

the Catalyst



ACS
Chemistry for Life™

June 2024
Volume 109, No. 6



JUNE MEETING

Monday, June 10, 2024

11 AM to 2 PM

**50-, 60- and 70-Year Member Appreciation Luncheon with
Michelle Francl, Frank B. Mallory Professor of Chemistry,
Bryn Mawr College**

Wyndham Alumnae House, Bryn Mawr College

Tickets available now at <https://pacs-2024-06.eventbrite.com/>

HIGHLIGHTS

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ADVANCE NOTICE

JULY MEETING

No Section-wide meetings are held in July or August

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**Comments
From
the
Chair**



Dear Members and Friends of the Philadelphia Local Section,

As we step into June, I want to reflect on the wonderful events we've had and share exciting news about our upcoming gathering.

Firstly, our Award Ceremony for Excellence in Teaching and Student Scholastic Achievements on May 1st was a significant success. We celebrated 23 outstanding educators and students in the chemical sciences, with a fantastic turnout of 71 attendees. A special thanks to Prof. Linda Mascavage, Heather Sherman, and the entire Chemistry Department at Arcadia University for hosting this inspiring event.

Looking ahead, we are thrilled to invite you to our June Meeting and Member Appreciation Luncheon. This event will honor our 50-, 60- and 70-Year Members and will feature a special keynote presentation by Michelle Francel, the Frank B. Mallory Professor of Chemistry at Bryn Mawr College. Dr. Francel, a distinguished chemist and tea enthusiast, will share her insights into the chemistry of tea, blending scientific knowledge with practical brewing tips.

The luncheon will be held on Monday, June 10, 2024, from 11:00 AM to 2:00 PM at the Wyndham Alumnae House, Bryn Mawr College. Join us for an afternoon of networking, celebration, and enlightenment. Admission is \$40 per person. You can register for the event [here](#).

We look forward to honoring our long-standing members and enjoying an inspiring presentation together!

Warm regards,

Dr. Matthew Irwin

Chair, ACS Philadelphia Local Section

NEWS ATOMS—Alan Warren

University of Pennsylvania chemistry professor **Virgil Percec** was elected to the American Academy of Arts and Sciences for 2024. The honor recognizes those “artists, scholars, scientists, and leaders...for their accomplishments and for the curiosity, creativity, and courage required to reach new heights.” Percec has over 800 publications including 20 books, has presented 1300 lectures in more than 30 countries, and holds 80 American and European patents. His fields of interest include macromolecular chemistry, catalysis, nanoscience, and synthetic biology.

DEATHS

Robert W. Stevenson, retired research chemist and professor, May 7, 2024 at 93. He held research positions with Celanese and Mobil Chemical and then moved into teaching. He taught at Cheyney University, Neumann University, and the University of the Sciences. He was a 70-year member of the ACS and would have been honored at the luncheon in June.



ACS Local Section
Philadelphia

761th ACS Philadelphia Section Board of Directors Meeting

June 13, 2024
Via Teleconference

CODE OF CONDUCT

As members of the Philadelphia Section of the ACS, we shall abide by the Chemists' Code of Conduct which states in part that "Chemical professionals should seek to advance chemical science while striving for the highest standards of scientific integrity. Chemical professionals should treat others with respect and will not engage in discrimination, harassment, bullying, dishonesty, fraud, misrepresentation, coercive manipulation, censorship, or other misconduct. Such actions apply to all professional, research, and learning environments."

AGENDA

(Meeting will convene at **7:00 PM** and end promptly at 8:00 PM.)

- I. Roll Call
- II. Approval of Meeting Minutes
- III. Officers' Reports:
 - a. Chair – Matt Irwin
 - b. Immediate Past Chair – Graham Dobereiner
 - c. Chair-Elect – Wei Gao
 - d. Secretary – Andrew Devany
 - e. Treasurer – Wei Wang
 - f. Chair of Council Affairs – Anne DeMasi
- IV. Committee Reports
 - a. Budget & Finance – Vic Tortorelli
 - b. Career Services – Jim Murray
- V. Other Business

For those participating by teleconference: All Officers and Directors should have received a Google Calendar invitation with a Zoom Link. For those who have not received this information as well as for your convenience, please use the following information to access the teleconference:

By Internet: register by following this link:

<https://american-chemical-society.zoom.com/j/86436282837?pwd=ST1wTy9paENWS1Myd2ZlXQk4wSHVidz09>

Zoom Meeting ID: 864 3628 2837

Password: 568816

By Phone:

Phone Number: +1 646 558 8656 or +1 301 715 8592

Access Code: 864 3628 2837

Password: 568816

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Councilors & Alternate Councilors
Committee & Group Chairs

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April 21-27, 2024 | #CCEW

www.acs.org/ccew



2024 Illustrated Poem Contest Winners

The Education and Outreach Committee of the Philadelphia Local Section celebrated Earth Week with a poetry contest for K – 12 graders. We received almost 100 entries! The entries were judged by members of the committee, and the four winners each received a \$50 prize and advanced to the ACS National level of the competition. Congratulations to all! And thank you to the STEM educators in the local section who supported and encouraged their students to “Get a Charge Out of Chemistry”!

