



CHEMISTRY NEWS

PURDUE UNIVERSITY ✦ DEPARTMENT OF CHEMISTRY

Faculty News



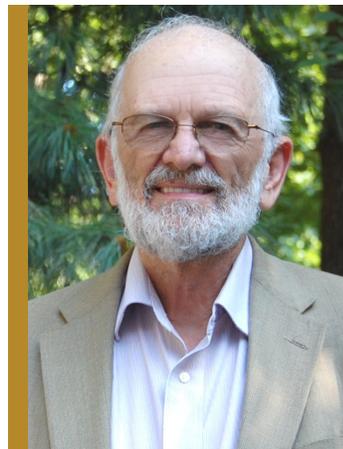
Hilikka Kenttämää



Paul Shepson



Philip Low



R. Graham Cooks

Recent National Awards

Several of our faculty members will be honored by the American Chemical Society later this year in Denver. Professor Hilikka Kenttämää will be presented the Frank H. Field & Joe L. Franklin Award for Outstanding Achievement in Mass Spectrometry. Professor Paul Shepson will be presented the Award for Creative Advances in Environmental Science & Technology. Last year he was appointed the Jonathan Amy Distinguished Professor of Chemistry, and Earth, Atmospheric, and Planetary Sciences and began serving as Director of the Division of Atmospheric and Geospace Sciences at the National Science Foundation in Washington, D.C. Professor Philip Low will receive the George & Christine Sosnovsky Award for Cancer Research, along with Endocyte Inc. colleagues and Purdue alums Christopher Leamon and Joseph Reddy. And later this year, Low and R. Graham Cooks will be inducted as fellows to the National Inventors Academy.

Come to campus!

Later this year, Nobel laureate Ei-ichi Negishi will celebrate his 80th birthday and we hope you will join us for a special symposium July 12-14. The Organic Chemistry Division is planning the event with details and registration available at our website. Recently, Professor Negishi was elected to the National Academy of Sciences in recognition of his distinguished and continuing achievements in original research. ✦



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Message from the

Department Head

Greetings from Purdue!

This past year was a busy one for the Department of Chemistry. Among our notable milestones was the completion of two important renovation/construction projects, an avalanche of recognition for our faculty, and further recognition for the quality of our undergraduate program.



A few weeks ago, we received notification that our undergraduate program received the Royal Society of Chemistry accreditation. This complements our on-going accreditation through the American Chemical Society. We are the first and only program in the United States to receive the Royal Society certification. We have seen substantial growth in recent years in the number of our chemistry majors who have engaged in study abroad programs, and the Royal Society certification adds another mark of the global reach of our program, and the wide acceptance of our training.

Our goal in transforming the Wetherill main entrance into a collaborative and vital commons is now complete. Features of the renovated space include the Catalyst Café, a unique LED molecular light sculpture, a state-of-the-art study area, and a hall honoring our two Nobel Prize winners. This project was made possible by the financial support of alumni, faculty, and staff. Stop by and see it the next time you come to visit us at Purdue and see more photos on-line at: www.chem.purdue.edu/alumni

Another stop on your next campus visit should be the new Drug Discovery Building. In September, Purdue President Mitch Daniels dedicated the \$28 million research facility located in Discovery Park. Chemistry professors Philip Low, Director of the interdisciplinary Purdue Center for Drug Discovery, and Mingji Dai have moved their research groups to this state-of-the-art, three-story building. This cutting-edge facility will be a magnet for attracting additional leading faculty and top-tier students to further enhance Purdue's existing strength in life sciences.

I want to extend my congratulations to our faculty for recent honors, including: Ei-ichi Negishi for his election to the National Academy of Sciences; Hilikka Kenttämä, Phil Low, and Paul Shepson who will receive major ACS awards this spring (see p. 1 for more details); and to Phil Low and Graham Cooks who were named Fellows of the National Academy of Inventors. The success of our students begins with exceptional teachers and mentors like Ei-ichi, Hilikka, Phil, Paul, and Graham. Thanks to them for helping to make our department a great one!

