

# Matthieu Wuth

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## EDUCATION Hobart and William Smith Colleges (HWS), Geneva, NY

August 2020-May 2024

Hobart College, B.S., Chemistry Major; Biology Minor

GPA: 3.82

Advisors: Erin Pelkey and Patricia Mowery

*Relevant Coursework:* Introductory and Intermediate General Chemistry, Organic Chemistry I & II, Biochemistry I & II, Inorganic Chemistry, Analytical Chemistry, Physical Chemistry, Cell Biology, Anatomy, Biostatistics, Microbiology, Biomedical Ethics, Psychology, Calculus I & II

## AWARDS AND HONORS

AHCA (American Hockey Coaches Association) All-American

Fall 2020-Spring 2024

Dr. Gordon L. Richardson '33 Award (Academic excellence and service on the pre-med track)

Spring 2023

## RESEARCH EXPERIENCE

Hobart and William Smith Colleges (HWS), *Summer Research Intern*, Geneva, NY

Summer 2022

- *Glutamate Dehydrogenase Dependence on pH, Binding, Enzyme Concentration, and Crowder Size*
- Enzyme Kinetics of Glutamate Dehydrogenase
- Exploring the effects of temperature, enzyme concentration, and macromolecular crowding
- Advisor: Professor Kristin Slade, Worked with: Genesis Rosario, Zyanya Rizzo, and Emily Binder
- Summer Research Symposium Presentation during parent's weekend

## RELEVANT WORK EXPERIENCE

Hobart and William Smith Colleges, *Chemistry Teaching Fellow*, Geneva, NY

Fall 2023-Spring 2024

- Provide outside of class help for introductory chemistry, intermediate chemistry, and advanced chemistry
- Collaborate with professors to determine what students need extra help with and help students with these concepts and other class and lab assignments

Space Science Institute, *Educational Intern*, Boulder, Colorado

Summer 2020, Summer 2023

- Preparing educational kits for libraries across the United States
- Experience with packaging, shipping, and Excel organization

Amazon Distribution Center, *Coronavirus Seasonal Worker*, Thornton, CO

Spring 2020-Summer 2020

- Packing products into appropriately sized boxes, gift wrapping, incorrect order allocation

## LAB AND RESEARCH SKILLS

- Enzyme Kinetic Assays (Kaliograph, excel data analysis), application of Microsoft Suite, Literary Research, MestReNova, ChemDraw, Protein Purification (Biochemistry Independent Study), Chromatography (Thin Layer, Column, Liquid, Gas-Mass Spectrometry), UV/Vis Spectrometry, NMR(<sup>1</sup>H, <sup>13</sup>C, COSY)

## LEADERSHIP EXPERIENCE

Captain Hobart Hockey, 2-Time Division III National Champions

Fall 2022-Spring 2024