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<td>November 7</td>
<td>PAGES™ Mini-Conference For 6th Grade Girls</td>
<td>Chestnut Hill College Philadelphia, PA</td>
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<tr>
<td>November 17 (Note day change)</td>
<td>Ullyot Lecture: Dr. Bruce Alberts, University of California, San Francisco</td>
<td>Chemical Heritage Foundation Philadelphia, PA</td>
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