

UC MULTICAMPUS-NATIONAL LAB COLLABORATIVE RESEARCH AND TRAINING AWARDS 2020 Awards

TOPOLOGICAL MATERIALS FOR MAJORANA-BASED QUANTUM INFORMATION

- *Lead Principal Investigator:* Monica Allen, Ph.D., UC San Diego
- *Collaborating Sites:* Davis, Los Angeles, Santa Barbara, Los Alamos

TRANSFORMING PRESCRIBED FIRE PRACTICES FOR CALIFORNIA

- *Lead Principal Investigator:* Tirtha Banerjee, Ph.D., UC Irvine
- *Collaborating Sites:* Berkeley, Riverside, Los Alamos

ASSESSMENT AND MITIGATION OF WILDFIRE INDUCED AIR POLLUTION

- *Lead Principal Investigator:* Michele Barbato, Ph.D., UC Davis
- *Collaborating Sites:* Berkeley, Irvine, Los Angeles, Merced, Lawrence Livermore, Los Alamos

ENABLING SCALABLE QUANTUM COMPUTING

- *Lead Principal Investigator:* Boerge Hemmerling, Ph.D., UC Riverside
- *Collaborating Sites:* Berkeley, Los Angeles, Santa Barbara, Lawrence Livermore

MITIGATING AND MANAGING EXTREME WILDFIRE RISK IN CALIFORNIA

- *Lead Principal Investigator:* Charles Jones, Ph.D., UC Santa Barbara
- *Collaborating Sites:* Berkeley, San Diego, Lawrence Livermore, Lawrence Berkeley

ADVANCED DETECTORS FOR XFELS AND PROTON ACCELERATORS

- *Lead Principal Investigator:* Eric Prebys, Ph.D., UC Davis
- *Collaborating Sites:* Irvine, Santa Barbara, Santa Cruz, Los Alamos, Lawrence Berkeley