

the Catalyst



Official publication of the Philadelphia Section, ACS
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January 2010
Volume 95, No. 1

Introducing



**Our New Section Chair
Judith Summers-Gates**

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ADVANCE NOTICE

FEBRUARY MEETING

Thursday, February 18, 2010

George Preti
Monell Chemical Senses Center

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

the Catalyst

ACS Philadelphia Section
Founded April 15, 1899

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Advertising: Vince Gale, MBO Services, P.O. Box 1150, Marshfield, MA 02050
phone: 781-837-0424 email: cust-svc@mboseervices.net.

*From
The
Chair*



Judith Summers-Gates

Passing the Baton....

Greetings! The calendar page has changed and suddenly, we're in 2010!

If you are anything like me, this still sounds like a "futuristic" date to you and it is somewhat daunting to think that we are actually entering the "future" that we always talked and speculated about. Science fiction is becoming science fact every day.

We don't have those flying cars or "transporters" yet, but we do have technological, medical and environmental problems that need to be solved by the best and brightest minds that can be mustered and, in many cases, CHEMISTS and the people who use chemistry will be on the front lines working to solve the problems that are confronting our "blue marble" in space and all of the species who call it home.

When I ran for office, I said that I wanted to be the "busiest Chair ever" and I still feel that way now that the votes

have been counted. But in order for this year to go off as planned, I will need some major investment and involvement from YOU our Section membership. Quite frankly, I've been getting a bit worried about the level of participation (or lack of it) at our meetings and activities in the past few years. We are a very large and diverse Section one of the largest in the country yet it seems that we are always pleading for volunteers for our activities and candidates for our offices.

So I am going to start nudging you on a regular basis to change all that. WHY did you join the local Section? WHAT are YOUR priorities? WHAT are YOUR needs and are they being MET? WHAT are YOUR concerns? WHAT should/ could we be doing differently to get you excited about coming to our monthly meetings and rolling up your sleeves when we have an activity like Chemists Celebrate Earth Day or National Chemistry Week or Chem Olympiad or our own local P.A.G.E.S. or Chem Demos?

SPEAK YOUR MIND! I am going to put out a formal survey as soon as the logistics can be worked out seeking all that input and more. I will

also be sharing some demographic data on the Section so that everyone will have a good snapshot of the people we are supposed to represent and serve.

The Board of Directors is working hard to get our new budget in place for the coming year and we are going to have to look hard at our priorities and make some tough choices and decisions as we work our way through that process. It should come as no surprise, but the Section hasn't had as much revenue coming in this year as in prior years due to the economic downturn that we've all experienced. The Board of Directors is going to engage in a formal strategic planning effort to address that situation and other potential items and we will make that effort as transparent to you as possible.

If each of us donates just ONE HOUR of our precious time and energy to our Section in 2010, that will be more than 5000 hours going toward the goals and membership and overall "health" of our Section. In this year of the Census, can I count on you to **STAND UP** and **SHOW UP** when it matters most?? I hope so!! Judy

INTRODUCING OUR NEW CHAIR

Born in Hazleton, PA (1958) and raised in Philadelphia. Judy attended Drexel University where she received her BS in Unified Science, a combination of Chemistry and Biology and Physics, in 1990. While at Drexel, her co-op assignments included an ink and printing company and USDA Eastern Regional Research Center (where she met her husband of 25+ years).

Following co-ops, she was employed full time at DOD's Defense Personnel Support Center as a Physical Science Technician performing physical and chemical testing on virtually every commodity used by the armed forces, from baby diapers to tank axles and including rations, clothing and body armor. During this time, she was known as "The Contract Killer" because of the number of contractors who were rejected because her tests showed their goods to be substandard.

