

Curriculum Vitæ
Sandra Spiroff

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Personal Data

Address: 636 East Roosevelt Avenue, Salt Lake City, Utah 84105
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Date of Birth: April 16, 1969; St. Louis, Missouri, USA

Education

1996-2003 Ph.D. in Mathematics, University of Illinois at Urbana-Champaign
Dissertation: "The Behavior on the Restriction of Divisor Classes to Sequences of Hypersurfaces"; Phillip Griffith, advisor
1994-1996 MA in Mathematics, Saint Louis University, St. Louis
1987-1991 BS in Mathematics, Indiana University, Bloomington

Positions

2006-present Assistant Professor, Seattle University
2003-2006 VIGRE and Scott Postdoctoral Assistant Professor, University of Utah
2001-2003 GAANN and VIGRE Fellow, University of Illinois at Urbana-Champaign
2000-2001 METER/IPLP Research Assistant, University of Illinois at Urbana-Champaign
1996-2000 Teaching Assistant, University of Illinois at Urbana-Champaign
1994-1996 Instructor and Teaching Assistant, Saint Louis University, St. Louis
1992-1994 High School Instructor, Normandy School District, St. Louis

Publications (Available from the URL listed above.)

Restriction of divisor classes to hypersurfaces in characteristic p , with P. Griffith,
J. Algebra, **275** (2004) 801-814.
The limiting behavior on the restriction of divisor classes to hypersurfaces,
J. Pure Appl. Alg., **186** (2004) 77-89.

Selected Talks

- April 2005 Departmental Colloquium, Georgia State University, Atlanta
Growth of Ideals
- April 2005 Undergraduate Colloquium, University of Utah
Unique Factorization
- December 2004 Math Circle, University of Utah
Fibonacci
- October 2004 AMS Fall Southeastern Section Meeting, Vanderbilt University
Growth of Ideals
- September 2004 Science Day, University of Utah
Unique Factorization and the Roll of the Dice
- February 2004 Math Circle, University of Utah
Unique Factorization
- September 2003 Graduate Colloquium, University of Utah
The Divisor Class Group of a Noetherian Normal Domain
- June 2004 Mini Course, University of Utah: "Classical Problems in Commutative Algebra", *Cohen-Macaulay Rings, Injective Modules and Gorenstein Rings, Auslander-Buchsbaum Formula, Chow Group*
- April 2003 Commutative Algebra Seminar, University of Utah
The Behavior of the Restriction of Divisor Classes to Sequences of Hypersurfaces
- March/April 2002 Seminar, Washington University in St. Louis
Limiting Behavior on Restrictions of Divisor Classes to Hypersurfaces
- February 2002 Algebra Seminar, Saint Louis University, St. Louis
Limiting Behavior on Restrictions of Divisor Classes to Hypersurfaces
- January 2002 Joint Mathematics Meeting, San Diego
Limiting Behavior on Restrictions of Divisor Classes to Hypersurfaces

Honors and Grants

- 2004 AWM-NSF Travel Grant
- 2002 VIGRE Fellowship, University of Illinois at Urbana-Champaign
- 2001 GAANN Fellowship, University of Illinois at Urbana-Champaign
- 2000 METER/IPLP Research Assistant Grant, University of Illinois at Urbana-Champaign
- 2000 Mathematics Teaching Award, University of Illinois at Urbana-Champaign
- 2000 Incomplete List of Teachers Ranked as Excellent by Their Students, University of Illinois at Urbana-Champaign
- 1994 Presidential Fellowship, Saint Louis University, St. Louis (1994-1996)
- 1990 Phi Beta Kappa, Indiana University, Bloomington

Professional Activities

- 2006 “Homological conjectures in commutative algebra: A conference in honor of Paul Roberts”, Snowbird, Utah; co-organizer with Jean Chan, Mel Hochster, and Sean Sather-Wagstaff
<http://www.math.utah.edu/~spiroff/paulfest.html>
- 2006 Rocky Mountain Mathematics Consortium Representative, University of Utah
- 2005 “Commutative Algebra Conference honoring the contributions of Phillip Griffith”, University of Illinois at Urbana-Champaign; co-organizer with Andrew Kustin, Matt Miller, and Anurag Singh
<http://www.math.utah.edu/~spiroff/philfest.html>
- 2004-2006 Phi Beta Kappa of Utah Vice President, University of Utah
- 2004-2006 Commutative Algebra Seminar Organizer, University of Utah
- 2002 Capricious Grading Committee, University of Illinois at Urbana-Champaign
- 2002 Computer Steering Committee, University of Illinois at Urbana-Champaign
- 2001 Teaching Awards Chairperson, University of Illinois at Urbana-Champaign

Conferences Attended

- June 2005 AMS-IMS-SIAM Summer Research Conference in Commutative Algebra: Local Cohomology and Its Applications, Snowbird, Utah
- February 2005 Career Options for Women in Mathematical Sciences, University of Minnesota
- January 2005 Joint Mathematics Meetings, Atlanta
- July 2003 AMS-IMS-SIAM Summer Research Conference in Commutative Algebra: Presentations by Young Researchers, Snowbird, Utah
- April 2003 Bluegrass Algebra Conference and Hayden-Howard Conference, University of Kentucky (BACH²)
- January 2003 Joint Mathematics Meetings, Baltimore
- March 2002 Commutative Algebra Days, University of Nebraska-Lincoln
- January 2002 Joint Mathematics Meetings, San Diego
- March 2001 AMS Spring Central Section Meeting, University of Kansas

Graduate Students

- Dissertation Committee, Kazuma Shimomoto
- Masters Oral Committee, Drew Butcher

Undergraduate Students

- Research Experience for Undergraduates (REU), Timothy Simmons

Refereeing and Reviewing

Journal of Algebra, referee

Memberships

American Mathematical Society
Mathematical Association of America
Association for Women in Mathematics
Phi Beta Kappa National Honor Society

References

Research: Paul Roberts, Professor, University of Utah
(801) 581-7556, roberts@math.utah.edu

Phillip Griffith, Professor Emeritus, University of Illinois
at Urbana-Champaign
(217) 333-3350, griffith@math.uiuc.edu

Anurag Singh, Associate Professor, University of Utah
(801) 581-8647, singh@math.utah.edu

Florian Enescu, Assistant Professor, Georgia State University
(404) 654-5873, fenescu@mathstat.gsu.edu

Teaching: Nat Smale, Associate Chair, University of Utah
(801) 581-6567, smale@math.utah.edu

Peter Trapa, Math Circle Coordinator, University of Utah
(801) 585-7671, ptrapa@math.utah.edu