

Arun Ghosh (PhD 1985, Kozikowski)

Arun Ghosh received his BS in Chemistry (1979) and MS in Chemistry (1981) from the University of Calcutta and Indian Institute of Technology, Kanpur, India, respectively. He did his thesis work with Professor Alan Kozikowski at Pitt in the development of asymmetric synthetic methodologies and natural product synthesis receiving his Ph.D. in 1985. Following his postdoctoral studies with Professor E. J. Corey at Harvard University, he joined Merck Research Laboratories at West Point, PA as a Medicinal Chemist in 1988. In the fall of 1994, he began his independent academic career at the University of Illinois at Chicago as an assistant professor in the Department of Chemistry. He quickly rose to tenured associate professor in 1997 and then became Professor of Chemistry in 1998. In 2005, he moved to Purdue University, West Lafayette, Indiana as a Professor with a joint appointment in the Department of Chemistry, and the Department of Medicinal Chemistry & Molecular Pharmacology. In 2009, he became the Ian P. Rothwell Distinguished Professor. His broad research interests include, exploration of chemistry and biology of bioactive natural products, development of tools and strategies for protein structure-based molecular design, drug-discovery and development of new reactions and their applications.