

Gary A. Molander

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Born: February 9, 1953; Cedar Rapids, Iowa

EDUCATION, ACADEMIC APPOINTMENTS

Hirschmann-Makineni Professor of Chemistry, University of Pennsylvania, 2007-present.
Allan Day Term Professor of Chemistry, University of Pennsylvania, 2001-2006
Professor of Chemistry, University of Pennsylvania 1999-present.
Professor of Chemistry, University of Colorado, Boulder, 1990-1999.
Associate Professor of Chemistry, University of Colorado, Boulder, 1988-90.
Assistant Professor of Chemistry, University of Colorado, Boulder, 1981-1988.
Postdoctoral Research Associate with Professor Barry M. Trost, University of Wisconsin, Madison, 1980-1981.
Postdoctoral Research Associate with Professor Herbert C. Brown, Purdue University, 1979-1980.
Graduate Education: Ph. D., Purdue University, 1975-1979.
Thesis Advisor-Professor Herbert C. Brown.
Undergraduate Education: B. S. with Distinction, Iowa State University, 1971-1975.
Undergraduate Research with Professor Richard C. Larock, 1972-1975.
Eastman Kodak Summer Research Fellow-1974, 1975.

HONORS, AWARDS

Sigma Xi, Phi Beta Kappa, Phi Kappa Phi, Phi Lambda Upsilon, Phi Eta Sigma Honorary Societies.
Purdue University Fellow, 1975-1977.
Eastman Kodak Fellow, 1978-1979.
National Institutes of Health Postdoctoral Research Fellow, 1980-1981.
University of Colorado Summer Research Initiation Faculty Fellowship, 1982.
Alfred P. Sloan Foundation Research Fellow, 1987-1991.
University of Colorado Faculty Fellowship, 1988-1989.
American Cyanamid Academic Award, 1989.
Arthur C. Cope Scholar Award of the American Chemical Society, 1998.
Honorary Master of Arts Degree, University of Pennsylvania, 1999.
Japanese Society for the Promotion of Science Fellowship, 2002-2003.
Philadelphia Section Award of the American Chemical Society, 2003.
Christian R. and Mary F. Lindback Award for Distinguished Teaching, University of Pennsylvania, 2006.
Purdue University Department of Chemistry Outstanding Alumni Award, 2009.
Elected Fellow of the American Chemical Society, 2010.
Novartis Lecturer, 2012-2013.
Council for Chemical Research, Research Collaboration Award – 2013.
Boron in the Americas Frontier Award – 2014.
2015 American Publishers PROSE Award for a Multivolume Reference/Science publication as Editors in Chief of
Comprehensive Organic Synthesis.
American Chemical Society Herbert C. Brown Award for Creative Research in Synthetic Methods – 2015
Paul G. Gassman Distinguished Service Award, Division of Organic Chemistry, American Chemical Society – 2016.
Harry and Carol Mosher Award – 2018.

VISITING PROFESSORSHIPS

Université de Paris-Sud, Orsay, France (1989, 1997); Philipps Universität, Marburg, Germany (1989); École Supérieure de Physique et de Chimie Industrielles de Paris (1993, 2017); Universidade Federal da Paraíba, Brazil (1998); Universidade Federal da Pernambuco, Brazil (1998); Universidad Nacional del Litoral, Santa Fe, Argentina, (1998); Institute of Organometallic Chemistry, Russian Academy of Sciences, Nizhny Novgorod, Russia (1998); Institut de Recherche en Chimie Organique Fine, Rouen, France (1999); Universidade Federal da Santa Maria, Brazil (2001); Universidade de Sao Paulo, Brazil (2005); Université Pierre et Marie Curie, Paris (2009); École Nationale Supérieure de Chimie de Paris (2011-2012); Universidade Federal de São Carlos, Brazil (2013); École Polytechnique, Palaiseau, France (2015).

SERVICE

Consultant, Hauser Chemical Research, 1991-1999.
NIH Medicinal Chemistry Study Section, 1993-1997.
Associate Chair, Department of Chemistry and Biochemistry, University of Colorado, 1992-1995.
Elected Member-at-Large, ACS Division of Organic Chemistry Executive Committee, 1999.
Executive Director, 37th National Organic Symposium, 1999-2001.
Editorial Advisory Board, *Organometallics*, 2000-2003.
Chair, Philadelphia Organic Chemists' Club, 2001.
Alternate Councilor, Philadelphia Section of the American Chemical Society, 2001-2003.
Associate Editor, *Organic Letters*, 2002-present.
Editorial Advisory Board, *Current Topics in Medicinal Chemistry*, 2002-2007.
Associate Editor, *Comprehensive Organic Functional Group Transformations II*, Pergamon Press, 2003-2004.
Board of Consulting Editors, *Tetrahedron* and *Tetrahedron Letters*, 2003-2008.
Director, Philadelphia Section of the American Chemical Society, 2004-2006.
Editor, *Science of Synthesis*, Volume 33, Thieme Publishers, 2004-2006.
Executive Editor, *Encyclopedia of Reagents for Organic Synthesis*, Wiley, 2004-2010.
International Scientific Advisory Board, Brazilian Meeting on Organic Synthesis, 2005-2017.
Secretary/Treasurer, ACS Division of Organic Chemistry, 2006-2009.
Vice Chair, Department of Chemistry, University of Pennsylvania, 2005-2006.
Member, Scientific Advisory Board, BoroChem, Caen, France, 2007-2010.
Organizing Committee, French-American Chemical Society FACS XII-XV, 2008-2014.
Science of Synthesis Editorial Board, Thieme Publishers, 2009-present.
Chair, American Chemical Society H. C. Brown Award Canvassing Committee, 2009-2012.
Editor, *Science of Synthesis: Stereoselective Synthesis*, Thieme Publishers, 2009-2010.
Chair, Department of Chemistry, University of Pennsylvania, 2009-2018.
Chemical Heritage Foundation Ulliot Scholarship and Lectureship Committee, 2009-2018.
Chair-Elect, Chair, Past Chair, Division of Organic Chemistry of the American Chemical Society, 2010-2012.
Editor-in-Chief, *Comprehensive Organic Synthesis II*, Elsevier, 2010-2013.
Editor, *Science of Synthesis: Cross-Coupling*, Thieme Publishers, 2010-2012.
Co-Chair, American Chemical Society Division of Organic Chemistry Graduate Research Symposium, 2010-present.
Organizer, International Organization for Chemical Sciences in Development, 2012-2014.
American Chemical Society Awards Equity Subcommittee – 2013
Topic Area Reviewer, American Chemical Society, Pacificchem, 2013-2014.
Organic Reactions, Board of Editors, 2015-2020.
American Chemical Society National Awards Selection Committee, 2016-2019.
Organizing Committee, 46th World Chemistry Congress/IUPAC 49th General Assembly, Sao Paulo, Brazil, 2017.
Editor, *Science of Synthesis: Dual Catalysis in Organic Synthesis*, Thieme Publishers, 2018-2019.