



Institute for Shock Physics SUMMER SCHOOL June 2 - 13, 2025

The Shock Physics Summer School at Washington State University was established to provide an opportunity for talented upper-level undergraduate students and graduate students to participate in a 2-week intensive course on the basics of shock physics and dynamic compression science.

Held in June 2025, with an opportunity to extend into full summer research, the course will introduce participants to shock physics fundamentals and high-pressure loading platforms and diagnostics. All students will participate in a pre-designed experimental series to conduct meaningful, real shock physics experiments using the world class research capabilities.

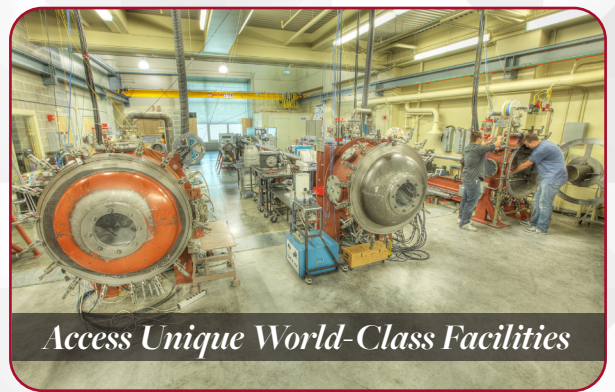
Summer School Topics & Opportunities

- Basic shock wave physics and wave propagation
- Impact experiment design and analysis
- Basic equation-of-state development
- Advanced experimental methods and diagnostics
- Sample metrology and characterization
- General laboratory safety & conduct of operations
- Hands-on experimental work
- Attend external seminars given by leading experts
- Networking with staff from national laboratories and industry

The Institute for Shock Physics (ISP) has a 65+ year legacy as an academic leader in dynamic, high-pressure science and strong record of training researchers to lead national missions.



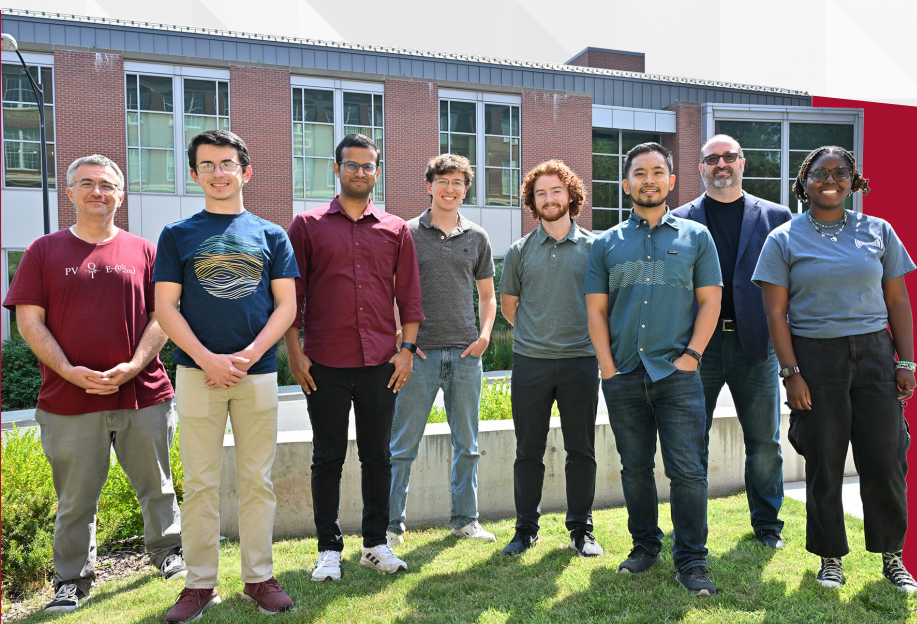
Perform Hands-On Experimental Work



Access Unique World-Class Facilities



Attend Seminars by Leading Experts



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

Interested in Applying?

For more information about eligibility, financial support, and more, visit:



shock.wsu.edu/shock-physics-summer-school

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