

March 23, 2015

President of the United States
The White House
1600 Pennsylvania Avenue NW
Washington, DC 20500

Dear Mr. President,

Engineering is about creating a better future. [The Oregon State Engineer™](#) is a unique class of engineers who possess a strong technical foundation coupled with well-developed leadership skills and a broad worldview. Oregon State engineers attain a breadth of knowledge in engineering fundamentals and a depth of technical expertise in a chosen discipline. They learn the value of and gain practice in clear communication and collaborative working processes. They become locally conscious, globally aware leaders who think critically and question assumptions. When they graduate, they join a community of high achievers whose collective efforts solve seemingly intractable problems, strengthen individuals and communities, and contribute to a better world.

As the 16th largest engineering program in undergraduate enrollment in the United States, we offer our students hands-on research experience as early as their freshman year in interdisciplinary areas such as materials science, personalized medicine, resilient infrastructure development, advanced manufacturing, and clean water and energy solutions. Our students work alongside dedicated faculty in world-class research facilities (e.g., the O.H. Hinsdale Wave Research Laboratory, home to the national tsunami wave center and one of the largest and most advanced laboratories for coastal research). Through partnerships with the OSU College of Business and Advantage Accelerator, our students gain coursework in entrepreneurship and get involved in new startups, taking new ideas from the lab bench to the marketplace.

We go beyond the traditional study abroad programs to expand our students' global and cross-cultural perspectives. For example, Oregon State's Global Formula Racing team, a cooperative venture with Duale Hochschule Baden-Württemberg – Ravensburg, is the most successful team in the world. Our Engineer Without Borders chapter helped provide the community of Lela, Kenya access to safe water. In response to growing demand by students to make a lasting, positive impact on the world, last year we launched one of the nation's first Humanitarian Engineering programs. This new discipline applies engineering solutions to issues that affect local and global populations, such as agriculture, public health, and climate change.

In short, Oregon State's College of Engineering's vision is to create a better future by graduating a new generation of engineers expressly equipped to address 21st century Grand Challenges.

Sincerely,



Scott A. Ashford
Kearney Professor and Dean



College of Engineering

Oregon State University, 101 Covell Hall, Corvallis, Oregon 97331-2409

T 541-737-3101 or 1-877-257-5182 | F 541-737-1805 | E info@enr.oregonstate.edu | <http://www.enr.oregonstate.edu>