the Catalyst

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the Catalyst

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ADVANCE NOTICE

SEPTEMBER MEETING

Victory Brewing Company
West Chester, PA

Thursday, September 18th, 2008

See the September *Catalyst* for details, call the Section Office at 215-382-1589, e-mail: PhilaACS@aol.com

From The Chair

Ella L. Davis



As is our tradition, our meeting this month celebrates all of the 50-year members of our Section. This year we will also acknowledge those members who have reached the milestone of 60 years membership in the society! I personally believe that it is important to recognize the contributions and accomplishments of these members who have spent long careers in support of the science of chemistry and its successful application and the training of new chemists. This year we are pleased to have 28 members in our Section who have reached the 50-year milestone and also 28 members who have reached 60 years of membership. Please take a few minutes to review the list of names elsewhere in this issue of the Catalyst and contact any of these members who you may know to congratulate them for this noteworthy accomplishment.

Dr. Catherine T. "Katie" Hunt, Leader - Technology Partnerships at Rohm and Haas Company and ACS Immediate Past President (2008), will speak at this month's luncheon. As you all know she is a member of our Section and we very proudly call her our own Dr. Katie Hunt. The title for her talk is The Chemistry of Leadership: Bridging the Gap, Transforming the Future! Following the talk, she will present the 50-Year Member Certificates to our honored ACS members. By listening to Katie's speech and talking to our 50-year members, this meeting is a great opportunity to explore strategies for attaining a long and successful chemical career.

This month we begin our summer "Holiday." However, as mentioned last month, we will not be taking a traditional summer holiday because of the ongoing preparation for and our anticipated participation in the ACS National Meeting coming to Philadelphia in August. One project is the special edition of

the Catalyst that will be given out to attendees at the meeting at the hospitality booth and at area hotels. This special edition is intended to give the attendees an insider's feel for our beloved home town. Although we have received a few contributions there is still room to share your exceptional Philadelphia experience with our expected guests in this special publication. Please pass along your favorite things about our area to Libby Harper in the Section Office (philaACS@aol.com) or to me (philaacschair@aol.com). We will organize the contributions and forward them to the Publications Committee. Respond quickly because the deadline for contributions for this special issue is June 10th.

As in 2004, we are also planning to have other small give-a-ways at our booth. If you or your employer have anything we can offer attendees at our booth, please get in touch with me. The Section will be co-sponsoring select events at the meeting, so you may see some decidedly "Philly" icons at these events. We thank all Section members who have contacted us to volunteer to help during the meeting; however, we are still looking for volunteers so if you can help, please let us know.

This will be our sixth meeting for the year and therefore the first half of 2008 is over. If you have not had the chance to join us yet this year I hope you will consider attending one of the varied meetings that are coming up.

Looking ahead to the fall, this September's meeting will be at the Victory Brewing Company in Downingtown, PA. Put September 18th on your calendar and plan to come out to tour a microbrewery to see beer being made and to learn inside beer making facts. You can also enjoy some interesting brews. We anticipate this will be a fun meeting.

As always, check out the local Section calendar of events in this issue of *the Catalyst* and mark your calendars to save the dates. Keep your eye on *the Catalyst's* announcements, this column and our local Section web site for additional forthcoming details - http://membership.acs.org/p/philadelphia.

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As we continue through 2008, I once again invite you to personally get involved with your Section. You can participate on one of the several Section committees, participate in a Section outreach event or you can simply attend monthly meetings.

Please get in touch me if you have questions or suggestions for future events. You can send me an email at: philaacschair@aol. com. In any event, I look forward to seeing and meeting with many of you before 2008 ends.

CHEMICAL CONSULTANTS NETWORK

Visit our web page at www.chemconsultants.org

ANNUAL OPEN FORUM AL FRESCO BUFFET SPOUSES WELCOME!

Program: As in the past, we will informally exchange questions and experiences relating to our activities as, or our interests in becoming, independent chemical consultants. This gathering has been one of our most popular and enjoyable events, so don't miss it!

<u>Date & Time</u>: Wednesday, June 11th Networking, 5:30 PM; Buffet, 6:15 PM; Forum and Business Session, 7:30 PM.

Location: The Cynwyd Club, 332 Trevor Lane, Bala Cynwyd, PA 19004. See the website for directions and a map.

Reservations: 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 for individuals or \$40 per couple. Reservation deadline is Thursday, June 5th. DRESS IS CASUAL. 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 Forum only, but registration is suggested using contact information above.

NEWS ATOMS

Kevin J. Duffy, group manager at GlaxoSmithKline, will receive the David W. Robertson Memorial award of the ACS division of Medicinal Chemistry. The honor recognizes scientists under the age of 40 who have made seminal contributions or discoveries in the field of medicinal chemistry.

Andrew R. McGhie, associate director of the Laboratory for Research on the Structure of Matter of the University of Pennsylvania, was elected president of the North American Thermal Analysis Society.

