

**UC-NATIONAL LAB IN-RESIDENCE GRADUATE FELLOWSHIPS**

<b>2025 Fellows</b>	<b>UC Campus</b>	<b>National Lab</b>	<b>Project Title</b>
<b>Shu Li</b>	Irvine	Los Alamos	Enhancing Fire Behavior Modeling with Real-Time Fuel Moisture Analysis under Climate Change
<b>Seyed Tohid Rajaei Moosavy</b>	Irvine	Los Alamos	Synthesis and Visualization of Topological Spin Textures in Two-Dimensional Magnets
<b>Madison Morris</b>	Davis	Lawrence Livermore	Applying stable isotope tracing methods to assess mineral weathering by soil fungi
<b>Nicole O'Shea</b>	Davis	Lawrence Livermore	Uncertainty-Driven Rapid Thermodynamic Assessment of Nb-Ta-Zr System and Effects of C impurities
<b>Kristina Sanchez</b>	Davis	Lawrence Livermore	Regulation of viral encephalitis pathology by neuroimmune crosstalk
<b>Sameen Yunus</b>	Merced	Lawrence Livermore	Achieving fast ignition with electron heating for fusion energy applications
<b>Wanjuan Jane Zou</b>	Irvine	Lawrence Livermore	Harnessing the compositional space for designing resilient tungsten alloys for fusion applications