

# KIM KLINGER-LOGAN

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## EDUCATION

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### University of Minnesota

PhD in Mathematics

*expected: May 2019*

Emphasis: Spectral Theory of Automorphic Forms

Advisor: **Paul Garrett**

Non-degree Graduate Student in Philosophy

*2010-2012*

Emphases: Logic and Philosophy of Mathematics, Advisor: Roy Cook

### Eastern Washington University

MS in Mathematics

*June 2010*

Thesis: Graph Colorings and Chromatic Polynomials, Advisor: Dale Garraway

### Gonzaga University

BS in Mathematics, BA in Visual Art, *magna cum laude*

*May 2008*

## AWARDS

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- 2014 - 2015 Outstanding TA Award, Department of Mathematics, *University of Minnesota*  
2011 DRPP Summer Fellowship, *University of Minnesota*  
2004 - 08 Deans List Scholarship, *Gonzaga University*  
2004 - 06 MG James Ursano Scholarship

## RESEARCH

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### Papers in Preparation

*A spectral interpretation of zeros of certain functions*

*Spectral solution to a perturbed automorphic eigenvalue problem*

*Self-Adjoint Operators and Zeros of L-functions*

### Talks Given

*A spectral interpretation of zeros of certain functions*

[31<sup>st</sup> Automorphic Forms Workshop, *March 2017*]

*Self-Adjoint Operators and Zeros of L-functions*

[Southern New England Conference on Quadratic Forms and Modular Forms, *July 2016*]

[30<sup>th</sup> Automorphic Forms Workshop, *March 2016*]

*An Introduction to Modular Forms*

[Mathematical Sciences Research Institute Summer School, *July 2015*]

*Spectral Theory of Automorphic Forms and an Application*

[Student Number Theory Seminar, UMN *Spring 2015*]

*Open-Mindedness in Mathematical Proof* [Philosophy Department UMN, *Spring 2011*]

*The 4CT: Surveyability is Not the Issue* [Philosophy Department UMN, *Fall 2011*]

### Workshops/Summer Schools Attended

Re:boot Number Theory [Duke University, *June 2017*]

Gaps between Primes and Analytic Number Theory

[Mathematical Sciences Research Institute, *July 2015*]

Women in Analysis Workshop [Institute for Mathematics and its Applications, *May 2015*]

Summer School in Computational Number Theory 2015

[University of North Carolina Greensboro, *May 2015*]

Philosophy of Mathematical Practice Workshop, [University of Pittsburgh, Summer 2011]

### LEADERSHIP EXPERIENCE & SERVICE

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2016 - present *Graduate Student Coordinator* Women in Mathematics (WiM), *UMN Student Chapter*

2016 - 2017 *Vice President* American Math. Society, *UMN Student Chapter*

2015 - 2016 *Secretary* American Math. Society, *UMN Student Chapter*

2014 - present *Co-Organizer* Student Number Theory Seminar, *University of Minnesota*

2014 - 2016 *First Year Peer Mentor*, *University of Minnesota Mathematics Department*

### Societies

Society for Industrial and Applied Math. member [2014-present]

American Math. Society member [2013-present]

### TEACHING EXPERIENCE

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#### University of Minnesota

Fall 2010 - Present

*Lecturer*

*Minneapolis, MN*

Math 4281: Modern Algebra [Summer 2017]

Math 1272: Calculus II *Online* [Spring 2017, Fall 2017]

Math 1272: Calculus II [Spring 2017, Fall 2017]

Math 1142: Short Calculus [Summer 2015, Summer 2016]

*Online Course Instructor and Course Developer*

Math 1272: Calculus II [Spring 2017-present]

*Teaching Assistant*

Math 2283: Sequences, Series and Foundations [Fall 2015]

Math 2574H: Linear Algebra and Differential Equations Honors [Spring 2015]

Math 2573H: Vector Calculus Honors [Fall 2014, Fall 2016]

Math 1271: Calculus I [Fall 2013, Spring 2014, Spring 2016]

Phil 3001: History of Ancient Philosophy [Fall 2010]

Phil 1001: Symbolic Logic [Spring 2011]

Phil 5201: Symbolic Logic I [Fall 2011]

Phil 5211: Modal Logic [Spring 2012]

#### Metropolitan State University

Summer 2013 - Present

*Community Faculty Member*

*Minneapolis, MN*

Math 110: Math for Liberal Arts [Spring 2015]

Math 120: Precalculus [Summer 2013, Fall 2013, Summer 2014]

#### Hamline University

Fall 2012 - Spring 2013

*Adjunct Faculty Member*

*St Paul, MN*

Math 1271: Calculus I [Spring 2013]

Math 1130: Fundamental Concepts of Mathematics [Fall 2012]

**Eastern Washington University**

*Graduate Instructor*

Math 114: College Algebra [Fall 2009, Winter 2010, Spring 2010]

Math 104: College Algebra [Spring 2009, Winter 2009]

Math 103: College Algebra [Fall 2008]

Fall 2008 - Spring 2010  
Cheney, WA