DEATHS

John Albert Moberly, retired chemical engineer formerly with Rohm and Haas, in March at age 89. He first worked for U.S. Rubber Co. and joined Rohm and Haas in 1967 where he conducted research on polymers and adhesives. He wrote short stories and poems and grew roses.

Charles E. Webb, Jr., retired chemical engineer formerly with Pennwalt Corp., March 15th at 90. He joined Sharples Co. which was acquired by Pennwalt, and moved from Michigan to Philadelphia. He was an assistant to a vice president and was later named manager of transportation and distribution. He retired from Pennwalt in 1983. He was active in the Wallingford Presbyterian Church and sang in the Rose Valley Chorus.

Note: News Atoms seeks to report on people in the field of chemistry in the greater Philadelphia area. If you have news about new hires, significant promotions, honors and awards, and those who have recently passed away, send it by email to philcatalyst@aol. com or by mail to the Philadelphia Section ACS.

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our editor by calling and saying you appreciate the quality and content of our newsletter. Our editor works hard to maintain a publication of interest to our membership. Oh, and by the way you could also give credit to our advertisers who financially support us.

FROM THE NEW ORLEANS COUNCIL MEETING

Tony Addison

ACS Council met on April 9th in New Orleans. The meeting drew 13,454 attendees, including 4,500 students.

Council selected Joseph S. Francisco and Josef Michl as the two candidates for the Fall election for 2009 President-Elect. For our District-III, the two Councilor candidates for election of one to the ACS Board of Directors were Pat N. Confalone and Alan B. Cooper.

There was lively and opinionated debate on certain petitions presented to Council. The first dealt with election procedures for situations where there are more than two candidates for President-Elect or District Director. Currently, this requires a rather costly second ballot mailing. The petition advanced the use of a preferential balloting method with "instant runoff," as is used in Australian elections, for instance. The foundation of the method relies on voters ranking the candidates on their ballot, as opposed to simply marking their first choice.

The second involved a revisiting of the criteria for write-in/petition nomination of candidates for President-Elect and for Director-at-Large. The petition to change the number of required signatures from a set number (300 for President-Elect) to 0.5% (currently ca. 800) was adopted by a 275:120 vote (a 2/3 majority was required).

Thirdly was a petition from the Committee on Membership Affairs, to change membership

requirements and categories. Again, this had been discussed at length during previous Council sessions. Amongst the several details were the opening of Affiliate Membership to a wider spectrum of scientists, the regularization of Student Membership (no longer just "Affiliate"), and the expansion of the ability of Local Sections and Divisions to invite Affiliate Membership. A motion to require a recorded vote led to such, with the required 2/3 majority (291 to 71 against, 7 abstentions); our Section Councilors were similarly supportive. The attendant encouragement of student membership may have some impact on registration income at meetings (note the statistics above), but many of us feel strongly that this constitutes a critical investment in the future of the ACS.

The Divisional Affairs Committee presented a motion to change the way in which allotments are distributed to Divisions and Local Sections. A number of us felt that there were imperfections in the proposed formula; for instance, it still did not give appropriate encouragement to Divisions to support programming at Regional meetings of the Society. I was relieved to see the matter sent back to the Committee, to be reworked for the Fall '08 Council meeting.

Amongst other matters, Council unanimously adopted the new (4th Ed.) of the *Academic Professional Guidelines* presented for vote by the Committee on Economic and Professional Affairs. I guess these are a "must-read" for our academic colleagues (http://portal.acs.org:80/portal/fileFetch/C/CTP 005937/pdf/CTP 005937.pdf).



At the New Orleans Council meeting (left to right): Thomas Lane (ACS President-Elect), Judith Currano, Sharon Haynie, Judith Cohen, Tony Addison, Carol Jean Bruner, Katie Hunt (ACS Immediate Past President) and Bruce Bursten (ACS President).

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JUNE MEETING

The Philadelphia Section, American Chemical Society

presents

DR. CATHERINE T. "KATIE" HUNT

Immediate Past President (2008), ACS Leader of Technology Partnerships, Rohm and Haas Co.

The Chemistry of Leadership: Bridging the Gap, Transforming the Future

and

Presentation of 2008 50-Year Member Certificates

Thursday, June 19, 2008 1:00 PM

Surrey Room (please use banquet entrance in the rear)
William Penn Inn
1017 DeKalb Pike
Ambler, PA 19002

Luncheon at 12:00 PM

Luncheon Cost: \$22; students with reservation and ID: \$11

LUNCHEON RESERVATIONS should be made by calling Mrs. Libby Harper at the Section office, 215-382-1589, or emailing PhilaACS@aol.com by **5:00 PM** on **Thursday, June 12**th. **Cancellations**, if necessary, cannot be accepted after **NOON** on **Tuesday, June 17**th. UNCANCELLED RESERVATIONS WILL BE BILLED.

