The Institute of Environmental Health (IEH) offers paid undergraduate internships with the Center for Coastal Margin Observation & Prediction (CMOP) and Division of Environmental and Biomolecular Systems.

IEH is advancing the understanding of contemporary ecosystems, anticipating their evolution under climate change and increasing human stresses, and exploring strategies to mitigate impacts of environmental change on public health.

**Internship Program**

IEH considers applications from undergraduate freshmen, sophomores, juniors, and seniors with backgrounds and majors in biology, chemistry, geoscience, computer science, engineering, environmental science, mathematics, physics, and others. Prior lab or field experience is not required.

Interns engage in leading-edge research to understand and predict biological, chemical, and physical processes of the river-to-ocean ecosystem, contributing data and analysis that provide guidance for sustainable ecosystem management. Interns work closely with senior scientists, post-doctoral fellows, and graduate students on interdisciplinary projects ranging from physical and biogeochemical oceanography, molecular biology, analytical chemistry, marine genomics, ocean engineering, and computer science.

Students participate in a range of activities including research cruises, field trips, and a variety of seminars on scientific themes, career opportunities, and scientific ethics.

IEH is located at Oregon Health & Science University’s Marquam Hill Campus in Portland, Oregon.

**Why be an intern?**

- Engage in hands-on, cutting-edge research.
- Work with world-renowned faculty.
- Find out what graduate school is really like.
- Make connections between the academic and working worlds.
- Increase your competitiveness as a candidate for graduate school.
- Participate in a program that is transforming science.
- Gain a competitive advantage for life, while being paid and having fun!

**Mayan Dada** spent her internship studying anaerobic gene regulation in Bacillus subtilis.

For more information:

[www.stccmop.org](http://www.stccmop.org)

Phone: 503 748-1609

Email: greenva@ohsu.edu
The internship gives you the opportunity to conduct research with scientists, post-doctoral-fellows, and graduate students. The following are some of the people you could be working with:

**Nirzwan Bandolin**  
Graduate Student  
Estuary Trubidity Maxima in the Columbia River estuary

**Lydie Herfort, Ph.D.**  
Postdoctoral Researcher  
*Myrionecta rubra*, the Red Water Bloom in the Columbia River estuary

**Suzanne Delorenzo-Kroll**  
Graduate Student  
Linking Microbial Biogeochemical Cycling of Carbon and Nitrogen in the Oxygen Minimum Zone of the Pacific Northwest Coastal Margin

**Jim Nurmi, Ph.D.**  
Staff Scientist  
Environmental Electrochemistry from Chemical Speciation to Environmental Sentinels

**Wendy Smythe**  
Graduate Student  
Incorporating Traditional Ecological Knowledge in Geoscience Education in Hydaburg, Alaska

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**Application**

Download application from the website at www.stccmop.org/education

A one-page statement of interest

Resume

Official copies of all undergraduate transcripts

One letter of recommendation

For your convenience, IEH accepts all documents as e-mail attachments except for the official transcripts.

Send materials to Vanessa Green at greenva@ohsu.edu

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**Want to Know More?**

www.stccmop.org  
E-mail: greenva@ohsu.edu  
phone: 503 748-1609

Center for Coastal Margin Observation & Prediction  
Oregon Health & Science University  
3181 S.W. Sam Jackson Park Rd.  
Portland, OR 97239

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**What past interns are saying**

“CMOP gave me the tools I needed to be a successful undergrad at USC -- the independent research experience impressed many professors, causing them to offer me exclusive research positions in their laboratories. In addition, the internship opened other doors, unrelated to research, such as my tutoring position with USC athletes, RA position (really competitive at my school), Teach for America, and the #1 DPT program in the country. I would not trade my experience at CMOP for any other!”

Alexandra Rios  
Summer Undergraduate Intern  
2008-2009