She left DoD in 1988 and moved to the Food and Drug Administration where she has been an analytical chemist for 18 years. She has distinguished herself as an expert in the isolation and identification of colorants and addi-

tives in foods, drugs, cosmetics and medical products. While employed with FDA, she has graduated from the FDA's highly competitive Leadership Development Program and has worked as an Assistant to the Commissioner of FDA. She recently coauthored the agency's training manual for newly hired laboratory personnel and served as a trainer and Hiring Coordinator for her District Office and she is currently the Assistant to the Director of FDA Philadelphia District.

In addition to service in the Philadelphia local Section, Judy is Co-Chair, with husband Bob Gates, of the Philadelphia Mayor's Commission on Persons with Disabilities, Education Subcommittee. She is also the current Chair of the National ACS's Committee on Chemists with Disabilities and a founding member on the ACS Joint Subcommittee on Diversity. A self admitted "scientific thrill seeker" and "technology junkie," she enjoys participating in outreach activities with students and judging in science fairs. Her outside hobbies include knitting and crocheting, science fiction novels and movies (including the ones with rub-

ber suited monsters) and being Lhasa Mom to her three Lhasa Apsos – Lotus, Micki and Winnie (aka "The Gates Girls").

NEWS ATOMS

Madeleine M. Joullié, class of 1970 Chair of Chemistry at the University of Pennsylvania, received the 2009 Edward Leete award from the ACS Organic Chemistry Division. The honor recognizes her contributions to teaching and research in organic chemistry.

James Shorter, assistant professor of biochemistry and biophysics in the University of Pennsylvania's school of medicine, received the 2009 Ellison Medical Foundation New Scholar Award in Aging. The award provides support for newly independent investigators. Shorter is studying lethal nerve disorders such as Alzheimer's disease.

DEATHS

Pierre C. Herault, retired research chemist with CertainTeed Corp. September 18, 2008 at 66. He retired in 2006 after 17 years of service with CertainTeed.

Joseph L. O'Brien, retired research manager with C.P. Hall, September 18, 2009 at

81. He worked in research at Rohm and Haas from 1951 to 1978 in the field of organic synthesis, plasticizers, and flame retardants, generating many research papers and patents. In 1978 he joined C.P. Hall and managed research and process development of plasticizers for PVC. He retired in 1992 as director of R&D.

In the mid 1930s, O'Brien was a childhood actor and appeared in films with Our Gang and Shirley Temple. He was a 60-year member of ACS.

Donald R. Coughanowr, chemical engineer and professor at Drexel University, September 20th at 81. After working briefly at Standard Oil of Indiana and teaching at Purdue University he joined the Drexel faculty in 1967 where he served as chairman of the chemical engineering department until 1988. He retired from Drexel in 1999. In addition to a number of published technical articles, Coughanowr authored the landmark book *Process Systems Analysis and Control*, which was reprinted several times.

Mildred Cohn, Benjamin Rush professor of physiological chemistry emerita at the University of Pennsylvania, October 12th at 96. She held

research associate positions at George Washington University School of Medicine, Cornell University Medical College, and Washington University Medical School. In 1960 she joined Penn's medical school as associate professor of biophysics and physical biochemistry, and continued teaching in related fields until she became emerita professor in 1982.

From 1982 until 1985 Cohn was a senior member of the Institute for Cancer Research in Fox Chase, and then served as a consultant in Penn's department of biophysics and physical biochemistry. In addition to honorary doctorates at numerous universities she received the ACS Garvan Medal and the National Medal of Science. Her service included chairman of the ACS division of biological chemistry, president of the American Society of Biological Chemists, president of the Philadelphia Biochemists Club, and president of Penn's chapter of Sigma Xi.

Mildred Cohn was elected to the American Philosophical Society, the National Academy of Sciences, and the American Academy of Arts and Sciences. In October 2009 she was inducted into the National Women's Hall of Fame.

She overcame gender discrimination and was a role model for women seeking a career in science.

George Landis Zimmerman, emeritus professor of chemistry at Bryn Mawr, October 21st at 89. He taught undergraduate and graduate students at Bryn Mawr for 40 years and served briefly as chairman of the chemistry department. His research areas included theoretical chemistry of molecular quantum mechanics and spectroscopic studies of photochemical isomerization of dye compounds. After retiring from Bryn Mawr in 1990 he taught and conducted research at Drexel University.