DIRECTIONS: http://williampenninn.com

The Board of Directors will meet at 2:00 PM in the Surrey Room (please use banquet entrance in the rear)

599th Board of Directors Meeting Monday, March 17, 2008 University of Pennsylvania Philadelphia, PA

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

Present: D. Cichowicz, E. Davis, D. Cook, A. DeMasi, C.J. Bruner, J. Falcone, Jr., M. Falcone, R. Gates, J. Summers-Gates, C. Rulli, K. Thrush-Shaginaw, T. Straub, D. Thomas, V. Tortorelli, K. Yoder.

Excused: J. Tierney, S. Miller, M. Cichowicz. **Also Present:** L. Harper.

The meeting was called to order at 4:15 PM per Chair Davis. The minutes for the February 2008 meeting were approved as amended.

COMMITTEE REPORTS:

EFS Committee (L. Harper for J. Winkler): The Extraordinarily Distinguished Named Lectures Committee has selected A. Paul Alivosatos from UC Berkeley as next year's Edgar Fahs Smith lecturer. The Board unanimously approved this selection.

Council Affairs Committee (A. DeMasi): There will be a full slate of Councilors from the Philadelphia Section at the Council Meeting, April 9, 2008 in New Orleans. Peter Wade and Judy Currano are serving as alternates. There will be a Pre-Council teleconference on March 26, 2008.

Publications Committee (L. Harper for D. Kilmartin): The next Publications Committee meeting has been postponed.

OFFICER'S REPORTS:

Chair (E. Davis): The Board will vote electronically on the request by St. Joseph's University students for travel funds when more detail has been received.

Kathy Thrush-Shaginaw discussed the proposal for hiring a contractor to provide monthly updates and basic editing to the Section web page at a cost of approximately \$50.00 per month. The proposal was amended to include a single point of contact (D. Kilmartin, with L. Harper as secondary contact) and ensure that the process improves the website. Approved.

Chair Davis discussed future programming for this year and noted that venues need to be determined for the May and June meetings.

Chair-Elect: R. Gates plans to begin working on next year's program shortly. J. Falcone, Jr. recommended that he select venues for the April and May meetings as early as possible as these months become very busy at universities.

Secretary (A. DeMasi for J. Tierney): No report.

Treasurer (C.J. Bruner): The local Section dues allotment has not been received. The annual report was submitted on time so we have met our eligibility requirement. C.J. Bruner applied for the 10% disbursement in January but has not received it. The Section did receive a payment from Omnipress for MARM 2007; C.J. Bruner will re-open the account and split the payment. Board agreed that in the future, when hosting MARM, a separate MARM account must be opened. C.J. Bruner will send the Board a corrected report for approval.

Communications: K. Thrush-Shaginaw reported that the March 8th Expand Your Horizons program at Chestnut Hill College was a huge success. 110 students and 46 volunteers participated.

Chemical Education: C. Rulli requested that the Section help support the ACS High School Teacher Day, August 17, 2008 at the Chemical Heritage Foundation. J. Falcone, Jr. motioned that the Board provide \$255.00 to support the registration of three teachers at this program. R. Gates seconded. All were in favor.

There being no other business, the meeting adjourned at 5:05 PM.

Respectfully submitted,

Anne S. DeMasi (for John Tierney)

INTERESTED IN WORKING FOR ACS?

We're drawing up the slate of candidates for the fall 2008 election. Specifically, there are openings for chair-elect, directors and councilors (all three year terms). The chair-elect has several responsibilities, including chairing the Section awards and program committees during the first year of the term and running the Section during the second year. Directors form the governance of the local Section and meet monthly September-June. Councilors represent the Section at ACS national meetings.

If you would like to run, please get in touch with David Cichowicz (cichowic@ lasalle.edu or 215-951-1264) or Libby Harper (PhilaACS@aol.com or (215-382-1589).

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SCHOLASTIC ACHIEVEMENT AWARD WINNERS, 2008

Arcadia University Bryn Mawr

Chestnut Hill College Delaware Valley College Drexel University (Chemistry)

Drexel University (Chemical Engineering)

Eastern University (Biochemistry)

Haverford College Immaculata College LaSalle University Lincoln University Philadelphia University Rosemont College

Rutgers, The State University
St. Joseph's University
Swarthmore College
Temple University

University of Pennsylvania (Chemistry)

University of the Sciences (Chemistry)

(Biochemistry)

Ursinus College

Villanova University (Chem. Engineering)

West Chester University

Widener University (Chemistry)

Widener University (Chem. Engineering)

Eric M. Forst

Carrie Womack

Marisa Winkler

Amanda Favreau

Matthew Kane

Nick Paparoidamis

Joseph F. Stanzione

Victoria Slavik

David M. Snead

Desiree Eltringham Carolyn A. Lipovsky

Patrick Ndungu

Alisa Turner

0 - -1.: D-4-1

Sachi Patel

William M. Evans

Kristen Mursch

Phuong Anh Nguyen

Allison Pymer

Paul Gormisky

Lauren Zarzar

Jennifer Jenkins

Abhishek Satishchandran

Ewa Siedlecka

Michael Simeone

Margaret Dudley

Mark Schneider

Caitlin E Feeser



2008 Scholastic Achievement Award Winners: Front row, left to right: Paul Gormisky, Marisa Winkler, Patrick Ndungu, Nick Paparoidamis, Carrie Womack. Back row: Desiree Eltringham, Lauren Zarzar, Jennifer Jenkins, Abhishek Satishchandran, Margaret Dudley, Alisa Turner, Amanda Favreau, David M. Snead, Mark Schneider, William M. Evans, Anh Nguyen.

