

Department of Energy Announces \$112.4 Million for Research to Support National Biopreparedness and Response

Announcement Number: LAB 23-2955 FY 2023 Biopreparedness Research Virtual Environment (BRaVE)

List Posted: 9/7/2023

Selection for award negotiations is not a commitment by DOE to issue an award or provide funding.

| Principal Investigator | Title | Institution | City | State | ZIP Code |
|------------------------|--|--|------------|-------|------------|
| Starkenburg, Shawn | Decoding Host-Pathogen Dynamics with 4D (Epi)Genomics | Los Alamos National Laboratory (LANL) | Los Alamos | NM | 87544 |
| Cheung, Margaret | Enhancing biopreparedness through a model system to understand the molecular mechanisms that lead to pathogenesis and disease transmission | Pacific Northwest National Laboratory (PNNL) | Richland | WA | 98109-1560 |
| Mutalik, Vivek | Phage Foundry: A High-Throughput Platform for Rapid Design and Development of Countermeasures to Combat Emerging Drug-Resistant Pathogens | Lawrence Berkeley National Laboratory (LBNL) | Berkeley | CA | 94720 |
| Liu, Qun | Unlocking the molecular basis of plant-pathogen interactions to create resilient bioenergy crops | Brookhaven National Laboratory (BNL) | Upton | NY | 11973-5000 |
| Hanson, Heidi | Data-Driven Population Health Surveillance at Scale for Biothreat Preparedness | Oak Ridge National Laboratory (ORNL) | Oak Ridge | TN | 37831 |
| Nugent, Peter | EMERGE: ExaEpi for elucidating Multiscale Ecosystem complexities for Robust, Generalized Epidemiology | Lawrence Berkeley National Laboratory (LBNL) | Berkeley | CA | 94720-8139 |
| Retterer, Scott | Structure-guided Design of Materials to Optimize the Abiotic-Biotic Material Interface | Oak Ridge National Laboratory (ORNL) | Oak Ridge | TN | 37831-6445 |
| Hura, Greg | A Plug and Play DOE Approach for Emerging Threats: Taskforce 5 | Lawrence Berkeley National Laboratory | Berkeley | CA | 94563-8099 |
| Cohen, Aina | Advancing Structural Biology Technologies for Biopreparedness: Integrating Laboratory, X-ray and in-silico Approaches | SLAC National Accelerator Laboratory | Menlo Park | CA | 94025-7015 |
| Myles, Dean | Accelerating Discovery Using DNP-enhanced Neutron Protein Crystallography | Oak Ridge National Laboratory (ORNL) | Oak Ridge | TN | 37831-6445 |