On other pages in this newsletter you'll find out more about a few of our many distinguished alumni, including those recognized for Departmental, College, University-wide, and national recognition.

Finally, to keep up with what is happening here at Purdue, I urge you to visit our website or seek us out on the various social media platforms below. There you can find the latest Chemistry news, events, photos, and gateways to connect with alumni, faculty, and students.

Wishing you a happy and healthy 2015!

Tim Zwier



Tim Zwier
Interim Department
Head



Robert Wild
Assistant
Department Head



Aaron Kosdrosky
Director of
Development



Steve Scherer
Communications
Coordinator



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✦ *Editor's note: Timothy Zwier is the M. G. Mellon Distinguished Professor of Chemistry, a physical chemist, and served as department head from 2004-2008. In the photo above, he is visiting the Department of Chemistry's new Hall of Nobel Laureates located in the Wetherill Lab Building.*

Outstanding Alumni Award

Dennis Barket, Jr. (Ph.D., 2001) and Dennis S. Corrigan (Ph.D., 1987) were named outstanding Chemistry alumni. Barket (*top photo*) co-founded Griffin Analytical in 2001 and is currently Vice President of FLIR Detection. Corrigan (*bottom photo*) has been employed by Eastman Chemical Company for the past 27 years where he has held a variety of domestic and global leadership positions.



National Award Winner

Livia Eberlin (Ph.D., 2012) was presented the Nobel Laureate Signature Award For Graduate Education In Chemistry by the American Chemical Society. She was also recently named a L'Oréal USA for Women in Science Fellow and featured in Forbes magazine annual "30 Under 30" list of outstanding young researchers



Science Teaching Fellowship

Samantha Carney (B.S., 2012), a chemistry teacher at Harrison High School in West Lafayette, is one of four Indiana teachers who received a New Science Teacher Academy fellowship from the National Science Teachers Association.



Clinical Chemistry Board President

David D. Koch (B.S., 1974, Ph.D., 1979) will serve a one-year term as the 66th president of the American Association for Clinical Chemistry (AACC). He is currently director of clinical chemistry, toxicology, and point-of-care testing at Grady Memorial Hospital and a professor in the Department of Pathology and Laboratory Medicine, Emory University in Atlanta.



Prestigious Kansas Award

Craig Lunte (Ph.D., 1984) professor at the University of Kansas, was named a recipient of the 2014 Higuchi-KU Endowment Research Achievement Award.



Distinguished Alumni Award

Charles Cameron (Ph.D., 1983) was presented the College of Science Distinguished Alumni Award. He is head of technology at Downstream, the product and service-led arm of BP, focused on fuels, lubricants and petrochemicals.



Accessibility Award

Cary Supalo's (B.S., 1999) company, Independence Science, will be honored by the American Foundation for the Blind for its contribution to universal accessibility. The company, located in the Purdue Research Park, develops products that ease the challenge of recording and reporting scientific information for students who have low vision or are blind.



Scientist Featured in IBJ

Ayanna Jackson (Ph.D., 2010) is featured in Indianapolis Business Journal's "Forty Under 40." Jackson works in Dow AgroSciences' Mass Spectrometry Center where she solves analytical problems to help develop products for improving crop productivity.



International Award

International policy leader C.N.R. Rao (Ph.D. 1958, Hon. D.Sc., 1982) was named recipient of the Bharat Ratna, India's highest civilian award.



Honorary Doctorate

Jonathan W. Amy (M.S., 1950, Ph.D., 1955) received an honorary doctorate from Purdue last spring. His doctoral degree work resulted in the formal creation of Purdue's Chemistry Instrumentation Facility now named for him.



ACS Top Award for Inorganic Chemistry

Texas A&M professor Kim R. Dunbar (Ph.D., 1984) is recipient of the American Chemical Society Award For Distinguished Service In The Advancement of Inorganic Chemistry.





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