HONORING OUR 50-YEAR MEMBERS

At our June Section meeting, we honor our 50-year members, presenting them with a certificate and luncheon at the William Penn Inn in recognition of their long and faithful service to the Society. Those being honored include the following:

Richard Galluccio



After graduating Magna Cum LaudefromBrown University in 1959 with an AB and concentration in chemistry, I landed a job with the Rohm and Haas

Company in the Bridesburg Research Laboratories. My initial assignment was in the Fundamental Polymer Sciences Laboratory. During my five-year stay in this group, I co-authored three papers on the mechanism of the anionic polymerization of methyl methacrylate.

My next position was in the Petroleum Chemicals Research Laboratories where I spent the next 23 years. I began in synthesis labs and then migrated to product applications where I eventually became a group leader and then a section manager. I published several papers and obtained a half dozen patents during my very enjoyable stint in this product area.

After my tour in Petroleum Chemicals, I was given a marketing assignment in the Corporate Development Department. During the three years I spent there, my charge was to discover new applications for Rohm and Haas products that already existed.

It was then back to the Research Division, where I took a job in the Construction Products Department. There I worked on acrylic polymer applications to floor finishes, construction adhesives, and elastomeric roof coatings. I spent a total of nine years in this area with the last three years as Sales and Technical Service Manager for Roof Coatings being a particularly rewarding close to my professional career. I retired in 1999 after 40 years, almost to the day, with the same company.

Today I am enjoying the good life in Bucks County. I spend most of my time pursuing my hobbies, bicycling and the shooting sports.

Wolfgang H.H. Gunther



Ihave loved chemistry ever since my father handed me his college level textbook Anorganische Chemie by K.A. Hoffmann (Vieweg, 1929) when I was about

11, in the middle of WWII. Eight years later I managed to get accepted into the Foodstuff Chemistry program at T.U. Braunschweig, Germany. Three years into these studies, I was awarded a prestigious Foreign Office fellowship for study abroad and spent that at the University of Leeds, England. In 1955, Prof. Lythgoe at Leeds kindly offered employment as a Demonstrator while I worked on a PhD in organic chemistry.

That accomplished, in 1958, my new bride (BS, MS Leeds, PhD London) and I took up postdoctoral positions at Yale University Medical School and stayed there for nine years. In 1967 I joined Xerox Corp. in Webster, NY and started to take an active interest in the ACS, eventually serving as Chair of the Rochester Section in 1979. In 1980 I joined Eastman Kodak and served as head of the Sensitizing Dye Lab until I recycled myself into Medicinal Chemistry with Eastman Pharmaceuticals. That association relocated us to Pennsylvania in 1987 where EP bought Sterling Drug. In 1994 Kodak sold Sterling and I retired.

My career-defining interest has been in selenium and tellurium chemistry. I coedited a widely acclaimed book with 40 authors *Organic Selenium Compounds, Their Chemistry and Biology*, Wiley-Interscience, New York 1973. With an initial 1971 meeting

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in New York City, I co-founded the ICCST (International Conferences on the Chemistry and Biology of Selenium and Tellurium Compounds) and continue to serve on the series' international committees. ICCST-10 was held 2007 in Lodz, Poland.

I am also Owner/Moderator of the SeTeIG (Selenium and Tellurium Interest Group) list server as well as of SterlinK, a private alumni mail list of former Kodak/Sterling colleagues with currently 420 subscribers. An early involvement in computers (1978/79 Xerox Alto, Apple II+) has combined with a long-standing interest in photo- and videography. The visual records of extensive recreational, cultural, and adventure travel since retirement have been edited into many DVDs to give away to friends. My wife, Helge, and I celebrated our 50th wedding anniversary in 2008. We have two children and four grandchildren. Contact me at Wolfgang@Gunther.com.

Dr. Joseph Marton



I was born in Hungary and received my PhD in chemistry at Pazmany Peter University in 1943. The after war years gave me an unusual opportunity as a researcher to learn and participate in many types of recon-

struction activities in rebuilding the ruined chemical industry. I concentrated on organic intermediates and industrial catalysis and published some papers and patents. In 1956 after the revolution, I found myself (and my young wife) in Sweden working at Göteborg's Chalmers Technical University as a research fellow in the renowned Erich Adler's laboratory on the new subject: lignin chemistry. Having nothing else to do, we published a number of papers in *Acta Scandinavica* about some finer aspects of lignin structure.

In 1960, a large US paper company, then named West Virginia Pulp & Paper (that in later years became MEAD WESTVACO.

