



PHYSICAL SCIENCES INC.

Physical Sciences Inc., located north of Boston in Andover, MA is looking for well-qualified students interested in a summer 2024 full-time internship with our Propulsion and Energetics group. Students with availability to be on-site during the summer (transportation can be arranged) should apply. The Propulsion and Energetics group conducts research, development, and testing of solid and liquid rocket propulsion systems, energetic materials, high-pressure plumbing systems, and propulsion control systems. Interns will have the ability to gain real-world experience on important projects, working directly with members of our group to build, instrument, and operate high-pressure test stands, design hot-fired components, and model our systems. We are a small, tight-knit group of engineers and scientists, and we prefer to treat interns like a full member of the team by giving them real responsibilities.

Interested students should apply to the **Propulsion and Energetics Intern** position on the Physical Sciences Inc website (www.psicorp.com/careers/open-positions/propulsion-and-energetics-intern) or scan the QR code for more information about PSI and to apply. Applications will be accepted through the end of **Friday, Dec 22 (12/22/21)**.



Job Responsibilities:

- Component modeling and design
- Generating engineering drawings for machinist quotes
- Test stand design and construction for:
 - Solid/Liquid/Air-breathing propulsion systems
 - High pressure plumbing
- Propulsion and other system test stand operation (in teams with other engineers)
- Computer modeling of systems
- And more!

Preferred Skills:

- CAD proficiency (Solidworks preferred)
- Knowledge of engineering programming (MATLAB, Python, etc.)
- Aptitude with basic practical electronics (soldering, wiring, etc.)
- General hands-on engineering knowledge/experience

Other Requirements:

- Must be Sophomore or older
- GPA of 3.5 or greater
- Must have some prior hands-on experience (research, previous internships, related extra-curricular activities, etc.)