

Biographical Sketch

Kay M. Brummond

Kay Michille Brummond was born in eastern Nebraska, grew up on a corn and soybeans farm and graduated from Tekamah-Herman High School in 1980. She received her B.S. degree at the University of Nebraska-Lincoln in 1985. Under the direction of Professor Raymond L. Funk she was awarded her Ph.D. at the Pennsylvania State University in 1991. Her thesis was entitled, "Synthetic Approaches to the Calicheamicin/Esperamicin Bicyclo[7.3.1]Tridecenediyne Ring Core and Sulfones in Organic Synthesis." Her postdoctoral research was carried out at the University of Rochester with Professor Robert K. Boeckman, Jr. on an approach towards the synthesis of (+)-methynolide using a retro-Claisen rearrangement strategy.

Her first faculty appointment was in the department of chemistry at West Virginia University in 1993, where she was promoted to Associate Professor with tenure in 1999 and also held an adjunct Associate Professor position in the Department of Basic Pharmaceutical Sciences at WVU. She was honored with the Departmental Outstanding Faculty Award in 1999 and General Electric Faculty of the Future in 1994.

In 2001, she moved her labs to the Department of Chemistry at the University of Pittsburgh where she was promoted to Professor in 2006. Brummond has been the recipient of the Chancellor's Distinguished Research Award from the University of Pittsburgh, the 2006 ACS Akron Section Award, the Carnegie Science Center Emerging Female Scientist Award and the Johnson & Johnson Focused Giving Award. She is currently an American Chemical Society Fellow. She has served as the Chair of the Gordon Research Conference on Organic Reactions and Processes, guest editor for *Tetrahedron* and *Beilstein Journal of Organic Chemistry*, and is currently on the editorial advisory board for the *Journal of Organic Chemistry*. She is on the Board of Editors for the Corporation of Organic Synthesis, Inc. and is currently serving as Vice-Chair of the Center of Excellence for Chemical Methodologies and Library Synthesis where she is also a project leader. She has served as a permanent member of the NIH Synthetic and Biological Chemistry Study Section A and the University of Pittsburgh Drug Discovery Institute.

As a researcher in the field of synthetic organic chemistry, Brummond has published 50 journal articles, 15 reviews and book chapters and delivered over 140 invited lectures and symposia. The students and postdoctoral fellows in her group have presented 52 conference posters and presentations. Nineteen graduate students have obtained Ph.D. and M.S. degrees under her direction; Jamie McCabe was the recipient of a Pfizer Diversity Fellowship Award and Branko Mitasev was the recipient of Mellon Fellow at the University of Pittsburgh. Twenty-six undergraduates have worked in her laboratory from 1994-2011, *Samuel Kim and Brenden Rickards* were honored with the Pfizer Undergraduate Research Fellowship Program award. Her main contributions to the field of chemistry include developing new methods for synthesizing organic compounds of biological importance, in particular the discoveries of transition-metal catalyzed reactions of allenes.