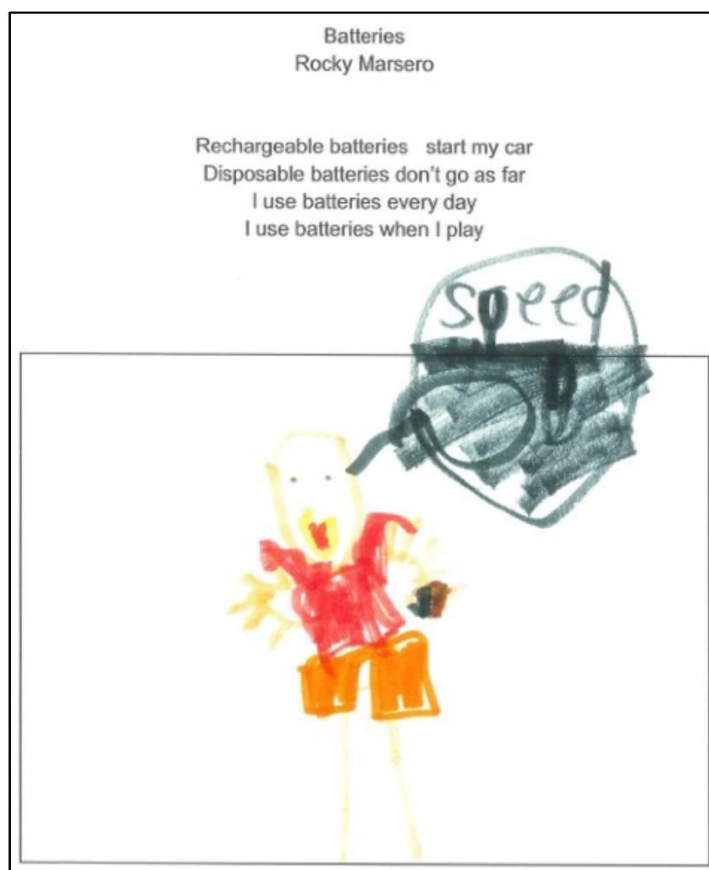
Winners:

Rocky Marsero, K – 2nd Grade

Dani Conlow, 3rd – 5th Grade

Rishav Shah, 6th – 8th Grade

Mary Wolters, 9th – 12th Grade

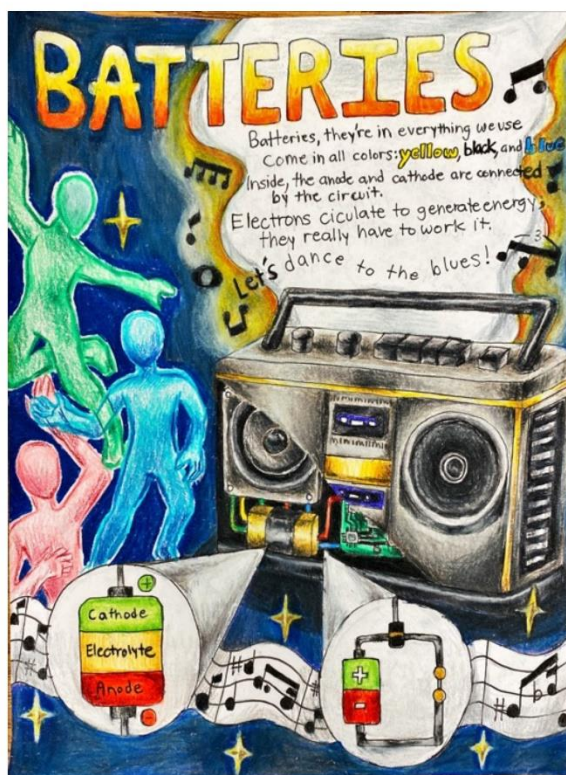
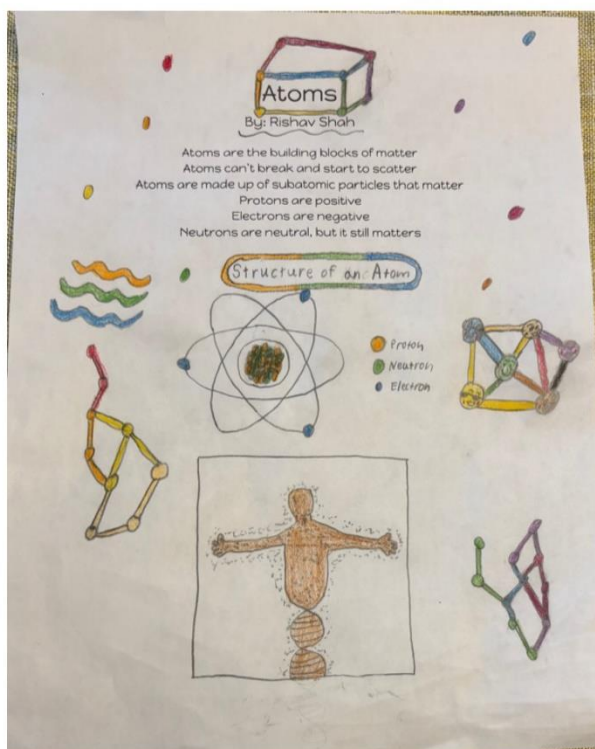
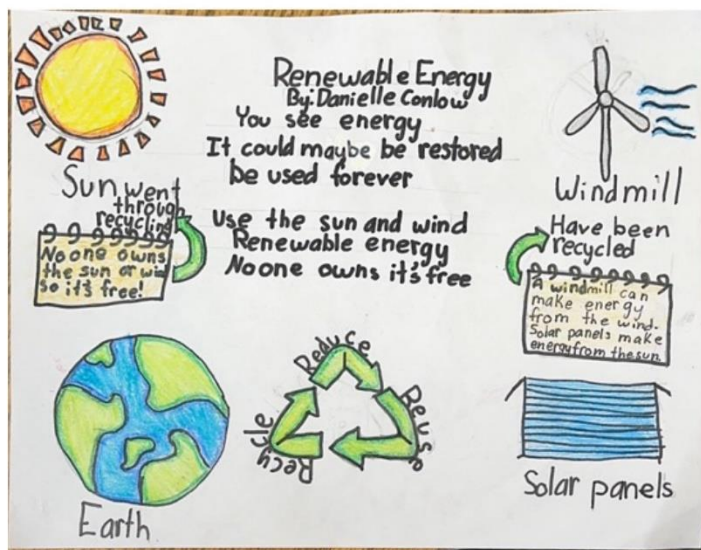


