

2024 INTERNSHIP RESEARCH ASSISTANT ELINOR COATINGS, LLC



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About Us

Elinor Coatings creates solutions for corrosion, degradation, and fouling through research in surface protection. We value environmental sustainability and conservation and diversity in backgrounds, experiences, and personalities.

Overview

This role will join a team of researchers developing protective and anti-corrosion coatings for U.S. Department of Defense aerospace, maritime, and ground vehicle support.

Interns report to the internship field supervisor/senior scientist.

Primary Responsibilities

Assist in protective coating formulation, testing and corrosion evaluation:

- Formulate coatings following written procedures
- Learn and use ASTM testing standards to measure mechanical properties
- Operate a digital microscope to conduct coatings evaluation

Understand data management and research reporting:

- Follow standard operating procedures for data acquisition and data entry
- Learn proper lab book recording
- Become familiar with database handling and report generating

Learn and use basic safety, skills, and operating procedures in a laboratory setting:

- Maintain safe and clean workspaces consistent with environmental regulations and best practices
- Follow lab standard operating procedures
- Practice good chemical hygiene
- Follow proper cybersecurity protocols

Additional Responsibilities:

- Participate in meetings and reports when appropriate
- Assist with field testing if needed
- Learn basic principles of Lean Six Sigma
- Other duties as assigned

Qualifications

- College student (Junior, Senior, or Graduate) or recent graduate by the time you begin your internship
- Major in field of science or engineering
- Minimum two semesters of chemistry lab experience
- Knowledge of basic corrosion principles
- Oral and written communication skills to enable working with multi-disciplinary groups of individuals with diverse backgrounds

Classification and Compensation

Internship or Multi-Semester Co-op:

- 10-20 hours/weekly during school year | 30-40 hours/weekly during summer
- 401K Match up to 5% of contribution

Application Procedure

Apply on our website via the careers page:

- Cover letter explaining your interest and summarizing your experience and aptitude for the position
- Curriculum vitae/resume
- Unofficial transcript
- Three references (Names, contact information)