

# Jason Behrstock

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## Education

Ph.D. in Mathematics (expected), State University of New York at Stony Brook, May 2004.

Title: *Asymptotic Geometry of the Mapping Class Group and Teichmüller Space*

Thesis Advisor: Yair Minsky

B.A. in Mathematics (with Honors), University of California at Berkeley, May 1998.

**Date of Birth** March 1, 1976. U.S.A. Citizen

## Research Interest

Geometric group theory

Automorphisms of surfaces

Low dimensional topology

## Awards

Dorothy Pieper Merit Award, 1998

## Selected Invited Lectures

*Asymptotic Geometry of the Mapping Class Group and Teichmüller Space.*

Geometry and Topology Seminar; California Institute of Technology. Fall 2003.

Geometry and Topology Seminar; University of Chicago. Fall 2003.

Geometry, Topology, and Dynamics Seminar; University of Illinois, Chicago. Fall 2003.

Geometric Topology Seminar; Columbia University. Fall 2003.

Albany Group Theory Conference; New York. Fall 2003.

*Teichmüller quasigeodesics.*

Complex Analysis and Geometry Seminar; SUNY Stony Brook. Fall 2002

*Geometry of Teichmüller space.*

Complex Analysis and Geometry Seminar; SUNY Stony Brook. Spring 1999

## Teaching Experience at SUNY Stony Brook

Lecturer in Mathematics: Mathematics/Computer Science 371 (advanced mathematical logic), Spring 2003. Complete responsibility for class.

Lecturer in Mathematics: Mathematics 125 (first semester calculus), Fall 2002. Complete responsibility for class.

Lecturer in Mathematics: Mathematics 131 (first semester calculus for scientist), Fall 2001-Spring 2002. Complete responsibility for class.

Teaching Assistant: Mathematics 126 and 131 (calculus), Fall 2000-Spring 2001. Led discussion sections, graded quizzes and homework, and held office hours.

## Conferences Attended

Albany Group Theory Conference; Albany, New York, October 2003.  
Spaces of Kleinian Groups and Hyperbolic 3-manifolds; Newton Institute, Cambridge, England, August 2003.  
Wasatch Topology Conference, Park City, Utah, June 2003.  
2001 Ahlfors-Bers Colloquium; University of Connecticut, November 2001.  
Albany Group Theory Conference; Albany, New York, October 2001.  
Groups and Low Dimensional Topology; Centre de Recherches Mathématiques, Montréal, Canada, June-July 2001.  
Geometric and Topological Aspects of Group Theory; Mathematical Sciences Research Institute, Berkeley, California, May 2000.

## Professional Service

Co-organizer of the SUNY Stony Brook Complex Analysis and Geometry seminar, Fall 2002-Spring 2003.  
Co-organizer of the UC Berkeley Dynamical Systems Seminar, Fall 1996-Spring 1997.

## References

Yair Minsky (thesis advisor)  
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Dept. of Mathematics  
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Lee Mosher  
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Scott Sutherland (teaching reference)  
Dept. of Mathematics  
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