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Mitchell Luskin

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EDUCATION

Yale University	Mathematics	B.S. 1973
University of Chicago	Mathematics	M.S. 1976
University of Chicago	Mathematics	Ph.D. 1977

ACADEMIC POSITIONS

1985– Professor of Mathematics, University of Minnesota
1989–90 Professor of Applied Mathematics, California Institute of Technology
1982–85 Associate Professor of Mathematics, University of Minnesota
1981–82 Assistant Professor of Mathematics, University of Minnesota
1979–80 Assistant Professor of Mathematics, University of Michigan
1977–79 Hildebrandt Research Assistant Professor of Mathematics, University of Michigan
1975–77 Lecturer, University of Chicago

SELECTED INVITED LECTURES

Plenary Lecture, SIAM Workshop on Mathematical Aspects of Materials Science, Philadelphia, May 23, 2010
Barrett Memorial Lectures, University of Tennessee, Knoxville, April 28-29-30, 2007
Distinguished Visitor Lecturer, Department of Mathematics, University of Iowa, 2003
Invited Lecture, Spitalfield Days, London Mathematical Society, May, 2003
Invited Lecture, International Congress of Mathematicians, Beijing, August, 2002
Plenary Address, German Mathematical Society (DMV), September, 1999
Distinguished Lecture, Pacific Institute for the Mathematical Sciences, September, 1998
Plenary Lecture, European Conference on Numerical Mathematics (ENUMATH), September, 1997

VISITING POSITIONS

Spring, 1980	Visiting Professor, Ecole Polytechnique Federale, Lausanne, Switzerland
1980-81	Visiting Member, Courant Institute of Mathematical Sciences
Winter, 2002	Visiting Associate in Mechanical Engineering, California Institute of Technology
Fall, 2002	Program Organizer, Insitute for Pure and Applied Mathematics, UCLA
June, 2003	Senior Visiting Fellow, Newton Institute, University of Cambridge

OTHER ACADEMIC POSITIONS

1985– Fellow, Minnesota Supercomputer Institute, University of Minnesota
1987– Graduate Faculty, Department of Aerospace Engineering and Mechanics, University of Minnesota
2008– Biomedical Infomatics & Computational Biology, University of Minnesota

FELLOWSHIPS

NSF National Needs Postdoctoral Fellowship, 1980–81
NSF Presidential Young Investigator Award, 1984–89

EDITORIAL POSITIONS

SIAM Journal on Numerical Analysis, Editor-in-Chief, 1990–1995
SIAM Journal on Numerical Analysis, Editor, 1982–1990, 1996–1998
Journal of Computational Physics, Editor, 1997–1999
Advanced Numerical Mathematics, book series published by B. G. Teubner, Editor, 1995–
Dynamics and Differential Equations, Editor, 1988–2003
Numerical Mathematics, A Journal of Chinese Universities, Honorary Editor, 1993–
International Journal of Computational and Numerical Analysis and Applications, Editor, 2000–
Communications in Applied Analysis, Editor, 1995–
International Journal of Differential Equations and Applications, Editor, 1999–
International Journal of Pure and Applied Mathematics, 2001–
Mathematical Modeling and Numerical Analysis, 2002–
Interfaces and Free Boundaries, 2003–
Communications in Mathematical Sciences, 2005–
The Journal Of Applied Mathematics And Computing, 2007–
SIAM Journal on Multiscale Modeling and Simulation, Editor, 2005–
Communications in Applied Mathematics and Computational Science, Editor, 2008–

SELECTED INTERNATIONAL AND NATIONAL COMMITTEES

NSF Panel on Future Directions in Computational Mathematics, Algorithms, and Software (Rheinbolt Committee), 1984
Organizing Committee, Special Year on Scientific Computation, Institute for Mathematics and Its Applications (IMA), 1986–87
Organizing Committee, IMA Workshop on Microstructure and Phase Transition, November, 1990
Organizing Committee, SIAM Conference on Linear Algebra, 1991
Organizing Committee, Special Year on Applied Linear Algebra, IMA, 1991–92
Organizing Committee, IMA Conference on Computational Problems in Liquid Crystals, 1992
NSF Advisory Committee, Division of Mathematical Sciences, 1991–93
Organizing Committee, SIAM Conference on Emerging Issues in Mathematics and Computation from the Materials Sciences, 1994
Organizing Committee, IMA Period of Concentration on the Effect of Small Scales in Computations of Microstructure and Turbulence, 1995
Organizing Committee, Special Year on High Performance Computing, IMA, 1996–97
Organizing Committee, SIAM Conference on Mathematical/Computational Aspects of Materials Science, 1997
SIAM Task Force on Computing, 1997
IMA Computational Programs and Resources Committee, Chair, 1998–
Oberwolfach Workshop on Numerics of Microstructure, Organizing Committee, 1999
Organizing Committee, MSRI Workshop on Homogenization and Effective Media Theories, 2000
Von Neumann Symposium Committee, AMS, 2001–2004
Organizing Committee, IPAM Program on Mathematics in Nanoscale Science and Engineering, Fall, 2002
Organizing Committee, CIMMS (Caltech) - IPAM Workshop on Molecular Modelling and Computation: Perspectives and Challenges, November, 2002
Organizing Committee, Chair, IPAM Workshop on Modeling and Simulation for Materials, November, 2002
Organizing Committee, Chair, IMA Year Program on Mathematics of Materials and Macromolecules: Multiple Scales, Disorder, and Singularities, 2004–5
Scientific Advisory Committee, Centre de Recherches Mathématiques (CRM), University of Montreal, 2002–5

DOCTORAL DEGREES SUPERVISED

San-Yih Lin (Ph.D. 1987), Robert Cohen (Ph.D. 1988), Charles Collins (Ph.D. 1990), Tsong-Whay Pan (Ph.D. 1990), Li Sheng (Ph.D. 1990), Ling Ma (Ph.D. 1991) Bo Li (Ph.D. 1996), Xiaolong Shih (Ph.D. 1996), James Riordan (Ph.D. 1997), Julia Liakhova (Ph.D. 1999), Pavel Bělík (Ph.D. 2000), Tianyu Zhang (Ph.D. 2006), Matthew Dobson (Ph.D. 2009).

POSTDOCTORAL RESEARCHERS SUPERVISED

Jonathan Luke (1987–89), Pierre Gremaud (1991–94), John Lowengrub (1992–93), Andreas Prohl (1996–97), Martin Kruzik (1996–98), Bruce Ayati (1998–2000), Guido Kanschat (1999–2001), Yalchin Efendiev (1999–2001), Frederic Legoll, (2004–2005), Xiantao Li, (2004–2005), Marcel Arndt (2006–)