

Cameron Nicole Raber

Curriculum Vitae

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📍 Tacoma, WA

EDUCATION

- Master of Arts in Mathematics** May 2021
University of Montana: Missoula, Montana
- Bachelor of Science in Mathematics & Bachelor of Arts in Economics (Summa Cum Laude)** May 2019
Pacific Lutheran University: Tacoma, Washington
- Study Abroad Program** Jan. 2018
Investigating Environmental and Economic Change in Europe

PROFESSIONAL EXPERIENCE

- Math Instructor** May 2021 to Present
Art of Problem Solving
Instruct synchronous-remote summer math lessons. Course experience includes third and fourth grade level mathematics and select lessons for high school level mathematics contest preparation.
- Teaching Assistant** Aug. 2019 to May 2021
University of Montana
Calculus: Lead asynchronous-remote course as instructor of record. Develop course website and create assessments to best meet student needs and instructional goals.
Probability and Linear Math: Lead general and corequisite recitation labs as teaching assistant. Administer and grade assessments, offer consistent office hours, and host exam reviews. Substitute as instructor for large lecture. Implement synchronous-remote courses. Collaborate with Disability Support Services.
Contemporary Math: Assist with course content development and with student learning.
- Academic Assistance Tutor** Sep. 2016 to May 2019
Pacific Lutheran University
Serve students via one-on-one tutoring, open labs, and exam review sessions. Work with students to develop test-taking strategies, time management skills, and study techniques.
Subjects: Algebra, Calculus I-III, Linear Algebra, Proof Techniques, Intro. Micro/Macro Economics, and Statistics.
- Mathletes Coach** Oct. 2016 to May 2019
Pacific Lutheran University
Institutional grant position to coach after-school math program at Keithley Middle School. Inspire interest in mathematics through interactive activities and games. Work with students to improve overall understanding of mathematical concepts.
- Course Grader** Feb. 2018 to May 2019
Pacific Lutheran University
Accurately and efficiently grade homework assignments for all sections of Calculus I.
- Note Taker** Sep. 2015 to Dec. 2015
Pacific Lutheran University
Prepare, organize, and upload microeconomic notes for the Disabilities Support Service to improve academic accessibility for a student.

PROJECTS

- Master's Project: Cohomology and Wallpaper Groups** May 2021
University of Montana, Advisor: Dr. Kelly McKinnie
- Complex Dynamics: Understanding the Mandelbrot and Julia Set** May 2019
Pacific Lutheran University
- Extending a Theoretical Framework for Superfund Site Remediation** Dec. 2018
Pacific Lutheran University

TECHNOLOGY

Educational

Moodle, MyOpenMath, WeBWorks, Knowmia, Desmos, Open Education Resources, L^AT_EX, Box, Zoom, Drawboard

Programming Experience

Python, R, Sage, Jupyter Notebook, Java, Microsoft Excel (Solver)

CONFERENCE PRESENTATION

UW Undergraduate Research Symposium

May 2019

University of Washington: Seattle, Washington

“Extending a Theoretical Framework for Superfund Site Remediation”

National Conference on Undergraduate Research

Apr. 2019

Kennesaw State University: Atlanta, Georgia

“Extending a Theoretical Framework for Superfund Site Remediation”

CONFERENCE ATTENDANCE

Graduate Research Opportunities for Women (GROW)

Oct. 2018

University of Michigan: Ann Arbor, Michigan

MAA Pacific Northwest Section Meeting

Apr. 2018

Seattle University: Seattle, Washington

HONORS

MT² Fellow: University of Montana

2019 to 2021

\$20,000- Scholarship program sponsored by the NSF-believes a STEM workforce that can successfully solve complex problems must include all segments of our population.

Graduate Student Distinguished Teaching Award: University of Montana

May 2021

Recognition for excellence in instruction.

Presidential Scholar: Pacific Lutheran University

2015 to 2019

\$24,000-Annual academic excellence scholarship.

International Tutor Certification Earned

2016

College Reading and Learning Association

MATHEMATICS COMMUNITY INVOLVEMENT

Student Faculty Evaluation Committee, Chairperson

Oct. 2020

University of Montana

Organize committee for submission of careful, concise, and accurate review of mathematics faculty performance.

Mathematics Alumni Panel, Speaker

Oct. 2020

Pacific Lutheran University

Connect with undergraduates and offer insight about experience as a mathematics graduate student.

1-1 Mathcounts Coach

Mar. 2020

Missoula, Montana

Work one on one with middle school student to develop problem-solving skills for competition.

Fall Preview Day Speaker

Nov. 2017

Pacific Lutheran University

Student representative for PLU Mathematics Department at Fall Preview Day.

PROFESSIONAL MEMBERSHIPS

Invitation to Join: Pi Mu Epsilon	2021
National Honorary Mathematics Society	
Omicron Delta Epsilon	2018-2019
International Honor Society in Economics	
Phi Kappa Phi Honor Society	2017-2019
Mortar Board	2017-2018
Chapter: Pacific Lutheran University	

OTHER EMPLOYMENT

RMC Repair	Jul. 2016 to Present
Port Angeles, Washington	
Billing and Clerical (Part-time): Remotely prepare invoices, assist in data entry, and organize paperwork. Collaborate on document preparation using Google Docs.	
Granny's Café	Jun. 2014 to Aug. 2018
Port Angeles, Washington	
Waitress (Seasonal Position): Connect with customers through thoughtful service to ensure a positive experience. Schedule motel reservations and perform check-ins for the accompanying business, Indian Valley Motel. Utilize a cash register, prepare food, and direct coworkers with accountability to keep Café operating efficiently.	