submitted by Tom Umile, Education & Outreach Chair

GET A
CHARGE
OUT OF CHEMISTRY

April 21-27, 2024 | #CCEW

www.acs.org/ccw



HONORING OUR 50-, 60- and 70-YEAR MEMBERS

At our June Section meeting, we will honor our 50-, 60- and 70-year members, presenting them with a certificate and luncheon in recognition of their long and faithful service to the Society. Those being honored are the following:

SECTION MEMBERS CELEBRATING 50 YEARS OF SERVICE

Magid Abou-Gharbia, PhD, FRSC



Magid Abou-Gharbia, is the Laura H. Carnell Professor of Medicinal Chemistry and Founding Director of the Moulder Center for Drug Discovery Research at the School of Pharmacy at Temple University in Philadelphia, PA.

In 2008 Magid transitioned to academia joining the School of Pharmacy at Temple University where he founded the Moulder Center for Drug Discovery Research, a medicinal chemistry-centric academic drug discovery organization whose mission is focused on the discovery of novel drugs for unmet medical needs, providing guidance to academic researchers and training new generations of drug discovery scientists. <https://www.youtube.com/watch?v=2yotuH6ZU0c>. Under his leadership, the Moulder Center identified novel drug candidates for the treatments for cocaine and alcohol addiction, metabolic disorders, cancer, and lysosomal storage diseases, which led to the formation of four spin off companies based on licensing of his Center's IP to external companies.

Prior to Temple, he spent 26 years at Wyeth Pharmaceuticals as senior VP of Chemical and Screening Sciences directing 500 scientists at 4 sites in the US and additional scientists in Hyderabad, India, Shanghai, China and in the UK. His team's efforts led to 10 marketed drugs and resulted in receiving 5 Heroes of Chemistry Awards. His efforts with the ACS in the mid 90s led to establishing key initiatives such as the ACS Heroes of Chemistry (1996) and Pharma Leadership meetings (2003). He has a BS in Pharmaceutical Science (1971) and MS in Medicinal Chemistry (1974) from Cairo University, and a PhD from the University of Pennsylvania (1979) with Professor Madeleine Joullie. He has >128 US patents and 350 worldwide, 130 publications, and has received numerous awards including two ACS Heroes of Chemistry awards for discovery of Toresil (2008) and Effexor (2014), Alfred Burger award in 2008 and Induction to Medicinal Chemistry Hall of Fame in 2008. Full Bio Web link:

<https://pharmacy.temple.edu/directory/magid-abou-gharbia-phd-frsc>, Google Scholars:
<https://scholar.google.com/citations?user=9lstbyMAAAAJ>.

Dr. Dennis Annarelli



Dr. Annarelli holds a BSc in Chemistry from St. Joseph's University and a PhD in Inorganic Chemistry from MIT.

Dr. Annarelli has held technical and managerial positions in numerous technology-driven companies over a near 50-year industrial career. Most recently he was a founding member and VP, Operations at PendoTECH, a supplier of sensors and monitors for in-process analysis to biopharmaceutical, vaccine, and cell and gene therapy companies. PendoTECH was acquired in 2021 by Mettler-Toledo International.

Dr. Annarelli retired at the end of 2023. He now spends his time cycling, practicing yoga, enjoying a beach house at the Jersey shore with his wife of 52 years, and visiting with their 3 children and 2 grandchildren.

Howard Blum



Howard Blum has been a member of ACS since 1973, graduating from Miami University in 1975 with a BA/BS in Chemistry, and working as a teaching assistant. He joined Conoco Chemicals in 1977 and helped develop the first commercial catalyst support for the automotive industry (pellets and wash-coats), and later assisted developing new catalyst supports for the petrochemical industry. While working, he earned an MBA from Fairleigh Dickinson University, and focused on the business of the chemical and pharmaceutical industry.

Howard's career moved into the world of consulting, joining Chem Systems, The Catalyst Group and Kline Inc., working globally in Asia Pacific and European regions, and adding expertise in the polymers industry, including metallocene catalysis, polyolefins, emulsion polymers for coatings and engineering plastics. More recently, he transitioned into environmentally sustainable industries such as oleo chemicals used in personal care and life sciences. Howard continues to assist clients in strategic market/technology assessment, M&A due diligence, etc. He is especially interested in how market strategies are impacted by regional business cultures, and partnering/licensing programs between industry, government and academia.

John J. Dingerdissen

John J. Dingerdissen obtained his MS in Medicinal Chemistry & Pharmacognosy from The School of Pharmacy, Purdue University in 1973. He holds a BA degree in Biology from Jersey City State College. He completed the Wharton Evening Management Program at the University of Pennsylvania and was awarded a Certificate in Business Administration in 1985.

