

Curriculum Vitae¹

STEVEN HURDER

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EDUCATION

- University of Illinois, Urbana-Champaign, Illinois
 - **Degree:** Ph.D. in Mathematics, May 1980
 - **Thesis Title:** *Dual Homotopy Invariants of G-Foliations*
 - **Thesis Advisor:** Franz W. Kamber
- Rice University, Houston, Texas
 - **Degree:** B.A. in Mathematics, May 1975

UNIVERSITY POSITIONS HELD

Academic Year

- Director of Undergraduate Studies, University of Illinois at Chicago, 2007–present
- Director of Graduate Studies, University of Illinois at Chicago, 2004–2006
- Professor, University of Illinois at Chicago, 1990–present
- Ulam Visiting Professor, University of Colorado, 1988–89
- Associate Professor, University of Illinois at Chicago, 1986–89
- Assistant Professor, University of Illinois at Chicago, 1985–86
- Member, Mathematical Sciences Research Institute, Berkeley, 1983–85
- Instructor, Princeton University, 1981–83
- Member, Institute for Advanced Study, Princeton, 1980–81

Visiting

- Professor Invité, Institut Henri Poincaré, Paris, France, January–March 2007
- Invited Professor, Chuo University, Tokyo, Japan, September 2003
- Professor Invité, Université de Bourgogne, Dijon, France, March 1999
- Professor Invité, École Normale Supérieure, Paris, June 1998
- Professor Invité, Université de Toulouse, March 1996
- Visitor, Universidade de Santiago de Compostela, September 1994
- Invited Professor, University of Tokyo, April 1994
- Professor Invité, Université de Lyon I, February 1994
- Visitor, Humbolt University, Berlin, June 1993
- Visitor, Universidade de Santiago de Compostela, May 1992
- Member, Mathematical Sciences Research Institute, Berkeley, April 1992
- Member, Institute for Advanced Study, Princeton, Fall, 1987
- Visitor, Institut Hautes Etudes Scientifique, Bures-sur-yvette, June, 1987
- Visitor, Free University of Berlin, Germany, May 1987
- Visitor, Mathematical Institute, Oxford, Spring, 1987
- Professor Invité, Université de Lille, I, May 1986

¹September 18, 2009

RESEARCH INTERESTS

- Ergodic theory & dynamics of foliations
- Differential topology & geometry of foliations
- Smooth ergodic theory & rigidity of group actions
- Spectral & index theory of foliated operators

FELLOWSHIPS, AWARDS AND PROFESSIONAL RECOGNITION

- UIC Award for Excellence in Teaching, 2007
- University Scholar, University of Illinois, 1991-94
- Invited Hour Speaker, A.M.S. Regional Meeting, Kansas, October 1988.
- Alfred P. Sloan Foundation Fellowship, 1985-87
- Mathematical Sciences Research Institute Fellowship, 1983-85
- Institute for Advanced Study Fellowship, 1980-81
- Multiple invitations to give Colloquia & Lectures
- Multiple invitations to give “mini-courses”: MSRI 1983–85, Berlin 1987, Boulder 1988–89, Berlin 1992, Tokyo 1994, Tokyo 2003, IHP Paris 2007, Barcelona 2010

POSTDOCTORAL RESEARCH SUPERVISION

- Chris Connell, University of Michigan, Ph.D. 1999 [NSF Postdoctoral Fellowship, 1999-2001]
- Hellen Colman, University of Santiago de Compostela, Ph.D. 1998 [Xunta Galicia Fellowship, Spain, August 1999 to May 2000]
- Andrzej Biś, Łódz University, Poland, Ph.D. 1995 [EU Marie-Curie Fellowship, January 2005 to January 2006]
- Dirk Töben, University of Köln, Ph.D. 2003 [Fellowship, Schwerpunktprogramm SPP 1154 DFG, September 2005 to October 2006, September–October 2007, February–March 2008]

GRANT SUPPORT

- Principal Investigator, NSF Research Grants at UIC, 1984-86; 1986-89; 1989-1991; 1991-94; 1994-97; 1997-2000; 2004-07.
- Principal Investigator, NSF Grant on Geometric Rigidity, Boulder May 1989
- Principal Investigator, NSF Grant for Geometry Special Year at UIC, 1987-88
- NSF Summer Grant at Princeton University, 1981-83

THESIS SUPERVISED

- Andrew Rich: *A Lefschetz Theorem for Foliated Manifolds*, University of Chicago, August 1989; Positions: Kansas State University, 1989-1992; Manchester College, Indiana, 1992-present (tenured).
- Mohan Ramachandran: *Eta Invariants for Open Manifolds with Boundary*, UIC, August 1990; Positions: Purdue University, 1990-1992; State University New York, Buffalo, 1992-present (tenured).
- Arek Goetz: *Dynamics of Piecewise Isometries*, UIC, August 1996; Positions: Boston University, 1996-99; San Francisco State University, 1999-present (tenured).
- Kristen (Wottreng) Schreck: *Computer Methods in Descriptive and Differential Geometry: Monge’s Legacy*, UIC, August 1999; Position: Moraine Valley Community College, 1999-present.
- Wojciech Florek: *Foliations: A Probabilistic, Potential Theory Approach*, UIC, December 2003; Position: City Colleges of Chicago, 2003-present.
- Joseph Shive: *Conjugation Problems for Hirsch Foliations*, UIC, August 2005; Position: City Colleges of Chicago, 2005-present.
- Nicholas Gardner: *Analysis on Laminations*, UIC, in progress.