

FY24 CSES Chick Keller Postdoc Fellows

Nathan Maier

Group: EES-17

Mentor(s): Peter Roberts, Carly Donahue

Focus Area: Earth Systems

Project Title: Using Seismicity to Enhance Predictive and Monitoring Capabilities of Ice Masses in the Arctic

Evan Thaler

Group: EES-14

Mentor(s): Joel Rowland, Nathan Conroy, Jeffrey Heikoop

Focus Area: Earth Systems

Project Title: Quantifying the Influence of Permafrost Soil Erosion on the Global Carbon Cycle

Sung Jun Noh

Group: ISR-1

Mentor(s): Daniel Reisenfeld, Steven Morley, Misa Cowee, Fan Guo

Focus Area: Space

Project Title: An Empirical Global Model for EMIC Waves in the Earth's Magnetosphere

Sean Czarnecki

Group: ISR-6

Mentors: Gian Luca Delzanno

Focus Area: Planetary

Project Title: Developing Models for Neutron and Gamma-ray Lab Analysis of Returned Mars Samples

Debarti Das

Group: ISR-6

Mentor(s): Patrick Gasda, Nina Lanza, Sam Clegg

Focus Area: Planetary

Project Title: Using Thermochemistry to Understand the Behavior of Lithium and Boron in Water

Loic Viens

Group: EES-17

Mentor(s): Brent Delbridge, Joshua Carmichael, Carly Donahue

Focus Area: Geophysics

Project Title: Developing Distributed Acoustic Sensing Capabilities at LANL