



UNIVERSITY  
OF OREGON

# Colloquium

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University of Oregon - Master's Industrial Internship Program

## **Insights into High-Tech Industrial Research: *Preparing STEM Majors for the Opportunities of Tomorrow***

This colloquium will use examples of research being done in the optics, semiconductor and polymer industries conducted by students in the Master's Industrial Internship Program, at the University of Oregon, to highlight key skills used by STEM employees in these sectors. Examples of where these skills are applied will come from the development of a >62 kW fiber laser at Lockheed Martin, LIDAR tools from Ouster, semiconductor laser diodes from nLight, charged particle microscopes from Thermo Fisher Scientific, bandages for severe trauma by Luma Innovations Inc., pharmaceutical development at W.R. Grace and material science research at Los Alamos National Laboratory.

**Friday January 25, 2019**

**3:00 - 4:00 PM**

**McLane Hall 162**