



Curriculum Vitae Professor Dr. John G. Hildebrand



Name: John G. Hildebrand

Born: 26 March 1942

Academic and Professional Career

- 2014 - 2018 Foreign Secretary, U.S. National Academy of Sciences
- 2010 - 2012 Chairman, School of Mind, Brain & Behavior, University of Arizona, USA
- 2009 - 2013 Head, Department of Neuroscience, University of Arizona, USA
- since 1989 Regents Professor, University of Arizona, USA
- 1986 - 1997 Chairman, Graduate Interdisciplinary Program in Neuroscience, University of Arizona, USA
- 1985 - 2009 Founding Director, Arizona Research Laboratories Division of Neurobiology, University of Arizona, USA
- since 1985 Professor of Neurobiology, Chemistry & Biochemistry, Entomology, and Molecular & Cellular Biology, University of Arizona, USA
- 1980 - 1986 Professor of Biological Sciences, Columbia University, New York, USA
- 1980 - 1997 Associate in Behavioral Biology, Museum of Comparative Zoology, Harvard University, USA
- 1970 - 1980 Instructor to Associate Professor, Department of Neurobiology, Harvard Medical School, USA
- 1969 - 1971 Postdoctoral Research Fellow in Neurobiology, Harvard Medical School, USA

- 1969 Ph.D. (Biochemistry), Rockefeller University, New York, USA
 1964 A.B. (Biology), Harvard University, Cambridge, USA

Functions in Scientific Societies and Committees (Selection)

- 2014 - 2018 Elected Foreign Secretary, U.S. National Academy of Sciences
 2012 - 2014 Elected Councilor, U.S. National Academy of Sciences
 since 2010 Society for Neuroscience representative to the joint Neuroscience Schools Committee of the Federation of European Neuroscience Societies (FENS) and International Brain Research Organization (IBRO)
 since 2009 U.S. National Academy of Sciences representative to the Governing Council of the International Brain Research Organization (IBRO)
 2008 Member, Nominating Committee, U.S. National Academy of Sciences
 2004 - 2010 Co-chairman, Committee on Science in the Liberal Arts Curriculum, American Academy of Arts & Sciences
 2007 - 2012 Councilor, International Society for Neuroethology
 2004 - 2005 Chairman, Section on Neuroscience, American Association for the Advancement of Science
 since 2003 Member, Committee on Studies, American Academy of Arts & Sciences
 2002 - 2009 Member, International Affairs Committee, Society for Neuroscience (also the US / Canada Regional Committee of IBRO)
 2002 - 2003 President, Association for Chemoreception Sciences (AChemS)
 2001 - 2010 Chairman, Board of Schools, International Brain Research Organization (IBRO)
 1998 - 1999 President, International Society of Chemical Ecology
 1997 - 1999 Founding Chairman, Gordon Research Conference on Neuroethology (Oxford, 1999)
 1995 - 1998 President, International Society for Neuroethology
 since 1993 Member, Dana Alliance for Brain Initiatives, Dana Foundation
 1993 - 1994 Treasurer, Society for Neuroscience
 1988 - 1989 President, USA / Canada Association of Neuroscience Departments and Programs
 1987 - 1990 Chairman, Membership Committee, Society for Neuroscience
 1982 - 1983 Chairman, Program Committee, Society for Neuroscience

Honours and Awarded Memberships (Selection)

2014	Elected Member, American Philosophical Society
2012	Fellow, International Society for Neuroethology
2012	Honorary Fellow, Royal Entomological Society of London
2012	Max Mozell Award for Outstanding Achievement in the Chemical Senses, Association for Chemoreception Sciences
2011	Elected Foreign Member, The Royal Norwegian Society of Sciences and Letters Academy
2008	Elected Fellow, Entomological Society of America
2008	Einstein Professorship, Chinese Academy of Sciences
2007	Elected Member, U.S. National Academy of Sciences
2006	Outstanding Service Award for Contributions to the Biological Sciences, American Institute of Biological Sciences
2006	Silver Medal, International Society for Chemical Ecology
2001	Elected Fellow, American Academy of Arts and Sciences
2000	Laurea honoris causa (honorary doctorate), Università degli Studi di Cagliari, Italy
1999	Elected Foreign Member, Norwegian Academy of Science and Letters
1998	Elected Member, German National Academy of Sciences Leopoldina
1997	Humboldt Research Award, Alexander von Humboldt-Stiftung
1990	Max Planck Research Award of the Max Planck Society & A. von Humboldt Foundation
1990	R.H. Wright Award in Olfactory Research

Major Scientific Interests

My group's research combines neurophysiological, behavioral, chemical- and sensory-ecological, anatomical, molecular and developmental approaches to address problems of the information-processing mechanisms, behavioral roles, functional organization, and postembryonic development of the olfactory system in insects. We seek fundamental principles and mechanisms common to many nervous systems through studies of the experimentally favorable insects and to understand the olfactory bases of beneficial and harmful behaviors of insects that impact human health and welfare.