

How to apply

Apply online at www.ohsu.edu/croet/students by March 1, 2008. In addition to a completed 2008 Summer Student Research Award application, please fax or e-mail an unofficial transcript of your college courses (FAX: 503-494-4278 or linstrom@ohsu.edu).

Faculty and staff will review the applications to select candidates for awards. Candidates will be contacted to arrange an interview. Most award winners will be notified by May 1, 2008.

For more information, please contact:

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Center for Research on Occupational
and Environmental Toxicology

www.ohsu.edu/croet

OHSU includes the Schools of Dentistry, Medicine, Nursing, Science and Engineering; OHSU Hospital; Doernbecher Children's Hospital; dozens of primary care and specialty clinics; multiple research institutes; and several outreach and public service units.

OHSU is an equal opportunity, affirmative action institution.

Center for Research on Occupational and Environmental Toxicology
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CROET

Summer Student Research Awards

2008

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2007 Summer student poster presentation

Research Awards

The purpose of the Research Award Program is to introduce Oregon and Northwest college students to various fields of biomedical research. Awardees may participate in basic laboratory research or applied research activities. There is a weekly seminar for the on-campus awardees describing basic and field technologies used at CROET. The awards are sponsored by The Center for Research on Occupational and Environmental Toxicology (CROET).

Eligibility

Undergraduate students who are currently sophomores, juniors and seniors attending colleges and universities in Oregon, Washington and Idaho — or who are Oregon residents attending schools outside Oregon — are eligible to apply. Students may receive an award only one time.

Payment and award period

Research award recipients work for a two- to three-month period between May and September. Awardees receive an hourly wage for their work.

Location of work

The work is typically performed in CROET laboratories on the Oregon Health & Science University campus in Portland. Some work may involve field studies off campus (travel expenses paid). All work is carried out under the supervision of CROET faculty or senior staff.

Expectations

Students will enter the working world for the summer. They will have an established time schedule, complete jobs in agreed-upon time frames, and follow laboratory standards or guidelines. A poster will be prepared by each awardee describing a project they carried out during the summer, and the best two posters will receive an award. CROET safety training is required on the first day of the appointment.

About CROET

CROET conducts basic and applied research, and provides educational and outreach services throughout Oregon. The Center is focused on solving problems related to chemical and physical factors that impair the ability of people to work safely and effectively. CROET's basic research programs are directed at (1) the development, maintenance and repair of the neuromuscular system and control of key behaviors, such as deep sleep and wakefulness; (2) genetic control and expression changes in toxic and disease states; (3) health conditions that increasingly affect the workforce, such as asthma, obesity, diabetes, cancers (skin, breast, prostate), and neurodegenerative

disease; and (4) behaviors in transportation, pesticide applicators, and other workers at risk for injury. The research is conducted in collaboration with scientists, physicians, nurses and other health and safety professionals at OHSU, regionally, throughout the nation and across the globe.

CROET is a multidisciplinary group of basic and applied scientists with expertise in the following areas:

- Analytical chemistry
- Axonal transport
- Biochemistry
- Electrophysiology
- Cell lines
- Nerve growth
- Molecular biology
- Molecular modeling
- Tissue culture
- Epidemiology
- Occupational health
- Behavioral assessment
- Nutrition
- Pathology
- Neurobiology
- Toxicogenomics
- Synapse formation
- Psychology & Training
- Environmental remediation
- Imaging

Learn more about CROET and its research programs at www.ohsu.edu/croet.

2007 Summer students attended

Oregon State University
Portland State University
University of Portland
George Fox University
Concordia University
Gonzaga University