

American Heart Association Summer Internship in Biomedical Engineering



The **Oregon Research and InnovatiON** Undergraduate Internship Program, hosted at Oregon Health & Science University in Portland, creates the future leaders of cardiovascular engineering research. OHSU's Department of Biomedical Engineering educates **ORION** fellows in basic and translational research focused on the pathophysiology of cardiovascular disease.

Funded by the American Heart Association, this summer research program for undergraduates aims to discover new pathways toward safe and effective treatments for cardiovascular disease, including heart attack and stroke.

As a mentoring program, the **ORION** internship offers training in:

- Experimental premise and design
- Data and quantitative analysis
- Oral and written presentation of results
- Diversity, equity and inclusion in teams

Positions are available in the cardiovascular research laboratories led by Drs. Joe Aslan, Monica Hinds, Owen McCarty, Karina Nakayama, Sandra Rugonyi and Joseph Shatzel.

Who is eligible to apply?

- Undergraduates (rising juniors and seniors)
- Recent graduates
- Students with backgrounds in health sciences, math, physics, or engineering

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 offers:

- Access to career development and scientific seminar series
- A \$6,000 stipend (for room and board expenses)

For more information, visit our webpage [here](https://www.ohsu.edu/school-of-medicine/biomedical-engineering/biomedical-engineering-summer-internships) (<https://www.ohsu.edu/school-of-medicine/biomedical-engineering/biomedical-engineering-summer-internships>)

Questions? Contact BMEintern@ohsu.edu

Program dates

10 weeks, flexible start date in June or July

How to apply

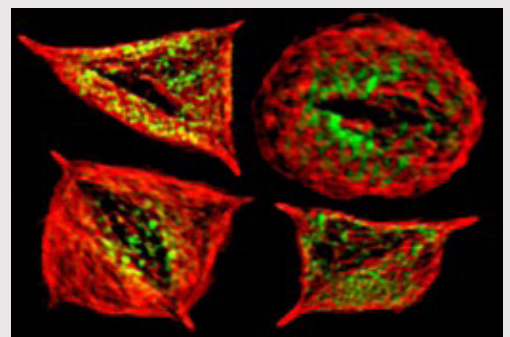
Deadline: Feb. 14, 2025

Apply [here](https://bit.ly/OHSUORION) (<https://bit.ly/OHSUORION>)

Please include:

- CV or resume
- Unofficial transcript
- Cover letter describing career goals and research interest
- One letter of recommendation (to be submitted separately by your reference)

ORION interns will be selected and notified in early March 2025.



American
Heart
Association.



OHSU