MIT Lincoln Laboratory will be conducting on-campus interviews during the fall Industrial Associates workshop for summer internship positions. If interested, please send your resume to Kristin Clark (kclark@ll.mit.edu).

About Us

The Optical Engineering group at MIT Lincoln Laboratory is a specialized group of about 30 employees consisting primarily of Optical Engineers (BS, MS and PhD). We collaborate with Mission Divisions across the Laboratory taking cutting-edge concepts and applying all aspects of the optical engineering discipline to the development of prototype satellite, airborne, and terrestrial optical systems. Our employees work within the entire optical system development life-cycle:

- Space control
- Communication systems
- Intelligence, surveillance, and reconnaissance systems
- Electro-optical technologies
- Biotechnology
- Tactical systems
- Homeland protection
- Air and missile defense
- Earth Science and Astronomy

In addition to large-scale projects, the Optical Engineering group acquires funding and conducts basic research on ideas generated from engineers within our group.

MIT Lincoln Laboratory as a whole is a Federally Funded Research and Development Center (FFRDC) which conducts groundbreaking R&D to solve problems that are critical not only to national security, but to the advancement of science itself.

For agile thinkers excited by the freedom to develop and execute novel ideas and test them in sophisticated real-world environments, Lincoln Laboratory offers abundant opportunities and resources, as well as a collaborative work environment across many disciplines. Join some of the world’s best engineers by visiting: www.ll.mit.edu.
Opportunities

You will have the opportunity to contribute to innovative technology including, but not limited to:

- Satellite-based imaging systems
- Laser communications systems
- Airborne imaging and spectroscopic systems on both manned and unmanned aircraft.

Summer Internship (>8 weeks):

As a summer intern, you will work with staff members on one or two projects, gaining real experience in conceptual system design, ray tracing and tolerance analysis, specification and oversight of optical component fabrication, optical system alignment, and/or optical testing. The ideal candidate must:

- Have completed your Junior year or higher in Optical Engineering with a GPA > 3.3
- Be comfortable working with optical hardware and test equipment, and capable of creating and running optical models using Zemax or Code V.
- Have demonstrated experience working in multi-disciplinary teams, excellent communication skills, and the ability to produce and present professional written and oral reports.

*Due to the unique nature of our work, Lincoln Laboratory requires U.S. Citizenship for all employees*