



INTERNSHIP & CAREER SERVICES

HOWARD R. HUGHES COLLEGE OF ENGINEERING

INTERNSHIP/JOB OPPORTUNITY

Posting ID:

Company: Engineering, Research and Consulting Inc

Company Website:

Job Title: Materials Research Engineer

Work Location: Edwards AFB, CA 93524

Position Type: Full-Time

Salary: N/A

College Major(s): Mechanical Engineering

College Level(s): Graduate Students and PhD

OVERVIEW

The goals of this effort are to advance the state-of-the-art of solid rocket motor technologies. The candidate will conduct in-house research efforts on solid rocket motor materials and components, especially solid rocket propellant. This includes determining appropriate procedures, interfacing with safety personnel, design of experiments, implementation of the test procedures, analysis of data, and presenting the work at meetings, conferences, and in journal papers.

Required Skills: While the candidate will have experience in the mechanical testing of materials, there are additional preferred skills: computer aided design, finite element analysis, experimental mechanics, viscoelasticity, fracture mechanics, computer programming, and design of experiments.

Other Requirements: Must be a U.S. Citizen and be able to pass a background check. Must be capable of obtaining a "Red Crew" certification and have a valid driver's license.

Apply at

<https://ercincorporated.hua.hrsmart.com/hr/ats/Posting/view/84>