

Oceanscape Network encourages teens to take their technology outdoors

NEWPORT, Ore. – The Oregon Coast Aquarium launched the Oceanscape Network in January as a new online resource for teenagers and teachers to explore the coast’s natural wonders, whether from the confines of an inland classroom or one of Oregon’s windswept beaches.

The Oceanscape Network is designed to bring what the coast has to offer in natural science education to urban centers and inland communities.

“The aquarium’s mission is to connect people with aquatic and marine environments. The Oceanscape Network is the latest addition to the many free educational resources we offer to extend learning opportunities beyond the onsite experience,” said Carrie Lewis, aquarium president/CEO.

Behavioral studies indicate that young people continue to spend an increasing amount of time staring at electronic screens and less time outdoors. The Oceanscape Network leverages the technology teenagers already use to connect them with nature and the environment.

“We were delighted about the Oceanscape Network project for its creative integration of technology into the natural environment experience to support students and teachers in the classroom,” said Steve Moore, executive director for the M.J. Murdock Charitable Trust that provided a grant for the website’s development.

Ocean studies generally are not part of school curriculums or standardized testing, so the aquarium’s education staff developed the Oceanscape Network to

bridge this learning gap. The website’s free inquiry-based science modules will help Oregon high school students complete a pre-requisite for graduation while helping their teachers integrate environmental literacy into the classroom without starting from scratch. Teachers from across Oregon already are registered to use this new resource.

The website seamlessly transitions between its formal and informal education features. Outdoor recreation guides connect education to personal experiences on the ground to encourage science-based learning and conservation action beyond the classroom.

The Oceanscape Network also lets users submit photos and videos, share stories or sightings of wild animals and

connect not only to others their age through social media feeds, but also staff at the aquarium. This interaction between a credible source of marine science information and young adults encourages teenagers to act as citizen scientists in their daily lives.

Although designed specifically for pre-teens and teens, Internet users of all ages are encouraged to explore the Oceanscape Network at oceanscape.aquarium.org/.

The Oregon Coast Aquarium is open every day this winter from 10 a.m. to 5 p.m. For more information, visit aquarium.org or call 541-867-3474. Follow the aquarium on Facebook.com/OregonCoastAquarium or Twitter.com/OrCoastAquarium for the latest updates.

Important information and deadlines for the college-bound Tribal senior

February

- First semester grades and mid-year reports are sent to some colleges.
- Check your school counseling office or ASPIRE center for scholarship information.
- Complete scholarships.
- Check with colleges applied to for verification they have received all necessary documents. Continue to monitor status of submitted applications.
- Check to see if your mid-year transcripts have been sent to the schools to which you have applied.
- Wrap up any scholarship applications, essays and activities chart (for

OSAC). Early bird deadline is in February for OSAC (see article on next page).

March

- Check for three Tribal scholarships at ctsi.nsn.us.
- Complete scholarships.
- Start working on Tribal higher education or adult vocational training grant application. This can be found on the Tribe’s website and is due June 30.
- Review the Student Aid Report (SAR).
- You should start receiving admission responses.

April

- Send thank you notes to people who have helped you.
- Make final decision about which college or university you will attend.
- If you decide to decline enrollment to a college or university to which you have been accepted, send notice indicating this to the college’s admissions office.

May

- This is the deadline for final decisions for universities.
- Send letter of intent to registrar.
- Line up a summer job.
- Attend your Senior Awards Night.

- Review any award letters and be sure you understand the terms and conditions that accompany each type of aid.
- If necessary, arrange for housing and a meal plan (at school).
- Send thank you notes to any person/committee from which you received a scholarship.

June

- Tribal higher education and adult vocational training applications are due June 30!
- Attend graduation – congratulations!
- Make arrangements for your final grades to be sent to colleges and universities.
- Good luck!

The Power of Difference: Enhancing a Community of Inclusion
OHSU Center for Diversity & Inclusion

Summer Equity Research Program



Thinking about graduate school?
Interested in research, nursing, medicine, or dentistry?

Spend eight weeks in the summer working with faculty and graduate students at the OHSU Equity Summer Research, Dental, Nursing, and Medicine Internship Program. Learning opportunities include:

- Hands-on experience in a research or clinical setting
- Clinical shadowing and dental observation
- Weekly seminars and meetings with fellow students and faculty to discuss ongoing research
- A poster presentation of your research project
- Ongoing, personal mentoring about your individual career path

Connect with OHSU

Website: www.ohsu.edu/equity-research
Email: cdi@ohsu.edu
Phone: 503 494-5657
Facebook: facebook.com/OHSU_CDI
Twitter: twitter.com/OHSU_CDI



Emphasis on Mentorship

We strive to match scholars and mentors based on research and clinical interests. During the internship, interns work full-time with their mentors in an OHSU laboratory and/or clinical setting.

Who Should Apply

The paid internship program seeks diverse students from underserved, economically and socially disadvantaged communities.

Applicants must have completed at least one full year of college coursework. The most competitive applicants will have completed coursework in mathematics and basic sciences, (e.g. biology, chemistry, neuroscience, biopsychology).

Equity interns will be selected in April, and will receive a stipend for 40 hours of lab or clinical work per week during the program.

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OHSU Institute of Environmental Health Summer Undergraduate Research Experience

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, 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 West Campus in Beaverton, Oregon.



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

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!



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