



Materials Under Extreme Conditions

Summer Undergraduate Research Experience (SURE)

Late May 2026- Early August 2026 (10 Weeks)

The Institute for Shock Physics (ISP) provides an opportunity for undergraduate students who want to participate in a 10-week, multidisciplinary Summer Undergraduate Research Experience (SURE) studying "Materials under Extreme Conditions".

Students undertake state-of-the-art research projects and attend seminars, including those presented by scientists from Department of Energy National Laboratories (Lawrence Livermore, Los Alamos, and Sandia).



Attend Seminars by Leading Experts

Program Goals

The SURE program goal is to provide undergraduate students in Physical Sciences and Engineering the opportunity to perform hands-on experiments in a world class research organization. Students have the opportunity to undertake experimental investigations of condensed matter phenomena at extreme conditions.

Summer School Topics & Opportunities

- Basic shock wave physics and wave propagation
- Impact experiment design and analysis
- Sample metrology and characterization
- General laboratory safety and conduct of operations
- Hands-on experimental work
- Attend external seminars given by leading experts



Access Unique World-Class Facilities



Perform Hands-On Experimental Work

Application Due: February 8, 2026



Interested in Applying?

For more information about eligibility, financial support, and more, visit: shock.wsu.edu/summer-undergraduate-research-sure/

Students from a range of disciplines including Physics, Chemistry, Material Science, Mechanical Engineering, and Geo/Planetary Science can benefit from this exciting curriculum.

