

# ELISE A. WEIR

[eliseweir@gmail.com](mailto:eliseweir@gmail.com)

[linkedin.com/in/eliseaweir/](https://www.linkedin.com/in/eliseaweir/)

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## EDUCATION

### Doctor of Philosophy

University of Tennessee, Knoxville, TN

Major: Mathematics

GPA 4.0

Graduation Date: August 2018

### Bachelor of Science

University of Tennessee, Knoxville, TN

Major: Honors Mathematics

GPA 3.96

## COMPUTER SKILLS

Python, C, C++, HTML, CSS

## EXPERIENCE

### Visiting Assistant Professor, July 2019 - June 2020

University of California Department of Mathematics, Santa Barbara, CA

- Served as the primary instructor for large (80 and 160) online calculus classes to promote numerical literacy.
- Taught small upper division classes focused on engaging students in logical thinking.
- Directed small teams of Teaching Assistants in holding recitation sections and grading to provide practice and feedback to students.

### Postdoctoral Teaching Associate, August 2018 - July 2019

University of Tennessee Department of Mathematics, Knoxville, TN

- Created challenge problems and other course materials for the honors calculus sequence as the primary instructor to foster student engagement.
- Served as the primary instructor for a geometry class geared toward future teachers to enhance their understanding of their subject area.

### Graduate Teaching Associate, August 2014 - August 2018

University of Tennessee Department of Mathematics, Knoxville, TN

- Taught as instructor of record for calculus and college algebra courses with the goal of enhancing numerical understanding in underrepresented student populations.
- Participated in and contributed teaching resources to teaching mentorship programs to help train future college instructors.
- Piloted new algebra program aimed at first-year student retention.

### Technical Services, June 2013 - December 2013

Epic Systems, Verona, WI

- Provided phone support and custom database code as part of the HIM/Identity team to enhance the product experience of doctors and nurses.
- Served as the primary contact for UC Davis, Health Ventures of Central Iowa, and Oakwood Healthcare to keep their healthcare software stable.

## HONORS

Selected as a participant in an AMS Mathematics Research Community, 2018

Yueh-er, Hong-hsu, and Clarence Cheng Kuo Fellowship for Academic Merit, 2018

University of Tennessee Mathematics Department Summer Research Fellowship, 2017

**ACTIVITIES**

Student teaching and academic mentor to a first year graduate student, 2016 - 2017

Volunteer for UT/Pro2Serve Math Contest, 2014 & 2015

Treasurer for UNC Chapel Hill Association for Women in Mathematics, 2009 - 2011

“Network the Event” Volunteer for Family Math Day at Morehead Planetarium, Fall 2009