During WWII he served on the Manhattan Project. He was an accomplished clarinet player and transcribed renaissance and baroque music for chamber ensembles.

Jane M. Glick, biochemist and research investigator at the University of Penn, November 15th at 65. She joined the Penn faculty as research assistant professor in the dental school in 1975. She then moved to the faculty of the Medical College of Pennsylvania where she rose to professor of biochemistry and received the Lindback Teaching award.

[\(continued on page 7\)](#)

ROBERT OWEN HUTCHINS

Robert Owen Hutchins passed away on October 9, 2009, following cancer surgery. He was born in Danville, IL, in 1939, and spent his youth in Illinois and California. He earned a BS in chemistry from the University of California at Berkeley, an MS in phytochemistry from California State University at Long Beach, working with D.L. Mayfield, and a PhD from Purdue University under J. Wolinsky. At Purdue, he developed a keen interest in synthetic and mechanistic organic chemistry. During a two-year postdoctoral stint with E.L. Eliel at Notre Dame University, Dr. Hutchins further honed his synthetic skills and, importantly, expanded his interests to conformational analysis of organic structures. He joined Drexel University as an Assistant Professor in 1968, and advanced to Associate Professor in 1974 and to full Professor in 1979. He served as Chemistry Department Head for the last decade and a half of the twentieth century, and during that time was also appointed as the inaugural G.S. Sasin Professor of Organic Chemistry.



Bob was a popular and effective teacher, who garnered a C&M Lindback Outstanding Teaching award in 1980. Over a period of more than three decades, he and his numerous undergraduate and graduate students, including 16 PhD students, explored the labyrinths of stereoselective organic synthesis. Many of these students have achieved distinguished positions in industry and academia, and Drexel now has two student awards funded by his ex-students, one of which is named in Bob's honor. His research studies dealing with new hydride reagents for asymmetric reactions and the conformational properties of phosphorus-containing heterocycles, formed the basis for a hundred well-cited scientific papers. They earned Bob recognition from Drexel University (Research Achievement Award, 1982; University Research Scholar

Award, 1985), his Cal. State *alma mater* (CSULB Distinguished Alumnus Award, 1987), and the 26th Research Award (1987) of the Philadelphia Section of the American Chemical Society. He was a long-time member of the ACS and the Philadelphia Organic Chemists' Club.

Bob's headship and other service to the department and the university was marked by his calmly measured but humorous manner, his empathy for students and their problems, his willingness to judge fairly, and his ability to discern and nurture the professional strengths of his colleagues.

Earlier this decade he was predeceased by his wife Mary-Gail (*née* Kinzer) - a loss that he did not bear with ease. Bob is survived by his sons Owen (Jennifer McGuire) and Richard (Julie Hair), and grandsons Jacob and William.

Memorial contributions may be made to the Professor R.O. Hutchins Organic Chemistry Teaching Lab Instrumentation Fund, Drexel University, P.O. Box 8215, Philadelphia, PA 19101-9684. For more information, contact Mike Andrulis (andrulis@drexel.edu, 215-895-6481).

(continued from page 5)

In 1994 Glick returned to Penn Medicine as senior research investigator and later became adjunct associate professor in cell and molecular biology. She conducted studies on the relationship of cholesterol and arterial plaque in heart disease. Also in 1994 she was named director of education in the gene therapy program. She retired as faculty administrator for the Cell and Molecular Biology Graduate Group in 2008. Glick also served on the executive committee of the Philadelphia Antiques Show.