MWV) made an offer we could not resist and we emigrated to Charleston, SC, working for the company in research, later as a senior research associate, learning the tricks of the trade on the firing line. We also published a series of papers, mostly in TAPPI and other journals about kraft lignin and colloid aspects in paper chemistry. I retired from the new Washington area laboratory of MVW in 1987. Twenty years in consulting business followed, until final retirement in 1997. During my active years and also later, I traveled much around the world, lecturing. Now. I live in full retirement, alone in Bucks County, close (but one year) to 90, enjoying the proximity of my daughter and three grandchildren. I authored (with others) some books, published over 100 papers, but these are memories now.

Gordon G. Moore

Gordon Moore graduated from Roosevelt High School in Des Moines, IA in 1953. He received a BS from Iowa State University in 1956. The basic organic chemistry courses he took there were taught by George Hammond. He attended Yale University from 1956 to 1960 where he received his MS and PhD in organic chemisty. There he worked with William Doering.

He was a postdoctoral research associate with A.P. Wolf at Brookhaven National Laboratory from 1960-1962. At Marshall University he was an Associate Professor from 1962-1965.

For the next 37 years he taught at the Abington Campus of the Pennsylvania State University. He was an Assistant Professor of Chemistry from 1962-1965, Associate Professor from 1965-1972 and Professor of Chemisty from 1977 until he retired in 2002.

The concurrent position he held at the Department of Agriculture in Wyndmoor as a research Chemist from 1967 until 1983 was the source of a large portion of his 30 publications and his 7 US patents.

Norma, whom he married in 1956, has sold real estate for years. She somehow found that the only suitable housing for our daughter

and son-in-law and five grandchildren is only four houses away from ours.

Since his retirement he has been an active investor including in real estate.

Dr. Marshall Phillips



Marshall Phillips was raised on a farm/ranch on the border of Nebraska and South Dakota. He graduated from Yankton College, the University of South Dakota and

obtained a PhD in biochemistry from the University of Kansas.

His primary career was as a USDA research chemist at the National Animal Disease Laboratory in Ames, IA, on disease control and eradication projects for livestock and poultry. He served in administrative and executive roles for the United States Department of Agriculture before retiring.

Marshall was vice-president for development at Delmont Labs, Swarthmore, PA, a company specializing in immunotherapeutic products for animals and humans.

He served as a Councilor for the AGFD Division of the American Chemical Society for over 18 years. Prior to this, Marshall was elected to the sequence of Division Officer positions, which led to many leadership and management positions on ACS Council and Board Committees.

His presentation of symposia at national ACS meetings led to the editing of four books (including three ACS Books) on biotechnology, anti-oxidants, and the role of food as an enhancement of the immune responses.

Marshall is founding member of the Chemical Consulting Network here in Philadelphia. The company is Strategic Bioconnections and provides resources for developing new anti-microbials

Marshall is an Associate Editor for the *Journal of Agricultural and Food Chemistry*, a position he has held for 20 years and continues to be a part of its Editorial office.

Dr. Ronald A. Pieringer



Working with medical, dental and graduate students in the area of medical biochemistry at Temple University's School of Medicine for 38 years has indeed been a rewarding and stimulating

experience. It has been a privilege to have taught and carried out research with so many intelligent students. As with most academics in science my career's foundation was built on a BS in Chemistry from Lebanon Valley College (1957), an MS and PhD in Physiological Chemistry from the University of Wisconsin (1959 and 1961) and a Postdoctoral Fellowship at Harvard Medical School.

My longstanding relationship with the American Chemical Society began as an undergraduate freshman when I joined Lebanon Valley's Chemistry Club, which was a strong affiliate of the ACS. The ACS and its Division of Biochemistry has provided continuing education by organizing many informative meetings at the national and local levels. The ACS also organized and sponsors the excellent journal *Biochemistry*, in which we have been fortunate enough to have published some papers.

My research interest in the biochemistry of lipids led to studies as diverse as microbial lipid metabolism and function, and the neurochemistry of myelination in higher animals. These studies were carried out in my lab in collaboration with a wonderful group of postdoctoral fellows (15) and doctoral students (11). As an example of our collaboration, we found that alkyl glycerol ethers acted very synergistically with Amphotericin B in killing pathogenic fungi and thus increased the potential of more effectively curing fungal infections. This study resulted in a patent.

Although an academic career of 38 years has been a wonderful, fulfilling trip, life as "professor emeritus" has been in its own

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right most gratifying and exciting. For me, retirement has had many positive aspects, perhaps the greatest of which has been time – time to enjoy family and friends, and time to discover new subjects and examine old interests more thoroughly. For example, I have always been attracted to the beauty of plants. Now I have the time to study them in greater detail in part by joining the experts at the Morris Arboretum as a horticulture volunteer. In addition to gardening, other favorite activities are carpentry, travel, bicycling and reading.

