

James L. Skinner---Curriculum Vita

Address, etc.:

Institute for Molecular Engineering, University of Chicago, Chicago IL 60637
Phone: (773) 702-7617; Email: jlskinner@uchicago.edu
Born August 17, 1953, in Ithaca, NY

Education:

Ph. D. 1979, Harvard University (Chemical Physics); Advisor: Prof. Peter G. Wolynes
A. M. 1977, Harvard University (Physics)
A. B. 1975, University of California at Santa Cruz (Chemistry, Physics)

Professional Experience:

Crown Family Professor of Molecular Engineering, University of Chicago, 2017-
Director, Water Research Initiative, University of Chicago, 2017-
Joseph O. and Elizabeth S. Hirschfelder Professor, Emeritus, U. Wisconsin, 2017-
Joseph O. and Elizabeth S. Hirschfelder Prof. of Chemistry, U. Wisconsin, 2010-2016
Chair, Department of Chemistry, University of Wisconsin, 2004-07
Joseph O. Hirschfelder Professor of Chemistry, University of Wisconsin, 1990-2010
Director, Theoretical Chemistry Institute, University of Wisconsin, 1990-2016
Professor of Chemistry, Columbia University, 1986-90
Associate Professor of Chemistry, Columbia University, 1985-86
Assistant Professor of Chemistry, Columbia University, 1981-85
Postdoctoral Res. Assoc., Stanford University, 1980-81; Advisor: Prof. Hans C. Andersen

Visiting Positions:

Visiting Professor of Physics, University of Bordeaux, 1995
Visiting Professor of Physics, University of Grenoble, 1987
Visiting Scientist, Institute for Theoretical Physics, UC Santa Barbara, 1987

Honors, Lectures, and Awards:

Kivelson Lecture, UCLA, 2017
Frontiers in Spectroscopy Lectures, Ohio State University, 2016
Malcolm Dole Lectures in Physical Chemistry, Northwestern University, 2015
Hilldale Award in the Physical Sciences, University of Wisconsin, 2015
Sessler Lecture, Stanford University, 2015
E. U. Condon Lecture, University of Colorado, 2013
Priestley Lecture, Penn State University, 2013
Vasser Wooley Distinguished Lecture, Georgia Tech, 2013
Hirschmann Visiting Professor Lectures, University of Pennsylvania, 2013
Fellow, American Chemical Society, 2012
Member, National Academy of Sciences, 2012
TSRC Stephen Berry Lecture, Telluride CO, 2012
ACS Irving Langmuir Award in Chemical Physics, 2012
University of Missouri Chancellor's Distinguished Visitor, 2012
ACS Division of Physical Chemistry Award in Theoretical Chemistry, 2011

Honors, Lectures, and Awards (continued):

WARF Named Professor, 2010
Noyes Memorial Lecturer, University of Rochester, 2008
Fellow, American Academy of Arts and Sciences, 2006
Kohler Lecturer, UC Riverside, 2005
Fellow, American Association for the Advancement of Science, 2003
University of Wisconsin Chancellor's Distinguished Teaching Award, 2003
Reilly Lecturer, University of Notre Dame, 2003
Student Hosted Colloquium Speaker, Stanford University, 2003
Student Invited Seminar Speaker, MIT, 2002
Pharmacia Teaching Award, Department of Chemistry, University of Wisconsin, 2000
Hascoe Distinguished Lecturer, University of Connecticut, 1998
Fellow, American Physical Society, 1997
Graduate Student Invited Speaker, University of California, Berkeley, 1997
Closs Lecturer, University of Chicago, 1997
Davidson Lecturer, University of Kansas, 1995
University of Wisconsin Kellett Mid-Career Award, 1995
Humboldt Foundation Senior Scientist, 1993-97
Guggenheim Fellow, 1993-94
Phi Lambda Upsilon Fresenius Award, 1989
National Science Foundation Presidential Young Investigator, 1984-89
Camille and Henry Dreyfus Teacher-Scholar, 1984-89
Alfred P. Sloan Fellow, 1984-88
National Science Foundation Postdoctoral Fellow, 1980-81
National Science Foundation Graduate Fellow, 1975-78
Received A.B. with Highest Honors in Chemistry, Highest Honors in Physics, 1975

Professional Service:

Telluride Science Research Center, Member, Board of Directors, 2017-
Advisory Board, Midwest Integrated Center for Computational Materials, 2016
University of Wisconsin Campus Planning Committee, 2015-2016
University of Wisconsin Academic Planning Council, 2015-2016
Deputy Editor, Journal of Chemical Physics, 2015-
Scientific Advisory Board, Welch Foundation, 2015-
Vice-Chair, Chair-Elect, Chair of Chemical Phys. Div. of the APS, 2011-14
Associate Editor, Journal of Chemical Physics, 2009-2014
Vice-Chair, Chair, American Conference on Theoretical Chemistry, 2008-14
Editorial Board, Molecular Physics, 2008-2014
Member-at-large, Chemical Physics Division of the American Physical Society, 2007-10
Committee of Visitors, NSF Chemistry Division, 2007
Editorial Board, Chemical Physics, 2005-09
Editorial Board, Journal of Physical Chemistry, 2004-06
Vice-Chair-Elect, Vice-Chair, Chair-Elect, Chair of Phys. Div. of the ACS, 2000-04
Editorial Board, Single Molecules, 2000-03
Vice-Chair, Chair of Gordon Conf. on Molecular Electronic Spectroscopy, 2000-03
Editorial Board, Journal of Chemical Physics, 1999-2001

Professional Service (continued):

Vice-Chair, Chair-Elect, Chair of Theory Subdiv. of the Phys. Div. of the ACS, 1993-96

Research Interests:

Theoretical chemistry of condensed phases; nonequilibrium statistical mechanics; chemical reaction dynamics; exciton and electron transport; dephasing and relaxation processes; linear and nonlinear spectroscopy of liquids and supercritical fluids, amorphous and crystalline solids, surfaces, and proteins; water.

Publications:

Over 220 in refereed journals (> 13,400 citations, h-index is 70, see Google Scholar)

Invited Lectures:

Over 330 at conferences, universities, and research laboratories