WORKING TOGETHER FOR A SUSTAINABLE FUTURE

The ACS Board of Directors and the Sustainability Stakeholders Steering group (S3G) are putting forth a CALL to action. Goal 3 of the *ACS Strategic Plan for 2009 and Beyond* states how the Society is focused on “Addressing Global Challenges” through chemistry. The sustainability CALL to action is a roadmap of seven avenues to address the global challenges of sustainability. We aspire to achieve the following through the CALL to action at: <https://communities.acs.org/message/3726>: Green Operations, Advance the Science, Inform our Members, Educate the Public, Prepare Future Chemists, Policy Advocacy and Recognize Best Practices.

The spring 2010 ACS National Meeting in San Francisco will have the theme of “Chemistry for a Sustainable World.” In addition to attending symposia and listening to technical presentations, you will be able to participate in identifying and building new initiatives through a wide-ranging engagement event and forum.

Join the ACS Network at www.acs.org/network or log into the group at <https://communities.acs.org/sustainability-stakeholders-group> to learn more about the initiative and to answer the CALL to action.



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JANUARY MEETING

THE PHILADELPHIA SECTION,
AMERICAN CHEMICAL SOCIETY

presents

Thursday, January 21, 2010

THE TENTH ANNUAL GRADUATE STUDENT,
FIFTH ANNUAL UNDERGRADUATE AND
THIRD ANNUAL HIGH SCHOOL STUDENT
POSTER SESSION

6:00 - 8:00 PM

Great Court, Mitten Hall
Temple University
1913 North Broad Street
Philadelphia 19122

Refreshments will be served.

Reservations Required; cost: \$15.00

RESERVATIONS should be made by calling Mrs. Libby Harper at the Section Office, 215-382-1589, by **5:00 PM** on **Thursday, January 14**. Cancellations, if necessary, cannot be accepted after **NOON** on **Tuesday, January 19**. **UNCANCELLED RESERVATIONS WILL BE BILLED**.

PARKING is available for in lot #1 between 15th and Broad Streets, south of Norris Street. For map and directions, see <http://www.temple.edu/maps/>

The Board of Directors will meet at 4:00 PM in the Room 108A, Barton Hall.

2009 ELECTION RESULTS

2010 Chair: Judith Summers-Gates

2010 Chair-Elect: John Tierney

2010-2011 Secretary: Michael Prushan

2010-2012 Directors: Ella Davis
Denise Thomas
William (Rick) Ewing
Deborah Cook
Kathryn Lysko

2010 Directors: Sheldon Miller
William Smith

2010-2011 Councilors: Anne DeMasi
Anthony Addison
John Crawford
Kathleen Shaginaw

2010-2012 Alternate Councilors:
Carol Jean Bruner
Deborah Cook
Ella Davis
Judith Summers-Gates

2010 Alternate Councilors:
Kathryn Lysko
William Smith
Robert Gates
Russell Phifer
Marge Matthews

Delaware Valley Science Fairs

The Delaware Valley Science Fairs will be coming up before you know it. Judges and mentors are always needed. Check the website www.dvsf.org for more information and to volunteer.

BOOK REVIEW

Geology of Carbonate Reservoirs by Wayne M. Ahr. 294 pages, 7 by 10 inches, casebound, John Wiley & Sons., 2008. ISBN 978-0-470-16491-4, \$85 from John Wiley & Sons, Inc., 111 River Street, Hoboken, NJ 07030.

Carbonate rocks contain half of the world's oil and much of its groundwater as well. Primary oil extraction recovers about one-third of the oil, leaving two-thirds to be treated with secondary and tertiary recovery methods.

The early chapters in this book describe carbonate reservoirs and their properties (e.g., porosity, permeability), followed by properties directed to petroleum content such as saturation, wettability, capillarity, and pressure. Further topics are depositional rock properties, diagenetic processes, fractured reservoirs, and the geology of carbonate reservoirs.