Through much of his career, John has served as a global leader in development and manufacturing of vaccines and large and small molecule drugs for large pharmaceutical companies. Presently,

he is the President of his consulting firm, JJD Pharma Consulting, LLC, through which he applies his decades of experience in the development and manufacture of biological drugs, vaccines and other pharmaceuticals to emerging-growth stage companies. His focus while in large Pharma had been to oversee the creation of a Drug Product Development group including a newly formed Device Development organization in support of developing Pre-filled Syringe (PFS) products and an autoinjector which housed an existing PFS with a Mab (monoclonal antibody) included. This extensive patient-centric approach proved useful in obtaining licensure of this autoinjector following the approval of the PFS product. Since 2017, John has been a senior consultant to more than six start-up Biotech companies in their quest to develop and manufacture new biotech products for both clinical and commercial use. Recently, as a key leader in CMC/MFG, he helped a startup biotech successfully gain FDA approval of a Mab and helped the company become a successful buyout candidate from a technical performance point-of-view. He worked to set the company up for a successful acquisition by a large Pharma this year.

In 2017, John retired from his role as Janssen R&D's Global Lead, Process Workstream in Pharmaceutical Development and Manufacturing and, in that capacity, was responsible for the strategy and implementation of the new virtual Process Playbook and the development of a 3–5-year Process Engineering Strategy. His responsibilities included advising and directing Janssen's membership on the two CMC Councils for large and small development projects, which required him to manage cross-functional, cross-value stream matrix teams in the 2-year implementation of the JNJ process playbook. He also represented Janssen R&D on the PhRMA Global Quality & Manufacturing Committee in Washington DC.

Before that, he served as Janssen's Vice President and Global Head of Drug Product Development. Earlier during his Janssen tenure, he was VP of Drug Product Development in BioPharmaceutical Development and Manufacturing Sciences (BioPDMS) for two new biological products (Stelera and Simponi). While at Centocor, he was VP of Worldwide Technical Services and Project Management group at GBSC. Before that, he was VP of Worldwide Manufacturing Operations, Centocor, in which he was responsible for managing two pharmaceutical manufacturing plants and three contract manufacturing partners.

Dr. Kevin Hicks



Kevin Hicks, PhD, is a Retired Research Leader for the USDA's Flagship Research Agency, the Agricultural Research Service. Kevin spent 35 years conducting and leading research at USDA's Eastern Regional Research Center in Wyndmoor PA. There, Kevin led large teams of scientists and engineers conducting research to develop sustainable biofuels, healthy food ingredients, and many other valuable new products from agricultural commodities, crop residues and agricultural byproducts. Kevin is the author or coauthor of over 200 peer-reviewed publications and issued patents. Kevin is a Past Chair of the ACS

Division of Carbohydrate Chemistry and a Past President of the Philadelphia Society for Promoting Agriculture.

He lives in Malvern PA, and currently serves on the board of Lundale Farm Inc., Pottstown PA, where he is currently leading an effort to remove invasive plants and regenerate the forest in Lundale's 180 wooded acres.

Dr. David Kronenthal



David Kronenthal conducted Postdoctoral research at Columbia University (1978-80) where he worked for Gilbert Stork on the synthesis of Histronicotoxin.

Dave joined The Squibb Institute for Medical Research in 1980 where he initially worked on developing SAR for monocyclic beta-lactams (monbactams). In 1985, he moved into the areas of chemical process research and chemical development where he spent 31 years identifying and developing synthetic routes to drug candidates including several commercial products. During this time, he earned increasing responsibilities and, beginning in 2004, held the positions of Executive Director, Process R&D; Vice President, Process R&D Development (2009); and Vice President and Head of Early Phase Chemical Development (2010). In addition to leading chemistry, homogeneous catalysis, and biocatalysis, and separations groups, Dave was responsible for strategic outsourcing (small molecule intermediates and APIs) for seven years.

Dave was recognized with the 2008 Bristol-Myers Squibb James Palmer Award for Excellence in Drug Development "In Recognition of Transformational Changes in the Business Processes of API Deliveries" as part of his contributions to the Discovery-Development interface. Dave was co-chair of the Bristol-Myers Squibb Unrestricted Chemistry Grant Committee from 2003-14.

In 2016, Dave became Vice President and Head of the newly formed Pharmaceutical Development Product Development Portfolio Strategy and Integration department. In this role, Dave was accountable for developing and leading cross-functional CMC teams and working closely with the clinical organization in order to deliver on pipeline goals.

Dave played a key role in building and expanding PD capabilities for the Biocon-BMS Center (BBRC, located on the campus of Syngene International, Bangalore, India) extending back to the start of the collaboration in 2007. He was Head of PD-BBRC for several years (2016-2018) and worked closely with BMS colleagues on an expansion of staff, capabilities, and facilities.

After 38 years at BMS, Dave retired at the end of April, 2018. He is currently a consultant to biotech companies. In this role, he provides strategic and tactical guidance to companies and their project teams in order to advance development projects.

Dr. Harry Mazurek

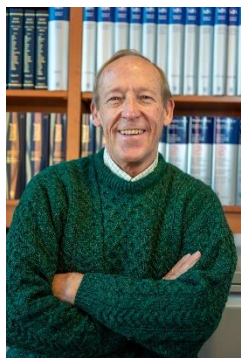


Harry Mazurek received his undergraduate degree from New York University (joining ACS as a junior) and his doctorate in Inorganic Chemistry from Brandeis University. It was there that he met Susan, his wife and fellow chemist. Following a PostDoc at MIT, he joined ARCO Chemical Company, in 1981.

Over the next 19 years he moved from the lab to commercial development, and ultimately returning to research to lead their New Product R&D department. After ARCO was acquired, he joined the Cooper Health System to build their research institute, which he directed for 21 years. With the formation of the new Cooper Medical School of Rowan University in 2010, he was also named its inaugural Associate Dean for Research.

In the fall of 2023, he retired from Cooper and transitioned to emeritus status at the medical school.

