

Cooperative Carbene Catalysis

Prof. Karl A. Scheidt
Northwestern University (USA)

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Professional Career

2010 – present: co-Director, Northwestern Center for Molecular Innovation and Drug

2013 – present: Discovery Professor of Chemistry, Northwestern University

2008 – 2013: Associate Professor of Chemistry, Northwestern University

2002 – 2008: Assistant Professor of Chemistry, Northwestern University

1999 – 2000: NIH Postdoctoral Fellow with David A. Evans, Harvard University

1994 – 1999: Graduate Research with William R. Roush, Indiana University/Univ. of Michigan

1999 Ph.D. in Chemistry. Indiana University, Bloomington, Indiana

1994 B.S. in Chemistry. University of Notre Dame, Notre Dame, Indiana

Research Interests

His research focuses on two complementary areas: the discovery of new organic reactions and bioorganic chemistry. His group is particularly interested in designing novel methods and strategies for the construction of complex natural products with important biological attributes. His methodology programs encompass assembling molecules and introducing stereogenic centers using new catalytic reactions.