Dr. John W. Poole



Dr. John W. Poole graduated from Nanticoke High School in Pennsylvania, and continued his education at the Philadelphia College of Pharmacy

where he was named Most Valuable Player of the Pharmacy basketball league. After receiving a BS in Pharmacy he proceeded to earn an MS at Temple University, and finally a PhD in Pharmaceutical Chemistry at the University of Wisconsin, Madison. He spent his professional career in Research and Development in the Pharmaceutical Industry.

Dr. Poole was a pharmaceutical chemist at McNeil Laboratories from 1959 – 1965 before moving to Wyeth Laboratories to manage the Exploratory Pharmacy section. In 1981 he returned to McNeil Consumer Products as Director of Exploratory Research and was actively involved with the federal investigation of the Tylenol® incident. After 12 years at McNeil he retired for a brief period before he was recruited to serve as the Senior Vice President of Research and Development at Mutual Pharmaceutical Company from 1993–1995.

Today, Dr. Poole is an avid reader. He spends his summers at the Jersey shore and takes his books and golf clubs to Aruba where he vacations in the winter. He and his wife,

Theresa will celebrate their 54th wedding anniversary this year.

Dr. William Novis Smith



Dr. Smith has been VP of Technology at LithChem Energy for the past eight years. This venture is focused on advanced lithium cell and battery

R&D and advanced ultra capacitor R&D and is in the initial stages of limited production.

He received his BS in chemistry from MIT in 1959, and his PhD in organic chemistry from U.C. Berkeley in 1963. He was at Foote Mineral (now Chemetall) for 10 years as manager of lithium chemical research and then moved through various technical management positions with Stauffer Chemical, Air Products, and then GE.

He formed RK Carbon Fibers, Inc. (the US operation) with RK Carbon Fibers Ltd. (UK) in 1983 until 1997 when it was sold. His current lithium battery R&D venture was started in 1997 and is ongoing. He holds 87 issued US patents. Dr. Smith continues to consult in the areas of protective clothing, FR materials, thermoplastics, electrolytes, ionic liquids, lithium chemicals, inorganic fluorine chemicals, and ballistic armor and transparencies.

He and his wife Anna live in Center City Philadelphia. His interests include opera and travel

Dr. Reinhardt P. Stein

Dr. Stein, a 1954 graduate of Middletown, NY High School, attended Orange County Community College (S.U.N.Y.) and graduated with an AA in Chemistry in 1956.

Dr. Stein attended Rensselaer Polytechnic Institute in Troy, NY and received a BS in Chemistry in 1958.

In the years 1958-1963 he attended the Graduate School at The Ohio State University in Columbus, Ohio as a teaching assistant.

and on Fellowships from the National Science Foundation and the National Institutes of Health, earning a PhD in Organic Chemistry from O.S.U. in 1963.

The years 1963 to 1964 were spent as a post-doctoral Fellow at the Dow Chemical Company, Eastern Research Laboratories in Framingham, MA.

Dr. Stein joined Wyeth Pharmaceutical Company in Radnor, PA in 1964 as a synthetic Research Chemist, initially in support of the steroid project leading to the development of the synthetic progestin, Norgestrel®, for the birth-control pill, Ovral®. He developed a highly efficient total synthesis of the estrogen, Equilin®. He subsequently worked in the cardiovascular and C.N.S. areas of drug research.

In 1986 Dr. Stein joined Wyeth's Computer-Assisted Drug Design Unit, and moved with research to the Wyeth-Ayerst location in Monmouth Junction, NJ in 1987.

Dr. Stein served in the capacity of C.A.D.D. Research Scientist and Computer Systems Manager at Wyeth-Ayerst until his retirement in 1998.

In 2000, Dr. Stein moved to Chester County, PA to be near his younger daughter. His older daughter lives in Vermont. He has twin granddaughters who will be 4 years old in August 2008.

Alan Warren



I was born in 1936 and grew up in the Philadelphia suburbs. In 1958 I graduated from the University of Pennsylvania with a bachelor's degree and a major in chemistry. That

was a recession year and few firms were hiring, but I was lucky to find that Philadelphia Quartz Company had an opening in their R&D laboratories.

After working several years on applications development in the field of detergents, I then moved to the company's headquarters

in Philadelphia where I worked in technical service, providing assistance to customers and the company's sales force. Following this I spent several years managing some of the R&D services as well as developing and maintaining the firm's raw material and finished product specifications. I also wrote and edited an external newsletter sent to customers

PQ Corporation, as it was later named, established an international division in 1972 where I helped expand new markets abroad. After another brief stint in market development I returned to the new R&D labs in Conshohocken as operations manager, responsible for repair and maintenance, safety, environment, communications, hazardous waste and all those other things that enable the research staff to do research. I retired after 40 years in 1999.

Perhaps I am one of a dying breed of people who worked their entire career at one firm. Instead of job-hopping around the country, PQ encouraged employees to widen their talents and assume new responsibilities.