Dr. Gary Molander



Gary Molander received his BS degree in Chemistry from Iowa State University under the tutelage of Professor Richard C. Larock and earned his PhD with Nobelist Professor Herbert C. Brown at Purdue University. After an NIH Postdoctoral Fellowship stint at the University of Wisconsin, Madison, with Professor Barry M. Trost, he began his independent career as an assistant professor at the University of Colorado, Boulder, rising through the ranks to professor before moving to the University of Pennsylvania, where he served as Chair from 2009 to 2018. His research interests are in the development of new synthetic methods for organic synthesis.

He has won numerous awards for his research and teaching efforts, including a Japanese Society for the Promotion of Science Fellowship, the Philadelphia Section Award of the American Chemical Society, the Christian R. and Mary F. Lindback Award for Distinguished Teaching at the University of Pennsylvania, the Purdue University Department of Chemistry Outstanding Alumni Award, the Council for Chemical Research, Research Collaboration Award, the Boron in the Americas Frontier Award, the American Chemical Society Herbert C. Brown Award for Creative Research in Synthetic Methods, the Harry and Carol Mosher Award, the IPMI Jun-ichiro Tanaka Distinguished Achievement Award, a Jean d'Alembert Fellowship at the Université Paris - Saclay, and a Jean Dreyfus Lectureship at the University of Colorado, Pueblo.

Professor Molander has been actively engaged in the dissemination of scientific information to the community. He currently serves on the editorial board at Thieme with *Science of Synthesis*, as Editor-in-Chief of Elsevier's *Comprehensive Organic Synthesis 3e* and *Comprehensive Organic Functional Group Transformations*, and the Advisory Board of *Chem Catalysis*. He was

an Associate Editor of *Organic Letters* for 16 years, an Executive Editor of *Encyclopedia of Reagents for Organic Synthesis* (Wiley) for 6 years and served on the Board of Editors of *Organic Reactions* (Wiley) for 5 years. He was awarded the American Publishers PROSE Award for a Multivolume Reference/Science publication as Editor-in-Chief of *Comprehensive Organic Synthesis*.

He was an active member of the Division of Organic Chemistry of the American Chemical Society, serving as Member-at-Large of the Executive Committee, Secretary-Treasurer, and Chair of the Division. He was also the Executive Officer of the National Organic Symposium and served as one of the co-chairs of the Division of Organic Chemistry Graduate Research Symposium for 13 years. He was elected a Fellow of the American Chemical Society and in 2010 was awarded the Paul G. Gassman Distinguished Service Award, Division of Organic Chemistry, American Chemical Society.

Richard J. Newman



Richard J. Newman retired from Solvay USA Inc., after more than 50 years working in the Chemical Industry. Living in Philadelphia, PA with his wife, Debra, he now teaches part time in the Philadelphia Public School system.

Albert C. Rieck



Albert (Al) C. Rieck graduated from Temple University in August 1973 with a BA in Liberal Arts with a concentration in Chemistry (Temple's College of Science and Technology was not yet in existence in 1973 and course work and degrees for all science majors were through the College of Liberal Arts).

His first professional position was as a Product Development Chemist for Philadelphia Resins Corp., Montgomeryville, PA. In 1979, Al accepted a position with the Rohm & Haas Co. in the Research Division responsible for water-based acrylic polymer development at their Spring House, PA Technical Center.

Initially at Rohm & Haas, Al worked as a Technical Service Chemist in the Adhesives & Sealants Applications Group. In 1984 he became a Process Development Chemist with the Polymer Technology Research Department in the Pressure Sensitive Adhesives Scale-up Group. In 1994, Al moved to the Rohm & Haas Bristol Research Center as Group Leader writing Best Technology Processes for all water-based acrylic polymer products and overseeing the transition of Process documents from paper to digital for those products. In 1997, he moved back to the Spring House

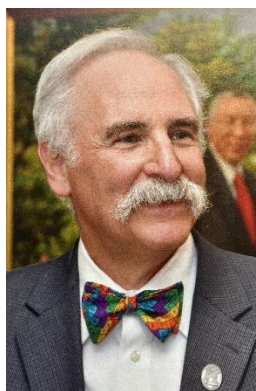
Technical Center as Group Leader for Pressure Sensitive Adhesive (PSA) Process Development, a position he held for the remainder of his career.

Over the ensuing 14 years, Al's duties at various times also included being PSA Process Steward (manufacturing support) and responsibility for Process Development for a wider variety of uses for water-based acrylic polymers including paper, textile, non-woven, leather, and caulking applications. When Dow Chemical acquired Rohm & Haas in 2009, Al's duties did not change but he gained the title of 'Global Subject Matter Expert for Pressure Sensitive Adhesive Processing.' Al retired from Dow in September 2011.

Al and his wife Barbara have been married for 42 years and have two grown children. In addition to his professional career, Al served (2005-2021) as a Special Awards Judge for the MCSTA (Montgomery County) Science Competition. Over the years, he held positions of responsibility with his Church Community, Lansdale Little League, North Penn Girls Softball League, Montgomery Township Boys & Girls Soccer Leagues, Cub Scouts, Boy Scouts, and the Lansdale Chapter of the Jaycees. He was twice elected to Lansdale Borough Council (1987, 1991) and ran two additional times for that position plus ran twice for State Representative in the 53rd Legislative District.

Al is an Eagle Scout (1967), and was twice listed in "Outstanding Young Men of America" (1986, 1987). He received the 2012 Molly Kavash Lifetime Achievement Award and the 2022 Distinguished Service Award from the North Penn Area Democratic Committee.