The book will be of interest to petroleum geologists, geophysicists, and engineers in these fields as well as hydrogeologists and environmental geologists. Each chapter ends with review questions to help in understanding the content. An extensive bibliography and index conclude the volume.—Alan Warren

CHEMICAL CONSULTANTS NETWORK

JANUARY 13, 2010 MEETING

Visit our *NEW* web page at www.chemconsultants.org

Date & Time: Wednesday, January 13, at the Cynwyd Club, Bala Cynwyd, PA; Networking, 5:30 PM; Dinner, 6:30 PM; Talk and Business Session, 7:30 PM

Speaker Topic:

RESOURCES FOR CONSULTANTS II

A ROUND TABLE DISCUSSION

JOHN NEWPORT

Abstract: Finding cost effective resources presents a challenge for many consultants. In this reprise of last year's Round Table, more options will be presented that cover such topics as: finding work, networking, technical information, advertising, legal, business, searching the literature, patents, education and skills development, software etc. The information presented will be new and updated and the audience is encouraged to share their own preferences. For those who cannot attend please feel free to email the Speaker at jfnewport@chemventive.com with resources that they have found useful, for inclusion in the talk and subsequent listing on the CCN website.

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

Location: The Cynwyd Club, 332 Trevor Lane, Bala Cynwyd, PA 19004. From I-76 drive S on City Line Ave. (US Rte. 1). Turn right on Conshohocken State Rd. (Rte. 23); stay in right lane. After second light watch for white left-turn arrows painted on street (about .14 mi/750 ft). Do not follow Rte. 23 left at turn but instead go straight ahead onto Llandrillo Rd. (passing to right of Valley Press printing). In one block bear left onto Trevor Lane at stop sign. Clubhouse and parking are on the left. Please park in lot if space is available; otherwise park on Trevor Lane. If lost, call the club at 610-667-4524, ext. 2. [MAP](#)

Reservation: To make or cancel a dinner reservation, e-mail CCNReservations@aol.com or call the ACS office at 215-382-1589 (leave message on voicemail if necessary). Fee, including food and beverages (wine, beer & sodas), is \$25 by the deadline, Thursday, January 7, \$35 afterwards. Late reservations and walk-ins subject to availability. No-shows will be invoiced. Please advise of any special food requirements. There is no charge for talk only; registration is suggested using contact information above.

National Chemistry Week Poster Contest Local Section Winners for 2009

We had some amazing entries submitted this year by students in three out of the four age categories. It was really hard to narrow it down to these entries because there were so many creative interpretations of this year's theme: "Chemistry—It's Elemental!"

These talented local students had their posters go on to the National poster contest:

K-2nd Grade Local Winner: Alex Davis (2nd Grade) Davidson School in Villanova, PA.

3rd-5th Grade Local Winner: Chloe Roberts (4th Grade) Nazareth Academy Grade School in Philadelphia, PA.

6th-8th Grade: None submitted in this age group this year

9th-12th Grade Local Winner: Yasmine Marie DeLoach (9th Grade) W.B. Saul Agricultural High School, Philadelphia, PA .

CONGRATULATIONS ON YOUR WINNING ENTRIES!!! Students will be receiving the ACS tee shirt of their choice and teachers will

be receiving Periodic Table of the Elements wall charts for their classrooms.

All our enthusiastic artists have received Certificates of Participation from the Local Section very shortly.

Photos of all of this year's poster entries will be posted on the Philadelphia Local Section website for everyone to enjoy!

Winners of the National Contest will be posted on the ACS National Website at the NCW homepage:

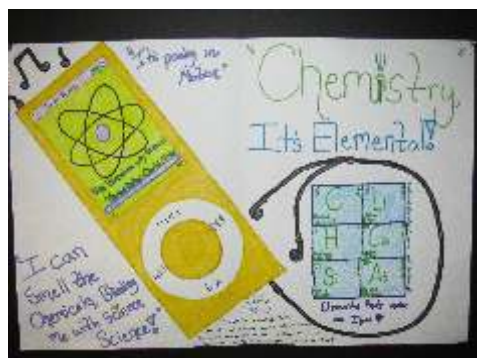
http://portal.acs.org/portal/acs/corg/content?nfpb=true&pageLabel=PP_ARTICLEMAIN&node_id=1045&content_id=CNBP_022324&use_sec=true&sec_url_var=region1&uuid=2de6a80a-5164-43fd-843f-11b9f96c76bc



