

Arthur C. Cope Scholar Awards 2015

The Arthur C. Cope Scholar Awards are sponsored by the Arthur C. Cope Fund and are presented by the American Chemical Society “to recognize and encourage excellence in organic chemistry”. Ten Scholars are appointed annually in three categories (less than 10 years, 10–25 years, and more than 25 years of experience), and receive US\$5000, a certificate, and an unrestricted research grant of US\$40000. We congratulate all the recipients and feature them here.

Michelle C. Y. Chang (University of California, Berkeley; UCB) studied at the University of California, San Diego, and carried out her PhD (awarded in 2004) with Daniel G. Nocera and JoAnne Stubbe at the Massachusetts Institute of Technology (MIT). After postdoctoral work with Jay D. Keasling at the UCB (2004–2007), she joined the faculty there and is currently associate professor, as well as faculty scientist at the Lawrence Berkeley National Laboratory. Chang’s research is at the interface of chemistry and synthetic biology. Her research group focuses on using the chemistry of living cells to develop new methods for synthesis of pharmaceuticals, fuels, and materials. She is co-author of a book chapter on electron transfer in hydrogen-bonded donor–acceptor supramolecules.^[1]

Debbie C. Crans (Colorado State University) studied at the University of Copenhagen, and carried out her PhD (awarded in 1985) with George M. Whitesides at Harvard University. From 1985–1986, she was a postdoctoral researcher with Orville L. Chapman and Paul D. Boyer at the University of California, Los Angeles (UCLA), and in 1987, she started her independent career at Colorado State University, where she is currently Professor of Chemistry and Cell and Molecular Biology. Crans and her research group are interested in the chemistry and biochemistry of vanadium and other transition-metal ions. She has reported in *Chemistry—A European Journal* on the insulin-enhancing properties of vanadium dipicolinate complexes,^[2a] and has published a Micro-review in the *European Journal of Inorganic Chemistry* on the geometries of vanadium phosphatase inhibitors.^[2b]

Antonio M. Echavarren (Institute of Chemical Research of Catalonia; ICIQ) obtained his PhD in 1982 from the Universidad Autónoma de Madrid (UAM) for work supervised by Francisco Fariña. After postdoctoral work with T. Ross Kelly at Boston College, he returned to the UAM as assistant professor (1984–1986). After two years as a NATO Fellow in the group of John K. Stille at Colorado State University, he joined the Institute of Organic Chemistry of the Consejo Superior de Investigaciones Científicas (CSIC) in Madrid,

where he remained until 1992, when he returned to the UAM as Professor of Organic Chemistry. In 2004, he was made group leader at the ICIQ, Tarragona, and Professor of Research at the CSIC, and in 2009, he was made Professor of Organic Chemistry at the Universitat Rovira i Virgili. Echavarren’s research interests are catalytic methods based on the chemistry of gold and other transition metals, as well as the synthesis of natural products and polyarenes. He has reported in *Angewandte Chemie* on triple gold(I)-catalyzed reactions,^[3a] and has recently published a Concept Article in *Chemistry—A European Journal* on gold carbenes.^[3b] Echavarren is on the Editorial or International Advisory Boards of *Advanced Synthesis & Catalysis*, *ChemCatChem*, *ChemSusChem*, and *Chemistry—A European Journal*.

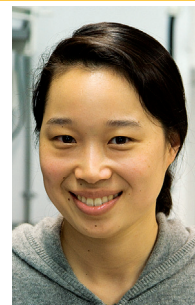
Ben L. Feringa (University of Groningen) was featured here when he was elected to the Academia Europaea.^[4a] His most recent contribution to *Angewandte Chemie* is a report on the catalytic asymmetric synthesis of phosphine boronates.^[4b]

Miguel A. Garcia-Garibay (UCLA) studied at the Universidad Michoacana de San Nicolás de Hidalgo in Mexico and worked with John Scheffer at the University of British Columbia for his PhD (awarded in 1988). In 1989, he joined the group of Nicholas Turro at Columbia University as a postdoctoral fellow, and in 1992, he joined the faculty at the UCLA, where he is currently Professor of Chemistry and Chair of the Department of Chemistry and Biochemistry. Garcia-Garibay’s research interests include solid-state organic chemistry, solid-state reaction mechanisms, dynamics in crystals, and crystalline molecular machines. He has reported in *Angewandte Chemie* on solvent-free synthesis in crystalline solids.^[5]

Neil K. Garg (UCLA) was featured here when he won an AstraZeneca Excellence in Chemistry Award.^[6a] He has recently reported in *Angewandte Chemie* on the biosynthetic pathway of the communesin indole alkaloids.^[6b]

Chuan He (University of Chicago) studied at the University of Science and Technology of China, and received his PhD from MIT in 2000 for work supervised by Stephen J. Lippard. After postdoctoral work with Gregory L. Verdine at Harvard University (2000–2002), he joined the faculty at the University of Chicago, where he is John T. Wilson Distinguished Service Professor in the Department of Chemistry, and Director of the Institute for Biophysical Dynamics. He was made a Howard Hughes Medical Institute Investigator in 2013. He’s research spans a broad range of chemical biology, molecular biology, biochemistry, epigenetics, cell biology, and genomics, and includes reversible RNA and DNA methylation in biological regulation. He has published a Highlight in *ChemBioChem* on nonenzymatic labeling of 5-hydroxyme-

Awarded ...



M. C. Y. Chang



D. C. Crans



A. M. Echavarren



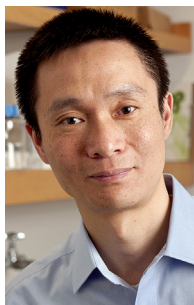
B. L. Feringa



M. A. Garcia-Garibay



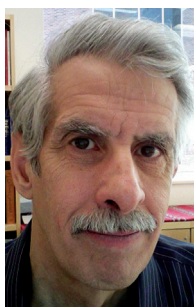
N. K. Garg



C. He



K. Itami



K. M. Nicholas



R. Sarpong

thylcytosine,^[7a] and has reported in *Angewandte Chemie* on N⁶-methyladenosine sequencing.^[7b] He is on the Editorial Board of *ChemPlusChem*.

Kenichiro Itami (Nagoya University) was featured here when he won the Mukaiyama Prize.^[8a] He has recently reported in *Chemistry—An Asian Journal* on corannulene-based π systems containing heptagons.^[8b] Itami is on the International Advisory Boards of *ChemCatChem* and *Chemistry—An Asian Journal*.

Kenneth M. Nicholas (University of Oklahoma) studied at the State University of New York at Stony Brook, and worked with Rowland Pettit at The University of Texas at Austin for his PhD (awarded in 1972). After postdoctoral work with Myron Rosenblum at Brandeis University, he joined the faculty at Boston College in 1973. He moved to the University of Oklahoma in 1984, and is currently George Lynn Cross Research Professor. Nicholas and his research group are interested in transition-metal-promoted reactions, including the catalytic nitrogenation of hydrocarbons and the catalytic dehydroxylation of carbohydrates and polyols. He has reported on the latter topic in both *ChemSusChem* and *ChemCatChem*.^[9]

Richmond Sarpong (UCB) was featured here when he won a Novartis Chemistry Lectureship.^[10a] He has recently reported in *Chemistry—A European Journal* on the hydrogen iodide mediated hydroamination and hydroetherification of olefins.^[10b]

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In this section, we report on various awards for chemists who are closely connected with *Angewandte Chemie* and its sister journals as authors, referees, or board members.