Dr. Victor J. Tortorelli



After earning a BS in Chemistry at Manhattan College and a PhD in Organic Chemistry at Princeton University, I began my academic career at Haverford College where I served as a Visiting Professor for two years and then 39 years at Ursinus College as Professor of Chemistry retiring in 2020. Currently I continue as director of the Ursinus College Science in Motion outreach program now in its 25th year of service. I have served the Philadelphia Section as a member of the Communications Committee (1988 – present), Director (1993 – present), Chair (2000), Co-chair of MARM 2007, Budget & Finance Committee Chair (2015 – present), and recently served on the Strategic Planning Group (2023). At the national ACS level, I serve as a member of the Budget & Finance Committee (2022 – present). When not involved in the activities above I enjoy travelling with my wife, Kathy, to National, Baseball, and Disney Parks.

Sister Jonathan Wachko



Sister Jonathan Wachko, OSBM, displayed unusual curiosity at an early age into the mystery of matter and life. Nature became key to her human vision of God. She entered a religious teaching community of the Sisters of St. Basil, Philadelphia, PA. She decided that as long as she was in a place willed by God, she would be a faithful and supremely useful atom in this universe.

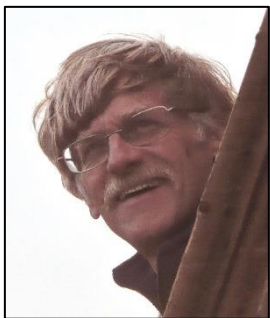
Earning a BS, biology, Duquesne University, Pittsburgh, PA, 1972, and MS, Biology, Chemistry, Duquesne University, 1975, with post graduate studies in both fields at Villanova University, Beaver College (now Arcadia University), Glenside, PA, Ball State University, Muncie, IN, and SUNY State University, Cortland, NY. An MA, in Theology, St. Charles Seminary, 1999, Overbrook, PA. A teaching certificate in ceramics and chemistry, National Ceramics Association, Mount Clair College, 1976.

Her chemistry and biology instruction crossed a wide spectrum, extending from high schools, to college, to the university, in the states of Ohio, New York and PA. For over a decade she served on the Philadelphia Archdiocesan Secondary Science Curriculum Board, and many years as a judge for the Pennsylvania Junior Academy of Science for high school science student projects.

In 1991 she was selected, and sponsored by the American Chemical Society, with 14 other chemistry teachers, to travel to Moscow, USSR, at the invitation of the Mendeleev Institute of Chemical Technology to hold workshops for Soviet chemistry teachers utilizing an experimental approach and Chem Com text. Equipment and chemicals were provided by ACS.

After retiring from her teaching profession, she was appointed as Director of Religious Formation for the Archeparchy of Philadelphia. She spent two summers in Biblical Excavations with the Bat Kol Institute, Jerusalem, 2001-02, travelling throughout Israel. Presently, she volunteers as mentor for first- and second-year health students at Jefferson University, Philadelphia, PA.

Dr. William M. Watson, Jr.



Dr. W.M. “Marty” Watson, Jr. drifted into chemistry as a 7th grader with a periodic chart of real elemental samples. Georgia Tech followed, where he was president of DramaTech, VP of the Student Center, and graduated with a BS in Chemistry. The ETH Zurich welcomed him as an exchange student in chemistry and geology. His thesis work at the University of Illinois-UC (PhD Physical Chemistry under Yardley) involved the time-resolved spectroscopy of europium and chromium, at a time when even a nanosecond was an unimaginably short interval.

Everything he really needed to know, however, was learned during 27 years at the Rohm and Haas Co. He moved from environmental chemist, analytical chemist, new technology specialist, coatings technologist, graphic arts expert, Total Quality guru, to retiring as manager of the New

Product Process - Coatings. He also served on the board of the Product Development and Management Association. After this training period, he applied that learning through his consulting partnership, Ingenuity LLC.

Presently, Marty and his wife Margy migrate with the seasons between Pennsylvania, Colorado, and Florida. They enjoy two daughters and two grandchildren.

SECTION MEMBERS ALSO CELEBRATING 50 YEARS

Michael Christie, Dr. Martin Durney, Linda Farr, Dr. Renata Gaughan, Michael Gavaghan, Henri Guiraud, Geoffrey Henson, Dr. W. Kokke, Dr. Kyu Lee, Dr. Laurence Reilly, John Schuler, Richard Siegel, Dr. Stephen Smith, Dr. P. Sundararaman, Dr. Wu Wu.

HONORING OUR 60-YEAR MEMBERS

Dr. Howard Cunningham

Howard Cunningham received a BS (1964) and PhD (1969) in Chemistry both from the University of Pennsylvania.

He joined Lever Brothers Co. in 1969 and worked in Detergent Chemistry Research. In 1972 he joined Pfizer in the 1974 Fermentation Chemicals Technical Service area. In 1974 he joined Witco Corporation (also known as Witco Chemical) and worked in Market Research for two years and then for 21 years managed regulatory affairs on a corporate-wide basis. Witco was a collection of 15 petroleum refining and specialty chemical operations.

In 1997 he retired from Witco. Within a few years the company was merged into other manufacturers. After he retired, he taught basic organic chemistry at the College of New Jersey (near Trenton) for three years.

Since 2001 Howard has been enjoying the senior citizen life. It doesn't seem like it has been 10 years since he attended a 50-year member luncheon in Chestnut Hill.

