

Jennifer Garrison

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I am a hard-working Chemical Engineering student at the University of California Berkeley currently participating in research at Lawrence Berkeley National Laboratory. I have experience in both chemistry and engineering laboratories and wish to apply my knowledge and passion for learning to a research position at the Alt.Meat Lab.

Work Experience

Lawrence Berkeley National Laboratory Undergraduate Researcher June 2019 – Present

- I work with a PhD student to plan and conduct experiments on the catalysts used in electrochemical carbon dioxide reduction.
- I perform both collaborative and independent lab work, including analysis of data.
- Staff Scientist: Dr. Francesca Toma FMToma@lbl.gov

Sierra College Tutor January 2017 – June 2019

Math Center Tutor:

- I help students with basic arithmetic up to Differential Equations and Linear Algebra.
- Supervisor –Matt Harris (916) 660-7990

Physics Tutor

- I help students with trigonometry and calculus-based physics.
- Supervisor –Tyler Hickox (thickox@sierracollege.edu)

Learning Center Tutor/Scribe:

- I participated in the PASS Peer Program, tutoring algebra students by attending their class meetings and holding after class study sessions
- I helped with the summer math readiness program for incoming students.
- I took notes for a disabled student during a summer class.
- Supervisor – Melody Meier (530) 274-5308

Sierra Streams Intern Summer 2017

- I collected data (stream dimensions, vegetation growth, water temperature, etc.) at stream sites in Nevada County with the nonprofit organization Sierra Streams Institute.
- I organized the data into reports, doing calculations as necessary.

Education

Sierra College

Associates in Math, Physics, Chemistry and Natural Science

GPA: 4.0

- **Laboratory courses:** Biology, Botany, General and Organic Chemistry, Calculus based Physics
- **Materials Science Engineering:**
-I conducted tensile testing, hardness testing, spark testing, and chemical testing and worked with groups to produce 15+ page lab reports regarding the results.

University of California Berkeley

Junior Transfer Student in Chemical Engineering

- Currently learning MatLab