

Joshua Wendall

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Education

The Pennsylvania State University, University Park, PA
Bachelor of Science in Biology
Neuroscience Option
Graduated May 2022

Relevant Coursework:

Molecular Biology	Neurobiology	Organic Chemistry
Technical Writing	Biostatistics	Science, Ethics, Policy, and Law
Developmental Biology	Biochemistry	Developmental Neurology

Work Experience

Laboratory Technician III | Pugh Lab at Cornell University | Dec 2022 – Present

- Performed Chromatin Immunoprecipitation assays (ChIP-exo) on a multitude of different materials with varying targets, with a large focus on mammalian tissue.
- Conducted a myriad of experiments to optimize protocols for different areas of the assay to increase efficacy and efficiency
- Presented findings to primary investigator, laboratory managers, and technicians in regular meetings
- Gained skills in a multitude of biological research methods such as cell culture, mouse organ harvests, and yeast plating and cultivation
- Carried out routine lab maintenance requirements

Biology Laboratory Teaching Assistant | The Pennsylvania State University | Jan 2022 – Apr 2022

- Led weekly lab classes for a group of 20 molecular biology students
- Mentored students on proper lab procedures as well as relevancy of experiments conducted
- Conducted prep work for the weekly experiments as well as accompanying lectures
- Advised course head of the quality of strategies employed in class

Ecology Learning Assistant | The Pennsylvania State University | Aug 2020 – Dec 2020,
Aug 2021 – Dec 2021

- Discussed concepts introduced in lecture with students requiring assistance
- Guided student discussion during group activities in lecture
- Devised study tools for students to use in self-guided study
- Organized and led review sessions for students prior to exams

Memorial Associate | Military Women's Memorial | Jun 2022 – Nov 2022

- Planned and organized events to be held at the memorial
- Assisted visitors in finding exhibits and database entries
- Led a project to send over 500 packages out to donators to the memorial

Sales Floor Associate | Sam's Club | Sept 2018 – Sept 2019

- Oversaw the replacing and organizing of store merchandise
- Collaborated with all sections of the store to ensure adequate function
- Served customers and assisted with any problems that arose

Skills

Laboratory Competency

- Familiarity with many biological assay methods
- Competent in laboratory safety protocols including in the handling of biohazardous waste and cryogenics

Microsoft Office

- Proficient in Word, Excel, and PowerPoint