Dr. Edward J. Smith



Ed is a proud graduate of Villanova University, class of 1964, with a BS in Chemistry. He then earned his MS and PhD degrees from Seton Hall University in 1966 and 1968 respectively where his research focused on the application of photochemistry in chemical analysis. It was his good fortune to meet with Dr. George Beichl of St. Joseph's University at the 1967 National ACS Meeting who later that year offered Ed a position on the faculty of the Chemistry Department where he taught various courses in Analytical Chemistry and directed the research of MS candidates.

After a rewarding 10 years at St. Joseph's, he joined West Pharmaceutical Services where he applied his skills in the development of packaging materials for injectable drug products. He later joined Helvoet Pharma, a European developer of pharmaceutical packaging components, as VP of US Technical Affairs.

In 2000 he was offered a position in the Packaging Science Department at Wyeth Pharmaceuticals where he led a group that developed packaging for injectable vaccines that required temperature-controlled handling and shipping. In 2008 he retired from Wyeth and started a career in consulting under the name of Packaging Science Resources in which he was active until 2020.

During his career, Ed published many articles and book chapters and was a frequent speaker at industry meetings and courses related to pharmaceutical packaging and cold chain.

Ed and his incredibly supportive wife of 60 years, Theresa, now reside in a retirement community where they enjoy many new friends and activities.

Dr. Peter Whitman



Peter Whitman received a BS in Chemistry (Magna Cum Laude) and MS in Chemistry (with Harry Schultz) both from the University of Miami and a PhD in Organic Chemistry (with Barry Trost) from the University of Wisconsin and was a PostDoc Fellow (with Ian Scott) from Yale. Whitman's last position was Senior Research Scientist at LyondellBasell.

He has three dozen patents and publications. He was awarded the Olin Research & Technology Award in 1995 and the Lyondell Technology Leadership Award in 2008 for advances in Catalysis. His late wife, Fran, passed away 15 years ago. He has three children: Andy, formerly director at

Kraft and now founder of a venture capital fund; Michelle designs web pages; Danny is a director at Broadway Cares and is a composer and lyricist.

SECTION MEMBERS ALSO CELEBRATING 60 YEARS

Dr. Glenn Beasley, Dr. Karel Bernady, Carl Bowden, Dr. Horn Chu, Dr. John Drach, Dr. Barbara Forman, Dr. Hyman Gillman, Dr. Malcolm Haskell, Dr. Martin Jacobs, Dr. Matthew Krause, Dr. John Labows, Jr., Dr. Daria Lissy, Dr. Ernest Novak, Dr. George Petersson, Dr. David Russo, Howard Salmon, Dr. Ingeborg Schuster, Dr. Edward Shawl, Dr. Amos B. Smith, III, Dr. Robert Stotz, Lois Trench-Hines.

SECTION MEMBERS CELEBRATING 70 YEARS

Dr. Benjamin Blank, Dr. David Bosniack, Joseph Burke, Dr. Thomas Fitzpatrick, Helen Mertwoy, Dr. Norman Shachat, Henry Walens.

We're calling on all troops to muster for duty at Pittcon 2025!

It may be 250 years later in Boston, but you'll still see excitement in the whites of Pittcon attendees' eyes!

Prepare by following these orders:

- Assemble at the designated rendezvous point promptly (BCEC March 1, 2025).
- Suit up in appropriate attire for the mission.
- Deploy to the show floor to assess our exhibitors' technology arsenal.
- Familiarize yourself with the battle plan (conference schedule) using LabSci by Pittcon app.
- Engage in reconnaissance (attend talks, workshops) to gather intelligence.
- Collaborate with fellow troops to maximize effectiveness.
- Execute maneuvers (participate actively) to achieve objectives.

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**CALL FOR NOMINATIONS
2024 ACS PHILADELPHIA SECTION
AWARD**

Notice is hereby given that the ACS Philadelphia Section invites its members, as well as Regional and Topical Groups, to nominate candidates for the 2024 ACS Philadelphia Section Award.

This Award shall be presented “to one member of the Section, or in exceptional circumstances to two members of the Section jointly, who by conspicuous scientific achievement has/have made important contributions to the field of chemistry and thereby aided the public appreciation of the profession.” (ACS Philadelphia Section Bylaw X, §1.)

Any member of the ACS Philadelphia Section may be nominated. Recent awardees include Rick Ewing (Rapafusyn Pharmaceuticals), Anthony W. Addison (Drexel University), Marsha I. Lester (University of Pennsylvania), Michelle Francel (Bryn Mawr University), and Yury Gogotsi (Drexel University). A full list can be found here: <https://phillyacs.org/philadelphia-section-award/>

INSTRUCTIONS FOR SUBMITTING A NOMINATION

- 1) Nominators should provide a CV of the nominee showing education; employment and/or academic history; a list of publications, presentations, and patents; and a record of other accomplishments pertinent to consideration for this award.
- 2) One or two seconding letters (at least one of which should be from a person in an organization other than that of the nominee) should be requested in support of the nomination.
- 3) Nominators and seconders should be identified with addresses, e-mail and telephone numbers so that they can be contacted, if necessary, for additional information.
- 4) Unsuccessful nominees from previous years may be renominated. In fairness to the nominee, however, renominations must be accompanied by an updating of the nominee's biographical data and a list of accomplishments to make the nomination competitive. Unsuccessful nominees who have been considered three years in a row should not be renominated for the fourth year in succession without prior consultation by the nominator with the Chair of the Awards Committee.

