

# John D. Smillie

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Mathematics Institute  
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U.K.

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## Education

B.A. (Math) New College, June 1974  
M.S. (Math) University of Chicago, June 1975  
Ph.D. (Math) University of Chicago, August 1977

## Thesis Advisor

Prof. Richard Lashof, University of Chicago

## Experience

9/77 - 8/80	Instructor, Princeton University
9/80 - 8/81	Member, Institute for Advanced Study
9/81 - 8/83	National Science Foundation Postdoctoral Fellow, at University of California, Berkeley (9/81 - 8/82) and at City University of New York, Graduate Center (9/82 - 8/83)
9/83 - 1/86	Assistant Professor, Herbert H. Lehman College and Graduate Center of CUNY
1/86 - 9/89	Associate Professor, Herbert H. Lehman College and Graduate Center of CUNY
9/86 - 6/87	Visiting Associate Professor, Cornell University
7/87 - 12/90	Associate Professor, Cornell University
1/88 - 6/88	Visiting Associate Professor, University of Illinois at Chicago
1/91 -	Professor, Cornell University
7/99 - 6/02	Chairman of the Cornell Mathematics Department
9/13-	Professor, University of Warwick
7/15-	Emeritus Professor, Cornell University

## Research and sabbatical positions

9/92 - 12/92	Visiting Professor, Ecole Normal Superior de Lyon
1/93 - 8/93	Visiting Professor, Institute des Hautes Etudes Scientifique
1/95 - 8/95	Member of the organizing committee and participant, Semester on complex dynamics and hyperbolic geometry, MSRI, Berkeley
9/03-12/03	Visiting Research Professor at the Research Institute for Mathematical Sciences, Kyoto University
8/07-12/07	Program on Teichmüller Theory and Kleinian groups MSRI, Berkeley
5/10 - 8/10	Program on Teichmüller Dynamics, Hausdorff Institute for Mathematics, Bonn, Germany

3/12 - 6/12	Geometric and Analytic Aspects of Group Theory, Institute Mittag-Leffler, Stockholm, Sweden
9/13-12/13 Island	Program in low dimensional topology and dynamics, ICERM Providence, Rhode
8/16-12/16	Program in geometric group theory, MSRI
8/19-12/19	Program in physics and holomorphic differentials, MSRI

### **Fellowships, Awards and Research Grants**

N.S.F. Graduate Fellowship, University of Chicago, 1975-1977  
 N.S.F. Research Grant, 1978-1981  
 Membership in Institute for Advanced Study, 1980-1981  
 N.S.F. Postdoctoral Fellowship, 1981-1983  
 N.S.F. Research Grant, 1983-2013  
 Sloan Foundation Fellowship, 1985  
 Cornell Mathematics Department VIGRE Grant P.I., 1999-2005  
 Fellow of the AMS 2013  
 Wolfson Research Merit Award 2015

### **Current Funding**

US-Israel Binational Science Foundation Research Grant

### **Significant Lectures**

June 1988 Work presented at "Seminar Bourbaki"  
 July 1990 Plenary Lecture, International Congress on Dynamical Systems, Lyon, France  
 November 1992 Rencontre Mathematique, Ecole Normal Superieur de Lyon, France  
 August 1993 International Dynamical Systems Workshop, IMPA, Rio de Janeiro, Brazil  
 January 1995 One hour plenary address, American Mathematical Society Winter Meeting, San Francisco  
 July 1997 Plenary lecture to the 4-th Quadriennial International Conference on Dynamical Systems, IMPA, Rio de Janeiro  
 August 1999 Series of 6 lectures at the Chinese Academy of Science in Beijing  
 April 1999 Principle lecturer, University of Arkansas Lecture Series on Complex Dynamics  
 August 2002 Invited Address at the International Congress of Mathematics, Beijing  
 July 2004 Five lecture mini-course at the International Center of Theoretical Physics Summer School and Conference on Dynamical Systems in Trieste  
 August 2007 Three lecture introduction to translation surfaces  
 March 2008 Introductory conference for the MSRI program on Teichmüller Space and Kleinian Groups  
 April 2008 "Frontiers in Mathematics" Lecturer at Texas A&M  
 July 2009 Plenary lecturer at the 27th Brazilian Colloquium of Mathematics  
 February 2011 Frontiers in Complex Dynamics (Milnor's 80th Birthday Conference), Banff, Canada

