

Undergraduate Health Leadership Initiative
Summer Internship Program

The Jackson Laboratory
Maine Cancer Genomics Initiative
361 Old Belgrade Rd
Augusta ME 04330



About the Organization

The Jackson Laboratory (JAX) is an independent, nonprofit biomedical research institution with more than 70 principal investigators and approximately 3000 employees. With a mammalian genetics institute as its headquarters campus in Bar Harbor, Maine, it has a genomic medicine institute in Farmington CT, and JAX Mice and Clinical Research Services facilities in Sacramento CA and Ellsworth ME. The Laboratory's mission is to discover precise genomic solutions for disease and empower the global biomedical community in the shared quest to improve human health.

With ever-increasing precision, the Laboratory identifies the genetic and molecular bases of disease and marshals its strengths in genomics and modeling to discover individualized treatments and cures. The Laboratory's work will make medicine more precise, predictable, and personal, improving care, lowering costs and increasing life span and health span.

Internship Title

MCGI Summer Intern

Mentor

Jens Rueter & Leah Graham

Work location

Remote – virtual

Working with the MCGI team headquartered at:

Maine Cancer Genomics Initiative

The Jackson Laboratory

361 Old Belgrade Rd

Augusta

Time Commitment

32 hrs/week

Internship Description

The Jackson is seeing an undergraduate summer intern to work with the Maine Cancer Genomics Initiative (MCGI), based at the MaineGeneral Medical Center in Augusta ME.

The internship will offer one undergraduate student the first-hand opportunity to help advance genomic medicine into mainstream use, specifically working with the MCGI team to increase the application of cancer tumor sequencing and clinicians' ability to understand and make the best use of sequencing data. MCGI interns will participate in multiple aspects of initiative including research, clinician continuing education program, communications and individual projects. This exposure will allow the student to gain insight into the importance in connections in the field and the value of continuous improvement as well as into the process

building and operational execution. Genomic Tumor Board access allows a student intern to get both a depth of exposure to the specifics of Precision Medicine and a chance to see the whole of the cancer patient journey.

Overall, MCGI interns will contribute to efforts in genomic medicine and the ways in which it can transform health related decisions. The knowledge acquired during the internships will ultimately contribute to broader adoption, better understanding of health care and access and better health outcomes.

Knowledge, Skills, Abilities and Qualifications

Required – strong Microsoft Office skills, including Excel, Word and PowerPoint; solid writing skills; ability to conduct internet research and excellent interpersonal skills. Self-starter who is willing to ask questions and suggest solutions. Innovative thinking with an interest in quality, process improvement and customer service. Ability to thrive in a changing environment and a willingness to dive into projects.

Rate of Pay

Stipend of \$5,760 divided into 2 payments

Housing Provided?

No

Other Logistical Issues to be Considered (i.e. travel to meetings or conferences)

Selected interns will be paid a stipend of \$5,760 (divided into 2 payments) for the 10-week summer program. Internship dates are Monday, June 6 through Friday, August 12, 2022. Housing is not available. This opportunity is offered as a remote virtual internship, however, should the need arise, the intern must handle their own transportation to the MCGI offices.

Additional Note about the Position

Staff and students, including interns, are subject to a COVID vaccination requirement to work at The Jackson Laboratory. The successful candidate will be required to submit proof of COVID vaccination, including booster, as applicable) prior to joining the team for the summer.