

## Molly Bates

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### EDUCATION

**Bates College**, Lewiston, ME **Spring 2026**  
**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 2024**  
*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 2025**  
*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 2024**  
*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 2024 – 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 2023 – 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