During my years of employment I also worked on committees of several organizations such as ASTM, American Ceramic Society, Society of Research Administrators, National Association of Scientific Materials Managers, and the Philadelphia section of ACS. I have written the "News Atoms" column in *the Catalyst* since 1972. Anyone want to take that job on?! Over the years I have also served on the publications committee, policy and bylaws committee, tellers committee, the Chemical Information Group, the Philadelphia Section award committee and on the board of directors.

Since retiring I devote countless hours to my hobby of philately but still find time to proofread two journals in the chemical field. I reside in Chester County with my wife Lorraine and our cats.

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ALSO CELEBRATING 50 YEARS

Dr. Marjam Behar, Dr. Elwood Blanchard, John Bowen, Robert Bretherick, Dr. Ara Dermarderosian, Dr. John Di Cuollo, F. E. Ehrenfeld, Milton Elefant, Dr. Robert Iacona, Donald Koestler, Jules Lapides, Roman Lasota, Dr. Frank Mallory, Dr. Wilford Mendelson, Stuart Michelson, Ray Mihailovich, John Reehling, Dr. Daniel Woodside.

SECTION MEMBERS CELEBRATING 60 YEARS WITH THE ACS

Dr. Myron Becker, Helen Ebert, Dr. Robinson Ertelt, Ann Farren, Dr. Richard Fenichel, Dr. Nathan Field, Dr. Frank Gay, Dr. Newton Goldberg, Roland Harper. Nicholas Horsky, Dean Humphrey, Dr. Raymond Knauff, Dr. Walter Koch, Stanley Le Sota, Richard Leonard, Dr. James MacKenzie, Dr. William Middleton, Vincent Moser, Dr. Joseph O'Brien, Dr. Helmut Pessen, Carl Pfeiffer, Dr. Harry Podgurski, Joseph Prane, Dr. Frank Precopio, Stanley Schechter, Kurt Schoen, Merrill Smith, Dr. Harold Wilson.

SPEAKER'S ABSTRACT AND BIOGRAPHY

The Chemistry of Leadership: Bridging the Gap—Transforming the Future!

Dr. Catherine T. "Katie" Hunt Immediate Past President, ACS and

Leader, Technology Partnerships, Rohm and Haas Company

Abstract: In *The Fifth Discipline*, Senge points out that the common characteristic of innovative organizations is their ability to learn. According to Senge, learning organizations are: "...organizations where people continually expand their capacity to create the results they truly desire, where new and expansive patterns of thinking are nurtured, where collective aspiration is set free, and where people are continually learning to see the whole together."

Creating a learning organization takes leadership...leadership at all levels!

We will discuss the chemistry of leadership from focus and alignment to skills and competencies; and, my personal favorite, passion – using ACS, Advocacy and Sustainability as themes!

Biography: Dr. Hunt is Leader of Technology Partnerships at the Rohm and Haas Company. She began her career as a senior scientist at Rohm and Haas Company after completing an NIH Postdoctoral Fellowship at Yale University. Dr. Hunt holds an AB in Chemistry (Cum Laude) from Smith College and a PhD in Chemistry from the University of California, Davis. She is the Immediate Past President of the American Chemical Society.

Dr. Hunt has received many awards, including being one of just 25 women to represent the U.S. in the People to People Ambassador Program's Women in Science Delegation to Cuba (2001). She was named one of Pennsylvania's "50 Best Women in Business" by Governor Rendell (2007), and she received the Smith College Medal from their Board of Trustees (2008). Katie serves on the MIT Visiting Committee for Chemical Engineering and the Board of Directors of ASTRA. She was an organizing member and co-author of the Vision 2020 Nanotechnology Road map. Dr. Hunt is a fellow of the American Association for the Advancement of Science, and a member of the International Union on Pure and Applied Chemistry and Sigma Xi.

THOUGHT TO PONDER

A new scientific truth does not triumph by convincing its opponents and making them see the light, but rather because its opponents eventually die, and a new generation grows up that is familiar with it —Max Planck

DEBORAH EILEEN KILMARTIN



Deborah E. Kilmartin died May 6th at Delaware County Memorial Hospital in Drexel Hill, PA at age 53, following complications from surgery earlier in the year. Born in Darby,

PA, she graduated from Sharon Hill High School and earned an associate's degree in natural science from Delaware County Community College where she majored in chemistry. She attended West Chester University where she was active in the biology and chemistry clubs. While at the university she undertook a work-study program at Bullen Chemical Company. In 1979 she obtained her BS in chemistry/biology at West Chester.

In her senior year in college she was introduced to her eventual field of environmental chemistry by interning at the local health department, testing well water. She then worked briefly for the DELCORA sewage authority as a laboratory technician, and later was hired as a plant chemist by Chem-Clear, Inc., a hazardous waste pretreatment facility. After four years she moved to AGES Laboratories where she worked as an environmental chemist for two years.

Deb then decided to pursue a graduate degree in environmental chemistry at Drexel University while working there as a lab technician. This was followed by a stint as a research technician, conducting atmospheric research in Hawaii and Colorado with Drs. Alan Bandy and Donald Thornton. She then transferred to the Health and Safety Department of Drexel and obtained certification as a Chemical Hazardous Materials Manager in 1989.

