

CURRICULUM VITAE

Erin E. Chamberlain

Personal:

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Citizenship: USA

Education:

PhD Mathematics	expected May 2008	University of Utah (Paul Roberts, Advisor)
MA Mathematics	May 2004	University of Utah
BA Mathematics	April 2000	Brigham Young University

Research Interests:

Commutative Algebra, Homological Algebra
Thesis Title: Modules with prescribed intersection properties

Employment:

Research Assistant	Spring 2008	University of Utah
Teaching Fellow	Spring–Fall 2007	University of Utah
Research Assistant	Fall 2006	University of Utah
Teaching Fellow	Fall 2004–Spring 2006	University of Utah
Teaching Assistant	Fall 2002–Summer 2004	University of Utah
Research Assistant	Fall 1999–Spring 2000	Brigham Young University
Teaching Assistant	Spring 1999	Brigham Young University
Grader	Fall 1998	Brigham Young University

Seminar Talks:

- Jan. 2008 *Modules with prescribed intersection properties*, AMS Joint Mathematics Meeting, San Diego, CA
- Nov. 2007 *Modules with prescribed intersection properties II*, Commutative algebra seminar, University of Utah
- April 2007 *Modules with prescribed intersection properties I*, Commutative algebra seminar, University of Utah
- Oct. 2006 *Modules of finite projective dimension over complete intersections*, Commutative algebra seminar, University of Utah
- Sept. 2006 *The geometry of commutative algebra*, Graduate colloquium, University of Utah
- March 2006 *The monomial conjecture and Cohen-Macaulay canonical modules—a paper by Le Thanh Nhan, part II*, Commutative algebra seminar, University of Utah
- March 2006 *The monomial conjecture and Cohen-Macaulay canonical modules—a paper by Le Thanh Nhan, part I*, Commutative algebra seminar, University of Utah
- April 2005 *Modules of finite length and finite projective dimension—a paper by P. Roberts and V. Srinivas*, Commutative algebra seminar, University of Utah

Grants/Awards:

VIGRE grant: To promote interaction among members of the community at all levels.

Duties:

- Coordinate mentors for the prelim boot camps.
- Mentor the students preparing for the Algebra prelim.
- Help with Math Circle, a high school mathematics program.
- Mentor for the ACCESS program, an eight week course for incoming freshmen women in the sciences.

Outstanding Graduate Student Award: (2005) Based on excellence in teaching and progress through the graduate program.

Conferences Attended:

Jan. 2008 AMS Joint Mathematics Meeting, San Diego, CA
Oct. 2006 AMS sectional meeting, Salt Lake City, Utah
May 2006 Homological conjectures in Commutative Algebra, Conference in Honor of Paul Roberts' 60th Birthday, Snowbird, Utah
June 2005 Summer school in Commutative Algebra for graduate students: Local cohomology and its interactions with Algebra, Geometry, and Analysis, Snowbird, Utah
June 2004 Mini-course on Classical problems in Commutative Algebra, Salt Lake City, Utah

Teaching:

Math 3210	Foundations of Analysis	Fall 2007, Summer 2007
Math 2210	Calculus III	Summer 2004
Math 1220	Calculus II	Fall 2004, Fall 2003
Math 1210	Calculus I	Spring 2004
Math 1100	Quantitative Analysis	Spring 2003
Math 1090	Business Algebra	Summer 2005, Fall 2002
Math 1060	Trigonometry	Spring 2005, Summer 2003
Math 1050	College Algebra	Spring 2007

Professional Activities:

President of the AWM student chapter	2004–2007
Co-Founder and Vice-president AWM student chapter	2003–2004

Professional Memberships:

AMS
AWM

References

Paul Roberts
Anurag Singh
Nathan Smale
Nick Korevaar