The completed packet of nomination materials should be e-mailed to PhilaACS@gmail.com or mailed by **August 1, 2024** to the Chair of the Awards Committee at:

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

759th ACS Philadelphia Section Board of Directors Meeting

Thursday, 04-18-2024

Teleconference Meeting

Present: Amy Brown, David J. Cichowicz, Melissa Cichowicz, Deborah H. Cook, Judith Currano, Anne DeMasi, Steve Fleming, Matthew Irwin, Christine McInnis, David Salas-de la Cruz, Ivona Sasimovich, Kathleen Shaginaw, Georgia Arbuckle (guest), Lee Hoffman, (guest), Greglynn Gibbs (guest), Andrew Devany

Excused: Isabella Goodenough, Wei Wang, Graham Dobereiner, Ann Valentine, Victor Tortorelli, Catherine Bentzley, Ella Davis, Rick Ewing, Wei Gao, Sharon Haynie, Sr. Rose Mulligan, James K. Murray, Ann Rowley, Michael Castaldi

The 759th Board Meeting of the Philadelphia Section, ACS, was called to order at 7:03 PM and Matthew Irwin read the ACS Code of Conduct.

I. Roll Call

Roll was taken, a quorum was present, and the meeting began at 7:03 PM.

II. Approval of Meeting Minutes

The 758th BoD meeting minutes were approved with amendments.

III. Officers' Reports:

- **Chair** – Matthew Irwin

- Upcoming events:

- Younger Chemist Committee (YCC) poster session at The Pit at University of Pennsylvania April 11, 2024.

- Teaching and Student Awards on May 1, 2024 to be held at Arcadia University in Grey Towers Castle.

- Tickets are \$30 each. There have been 44 tickets sold and the total capacity is 50 people. There is an inquiry about how the event will handle overflow if more tickets are sold.

- Currently waiting to hear back about final votes on College Teaching awards. There are no nominees selected for either the pre-college teaching awards or for kindergarten through 8th grade awards.

- Edgar Fahs Smith Lecture at University of Pennsylvania. The date is not set and there is no speaker selected.

- Volunteering event for the Devon Horse Show on Saturday June 1st and Sunday June 2nd.

- This event is partnered with Bryn Mawr Hospital which is the recipient for the generated proceeds.
- There is a strong need for volunteers which could use between 3 and 6 volunteers.
- Please email Melissa to coordinate any interest in setting up ACS activity booth. Melissa needs to talk with Country Fair Chair to get permission.
- Please sign up by May 15th in order for the County Fair to properly organize and distribute parking passes and name tags.

- American Chemical Society is holding the 50- 60-, 70-year Anniversary on June 6, 2024.

- The date is flexible still and could be held on either the first or second weekend in June. This could conflict with MARM which starts on June 5th.
- ACS Philadelphia Appreciation Event is honoring members with Michelle Franci, Frank B. Mallory Professor of Chemistry from Bryn Mawr College.
- 125th Anniversary Gala is targeted for some time in September.
 - The venue selected is The Weitzman National Museum of American Jewish History located near Liberty Bell at 5th and Market St.
 - The current ticketing price between \$100- \$150, but is liable to change.
 - Thank you to Anne, Deb, and committee for all their hard work in coordinating event and putting in the work to get the LSAC IPG grant for \$3,500.
- Upcoming Science History Institute Tour for undergraduate students had to be moved to October.
- **Immediate Past Chair**—Graham Dobereiner
 - No Report.
- **Chair-Elect** – Wei Gao
 - No Report.
 - James Pagaduan and Greglynn Gibbs are joining local section and looking forward to volunteering. ACS is excited to welcome them!
- **Secretary** – Andrew Devany
 - No report.
- **Treasurer** – Wei Wang
 - No report.
 - Approved past Treasurer's Report
- **Chair of Council Affairs** – Anne DeMasi
 - Spoke about left over funds from the ACS Spring Meeting.

IV. Committee Reports

- **Career Services** – Jim Murray
 - No Report.
- **Communication Committee** - Lee Hoffman
 - There is a need for a coordinator for the production and maintenance of *the Catalyst* website. A checklist of responsibilities first needs to be established.
 - The theme of website was reviewed and updated.
 - There was a suggestion to create a blog or news link for people to see current news and recent events.
 - There is also a need for volunteers to take over the management of the LinkedIn account.
 - Will reach out to YCC to see who is willing to take over management of LinkedIn.
 - Currently looking for volunteering for Communications Committee.

- **Philadelphia Area Chemistry Competition, PACC** - Catherine Bentzley
 - No Report.
- **MARM** - Judith Currano
 - No Report.
- **Budget** – Victor Tortorelli
 - No Report.

V. **Additional Updates**

- Georgia Arbuckle attended the meeting to discuss safety resources from the ACS Committee on Chemical Safety.

Next meeting, Thursday, 05-09-2024, 7:00 PM

The meeting was adjourned at 8:12 PM.

Andrew Devany

OPPORTUNITIES TO VOLUNTEER

Younger Chemists Committee Program and Event Planning Volunteers: The Younger Chemists Committee (YCC) is a committee of the Philadelphia Local Section focusing on the needs of undergraduate, graduate, post doc, and early career chemists under 35 years old. The committee is looking for volunteers to help with program planning this year! This is an excellent opportunity for students and early career chemists to assume leadership roles and network with likeminded scientists within the ACS community. The estimated time commitment would be less than 1 hour per week.

All interested individuals can reach out to Isaac Choi at:

yongsuk.isaac@temple.edu

ACS CAREER CONSULTANTS

Would you like to speak to a local ACS Career Consultant? The Philadelphia Section career consultants can provide one-on-one career advice, resume reviews, or mock interviews. Please send an email request to acsphillycareerservices@gmail.com to set up an appointment.

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

Committee details can be found at:

www.membership.acs.org/p/philadelphia

or by calling the Philadelphia Section Office (215) 382-1589.

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