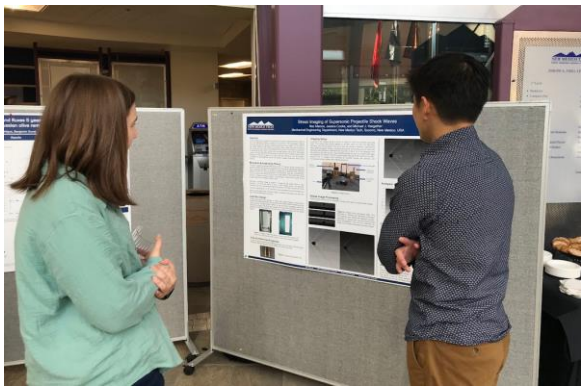
INTENSE

INTELLIGENT ENERGETIC SYSTEMS ENGINEERING

Research Experience For Undergraduates



The Intelligent Energetic Systems Engineering (INTENSE) REU at New Mexico Tech engages students in unique research related to:

• Robotics • Smart Materials • Control Systems
• Explosives • Shock Physics • Aerodynamics
• Propulsion • High-speed Fluid and Solid Mechanics

Student participants will conduct original research in NMT laboratories, working alongside faculty mentors and graduate student researchers.

Group "Toolbox Development Activities" will develop participants' engineering "toolbox" in:
• Research Methods • Experiment Planning Data Analysis • Technical Communication Entrepreneurial Engineering

Participants will tour national research facilities at:
• Sandia National Laboratories • Kirtland Air Force Base

Students with a background in all Science and Engineering fields who have completed at least 3 semesters of college courses are encouraged to apply. Students from underrepresented minority groups in STEM fields are also encouraged to apply.

9.5-week experience: **May 30 - Aug 1, 2025**
$5,700 stipend to each participant
On-campus housing in Socorro, NM, provided
Meal plan for on-campus dining hall included
Travel costs reimbursed up to $600
US citizenship or permanent residency required
Applications accepted: Nov 15, 2024 - Jan. 31, 2025

For more information or to apply, go to:
nmt.edu/INTENSE or email **mostafa.hassanalian@nmt.edu**

NEW MEXICO TECH
SCIENCE • ENGINEERING • RESEARCH UNIVERSITY

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