

Marie Slater

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EDUCATION:

Bachelor of Science in Biology, Emphasis in Anatomy and Physiology

Expected: May 2024

University of Utah, Salt Lake City, UT

GPA: 3.9/4.0

- Minors in Psychology and Chemistry

TECHNICAL SKILLS:

Instrumentation and Technology

- Leica microtome
- Leica microscope software
- MiniPCR machine
- Excel graphing/statistical analysis

Laboratory Procedures and Techniques

- Tissue mounting onto microscope slides
- Fundamental mouse handling techniques
- Agarose gel electrophoresis
- Producing streak plates

RELEVANT EXPERIENCE:

Undergraduate Research Assistant in the Osterhout Lab

October 2022-Present

Department of Neurobiology, University of Utah

- Assist in laboratory procedures: perfusions, behavioral studies, mounting tissue samples onto microscope slides.
- Research new lab equipment to be purchased and manage lab supplies levels.

Teaching Assistant for Biology 1625

January 2021-May 2022

School of Biological Sciences, University of Utah

- Collaborated with co-teaching assistant on formulating lesson plans on topics such as lab safety, antibiotic resistance, phylogenetic trees, and factors that affect stomatal density
- Demonstrated proper usage of lab equipment, such as miniPCR machines, Leica microscope software, and micropipettes, and of lab techniques, such as making streak plates and running agarose gel electrophoresis

AWARDS:

Undergraduate Research Opportunities Program (UROP) Award

August 2023

Office of Undergraduate Research, University of Utah

Continuing Student Departmental Scholarship

April 2022

School of Biological Sciences, University of Utah

College of Science Freshman Scholarship in Science and Mathematics

April 2020

College of Science, University of Utah

ADDITIONAL EXPERIENCE:

Medical Assistant

June 2023-Present

Gallagher Pediatrics, Park City, UT

- Obtain and chart patient vitals and measurements, such as blood pressure, temperature, pulse rate, oxygen saturation, weight, and height.
- Communicate with patients to obtain medical records and to provide after-visit documents.
- Evaluate appropriate appointments for patients and families with diverse scheduling needs.
- execute diagnostic tests.
- Assist in cleaning and restocking patient rooms and lab spaces.

Patient Care Technician

May 2022-July 2023

West Valley Dialysis Center, DaVita, Taylorsville, UT

- Support patients through active listening and assisting in chair/environment adjustments
- Assess and determine quality sites for cannulation of fistulas and grafts
- Disinfect and access central venous catheters
- Diligently monitor and record patient health statistics