

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 nearly 2,300 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

Work location

MCGI
361 Old Belgrade Rd
Augusta

Time Commitment

40 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 undergraduate students' first-hand opportunities 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, administrative clinician 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 Boards 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. Participation in communications efforts affords the opportunity to learn about the structures that are part of the public relations effort.

Overall, MCGI interns will contribute to efforts that education and rising generation of health and science professionals 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 in to projects. The selected intern will also have the ability to work in practice settings and shadow clinical staff and providers.

Rate of Pay

Stipend of \$5,250 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 \$5,250 (divided into 2 payments) for the 10 week summer program. Internship dates are Monday, June 1 through Friday, August 7, 2020. Housing is not available. The intern must handle their own transportation needs in community to the MCGI offices

Additional Note about the Position