

Knight Campus Graduate Internship Program at the University of Oregon

Jenny Smit

Cal Poly Physics Graduate
Optics Master's Program
University of Oregon

Thursday, January 16, 2024

11:10 am - 12:00 Noon

Building 53, Room 215

Pizza will be served!



Abstract: Knight Campus Graduate Internship Program at the University of Oregon is a master's program geared toward training students for success in the work force. There are five tracks: optics, semiconductors, polymers, bioinformatics, and molecular sensors & biotechnology. Students complete six months of courses and a nine-month long internship, designed to specialize their knowledge and prepare them for high-level careers in science and engineering fields. I'll discuss the program overall and my specific experience with the coursework, internship, and career. Alumni are employed at a wide range of companies, institutes and national labs.

Bio: Jenny Smit graduated from Cal Poly with a BS in physics in 2018. During her time at Cal Poly, she worked on research projects with Dr. Nathan Keim studying reversibility in fluid mechanics, and Dr. Stephanie Wissel on the ANITA neutrino detector. She attended University of Oregon and completed the Optics track of the Knight Campus Graduate Internship Program in 2019/2020. Her master's degree included an internship at Thermo Fisher scientific in Hillsboro, OR where she worked in operations engineering on focused ion beam manufacturing. In 2021, she began her current job as an applications engineer at KLA, working on metrology tools in the semiconductor manufacturing industry. She currently lives in Portland, OR with her partner and two cats. She enjoys reading, crocheting, and mushroom foraging.