

Tim Huber

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EDUCATION

Ph. D. in Mathematics

University of Illinois at Urbana-Champaign

Anticipated, May 2007

- Dissertation Title: *Zeros of Generalized Rogers-Ramanujan Series and Topics from Ramanujan's Theory of Elliptic Functions*
- Dissertation Committee: Professor Bruce Berndt (advisor)
Professor Scott Ahlgren
Professor Kevin Ford
Professor Adolph Hildebrand
Professor Alexander Zaharescu

Masters of Science in Mathematics

Northern Illinois University

2001

Bachelors of Science in Mathematics with high honors

Northern Illinois University

1999

EXPERIENCE

Graduate Teaching & Research Assistant

University of Illinois at Urbana-Champaign

*2001–Present
Urbana, Illinois*

Courses: Calculus for Social Scientists (Large Lecture)

Calculus for Life Sciences

Introductory Matrix Theory

Calculus I

Numeracy

Fundamentals of Mathematics: Advanced Composition

Responsibilities:

- Lecturer for courses with enrollments from 20-250 students.
- Independently designed syllabi, course materials, lectures, and exams.
- Supervised graduate and undergraduate Teaching Assistants.
- Taught computer-augmented courses and their conventional counterparts.
- Graduate coordinator for the computer-based Calculus and Mathematica curriculum.
- Worked with the associate chair to plan course schedules for successive semesters.

Research Assistant for Professor Bruce Berndt

Spring 2007

Instructor

Waubonsee Community College

Courses: College Algebra

Finite Mathematics

- Independently designed courses materials, lectures, and exams.
- Extremely positive feedback on student evaluation forms.

*Summer 2001
Sugar Grove, Illinois***Graduate Teaching Assistant**

Northern Illinois University

Courses: Fundamentals of Math

College Algebra

Trigonometry and Elementary Functions

Finite Mathematics

Calculus for Business and Social Science

*1999–2001
DeKalb, Illinois***AWARDS & HONORS**

List of Instructors Ranked as Excellent by Their Students, 2004, 2005.

Nominated for the mathematics graduate teaching award at UIUC, 2004, 2005

UNIVERSITY & PROFESSIONAL SERVICE

Co-organizer for a series of graduate student seminars at UIUC designed to give graduate students an opportunity to share their research with other graduate students and postdocs at UIUC, Fall 2006 - Spring 2007.

Co-Organizer for the Midwest Number Theory Conference for Graduate Students IV, UIUC, October 28-29, 2006.

Graduate Teaching Awards Committee member, UIUC, Spring 2005.

Active participant in the twice-weekly Number Theory Seminar at UIUC.

Reviewer, Oxford Quarterly Journal of Mathematics, Fall 2006 .

Orientation Mentor for incoming graduate students.

PUBLICATIONSB. Berndt, J. Hill, T. Huber, *Solving Ramanujan's Differential Relations for Eisenstein Series via a First Order Riccati Equation*. Under Review, 2006T. Huber, *Zeros of Generalized Rogers-Ramanujan Series and Topics from Ramanujan's Theory of Elliptic Functions*. Ph. D. Thesis, 2007

REFERENCES

Bruce Berndt (Advisor)

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