

Arthur C. Cope Scholar Awards

The Arthur C. Cope Fund sponsors ten Arthur C. Cope Scholars each year. The purpose of these awards is to recognize and encourage excellence in organic chemistry, and each recipient receives \$5000, a certificate, and an unrestricted research grant of \$40000. We congratulate all the recipients featured here, as well as **Jin-Quan Yu**^[1a] (The Scripps Research Institute, La Jolla), and **E. W. Meijer**^[1b] (Eindhoven University of Technology), who were recently featured in this section, and also **Squire J. Booker** (The Pennsylvania State University) and **Anna K. Mapp** (University of Michigan).

Timothy F. Jamison (Massachusetts Institute of Technology; MIT) studied at the University of California, Berkeley, and received his PhD (supervised by Stuart L. Schreiber) from Harvard University in 1997. After postdoctoral research with Eric N. Jacobsen at the same institution, he joined the faculty at MIT in 1999, and is currently Professor of Chemistry. Jamison's research group are interested in the development of synthetic methodology for natural product synthesis, and he was recognized for his work on nickel-catalyzed coupling and epoxide cyclization reactions. He has reported in *Angewandte Chemie* on epoxide-opening cascades,^[2a] and on the synthesis of nucleosides.^[2b]

Jeffrey Aubé (University of Kansas) studied at the University of Miami and received his PhD from Duke University, North Carolina, in 1984 under the guidance of Steven W. Baldwin. From 1984–1986, he was an postdoctoral fellow with Samuel J. Danishefsky at Yale University, and in 1986, he started his independent career at the University of Kansas. Aubé's research interests are in the applications of fundamental synthetic chemistry to biological problems, and he received the award for his work on the nucleophilic reactions of alkyl azides, the total synthesis of alkaloids, and biomedical applications of total synthesis. His contributions to *Angewandte Chemie* include a report on constructing libraries of substituted 2-arylpiperidines,^[3a] and a Highlight on amide solvolysis.^[3b] Aubé is on the International Advisory Board of the *European Journal of Organic Chemistry*.

Michael R. Wasielewski (Northwestern University) studied at the University of Chicago and was awarded his PhD in 1975 for work carried out with Leon M. Stock. After postdoctoral work with Ronald Breslow at Columbia University, New York, he joined the Argonne National Laboratory, where he became Senior Scientist and Leader of the Molecular Photonics Group. In 1994, he moved to Northwestern University, where he is currently Clare Hamilton Hall Professor of Chemistry. Wasielewski was honored for his work on the relationship between organic supramolecular struc-

tures and the dynamics of energy and electron transfer, and his research interests also include artificial photosynthesis, molecular materials, and spin dynamics. He has published in *Angewandte Chemie* on spin-selective charge transport,^[4a] and in *Chemistry—A European Journal* on photoinduced processes in a supramolecular complex that consists of five building blocks.^[4b]

David I. Schuster (New York University) studied at Columbia University and completed his PhD (working with John D. Roberts) at the California Institute of Technology in 1960. After postdoctoral work with Howard E. Zimmerman (see recent obituary^[5a]) at the University of Wisconsin, he joined New York University in 1961, and has been Professor Emeritus of Chemistry since 2005. His research involves fullerene chemistry, and photochemistry and photophysics, in particular porphyrin–fullerene donor–acceptor systems. He has reported in *Chemistry—A European Journal* on the synthesis of functionalized [3]catenanes,^[5b] and on the synthesis and photophysics of porphyrin–fullerene dyads.^[5c]

Scott A. Snyder (Columbia University) studied at Williams College, Massachusetts, and worked with K. C. Nicolaou at The Scripps Research Institute, La Jolla, for his PhD, which was awarded in 2004. From 2004–2006, he was a postdoctoral fellow with E. J. Corey at Harvard University, and in 2006, he became a faculty member at Columbia University. Snyder's research focuses on addressing challenges in chemoselectivity in the total synthesis of natural products. He has published in *Angewandte Chemie* on the total syntheses of hopeanol and hopeahainol A,^[6a] and is a co-author of *Classics in Total Synthesis II*.^[6b] Snyder is on the International Advisory Board of *The Chemical Record* and the Editorial Board of *Chirality*. (Photo by E. Barroso.)

