

LACEY JOHNSON

EDUCATION

University of Florida, Gainesville, FL

PhD in Mathematics, May 2019

Advisor: Kevin Knudson

Dissertation Title: Discrete Morse Theory on Loop Spaces

University of Florida, Gainesville, FL

M.S. in Mathematics, May 2016

James Madison University, Harrisonburg, VA

B.S. in Mathematics, May 2014

B.S. in Communication Studies Concentration: Interpersonal Communication

MAC 1105: Basic College Algebra **Spring 2017**

- o **Managed responsibilities of teaching assistants.**
- o Led the online and hybrid sections.
- o Gained experience working with online programs, such as Canvas, MyMathLab, and ProctorU.

MAC 1105: Basic College Algebra **Fall 2016**

- o **Offered services to support first-year students in their academic transition** from high school to college as part of the AIM Program at UF.
- o **Smaller class size** helped to enhance math and communication skills.

MAC 2311: Analytic Geometry and Calculus I **Summer 2016**

Adjunct

MAC 2311: Analytic Geometry and Calculus I - Online **Summer 2019 (expected)**

Lecturer

MAC 1147: Precalculus, Algebra, and Trigonometry **Fall 2018**

- o **Lecturing a larger class size** of over 300 students.

Teaching Assistant

MAC 2312: Analytic Geometry and Calculus II Flipped Classroom **Spring 2019**

MAC 2312: Analytic Geometry and Calculus II Flipped Classroom **Spring 2018**

MAC 2311: Analytic Geometry and Calculus I **Fall 2016**

MAC 2311: Analytic Geometry and Calculus I **Spring 2016**

MAC 2311: Analytic Geometry and Calculus I **Fall 2015**

MAC 1105: Basic College Algebra **Spring 2015**

MAC 1147: Precalculus, Algebra, and Trig **Fall 2014**

RESEARCH EXPERIENCE, PRESENTATIONS, AND PAPERS

UF/FSU Topology and Geometry Meeting (expected)

February 2019

Speaking on Discrete Morse Theory on Loop Spaces

Johnson, L. and Knudson, K. (2018). *Min-*

Make Your Mark on Madison Participant, James Madison University

Fall 2011

Focused on learning and discussing values, diversity, communication, and general leadership skills necessary for positive involvement on campus.