INNOVATION FOR SOCIAL **IMPACT**

Winter 2021 course incorporating engineering, entrepreneurship, and ethnography to design for social good

This course will provide a fun and engaging opportunity for students interested in "making a difference" to identify their unique skills and passions and learn how to apply them to a specific problem in a community of their choosing. By stepping through the design process with a specific focus on user needs and impacts, innovation becomes both more tangible and more effective. With support from faculty in engineering, anthropology, and entrepreneurship, lectures and activities will lead students along the path to sustainable and effective inventions.

In this project-based course, students will:

- Apply tools from engineering and social science to design and assess technologies aimed at sustainably addressing specific social challenges
- Analyze user needs through co-design and social entrepreneurial approaches
- Formulate a pitch and business plan to implement their innovation

Counts toward humanitarian engineering minor core courses

No required prerequisites, all majors invited to enroll

Email Dr. Nordica MacCarty, nordica.maccarty@oregonstate.edu with questions.

Oregon State University