

EDYTH MOLDOW

915 Niagara Street, Denver, CO 80220 / (720) 437-0714 / emoldow@middlebury.edu

Education

Middlebury College, Middlebury, VT

2019-2023

- Candidate for Bachelor of Arts: Biochemistry, Pre-Med; French. GPA: 3.85/4.00
- Coursework: Biochemistry of Metabolism, Physics: Optics, Waves, Fluids, and Thermodynamics, Chemistry: From the Atom to Organic Chemistry (taught in French), Infectiology: Microbiology, Immunology, and Virology (taught in French), Biochemistry of Macromolecules, Organic Chemistry I & II, Inorganic Chemistry I & II, Newtonian Physics, Cell Biology and Genetics, Calculus I & II, Statistics, Science and Society, Documentary Film in Contemporary China

Work Experience

Porter Medical Center, Middlebury, VT

Winter 2023

Emergency Medicine Physician's Assistant Intern

- Shadowed Katie Zoll PA in the Porter Express Care and in the Porter Emergency Department for a total of 52 hours
- Wrote a research paper compiling scientific sources regarding emergency medicine, the role of a physician assistant in a medical setting, anthropology of medicine, and science communication

Published Abstract

Fall 2022

Pediatric Gastroenterology and Nutrition

- EJ Hoffenberg, M Shull, M Stahl, E Moldow, S Nagle. Celiac disease and food banks in Colorado during the Covid-19 pandemic. Annual Meeting of the North American Society for Pediatric Gastroenterology and Hepatology, Orlando FL, October 14, 2022. J Pediatr Gastroenterol Nutr 75(S1):S251,#360

Middlebury College, Middlebury, VT

Fall 2019-Present

The Middlebury Campus

Staff columnist and writer for the Arts and Culture section

- Created and maintained a regular column on romance at Middlebury and covered arts and cultural events across campus

Middlebury College, Middlebury, VT

Fall 2022

Department of Chemistry and Biochemistry

Research intern for Bob Cluss, PhD

- The Cluss Lab studies the bacterial spirochete *Borrelia burgdorferi*, the causative agent of Lyme disease, which is the most common vector-borne disease in the United States
- Investigated whether acetylation protects against proteolytic activity in the context of *B. burgdorferi* and the enzymatic function of enolase, an enzyme involved in glucose metabolism (glycolysis) and protein degradation

Morgan Adams Foundation Pediatric Brain Tumor Research Program, CU Anschutz, Denver, CO

Summer 2022

Child Health Research Intern

- Nine-week program of conducting pediatric neuro-oncology laboratory research with Jean M Mulcahy Levy, MD
- Presented a summary of the research to the CU Anschutz pediatric oncology cohort
 - SCIENTIFIC ARTICLE: Does BH3 inhibition improve targeted therapy in BRAF-V600E tumors?
 - Studied BH3 mimetics (venetoclax) in combination with a BRAF-V600E inhibitor, vemurafenib, and a MEK inhibitor, trametinib, and their effect on apoptosis in pediatric low-grade gliomas

Children's Hospital of Colorado, Denver, CO

Summer 2021

Pediatric Gastroenterology Intern

- Experienced 100 hours of clinical shadowing pediatric GI inpatient, clinic, procedures, and consult
- Organized food pantry celiac awareness in areas of food insecurity all over Colorado
- Collaborated with the Colorado Center for Celiac Disease to raise money for children diagnosed with celiac disease to have access to care post-diagnosis

Leadership

Middlebury College, Middlebury, VT

Fall 2019-Present

President of Amnesty International

- Collaborated with nationally recognized Amnesty International advocates to shed light on human rights issues, such as refugee rights, immigration laws, and anti-gun violence, through the organization of community events and solidarity

President of Page One Literacy Project

- Collaborated with peers and the Addison County community to promote literacy in children through book drives, reading instruction, and volunteer efforts with local librarians

Additional Leadership Positions: Vice president of Chromatic Art House, teaching assistant in Chemistry and Biochemistry (2020, 2021), outreach coordinator of the Sunrise Movement (2019-2020).

Community Involvement: RIDDIM dance troupe, cocurricular ballet, Peach Pit poetry collective, and volunteer ballet instructor at the Residence at Otter Creek nursing home.

Additional skills: Bilingual (French & English), Microsoft Suite, BLS, GraphPad Prism, public speaking, advertising, PR.