Alex Davis



Chloe Roberts



Yasmine Marie DeLoach

CALL FOR NOMINATIONS

**The 19th Annual
Philadelphia Section, American Chemical Society
AWARDS FOR EXCELLENCE IN PRE-COLLEGE TEACHING**

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

Nominations for 2010 will be accepted until Tuesday February 2, 2010. The nomination package should consist of a letter of nomination, the nominee's resume and at least two letters of recommendation. Other supporting information, such as students' comments, is welcome. However, the total nomination package should not exceed 30 pages. The nomination package may be emailed to PhilaACS@aol.com or nine copies of the nomination materials may be mailed to:

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

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

Award recipients will be honored at our May 2010 Section meeting with a certificate and an honorarium.



2009 Section Award: Robert Gates (left), Section Chair, presenting the 2009 Section Award plaque to Eric Borguet of Temple University at the October Meeting.

CALL FOR NOMINATIONS



**The 8th Annual
Philadelphia Section, American Chemical Society
AWARD FOR EXCELLENCE IN UNDERGRADUATE TEACHING IN CHEMICAL
SCIENCES**

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

Nominations for 2010 will be accepted until Tuesday February 2, 2010. The nomination should consist of a letter of nomination, the nominee's resume and at least two letters of recommendation. Other supporting information, such as students' comments, is welcome. However, the total nomination package should not exceed 30 pages. The nomination package may be emailed to PhilaACS@aol.com or nine copies of the nomination materials may be mailed to:

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Department of Chemistry
University of Pennsylvania
Philadelphia, PA 19104-6323

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

The award recipient will be honored at our May 2010 Section meeting with an honorarium and a plaque.

ACS OFFERS SPECIAL BENEFITS FOR UNEMPLOYED MEMBERS

During these tough economic times it's more important than ever to belong to the American Chemical Society. Unemployed members can tap into a host of valuable benefits and services that help them get back in the workforce. And, members in good standing may qualify for an unemployed member dues waiver, allowing them to renew their memberships and keep their member benefits at no cost. Contact ACS at service@acs.org, 800-333-9511 or 614-447-3776 for complete details.

Other valuable benefits that help unemployed ACS members get back in the workforce include:

- Free registration at ACS National Meetings and greatly reduced registration fees at Regional Meetings. Many meetings offer ACS Career Fairs with on-site interviews.
- Special discounts for ACS/Harvard online courses, ACS ProSpectives and Short Courses, and the ACS Leadership Development System.
- Membership in the ACS Network, your online resource to connect and communicate with friends, colleagues, and potential employers.
- Free Guidance from ACS Career Consultants – ACS mentors offer resume reviews, job search strategies, and interview tips that make you stand out from the rest.
- Free access to InterviewStream, an online tool that will sharpen your interview skills
- Members-only access to the ACS Salary comparator.
- And more!

This is the edited version of the minutes. A full copy of the minutes can be obtained from the Section Office.

Present: C.J. Bruner, D. Cichowicz, M. Cichowicz, D. Cook, E. Davis, A. DeMasi, T. Dent, R. Gates, M. Matthews, S. Miller, C. Petucci, W. Smith, T. Straub, J. Summers-Gates, D. Thomas, K. Thrush Shaginaw, J. Tierney, V. Tortorelli, K. Yoder.

Also Present: L. Harper, A. Heldon, J. Whalen, D. Hausner, J. Crawford, J.P. Northrop, C. Martin, S. Haynie.

Excused: R. Ewing.

The meeting was called to order by Chairman R. Gates at 4:08 PM.

A motion was passed unanimously to accept the minutes of the June meeting.

COMMITTEE REPORTS:

Legislative Liaison (A. Heldon): The Commonwealth of Pennsylvania effectively closed the Priestley House. The Friends of the Priestley House had no operating agreement with the state but after there is a state budget agreement an operating agreement will emerge.

