

American Heart Association Summer Internship in Biomedical Engineering



Join the Oregon Health & Science University (OHSU) Biomedical Engineering (BME) Department for a summer training opportunity. Located in Portland, OR, The Oregon Research and InnovatiON (ORION) Undergraduate Internship Program is an American Heart Association-funded initiative designed to train undergraduate research fellows in basic and translational research focused on the pathophysiology of cardiovascular disease. The overall **scientific goal** of the ORION Program is to discover new pathways that represent safe and effective druggable targets to reduce the burden of cardiovascular disease, including myocardial infarction and stroke. The overall **mentoring goal** of the ORION Program is to train undergraduates in four key elements: a) diversity, equity and inclusion in teams; b) experimental premise and design; c) data and quantitative analysis; d) oral and written presentation of results. The ORION Program is creating the future leaders of cardiovascular disease research. Positions are available in the cardiovascular research laboratories led by Drs. Monica Hinds, Owen McCarty, Sandra Rugonyi, Joe Aslan, Joseph Shatzel, and Karina Nakayama.

Program dates

The 2023 BME Summer Internship will begin in June/July and continue for 10 weeks. Start and end dates are flexible.

Eligibility

This internship is ideal for undergraduates with backgrounds in health sciences, math, physics, or engineering. Students must have completed their Sophomore year or are in their Junior and Senior years. Program will also accept recent graduates.

Program Features

Internships are open in 4 areas of research:

- Blood cell biology and drug development
- Biomaterials and medical devices
- Computational fluid dynamics and imaging
- Regenerative medicine

Program includes:

- Access to career development and scientific seminar series
- A \$6,000 stipend
- Limited housing support available based upon financial need

To Apply

Application deadline is February 24, 2023.

Send the following materials to BMEIntern@ohsu.edu:

- CV or resume
- Unofficial transcript
- Cover letter describing career goals and research interest
- One letter of recommendation sent separately

