

## **FY23 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

**Sungjun 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

**Justin Holmes**

**Group:** T-5

**Mentors:** Gian Luca Delzanno

**Focus Area:** Space

**Project Title:** Explaining the Origin of Highly-oblique Whistler Waves in the Inner Magnetosphere

**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