

Kelly L. McKinnie, Curriculum Vitae

CONTACT INFORMATION	University of Montana Department of Mathematical Sciences Mathematics Building Missoula, MT 59812 USA	Office phone: (406) 243-5694 Webpage: www.math.umt.edu/mckininie Email: kelly.mckinnie@mso.umt.edu
EDUCATION	Ph.D. Mathematics, May 2006 University of Texas at Austin, Austin, Texas USA <ul style="list-style-type: none">• Dissertation Title: “Noncyclic and Indecomposable p-Algebras”• Academic Advisor: David J. Saltman BS Mathematics, May 1999 University of Missouri at Columbia, Columbia, Missouri USA <ul style="list-style-type: none">• Graduated Summa Cum Laude	
RESEARCH INTERESTS	My research interests include finite dimensional division algebras and the Brauer group. Outside of my mathematics research I am interested in outreach programs that increase participation in mathematics and other STEM fields. I am also interested in increasing the number of people from underrepresented groups pursuing these fields.	
ACADEMIC EXPERIENCE	<i>Associate Professor, University of Montana</i> , Fall 2012 – Present <i>Assistant Professor, University of Montana</i> , Fall 2008 – Fall 2012 <i>G.C. Evans Instructor & NSF Post-doctoral Fellow, Rice University</i> , Fall 2007 – Spring 2009 <i>NSF Post-doctoral Fellow, Emory University</i> , Fall 2006 – Summer 2007 <i>Graduate Student, University of Texas at Austin</i> , Fall 1999 – Spring 2006	
TEACHING EXPERIENCE	University of Montana M172, Calculus II (4 cr), Spring 2011, Fall 2011, Fall 2013, Spring 2014 M171, Calculus I (4 cr), Fall 2009, Spring 2011 M273, Multivariable Calculus (4 cr), Spring 2015 M431, Abstract Algebra I (4 cr), Fall 2011, Fall 2013 M522, Graduate Algebra II (3 cr), Spring 2012, Spring 2014 (listed as M524) M524, Introduction to Computational Algebraic Geometry (3 cr), Fall 2009 M524, Linear Algebra with an Introduction to Quadratic Forms (3 cr), Fall 2010, Spring 2015 M525, Commutative Algebra (3 cr), Spring 2013 M620, Algebra Seminar (1 cr), 4 times	
	G.C. Evans Instructor, Rice University Teaching Assistant and Assistant Instructor, University of Texas at Austin, 2000 - 2006. Selected assignments included <i>Emerging Scholars Program</i> , calculus workshop leader, Fall 2005. <i>Graduate Student Coordinator, Saturday Morning Math Group</i> , Fall 2003-Spring 2004.	

SELECTED SERVICE ACTIVITIES *Math Day and Math Circle*, co-organizer; 2010 - Present
College of Humanities and Sciences Dean's Faculty Advisory Committee, member, Fall 2012 - present
Calculus Coordinator, Fall 2011 - present. Coordinate all M171 and M172 calculus courses for UM
UMCUR, Graduate Student and Faculty Research Conference, OREOS, volunteer judge, 4 times since August 2011.

SELECTED AWARDS AND HONORS *Appointed to the AMS Committee on Science Policy* Member at large, 3 year term, February 1, 2015 - January 31, 2018.
NSF DMS-1214939, The 10th Brauer Group Meeting, co-PI with Eric Brussel of Cal State San Luis Obispo and Daniel Krashen of the University of Georgia, \$21,200. June 1, 2012 - May 31, 2013
MAA and Dolciani Foundation grant: Math Enrichment Program for Western Montana HS Students, CO-PI, along with Professor Jenny McNulty (UM), \$6,000, September 1, 2010 – August 31, 2010. Renewed in March 2011 for \$6,000, September 1, 2011 - August 31, 2013 and renewed in March 2013 for \$6,000, September 1, 2013 - September 30, 2015.
NSF DMS-0901516, Measures of complexity on Brauer groups, PI, \$101,166, September 1, 2009 - August 31, 2012. No cost extension approved with end date August 31, 2013
AMS Project NExT Fellow, 2009 - 2010

CONFERENCES CO-ORGANIZED The 12th Brauer Group Meeting, Pingree Park, Colorado, June 8-12, 2015, organized with Daniel Krashen (U. Georgia).
Pacific Northwest MAA section meeting, University of Montana, Missoula, MT, June 2014
AMS Special Session on The Brauer Group in Algebra and Geometry, San Diego, CA, January 2013, organized with Asher Auel and V.Suresh of Emory University.
The 10th Brauer Group Meeting, Pingree Park, Colorado, August 6-10, 2012, organized with Daniel Krashen and Eric Brussel. Applied for and received an NSF grant to run the conference (see awards and honors).
The 8th Brauer Group Meeting, Pingree Park Colorado, June 29 - July 4, 2008, organized with Skip Garibaldi and Daniel Krashen
AMS Special Session on Division Algebras, Galois Theory, Cohomology and Geometry, San Antonio, TX, January 2006, organized with David J. Saltman of the University of Texas