

## JEFFREY F. BROCK

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### ACADEMIC POSITIONS

**Brown University**, Providence, RI.

Professor, Department of Mathematics, 2007-present.

Associate Professor (with tenure), Department of Mathematics, 2003-2007.

**University of Chicago**, Chicago, IL.

Assistant Professor, Department of Mathematics, 2000-2003.

**Stanford University**, Stanford, CA.

Szegö Assistant Professor, Department of Mathematics, 1997-2000.

### VISITING POSITIONS

**University of Texas**, Austin, TX.

Donald D. Harrington Faculty Fellow, 2003-2004.

**University of Bonn**, Bonn, Germany.

June-July 2002.

### EDUCATION

**University of California**, Berkeley, CA.

Ph.D. in mathematics, 1997, under the supervision of Curtis T. McMullen.

**Yale University**, New Haven, CT.

B.A. Phi Beta Kappa, *Magna Cum Laude*, distinction in mathematics, 1992.

**The Paideia School**, Atlanta, GA.

Graduated 1988.

### RESEARCH INTERESTS

Three-dimensional manifolds, Riemann surfaces, coarse geometry.

## ACADEMIC HONORS

John Simon Guggenheim Fellowship Award, 2007.  
Donald D. Harrington Faculty Fellow, University of Texas at Austin 2003-2004.  
NSF Postdoctoral Fellow, Stanford University, 1997-2000.  
Alfred P. Sloan Doctoral Dissertation Fellow, U.C. Berkeley, 1996-1997.  
Outstanding Graduate Student Instructor Award, U.C. Berkeley, 1996.  
NSF Graduate Fellow, U.C. Berkeley, 1993-1996.  
Stanley and DeForest Mathematics Prizes, Yale University, 1991 and 1992.

## GRANT SUPPORT

NSF FRG Grant, DMS-0553694, (Co-PIs Bromberg, Canary, and Minsky), 6/2006-6/2009.  
NSF Grant DMS-0354288, 6/2005-6/2008.  
NSF Grants DMS-0204454 (Chicago) and DMS-0354288 (Brown), 6/2002-6/2005.  
Postdoctoral Associate, NSF Research Grant DMS-0072133, 2000-2002.

## SELECTED INVITED PRESENTATIONS

William Thurston's 60th Birthday Conference, Princeton, NJ, 2007.  
*Teichmüller Space and Outer Space*, Marseille, France, 2007  
Geometry of Moduli Spaces, Stanford, CA, 2007.  
MAA Invited Address, AMS-MAA National Meetings, New Orleans, LA, 2007.  
Three-lecture series, *3-Manifolds After Perelman*, Edinburgh, Scotland, 2006.  
Three-lecture series, *Trois Journées de Topologie à Orsay*, Orsay, France, 2005.  
Low-dimensional topology meeting, Oberwolfach, Germany, 2005.  
*Geometry and Topology of Three Manifolds*, Trieste, Italy, 2005.  
AMS Invited Address, Pittsburgh, PA, 2004.  
Wesleyan Geometric Analysis Conference, Middletown, CT, 2004.  
Main Lecturer, VIGRE mini-course, Salt Lake City, UT, 2004.  
Cornell Topology Festival, Ithaca, NY, 2004.  
*Colloquia*: U. Bonn, Brown, Boston College, Johns Hopkins, U. Minnesota,  
Northwestern, OK State, Rutgers-Newark, U. Toronto, U. Washington, Yale.  
*Seminars*: Caltech, Columbia, CUNY, GA Tech, Harvard, Princeton,  
Stony Brook, Stanford, U.C. Berkeley, U.C. Davis, U.C. Santa Barbara,  
U. Chicago, U.I.C., U. Michigan, U. Maryland, USC, U. Texas, Yale.

## RESEARCH SUPERVISION

NSF Postdoctoral Sponsor for Richard Kent, Brown University 2006-present.  
NSF Postdoctoral Sponsor for David Dumas, Brown University 2005-present.  
Undergraduate Thesis Advisor for Ilya Kopytsitsky, Brown University 2005-2006.  
UTRA Supervisor, Yuji Kosugi, Brown University, Summer 2006.  
Secondary graduate advisor to Dan Margalit and Pallavi Dani,  
University of Chicago.

## SERVICE

Undergraduate Science Education Committee, 2006-2007.  
Organizer, *Kleinian groups and Teichmüller Theory*, Fall 2007 MSRI program.  
Organizer, *Geometry and Dynamics in Surfaces and 3-Manifolds*,  
Spring 2007 FRG conference.  
Freshman Advisor, 2005-2006.  
Colloquium Chair, 2004-2006.  
Senior Appointments Committee, 2005-2006.  
Tamarkin Assistant Professor Committee, 2004-2005.  
Organizer, *Tameness in Texas*, Harrington Conference at U.T. Austin, 2004.  
NSF-VIGRE REU Instructor, U. Chicago, summers 2001, 2002.

## REFERENCES

Francis Bonahon, University of Southern California, Los Angeles, CA.  
Cameron Gordon, University of Texas, Austin, TX.  
Steven Kerckhoff, Stanford University, Stanford, CA.  
Curtis McMullen, Harvard University, Cambridge, MA.  
Yair Minsky, Yale University, New Haven, CT.  
Scott Wolpert, University of Maryland, College Park, MD.  
Paul Sally, University of Chicago, Chicago, IL (teaching reference).