Yi Tang (University of California, Los Angeles) studied at Pennsylvania State University and worked with David A. Tirrell at the California Institute of Technology for his PhD (awarded in 2002). From 2002–2004, he was a postdoctoral fellow with Chaitan Khosla at Stanford University, and in 2004, he started his independent career at the University of Los Angeles, California, where he is currently professor in the Department of Chemical and Biomolecular Engineering, and the Department of Chemistry and Biochemistry. Tang and his research group are interested in natural product biosynthesis and biocatalysis, in particular the enzymology, mechanisms, and engineering of biosynthesis. He has reported in *ChemBioChem* on tailoring enzymes in the pradimicin biosynthetic pathway,^[7a] and on oxytetracycline biosynthesis.^[7b]

Awarded ...



J.-Q. Yu



E. W. Meijer



T. F. Jamison



J. Aubé



M. R. Wasielewski



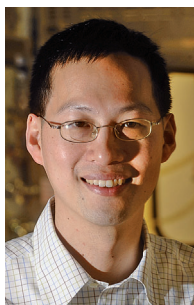
D. I. Schuster



S. A. Snyder



Y. Tang



C. J. Chang

Eli Lilly Award for Christopher J. Chang

The Eli Lilly Award in Biological Chemistry is presented annually by the ACS Division of Biological Chemistry for outstanding research in this field. The winner of the 2012 award is **Christopher J. Chang** (University of California, Berkeley), who was recognized for his work on chemical signaling agents in biological systems. Chang studied at the California Institute of Technology and received his PhD (under the guidance of Daniel G. Nocera) from MIT in 2002. After postdoctoral work at the same institution with Stephen J. Lippard, he was appointed to the faculty at the University of California, Berkeley, in 2004. Chang's research interests are in probes for imaging and proteomics, and transition-metal complexes for applications in catalysis and green chemistry. He has reported in *Angewandte Chemie* on a specific fluorescent sensor for mercury.^[8] Chang is on the Editorial Advisory Board of *ChemBioChem*.

And also in the News ...

... **Frank Glorius** (University of Münster) has been awarded the inaugural Springer Heterocyclic Chemistry Award for the originality, impact, and breadth of his work. Glorius was recently featured in this section when he received the OMCOS Award.^[9]

... **Ben L. Feringa** (University of Groningen) received the Grand Prix scientifique 2012 from the Fondation Simone et Cino del Duca, Institut de France, for his work in the field of molecular machines and biological nanomachines. He has also recently received an Alexander von Humboldt Research Award. Feringa's career was recently highlighted in this section when he was elected to the Academia Europaea.^[10]

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- [2] a) I. Vilotijevic, T. F. Jamison, *Angew. Chem.* **2009**, 121, 5352; *Angew. Chem. Int. Ed.* **2009**, 48, 5250; b) P. B. Palde, T. F. Jamison, *Angew. Chem.* **2012**, 123, 2203; *Angew. Chem. Int. Ed.* **2012**, 50, 2155.
- [3] a) T. C. Coombs, G. H. Lushington, J. Douglas, J. Aubé, *Angew. Chem.* **2011**, 123, 2786; *Angew. Chem. Int. Ed.* **2011**, 50, 2734; b) J. Aubé, *Angew. Chem.* **2012**, 123, 3117; *Angew. Chem. Int. Ed.* **2012**, 50, 3063.
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- [7] a) J. Zhan, K. Qiao, Y. Tang, *ChemBioChem* **2009**, 10, 1447; b) P. Wang, W. Zhang, J. Zhan, Y. Tang, *ChemBioChem* **2009**, 10, 1544.
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- [9] *Angew. Chem.* **2011**, 123, 11231; *Angew. Chem. Int. Ed.* **2011**, 50, 11039.
- [10] *Angew. Chem.* **2011**, 123, 9405; *Angew. Chem. Int. Ed.* **2011**, 50, 9238.

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