

H. Bernhard Schlegel

Education:

University of Waterloo, Waterloo, Ontario, Canada, B.Sc. (Honors Chemistry), 1972
Queen's U, Kingston, Ont. Canada, Ph.D. (Theoretical Organic Chemistry) with
S. Wolfe, 1975

Princeton University, Postdoctoral Fellow with K. Mislow and L.C. Allen, 1976-77
Carnegie-Mellon University, Postdoctoral Research Associate with J.A. Pople, 1977-78

Appointments and Professional Experience:

Professor, Wayne State U., 1985 – present, Assoc. Prof. 1984-85, Assist. Prof. 1980-84
Adjunct Professor, University of Utah, 2000 - present
WSU Institute for Scientific Computing, 2000 - 2007
WSU Institute for Drug Design, 2000 - 2003
Lecturer, NATO Advanced Study Institutes (Menton, Fr. 7/80; Sant Feliu de Guixols, Sp.
7/88; Altinoluk, Turkey, 8/89; Porto Novo, Port. 8/90; Porta Delgada, Azores, 8/92)
Lecturer, Gaussian Workshops (1991 - present).
Senior Research Chemist, Merck, Sharp & Dohme Research Labs, Rahway, NJ, 1978-80

Honors and Awards:

Fellow of the Royal Society of Chemistry, 2009 - present
Fellow of the American Association for the Advancement of Science, 2009 - present
Wayne State University Outstanding Graduate Mentor Award, 2007
Wayne State University Distinguished Faculty Award, 2003
Wayne State University Academy of Scholars, 2001 - present
WSU College of Science Teaching Award, 2002
WSU Charles H. Gershenon Distinguished Faculty Fellowship, 2000 - 2002
Wayne State University Career Development Chair, 1985-86
Camille and Henry Dreyfus Teacher-Scholar, 1984-89
Alfred P. Sloan Fellowship, 1981-83
National Research Council of Canada NATO Postdoctoral Fellowship, 1976-78
National Research Council of Canada 1967 Centennial Scholarship, 1972-75
Ford Motor Company Scholarship, 1969-72

Former and Present Students Carlos Sosa (PhD, 1986), Xiaoxia Ma (MS, 1988), Edgar Ignacio (PhD, 1990), Carlos Gonzalez (PhD, 1990), Gary Fox (PhD, 1992), Cynthia Darling (PhD, 1993), Wei Chen (PhD, 1994), Anwar Baboul (PhD, 1997), Felix Martinez (PhD, 1997 joint with M. Newcomb), Philippe Ayala (PhD, 1997), Joanne Wittbrodt (PhD, 1999), Mathew Halls (PhD, 2001), Jason Cross (PhD, 2002), Xiaosong Li (PhD 2003), John Knox (PhD 2005), Smriti Anand (PhD 2005), Hrant Hratchian (PhD 2005), Jie Li (PhD 2006), Stanley Smith (PhD 2006), Michael Cato (MSc, 2008), Barbara Munk, Jia Zhou, Jason Sonk; Brian Psciuk; Adam Birkholtz.

Post-docs G. Tonachini (1983-5), J. McDouall (1987-9), J. Andrés (1989-91), M-D Su (1992-3); C. Y. Peng (1992-4), Ö. Farkas (1996-8), J. Wittbrodt (1999-2000), J. Millam (1997-2001), J. Sonnenberg (2005-2009), Peng Tao (2007-present)

Recent Collaborators R.J. Levis (Temple U.), C. Burrows (U. Utah), S. Mobashery (Notre Dame), G. Voth (U. Utah), S. Shaik (Hebrew U.), G. Scuseria (Rice U.), Ö. Farkas (Eötvös U., Budapest), J. Montgomery (U. Mich.), C. H. Winter, C. Verani and J. Kodanko (Wayne State U.), D. Gatti and B. F. P. Edwards (Med. School, Wayne State U.), T. Goodson (U. Mich.), P.G. Wang (Ohio State), M.A. Robb (Imperial College, London), M. J. Frisch and T. Vreven (Gaussian)