DEPARTMENT AT A GLANCE

Founded in 1959, the Oregon State University Dept. of Nuclear Engineering and Radiation Health Physics is today ranked a top-10 program in the nation by U.S. News & World Report. Our more than 1,000 alumni live and work in 12 countries, driving the future of nuclear science through engineering, health physics, and medical physics. For full highlights, visit ne.oregonstate.edu/quick-facts.

DEGREES OFFERED

Nuclear Engineering - B.S., M.S., M. Eng., Ph.D.
Health Physics - B.S., M.S., M.H.P., Ph.D.
Medical Physics - M.S., Ph.D.

MAJOR FACILITIES AND RESEARCH

1.1 MW TRIGA Reactor - Our core LEU conversion design is a model for research reactor conversions worldwide.
Medical Isotope Production - A novel target for $^{99}$Mo production was designed and a $50$ M processing facility is under development.
Small Modular Reactor - Our SMR prototype launched NuScale Power and now supports NuScale’s $400$ M design-certification efforts.
Hydro-Mechanical Test Facility - A unique, world-class facility that qualifies nuclear fuel assemblies for in-core use.
High Temperature Test Facility - A 1/4 scale instrumented model of a prismatic core gas reactor designed for code validation.
Nuclear Forensics - Interdisciplinary research focused on obtaining, characterizing, and interpreting data resulting from intercepted nuclear or radioactive material with the goal of deterring the use of nuclear weapons.
Radiochemistry - Solving industrial, medical and environmental problems through radioanalytical and separation chemistry of actinides and fission products.
Radiation Instrumentation - Detectors used for nuclear nonproliferation, medical, and environmental purposes are in development, field testing, and production.

2014

BY THE NUMBERS

$10.9$ M IN NEW AWARDS
$3.3$ M IN RESEARCH EXPENDITURES
336 ENROLLED STUDENTS
110 graduate, 226 undergraduate
84 GRADUATES
42 B.S., 35 M.S., 7 Ph.D.
11 TENURE/TENURE-TRACK FACULTY
6 JOURNAL EDITORS
41 PEER-REVIEWED PUBLICATIONS

Visit ne.oregonstate.edu for the latest NERHP news, stories, and updates.