

RISE AT OBERLIN

RESEARCH. INTERNSHIPS. STUDY AWAY. EXPERIENTIAL LEARNING.

WAYS 3-2 ENGINEERING MAJORS RISE

RESEARCH:

- Design and test introductory lessons on 3D printing (Oberlin's Center for Technologically Enhanced Teaching)
- Monitor wastewater treatment by the Living Machine at Oberlin's Adam J. Lewis Center for Environmental Studies
- Design, implement, and maintain a system that monitors a building's energy usage (Environmental Studies Program)
- Mutagenesis study of the molecular motor of muscle (myosin) and the protein interactions that tune it

INTERNSHIPS:

Medtronic, Washington, DC • National Astronomy and Ionosphere Center, Arecibo Observatory, Puerto Rico • marketing and events intern, Council of Urban Professionals, New York City • Mathematics Research Experience for Undergraduates, Columbia University, New York City • software engineering intern, Google, California • environmental underwriting intern, AIG, Houston • environmental intern, L'Oréal, New York City • design intern, Panafold, San Francisco • capital markets summer analyst, Castle Oaks Securities, LP, New York City • marketing and events intern, Council of Urban Professionals • Living Machine student coordinator, Oberlin College • operator intern, Water Environment Protection Facility, Washington

STUDY AWAY:

- Tel Aviv University for Overseas Students, Tel Aviv, Israel
- Institute for Study Abroad, Butler University, University of Sydney, Australia
- Associated Colleges in China, Beijing
- Intensive engineering course at Washington University, January term
- Institute for Study Abroad, Butler University, King's College London
- Yale-NUS College in Singapore

EXPERIENTIAL LEARNING:

- Student design and construction of energy-efficient housing in Bali, Indonesia
- Working in a local bike mechanic shop, working in a local car mechanic shop

FIRST DESTINATIONS OF 3-2 ENGINEERING MAJORS:

- Between 1999 and 2019, 74 Oberlin students transitioned to engineering studies through the program: 8 to Caltech, 26 to Washington University, 34 to Columbia University, 1 to Case Western Reserve University, and 5 to non-partners (such as Illinois Institute of Technology, NYU Polytechnic School of Engineering, Rensselaer Polytechnic Institute, and University of Southern California)
- **Positions:** programmer/analyst at Haines & Company in Cleveland; software engineer at Google in California; project engineer at Emerson in St. Louis; project engineer at Natural Systems Utilities in New Jersey; infrastructure resilience and outreach coordinator in Boulder, Colo.; structural engineer at ARUP in San Francisco; research analyst at Industrial Economics in Cambridge, Mass.; mechanical engineer at Raytheon