May 2013 Four lecture mini-course in Higher Dimensional Complex Dynamics at ICTP in Trieste  
May 2015 Plenary speaker at the conference celebrating the 25th anniversary of the IMS at Stony Brook  
May 2018 Distinguished Lecture Series at Technion University in Haifa.

### Recent Lectures

June 2009 Advances in Low Dimensional Dynamics Conference at Stony Brook  
July 2009 Masur Birthday Conference, Luminy, France  
July 2009 Plenary lecturer at the 27th Brazilian Colloquium of Mathematics  
March 2010 Yale University Dynamics Seminar  
April 2010 Penn State Dynamics Seminar  
June 2010 Conference on Teichmüller Theory and its Interactions with Mathematics and Physics, Barcelona, Spain  
October 2010 Penn State Semi-annual Workshop in Dynamics  
May 2012 Hebrew University Dynamics Seminar  
August 2012 GEAR Retreat, University of Illinois  
October 2012 Harvard Dynamics and Geometry Seminar  
January 2013 Lecture at "Dynamics of Lie Group Actions on Parameter Space", Sde Boker, Israel  
April 2013 Lecture at IPAM at UCLA  
November 2013 Colloquium and Dynamics Seminar lectures at Stony Brook  
October 2013 Research lecture at ICERM  
November 2013 Introductory lecture on Teichmüller dynamics at ICERM  
March 2014 Lecture at Oberwolfach program on Teichmüller dynamics  
August 2014 Lecture at Holomorphic Dynamics in Gyeongju, Korea  
August 2014 Lecture at Fukuoka University on Computers and Complex Dynamics  
March 2015 Yorkshire and Durham Geometry Days  
July 2015 Luminy conference on Flat Surfaces  
December 2015 Grenoble Geometry and Topology Seminar  
November 2015 Bristol Dynamics Colloquium  
December 2015 Grenoble Colloquium  
January 2016 AIMS Quadratic Differentials Workshop  
May 2016 BIRS Oaxaca Flat Surfaces Workshop  
July 2016 Sebastien Van Strien Birthday Conference  
November 2016 Stanford Dynamics Seminar  
August 2017 Hamilton Workshop, Dublin  
December 2017 Weihnachtsworkshop, Saarbrücken  
April 2018 Veech Memorial Conference, University of Maryland  
June 2018 Grenoble Summer School lecturer  
July 2019 Dynamics of Parabolic Flows, lecture and mini-course

### **Ph. D. Students**

Ricardo Oliva (1998)  
Suzanne Hruska (2002)  
Robyn Miller (2013)  
Kathryn Lindsay (2014)  
Lucien Clavier (2015)  
Chenxi Wu (2016)

### **NSF Postdocs Mentored**

Jeffrey Diller  
Greg Buzzard  
Rodrigo Perez  
Karianne Calta  
Rodrigo Treviño

### **Recent Committees and Service**

Eastern Section Program Committee of the AMS (2008-2010)  
NSF Panelist for Geometric Analysis and Postdoctoral Fellowships  
NSF Panelist for Postdoctoral Fellowships in Mathematics  
NSF Panelist for Dynamical Systems and Ergodic Theory  
Committee for Academic Planning (Cornell College of Arts and Sciences)(2009)  
Cornell Arts and Sciences Committee on Nominations and Elections (2008-11)  
Committee to Select the Dean of the Cornell College of Arts and Sciences (2012-13)  
American Mathematical Society Committee on the Profession (2012-2016)  
Co-organized the memorial conference for Bill Thurston: "What's Next?" (2014)  
Co-organized LMS-Clay Research School at Warwick  
Co-organized Warwick Symposium Year 2017/2018