Audrick Moses Pyronneau

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Curriculum Vitae

Education

Ph.D. Mathematics,	The University of Texas at Austin	Graduate Advisor: Anthony Conway	2028
B.A. Mathematics,	The University of West Alabama	Honors Advisors: James Cook, Frank Rogers	2022

Research interests

Topology with a focus on topological 4-manifolds, classical and 2-knot concordance, and surgery theory.

Publications

Recognition

Graduate Research Fellowship, National Science Foundation.   2024-2028
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Dean's Strategic Fellowship, University of Texas at Austin.   2023
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Mathematics Scholars Award, Dept. Mathematics, University of West Alabama.   2022
Awarded to a student with the greatest research potential.

Talks

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- **Junior Topology Seminar, On the topology of Exotic 4-manifolds**, The University of Texas at Austin, November 2023

- **On Fox's Conjecture of Quasi-Alternating Knots**, Notre Dame Topology and Geometry RTG Workshop. August 2022

- **An Exploration of the Geometry of Hyperbolic Maps**, The University Research Symposium at West Alabama, October 2021

Conferences attended

Georgia Topology Summer School and Conference, University of Georgia	May 2024
Tech Topology Conference, Georgia Institute of Technology	June 2023
Texas Geometry and Topology Conference (TGTC), Rice University	February 2023
SEC Geometry and Topology Workshop, University of Alabama	November 5, 2023
Georgia Tech Topology Summer School, Georgia Institute of Technology	July 2019
Georgia Topology Conference, University of Georgia	June 2019
Nearly Carbon Neutral Geometric Topology Conference, AIM	February 2019
Georgia Topology Conference, University of Georgia	June 2018

Teaching NSF Fellow, Teaching duties to begin in 2025