

PHILIP PUENTE

CURRICULUM VITAE

University of North Texas
1155 Union Circle # 311430
Denton, TX 76203

CELL: +1-210-317-4688
E-MAIL: PhilipPuente@my.unt.edu
WEBSITE: <http://math.unt.edu/~pcp0023>

EDUCATION

- Ph.D. Mathematics, estimated graduation August 2017
University of North Texas, Denton, TX
Dissertation: Braid groups of infinite complex reflection groups
Advisor: Dr. Anne Shepler
- M.S. Mathematics, 2013
University of North Texas, Denton, TX
Project: Infinite complex reflection groups
- B.S. Mathematics, 2010
University of Texas at San Antonio, San Antonio, TX
- B.A. Physics, 2010
University of Texas at San Antonio, San Antonio, TX

PUBLICATIONS

“Braid groups of infinite complex reflections,” *In preparation* (2017).

AWARDS AND SCHOLARSHIPS

- Award for Academic Excellence, University of North Texas, Mathematics Department, 2017.
- JMM Travel Support Grant Award, American Mathematical Society–Mathematics Association of America, January 2017.
- Graduate Tuition Scholarship, University of North Texas, Spring 2012–Spring 2016.
- Texas Public Education Grant, University of North Texas, Fall 2012–Spring 2014.
- James T. Rhea Scholarship, University of North Texas, Fall 2013–Spring 2014.
- USC Scholarship for Continuing Students, University of North Texas, Fall 2012–Spring 2013.
- Academic Achievement Scholarship, University of North Texas, Fall 2010–Spring 2012.
- Federal Pell Grant, Fall 2007–Spring 2010.
- Texas Public Educational Grant, Fall 2006–Spring 2010.
- UTSA Grant, University of Texas at San Antonio, Summer 2008.
- National Science and Mathematics Access to Retain Talent Grant, Spring 2008.
- Presidential Achievement Scholarship, University of Texas at Austin, Fall 2005–Spring 2006.

PRESENTATIONS

EXTERNAL SEMINARS

- Presentation of the braid groups of infinite complex reflection groups. Joint Mathematics Meetings: AMS Special Session Group Actions and Geometric Structures, II in Atlanta, GA, January 2017.
- A braid group presentation. Texas and Oklahoma Representation Theory and Automorphic Forms Conference (TORA), University of North Texas, April 2016.
- A general braid group conjecture. Texas and Oklahoma Representation Theory and Automorphic Forms Conference, University of Oklahoma, March 2014.

SEMINARS AT THE UNIVERSITY OF NORTH TEXAS

- Reflection Groups and Braid Groups, Part II. Algebra seminar, February 2016.
- Introduction to the Universal Enveloping Algebra, Student Algebra Seminar, March 2016.
- Reflection Groups and Braid Groups, Part I. Geometric Topology Seminar, November 2015.
- Dirichlet Fundamental Domains. Algebra Seminar, October 2014.
- Braid Groups and Semicomplexes. Algebra Seminar, April 2014.
- Introduction to the First Fundamental Group. Student Algebra Seminar, February 2014.
- A General Braid Group Conjecture. Student Algebra Symposium, November 2013.
- Infinite Complex Reflection Groups. M.S. Project Presentation, March 2013.
- Affine Reflection Groups. Algebra Seminar, October 2012.

TEACHING EXPERIENCE

Teaching Fellow/Graduate Student Assistant, University of North Texas, January 2011–Present

- Courses taught:
 1. College Algebra
 2. Business Mathematics
 3. Business Calculus
 4. Pre-calculus
 5. Calculus I
 6. Calculus II
- Recitation instructor for:
 1. Pre-Calculus
 2. Business Mathematics
 3. Survey of Mathematics
- Grader for: Numerical Analysis
- Tutor: Differential Equations
- Related Skills: Coordinated several classes supervising recitations instructors.

TECHNICAL SKILLS

- Software: LaTeX, GAP, Geogebra, Matlab, Microsoft Office, My Math Lab, Blackboard

PROFESSIONAL AFFILIATIONS

- American Mathematical Society