Graduate Studies at the Institute for Shock Physics

Washington State 🥳 University



Understanding Materials at Extreme Conditions

Graduate students from a range of disciplines (Physics, Chemistry, Materials Science, Mechanical Engineering, and Geo/Planetary Science) have a unique opportunity to study the response of materials at extreme conditions with the internationally renowned scientists at Washington State University (WSU).

Working within their respective academic departments, graduate students conduct their PhD research in the Institute for Shock Physics (ISP), which provides tremendous learning and research opportunities through:

- Participation in innovative and multidisciplinary research
- Professional growth through independent thinking and hands-on work
- State-of-the-art experimental and computational facilities, including the Dynamic Compression Sector located at the Advanced Photon Source (Argonne, IL)
- Partnerships with exceptional faculty at other academic institutions (Caltech, Princeton, and Stanford)
- Access to the National Laboratories at Lawrence Livermore, Los Alamos, and Sandia

One of ISP's principal accomplishments is well-educated and rigorously trained scientists who have moved on to successful professional careers and become leaders in the field.



Washington State University



The Institute for Shock Physics



The Dynamic Compression Sector

Graduate scholar awards and scholarships are available for outstanding students.