

KEITH COPENHAVER

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EDUCATION

University of Florida B.S. in Mathematics	Spring 2010
University of Florida M.S. in Mathematics	Spring 2016
University of Florida Ph.D in Mathematics	Spring 2019 (anticipated)

TEACHING EXPERIENCE

University of Florida <i>Teaching Assistant</i>	Fall 2015 - Present <i>Gainesville, FL</i>
· Precalculus TA	Fall 2014
· Calculus 1 TA	Spring 2015, Fall 2016
· Calculus 2 TA	Fall 2015, Spring 2016, Fall 2016, Fall 2018
<i>Instructor</i>	
· AIM College Algebra <i>AIM is a program at UF designed to give supplemental support to students who are deemed less likely to complete their degrees. Generally, these students are from low-income, minority families, and many are the first in their family to attend college.</i>	Summer 2015
· Calculus 2	Summer 2016
· Precalculus	Summer 2017
· Differential Equations	Summer 2018
· Calculus 2 (flipped classroom)	Spring 2019
<i>Lecturer</i>	
<i>Due to a large number of hirings in our department, graduate students no longer lectured after Spring 2018.</i>	
· Calculus 1	Spring 2017
· Calculus 2	Fall 2017, Spring 2018
Freedom High School <i>Teacher</i>	Fall 2012 - Spring 2014 <i>Orlando, FL</i>
· Geometry	2012-2013
· Algebra II	2012-2014
· Honors Precalculus	2013-2014

- Private individual tutor

LEADERSHIP POSITIONS

UF Graduate Math Association 2017
Vice President

- Scheduled speakers for the GMA Colloquium
- Implemented, organized, and ran study sessions for first year graduate students

UF Combinatorics Seminar 2017
Organizer

- Scheduled speakers for the seminar
- Booked rooms for the seminar

Calculus II Spring 2018
Exam Organizer

- Coordinated room assignments for hundreds of students
- Edited exams and wrote rubrics for free response grading
- Planned and ran the pre-exam meetings
- Chose extra proctors' room assignments
- Contacted all teaching assistants and extra proctors

PUBLICATIONS

Articles

- *k-Protected Vertices in Unlabeled Rooted Plane Trees*, Graphs and Combinatorics, March 2017, Volume 33, Issue 2, pp 347 – 355
- *Lengths of Paths in Rooted Trees*, submitted, <https://arxiv.org/pdf/1806.06925.pdf>

PRESENTATIONS

UF Combinatorics Seminar Fall 2009

- Presented a paper as an undergraduate

UF Combinatorics Seminar Spring 2016

- Master's Defense

Graduate Math Association Colloquium Fall 2016

48th Southeastern International Conference on Combinatorics, Graph Theory and Computing March 2017

- Invited talk during a special session on the Enumerative Combinatorics of Trees and Permutations

Graduate Math Association Colloquium Spring 2018

Joint Mathematics Meeting January 2019 (anticipated)

- Invited talk during a special session on Enumerative Combinatorics

SKILLS

- Proficient in Python, Mathematica, LaTeX, and R
- Familiarity with Spanish and Mandarin Chinese

AWARDS

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|---|-----------|
| · UF Graduate Assistant Teaching Award | 2017-2018 |
| - Awarded annually to 20 teaching assistants university-wide among a field of thousands | |
| · Neil White Award for Excellence in Teaching | 2017-2018 |
| - Awarded annually to two Graduate Student teachers in the Math department | |
| · UF Mathematics Graduate Service Award | 2017-2018 |
| · Chat Yin Ho Scholarship | 2016-2017 |
| · UF Mathematics Graduate Student Teaching Award | 2016-2017 |
| · Graduate Student Teaching Certificate of Excellence | 2015-2016 |
| · Grinter Fellowship | 2014-2015 |
| · National Merit Scholarship | 2006-2010 |