Committee to Establish Internship and Summer Job Vacancies Presence on the Website (*ad hoc*) (S. Miller): A questionnaire has been prepared that will be distrib-

uted to companies to fill out concerning any positions they have available. The information gleaned from the questionnaire will be posted on the web. It was indicated that there would be a possible cost of \$400 for setting up the questionnaire on the web site. Decision on this cost is deferred until the January meeting when the committee will have a line in the 2010 budget.

OFFICERS' REPORTS:

Chairman (R. Gates): No report.

Chair Elect (J. Summers-Gates): National Chemistry Week (NCW) lots of contacts from teachers about posters, celebrating chemistry, etc. A free issue of *J. Chem. Educ.* is available. There is an event at the Franklin Institute, sponsored by Target, during NCW (October 21st) highlighting chemistry demonstrations and posters could be displayed there at no charge. The Chemical Heritage Foundation is open to sponsoring 'hands on' demonstrations, however, not during NCW. Merck Indexes that are available to the Philadelphia Section could be distributed to teachers at the Franklin Institute event. The Merck Indexes would not be available for students or scholastic awards.

A speaker is being sought for the celebratory meeting of the 50-year members, next June. A decision is still to be made on the speaker for next year's Ulliyot Lecture. An additional proposal was made to see

if companies in the area would host a number of the monthly meetings this had been the case in the past. The January Poster meeting is still under consideration at Temple, and it was suggested that this time a modest fee be charged to presenters to cover the food costs.

Secretary (J. Tierney): No report.

Treasurer (C.J. Bruner): Some major errors in the spreadsheet will be corrected by the next meeting, when a vote can be taken.

OTHER BUSINESS:

V. Tortorelli: Steve Waller (past chair of the North Jersey Section) is looking for volunteers to help with the 40th anniversary celebration of Earth Day, April 22, 2010.

MARM Report: The following sections are in line to host the MARM: 2010 – Delaware Section – Hotel DuPont, April 10-13; 2011 – Washington DC – Capital Chemist's Club; 2012 – Maryland Section – University of Maryland, Baltimore County; 2013 – New York Section is considering it?

The Section will sponsor a job search strategy session for unemployed chemists at Ursinus College with J. Burke as the speaker. A motion to appropriate \$500 to cover materials, purchase water and other supplies was passed. K.Thrush Shaginaw further added that this should be an ongoing event and it would be an ideal match to partner with AWIS.

K. Thrush Shaginaw: Women Chemists and AWIS were jointly funded a \$1,000 grant. The High School Day at CHF (March 17, 2010) may also receive a joint ACS-CHF funding grant. Next P.A.G.E.S.TM meeting is Saturday, November 21st.

We are not sponsoring the graduate school forum at Villanova this year because Villanova is not available. A. DeMasi was in charge, however, she does not feel that she is the appropriate person. Last year 18 universities and 65 students attended. DeMasi will arrange a date for 2010 at Villanova University and send the date to the board.

Deb Cook: SOCED is looking at revising the high school chemistry guidelines. If anyone has strong opinions about who should be on the committee, please let her know. Deb announced that she has a new position as vice president for learning and teaching at the Liberty Science Center.

There being no other business, the meeting was adjourned by Chairman Gates at 5:20 PM.

Respectfully submitted, John Tierney, Secretary

BOOST OUR RATINGS

When you tell our advertisers that you saw their ads here they have more confidence in our newsletter's viability as an advertising medium. They advertise more. This supports our many activities.

