X-Ray Diffraction System to Enhance the Nuclear Materials Research and Education

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**Collaborators:** N/A

**Program:** General Scientific Infrastructure

**ABSTRACT:**

The overall objective is to enhance the Nuclear Materials Research and Education at the University of Nevada, Reno (UNR) by installing a X-ray Diffractometer (XRD) to complement the existing suite of surface analytical tools. This will enhance the nuclear materials education at both undergraduate and graduate levels and will likely benefit ~100-150 students/year. UNR requests ~$190,000 for the XRD system.