

JOHN STREESE

Curriculum Vitae

2001 SW 16th Street Apt. 32608

C: 321-720-6277 | Email: jstreese@ufl.edu

Education

Ph.D. Mathematics, University of Florida Thesis Title: Rank and Crank Identities and Relationships to Quasi-Modular Forms Thesis advisor: Dr. Frank Garvan	<i>2019 - 2022</i>
M.S. Mathematics, University of Florida	<i>2017 - 2019</i>
B.A. Mathematics/B.S. Statistics, University of Florida Minors in Actuarial Sciences and Business Administration	<i>2011 - 2013</i>
A.A. General Studies, Eastern Florida College	<i>2010 - 2011</i>

Professional Experience

Calculus 1 Coordinator (University of Florida) Gainesville, Florida	<i>2023 - present</i>
Mathematics Lecturer (University of Florida) Gainesville, Florida	<i>2022 - present</i>
Mathematics Teaching Assistant (Northwestern College) Orange City, Iowa	<i>2022 – present</i>
Graduate Teaching Assistant (University of Florida) Gainesville, Florida	<i>2017 – 2022</i>
Promise Program Summer Instructor	<i>2018 – 2019</i>
Prometric Test Administrator (University of Florida) Gainesville, Florida	<i>2016 – 2018</i>
STEM Tutor (Sylvan Learning Center) Merritt Island, Gainesville, FL	<i>2014 – 2017</i>
Mathematics/Science Tutor III (Tutor.com)	<i>2013 – 2016</i>
Resident Tutor (Spyglass apartments) Gainesville, FL	<i>2015</i>
Club Z Tutoring Brevard County, FL	<i>2014 - 2015</i>

University Service

Summer Preview Advisor (University of Florida) Gainesville, Florida	<i>2023 - present</i>
STEPUP Calculus Coordinator (University of Florida) Gainesville, Florida	<i>2021 – present</i>
Mathematics Tutor (University Athletics Association) Gainesville, Florida	<i>2017 - 2019</i>

Scholarship interests

Number Theory, Partitions, Mathematics Education.

Teaching Experience

University of Florida

2017 – present

- Precalculus (MAC1147)
 - Precalculus Algebra (MAC1140)
 - Trigonometry (MAC1114)
 - Calculus 1 (MAC2311)
 - Calculus 2 (MAC2312)
 - Calculus 3 (MAC2313)
 - Math for Life Science Majors 2 (MGF1107)
 - Number Theory (MAS4203)
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Presentations

- (1) Joint Mathematics Meetings (JMM) (Invited) 2022
Rank and Crank partition congruences and quasi-modular forms – Special Session on Early career number theory research with combinatorics, modular forms, and basic hypergeometric series. Seattle, Washington.
 - (2) Graduate Mathematics Association (GMA) (Invited) 2021
A friendly introduction to partition theory, ranks, crank, and modular forms. Gainesville, Florida.
 - (3) Seminar in Topological Groups (Final Project) 2020
The Compactness Principle
Gainesville, Florida
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Other Activities and Awards

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| Tutor of the month award recipient. (Tutor.com) | 2015 |
| UF Objects in Motion Vice President | 2017 - 2018 |
| UF Graduate School Joe Alfred Teaching award | 2018 - 2019 |
| UF Graduate Mathematics Association Vice President | 2019 - 2020 |
| UF Symphony Orchestra member (Violinist) | 2022 - present |