

EDUCATION

- B.S. in Mathematics** (Honors) May 2023
University of Louisiana at Lafayette (ULL)
- B.A. in English, Literature** (Honors) May 2023
Minor: **Philosophy (36 hours)**
University of Louisiana at Lafayette (ULL)
- M.S. in Mathematics** **Expected 2025**
Oregon State University (OSU)

RESEARCH INTERESTS

- Group Theory, Representation Theory, Paraconsistent Logic, & anything new to me!

PUBLICATIONS & DRAFTS

- “Building homotheties through pinches,” (with Franziska Riepl, Dr. George Turcu, Dr. Leonel Robert Gonzalez, and Lucas Walls), *Linear and Multilinear Algebra*. 2021.
<https://doi.org/10.1080/03081087.2021.1993124>
- **Draft:** “Decreasing paths of polygons,” (with Scott Whitman, Isaac Kulp, Dr. George Turcu, Dr. Leonel Robert Gonzalez, and Dr. Charlotte Ochanine), draft in edit. 2023.

CONFERENCE PRESENTATIONS

- “Building Homotheties through Pinches,” (with Franziska Riepl and Lucas Walls), Poster Presentation for *MathForAll* Conference on Math Education and Research, Tulane University, Online Conference. Spring 2021.
- “On the Embedding Problem for Polygons, Polyhedra, & Beyond,” Poster Presentation for *MathForAll* Conference on Math Education and Research, Tulane University, Online Conference. Spring 2022.
- “Persistence at Eternity: Borges’s ‘The Immortal’ & the Philosophical Problem of Persistence,” Paper Presentation for ULL *Undergraduate Research Showcase*, University of Louisiana at Lafayette. Spring 2023.

INVITED TALKS

- “Mathematics at ULL,” (with Bailey Meche), Student Talk for *Science Day* at the University of Louisiana at Lafayette, Fall 2022.

SCHOLARSHIPS & AWARDS

1. *ΦBK Patricia Kennedy Rickels Outstanding Undergraduate Award*, Spring 2023
ULL Section of ΦBK
2. *Departmental Award for Excellence in Philosophy*, Dept. History, Spring 2023
Geography, and Philosophy, ULL
3. *Owen Reamer Award for Excellence in English*, Dept. English, ULL Spring 2023
4. *David R. Andrew Endowed Scholarship in Mathematics*, College of Fall 2022

- Sciences, ULL
5. *A.L. Barcelona Memorial Scholarship*, College of Liberal Arts, ULL Fall 2022
 6. *I. Bruce Turner Scholarship*, College of Liberal Arts, ULL Fall 2021
 7. *A.L. Barcelona Memorial Scholarship*, College of Liberal Arts, ULL Fall 2021
 8. *Gordon Rickels Scholarship*, Honors College, ULL Fall 2020
 9. *Gordon Rickels Scholarship*, Honors College, ULL Spring 2019
 10. TOPS Academic Scholar Fall 2018 - Spring 2022

RELEVANT WORK EXPERIENCE

1. **Graduate Teaching Assistant** Fall 2023 - Present
Department of Mathematics, Oregon State University.
 Leading multiple weekly recitation sections in differential calculus and holding frequent tutoring sessions.

2. **Lead Tutor (20 hrs/week)** Fall 2020 - Spring 2023
Student Support Services - Disability, University of Louisiana at Lafayette.
 Tutoring of students with registered disabilities, creating presentation-style study-guides, peer-mentoring, and advisement of program tutors. Specialized in math (algebra, trigonometry, calculus), english (writing), and logic.

3. **I. Bruce Turner Scholar Archiver** Fall 2021 - Spring 2022
Edith Garland Dupre Library Special Collections, University of Louisiana at Lafayette.
 Work (50 hrs. total) consisted of preparing a research collection for Special Collections at Edith Garland Dupre Library (ULL) using the notes and miscellany of environmentalist Jacob M. Valentine (organizing, refoldering, reboxing, preparing extensive archival notes).