CONNER GRIFFIN

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EDUCATION

The University of Memphis *August 2019 - present*
Doctorate of Philosophy in Mathematics Advisor: Randall McCutcheon

The University of Memphis *August 2019 - December 2022*
Master of Science in Mathematical Sciences

Mississippi State University *August 2015 - May 2019*
Bachelor of Science in Mathematics *cum laude*

RESEARCH INTERESTS

I am interested in combinatorics, combinatorial number theory, and Ramsey theory. The work that I have done to date has primarily relied on techniques from ergodic theory or the Stone-Čech compactification of a semigroup.

PAPERS

Pre-prints

- **A characterization of piecewise $\mathcal{F}$-syndetic sets**.
  Submitted with preprint available at arxiv.org/abs/2311.09436

INVITED TALKS

- **Ergodic Theory Seminar**, The University of Memphis, November 2023

TEACHING EXPERIENCE

The University of Memphis August 2021- present
Instructor

- Calculus I: Fall 2021, Fall 2023, Spring 2024
- Math for Elementary School Teachers I: Fall 2022

The University of Memphis August 2021 - present
TA Coach

- I am the TA Coach for a research team focused on developing pedagogical training for new graduate teachers.

The University of Memphis August 2019 - present
Tutor

- I am a tutor in our departments tutoring center.

Thrive Scholars Summer 2023
Math Professor

- I was a math professor for Calculus 1 at the Thrive Scholars Summer Academy held at the University of Chicago.

ACADEMIC ACHIEVEMENTS

Van Vleet Doctoral Fellow at University of Memphis ($64,000 plus tuition waiver for four years)

Academic Excellence Award at Mississippi State University (full-ride scholarship)

SELECTED REFERENCES

Randall McCutcheon (Professor)
Department of Mathematical Sciences
University of Memphis
Memphis, TN 38152
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Máté Wierdl (Professor)
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