



WEBER STATE UNIVERSITY
Engineering, Applied Science & Technology

March 23, 2015

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

Dear Mr. President,

Weber State University is a 26K student dual-mission (2 + 2) teaching university in Ogden, Utah recognized for undergraduate research, community engaged learning, and working closely with our non-degree technology colleges. My college has ~3000 majors in Computer Science, Engineering, Engineering Technology, Construction Management, Automotive, Interior Design, and Technical Sales. We plan to commit to the following for educating engineers for Grand Challenges:

1. Hands-on Project or Research Experience. We will require this of all students in classes, Sr. Projects, and Internships and increase the percentage related to grand challenges.
2. Interdisciplinary Curriculum. We will create a required general education class in Science, Technology, and Society with focus on grand challenges.
3. Entrepreneurship. We will create incentives to have students enroll in the Entrepreneurial Minor. Certain students will be required to have projects that will enter the market through our Center of Innovation.
4. Global Dimension. We will create incentives to either do travel abroad or international service learning projects. See #3 as well.
5. Service Learning. We will incentivize a percentage of senior projects and Center of Innovation projects will be Community Engaged Learning (CEL) projects.

Sincerely,

David L. Ferro, PhD

Dean, College of Engineering, Applied Science & Technology