

Employment

- **University of Arizona**
Assistant Professor, 2005 - present
- **McGill University**
NSERC Postdoctoral Fellow, 2001-02 and 2003-04
CICMA Postdoctoral Fellow, 2004-05
- **Institut des Hautes Études Scientifiques**
NSF International Research Fellow, 2002-03

Education

- **Harvard University** (1996-2001)
Ph.D., Mathematics, June 2001
A.M., Mathematics, June 1998
Doctoral Advisor: Richard L. Taylor
- **University of British Columbia** (1992-96)
B.Sc., Mathematics, May 1996

Grants and awards

- NSF DMS-0600871, *p-adic and mod p Galois representations, and generalized Breuil-Mézard conjectures*, PI, 2006-2009
- NSF OISE-0107331, *International Research Fellowship Program: Modularity of geometric Galois representations*, PI, 2002-2003
- NSERC Postdoctoral Fellowship, 2001-2004
- NSERC Graduate Fellowships (PGS-A and PGS-B), 1996-2000, and Putnam graduate fellowship, 1996-2001

Visiting positions

- **Max-Planck Institut für Mathematik**
Visiting researcher, January-June 2006
- **Max-Planck Institut für Mathematik**
Visiting researcher, June 2002
- **Clay Mathematics Institute**
Liftoff Researcher, June-August 2001

Publications

1. *Harmonic Algebraic Curves and Noncrossing Partitions*, with Jeremy Martin and Ted Singer, to appear, *J. of Discrete and Computational Geometry*
2. *On a Conjecture of Conrad, Diamond, and Taylor*, *Duke Math. Journal* 128 (2005), no. 1, 141–197
3. *Modularity of some potentially Barsotti-Tate Galois representations*, *Compositio Math.* 140 (2004), no. 1, 31–63

4. *The maximum number of points on a curve of genus 4 over \mathbb{F}_8 is 25*, with an appendix by Kristin Lauter, *Canad. J. Math* 55 (2003), no. 2, 331–352
5. *A Note on the Symmetric Powers of the Standard Representation of S_n* , with Richard P. Stanley, *Electron. J. Combin.* 7 (2000), no. 1, Research Paper 6, 8 pp

Service

- Referee for *Compositio Mathematica*, *Duke Mathematical Journal*
- Reviewer for *Mathematical Reviews*, December 2003 to present
- Member of the Committee on the American Mathematics Competitions Advisory Board (MAA), 2002 to present
- Editor of the Challenge Board Problems section of the journal *Cruz Mathematicorum*, January 1998-December 2001

Conferences

- Co-organizer of *p-adic representations, modularity, and beyond*, American Institute of Mathematics, February 2006

Mathcamp

Canada/USA Mathcamp is a 5-week-long summer program for mathematically talented high school students.

- *Deputy director*, Canada/USA Mathcamp, 2002 to present
- *Co-chair*, Mathcamp planning committee, 1999 to present
- *Faculty member*, Mathcamp 2003, 2004
- *Academic coordinator*, Mathcamp 2001, 2002
- *Academic co-coordinator*, Mathcamp 2005
- *Teacher and mentor*, Mathcamp 1996, 1997, 1998, 1999, 2000

Invited Talks

- ETH-Zürich Number Theory Seminar, May 2006
- Alexander von Humboldt Foundation Meeting in Bonn, April 2006
- Max-Planck Institut für Mathematik Oberseminar, March 2006
- University of Arizona Algebra and Number Theory Seminar, series of three talks, August/September 2005
- Québec-Vermont Number Theory Seminar, April 2005
- University of Iowa Colloquium, February 2005
- CUNY College of Staten Island Colloquium, February 2005
- University of Arizona Colloquium, February 2005
- University of Colorado Colloquium, February 2005

- University of Georgia Colloquium, February 2005
- University of Waterloo Colloquium, January 2005
- Ohio State Algebraic Groups Seminar, January 2005
- Special Session on Arithmetic Geometry, CMS Winter Meeting, December 2004
- U.C.L.A. Number Theory Seminar, November 2004
- Canadian Number Theory Association, June 2004
- Québec-Vermont Number Theory Seminar, February 2004
- Microsoft Research, July 2003
- I.H.E.S. (C. Soulé seminar), February 2003
- University of Münster (P. Schneider seminar), February 2003
- Max-Planck Institut für Mathematik Number Theory seminar, February 2003
- Harvard Modular Forms seminar, January 2003
- U.B.C. Number Theory seminar, January 2003
- Mini-course on étale cohomology, Langlands Program Workshop, CRM, April 2002
- University of Toronto Number Theory Seminar, February 2002
- Ohio State Number Theory Seminar, October 2001
- Québec-Vermont Number Theory Seminar, October 2001
- Harvard Number Theory Seminar, April 2001
- Caltech Number Theory Seminar, January 2001

Contributed Talks

- Canadian Number Theory Association conference, May 2002
- Canadian Mathematical Society Winter Meetings, December 2000

Address

255 N. Granada Ave. Apt. 1007
Tucson, AZ, 85701
Email: savitt@math.arizona.edu

Personal

Dual U.S. and Canadian citizen, born September 12, 1977