JOHN STREESE

Curriculum Vitae

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Education

Ph.D. Mathematics, University of Florida   *2019 - 2022*
Thesis Title: Rank and Crank Identities and Relationships to Quasi-Modular Forms
Thesis advisor: Dr. Frank Garvan

M.S. Mathematics, University of Florida   *2017 - 2019*

B.A. Mathematics/B.S. Statistics, University of Florida   *2011 - 2013*
Minors in Actuarial Sciences and Business Administration

A.A. General Studies, Eastern Florida College   *2010 - 2011*

Professional Experience

Calculus 1 Coordinator (University of Florida) Gainesville, Florida   2023 - *present*

Mathematics Lecturer (University of Florida) Gainesville, Florida   2022 - *present*

Mathematics Teaching Assistant (Northwestern College) Orange City, Iowa   *2022 – 2023*

Graduate Teaching Assistant (University of Florida) Gainesville, Florida   *2017 – 2022*

Promise Program Summer Instructor   *2018 – 2019*

Prometric Test Administrator (University of Florida) Gainesville, Florida   *2016 – 2018*

STEM Tutor (Sylvan Learning Center) Merritt Island, Gainesville, FL   *2014 – 2017*

Mathematics/Science Tutor III (Tutor.com)   *2013 – 2016*

Resident Tutor (Spyglass apartments) Gainesville, FL   *2015*

Club Z Tutoring Brevard County, FL   *2014 - 2015*

University Service

Faculty Advisor for SwampCon   *2023 - present*

UF Math Teaching Methods Committee   *2023 - present*

UF Math TA Training Committee   *2023 - present*

Commencement Marshall   *2023 - present*

Preview Advisor (University of Florida) Gainesville, Florida *2023 - present*

STEPUP Calculus Coordinator (University of Florida) Gainesville, Florida *2021 – present*

Mathematics Tutor (University Athletics Association) Gainesville, Florida *2017 – 2019*

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)
- Quest 1 – Narrative of Numbers (IDS2935)
- Honors Uncommon Read (IDH2930)

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

Other Activities and Awards

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
STEPUP 29 Program Instructor Award	*2023*
Fellow in Assessment Collegeboard AP Calculus AB	2024