2010 OFFICERS AND BOARD OF DIRECTORS

OFFICERS

CHAIR	Judith Summers-Gates
CHAIR-ELECT	John Tierney
SECRETARY	Michael Prushan
TREASURER	Carol Jean Bruner
IMMEDIATE PAST CHAIR	Robert Gates

DIRECTORS

<u>2008-2010</u>	<u>2009-2011</u>	<u>2010-2012</u>
Anne DeMasi	Melissa Betz Cichowicz	Ella Davis
Thomas Straub	Victor J. Tortorelli	Denise Thomas
Kathleen Shaginaw	David J. Cichowicz	William (Rick) Ewing
Sheldon Miller	Kendra Yoder	Deborah Cook
William Smith	Marge Matthews	Kathryn Lysko

COUNCILORS

<u>2008-2010</u>	<u>2009-2011</u>	<u>2010-2012</u>
Georgia Arbuckle-Keil	Cheryl A. Martin	Anne DeMasi
Hank Whalen	Judith Currano	Anthony Addison
Erica Martin	John G. Nikelly	John Crawford
Judith Cohen	Robert J. Levis	Kathleen Shaginaw

ALTERNATE COUNCILORS

<u>2008-2010</u>	<u>2009-2011</u>	<u>2010-2012</u>
Robert Gates	Kathryn Lysko*	Carol Jean Bruner
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Marge Matthews	Peter Wade	Ella Davis
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Ellen Kullman, CEO of DuPont

On Thursday, January 14 at the Chemical Heritage Foundation, the Joseph Priestley Society will welcome Ellen J. Kullman, CEO of DuPont, who will present *Growing a 21st-Century Science Company: Opportunities and Challenges*. Kullman is only the 19th person to lead DuPont in its 206-year history. Her talk will examine the essential character of DuPont as a market-driven science company, including steps taken to maintain its financial strength and engine of innovation during the economic downturn, the global megatrends that are driving the company's science today, and the opportunities that DuPont sees for growth in the future. Please go to www.chemheritage.org for more details.



PHILADELPHIA SECTION ACS

2010 CALENDAR

Date	Event	Locations
January	American Institute of Chemical Engineers, Financial/Retirement Planning Seminar http://aiche-philadelphia.org/events/events.html	
Monday, January 11	Delaware Valley Mass Spectrometry Discussion Group, Bill Simonsick: <i>MS Analysis of Polymers</i> http://science.widener.edu/svb/msdg/	Villanove University Villanova, PA
Wednesday, January 13	Chemical Consultants Network, John Newport: <i>Resources for Consultants II: A Roundtable Discussion</i> www.chemconsultants.org	The Cynwyd Club Bala Cynwyd PA
Thursday, January 14 Luncheon Meeting	Joseph Priestley Society, Ellen Kullman, CEO DuPont Corporation: <i>Growing a 21st- Century Science Company: Opportunities and Challenges</i> www.chemheritage.org	Chemical Heritage Foundation Philadelphia, PA
Wednesday, January 20	Penn Science Café, Ruth Schwartz Cowan: <i>DNA Banks and Genetic Tests: Should I Make a Deposit? Should I Take One?</i> events@sas.upenn.com	White Dog Café Philadelphia, PA
Thursday, January 21	Graduate and Undergraduate Poster Session	Mitten Hall, Temple University Philadelphia, PA
Thursday, January 28	Philadelphia Organic Chemists Club, Gregory C. Fu, MIT: <i>Palladium- and Nickel-Catalyzed Coupling Reactions of Alkyl Electrophiles</i> http://www.pocclub.org/	Department of Chemistry University of Pennsylvania Philadelphia, PA
Thursday, January 28	Delaware Valley Enzymology Club Dennis_murphy@merck.com	
Thursday, February 18	George Preti, Monell Chemical Senses Center	Monell Chemical Senses Center Philadelphia, PA
Thursday, March 4 NB: First Thursday	Edgar Fahs Smith Lecture: Ronald Breslow, Columbia University	Department of Chemistry University of Pennsylvania Philadelphia, PA
Thursday, April 15	Student Awards	TBA
Thursday, May 20	Teaching Awards	TBA
Thursday, June 17	Honoring Our 50-year Members	TBA

2010 Spring National Meeting, March 21-25, San Francisco; 2010 MARM, April 10-13, Wilmington, DE; 2010 Fall National Meeting, August 22-26, Boston