

# 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

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## 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

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## 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.

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## 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

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## 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

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 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 and websites with the following languages.

- HTML/Javascript/CSS
- Sage
- Golang