

Travis Scholl

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EMPLOYMENT

2013 – Graduate Student, University of Washington
2015 – 2015 Contract Web Designer, Virginia Tech
2013 – 2014 Contract Web Designer, San Diego
2012 – 2013 Math Librarian, University of Oregon
2007 – 2013 Private Tutor

EDUCATION

2013 – Ph.D. Mathematics, University of Washington, Seattle WA

2011 – 2013 B.S. Mathematics, University of Oregon, Eugene OR

2009 – 2011 Washington University in St. Louis, St. Louis MO

RESEARCH INTERESTS

Number theory, arithmetic geometry, and elliptic curve cryptography. My current project is studying isolated elliptic curves in cryptography with my advisor Neal Koblitz.

AWARDS AND GRANTS

2013 – 2012 Academic Excellence Award, from UW
2013 – 2015 ARCS Fellowship, from UW
2013 – 2018 Academic Merit Award, from UW
2012 – 2013 DeCou Scholarship, from UO
2011 – 2012 John Julifs Scholarship, from UO
2011 – 2012 General University Scholarship, from UO

CONFERENCES

2016 June. *SaTC Workshop on Privacy and Security*, Madison, WI
2016 Mar. *Arizona Winter School, Analytic Methods in Arithmetic Geometry*, Tuscon, AZ
2016 Jan. *Joint Mathematic Meetings*, Seattle, WA
2015 Oct. *WAGS*, Seattle, WA
2015 Aug. *Sage Days 68*, Bellingham, WA
2015 May. *Sage Days 64.25*, Encinitas, CA

2015 Mar. *Arizona Winter School, Rational points on surfaces*, Tuscon, AZ

TALKS

2016 Nov. *Special Primes in Cryptography*, University of Washington, 1,2,3 Seminar
 2015 Nov. *Elliptic Curve Cryptography*, University of Washington, 1,2,3 Seminar
 2015 Aug. *Neron Models*, University of Washington, Algebraic Geometry Club
 2015 June *Abelian Varieties*, University of Washington, Algebraic Geometry Club
 2014 Jul. *Supersingular Elliptic Curves*, University of Washington, Algebraic Geometry Club
 2014 Feb. *Modular Curves*, University of Washington, Algebraic Geometry Club

PROFESSIONAL PRESENTATIONS

2011 *Teaching Abstract Algebra* Larsen, S., Johnson, E., Scholl, T. (2011). Putting Research to Work: Web-Based Instructor Support Materials for an Inquiry Oriented Abstract Algebra Curriculum. Fourteenth Special Interest Group of the Mathematical Association of America on Research in Undergraduate Mathematics Education Conference on Research in Undergraduate Mathematics Education. Portland, OR.
 2009 *Math Education* Larsen, S., Caughman, J., Yannotta, M., Johnson, E., Rutherford, F., Scholl, T. (2009). Teaching Abstract Algebra for Understanding. A special session at The Mathematics Association of America MathFest Conference. Portland, OR.

TEACHING

2016 June Math 125: Calculus II
 2015 June Math 125: Calculus II
 2014 June Math 125: Calculus II

OUTREACH

2016 -2017 Mentor, WXML, University of Washington
 2016 Mentor, Google Summer of Code, University of Washington
 2016 Volunteer, Julia Robinson Math Festival, University of Washington
 2016 Sage Workshop Leader, Math Day, University of Washington
 2015 Volunteer, Julia Robinson Math Festival, University of Washington
 2015 Sage Workshop Leader, Math Day, University of Washington
 2014 Volunteer, Math Day, University of Washington

SOFTWARE

I have worked on software projects written in Sage, Python, and Go; as well as front end projects written using Typescript/Javascript, HTML, and SASS/CSS.