

Molly Bates

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EDUCATION

Bates College, Lewiston, ME **Spring 2025**

Bachelor of Science, Major: Mathematics, Gender & Sexuality Studies

Relevant Coursework: Community Engaged Data Science, Mathematical Models in Biology, Mathematics for Social Justice, Transgender Narratives of Self, Race, Ethnicity, and Feminist Thought

GPA: 3.93 | *Dean's List:* Fall 2021 - Winter 2023 | Dana Scholar | STEM Scholar

SIT South Africa: Community Health and Social Policy, Durban, South Africa **Fall 2023**

Relevant Coursework: Approaches to Community Health, Social Determinants of Health, Research Methods and Ethics, Independent Project: A study investigating perceptions of the COVID-19 vaccine

DATA ANALYSIS & RESEARCH EXPERIENCE

The Palladium Group, Washington, DC **Summer 2024**

Data Science Intern

- Conducted correlational and qualitative analysis on intersection of climate change, gender, and water, sanitation, and hygiene (WASH) among women living in Ethiopia, Pakistan, and Papua New Guinea using RStudio and Excel
- Presented poster at International Conference on Sustainable Development (ICSD) and publish journal article in September 2023
- Network with 50+ professionals to gain exposure to the field of international development

ChicagoHealth, Chicago, IL **Summer 2023**

Data Analyst

- Analyzed survey data of 350+ respondents for tobacco use, vaccine hesitancy, and cancer screening reports utilizing RStudio
- Presented findings to organizations such as Her Safety Net, Maine CDC, and MaineHealth Center for Tobacco Independence

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Bates Fem STEM Friends Club, Lewiston, ME **January 2023 – Present**

President (2024-Present), Secretary (2022-24)

- Foster inclusive space for female-identifying students in STEM by engaging with literature and encouraging conversation

Bates Academic Resource Commons, Lewiston, ME **September 2022 – Present**

Peer Tutor

- Help students grasp the fundamentals of math and DCS classes, support various learning strategies to help others learn according to their needs
- Participate in group coordination with other tutors to improve teaching approaches.

SKILLS & INTERESTS

Language Skills: Mandarin (Intermediate), isiZulu (Preliminary)

Technical Skills: RStudio, Microsoft Office, Mathematica

Interests: LGBTQ+ and AAPI advocacy, healing justice pedagogy, traveling