Deb joined Halliburton NUS (later Brown and Root Environmental Company and eventually TetraTech NUS) as a chemist. The firm was a contractor under the EPA's Superfund Program. She widened her experience and travels as a chemist in a mobile

laboratory, working first in EPA Region III, and later conducting field chemistry in other parts of the country. This was the most satisfying part of her career as it was filled with adventure. She also served on the Pennsylvania Department of Environmental Protection's Environmental Justice Advisory Board

Following later positions with the Philadelphia Office of the US Army Corps of Engineers and at Environmental Standards, Inc., she was forced to leave full-time employment for health reasons. Deb then worked as a consultant to some of her former employers, most recently as senior environmental scientist with GeoTrans, Inc. She served part-time as sacristan at Malvern Retreat House. She was also active in the Philadelphia support group of the Carcinoid Cancer Foundation.

American Chemical Society

Deb Kilmartin was one of the Philadelphia Section's most loyal and hardworking members. She edited the Section's journal, *the Catalyst*, from 1985 to 1994, after serving as production manager the previous year. She was a long-term active member of the Publications Committee and was chairman at the time of death. She has served in various offices for the Philadelphia Section including director (1988-1991, 2000, 2004); councilor (1996-1999 and 2001-2008); secretary (2001-2003); and Section Chair in 2006.

She worked on many Section committees including the 2004 national meeting hospitality committee, diversity committee, National Chemistry Week, chemist in the classroom, women chemists committee, social committee, tellers committee, policy and bylaws committee, chemical health and safety committee, and was environmental topical group chair from 1997-2001. She worked arduously on the Expand Your Horizons program from its inception in 1999 right up until the present.

For national ACS, in addition to her service as councilor and alternate councilor, Deb served on the committee on environmental improvement, the admissions committee, the

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Middle Atlantic Regional Meeting (MARM), and Homeland Defense and Role of Chemists. Among her many honors, she was the first to receive the ACS Salutes to Excellence Award in 2003. She received the Section's Ullyot service award in 1994, the Philadelphia Section service award in 1988, and was recognized by the Institute for Hazardous Materials Management and the Academy for Hazardous Materials Management.

Deb's dedication to spreading her love of chemistry was seen in her continuing activity in area school classroom presentations as well as at St. Christopher's Hospital, and in the January graduate and undergraduate poster programs of the Philadelphia Section. In 2007 she served on a panel of three judges to select winners of the Chemagination contest in conjunction with the 2007 MARM at Ursinus College.

Deb Kilmartin was proud of her classroom demonstrations which usually featured "green slime." Her enthusiasm and dedication in her working life as well as in her volunteer positions were extraordinary. Anyone who ever worked with her or served on a committee with her could not help but be affected by her unbridled energy and great sense of humor. She will be sorely missed.

Deb Kilmartin is survived by her brothers Kevin and Sean, and her sisters Kathleen Crawford, Collen Scattolini and Maureen Kelly Carreño. Donations in Deb's memory can be made to The Carcinoid Cancer Foundation, Inc., 333 Mamaroneck Ave. #492, White Plains, NY 10605, and Amigos de Jesus, 118 Woodland Ave., Malvern, PA 19355.







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All committees are looking for new members and several are looking for "take charge" chairs. Some, like the Teller's Committee, involve minimal work—one night per year and pizza provided. Others, like positions on Publications or Social Committees, involve one or two hours per month.

Committee details can be found at: http://www.membership.acs.org /p/philadelphia

or by calling Mrs. Libby Harper at the Philadelphia section office 215-382-1589.

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PHILADELPHIA SECTION, ACS 2008 CALENDAR OF EVENTS

DATE	EVENT	LOCATION
June 6	Bristol Meyers Squibb Lecture: Masakatsu Shibasaki, University of Tokyo www.chem.upenn.edu	University of Pennsylvania Philadelphia, PA
June 11	Chemical Consultants Network Open Forum www.chemconsultants.org	Cynwyd Club Bala Cynwyd, PA
June 17	Chromatography Forum of the Delaware Valley: <i>Role of the Column in Reversed-</i> <i>phase HPLC</i> http://cfdv.org	ACE Center Conshohocken, PA
June 19	50-year Member Luncheon Catherine (Katie) Hunt, ACS and Rohm and Haas	William Penn Inn Ambler, PA
Aug. 16	Symposium Honoring Robert Hutchins Contact Ira Taffer at taffer@biomol.com	Drexel University Philadelphia, PA
Aug. 17-21	ACS Fall National Meeting	Philadelphia, PA
Sept. 18	Victory Brewing Company Tour	Downingtown, PA
Oct. 16	Philadelphia Section Award	TBA
Nov. 20	Ullyot Lecture: Bernard Bigot Commissariat á l'énergie atomique France	Chemical Heritage Foundation Philadelphia, PA
Dec. 13	Herb Bassow Memorial Chemistry Demonstrations and Hands-on Activities	TBA



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