| Principal Investigator | Title | Institution | City | State | Zip Code |
|---|---|---|---|---|---|
| Fuchs, Matthias | High-efficiency, high-current laser-driven electron injector | The Board of Regents, University of Nebraska for the University of Nebraska-Lincoln | Lincoln | Nebraska | 68583-0861 |
| Bennett, Jake | CP violation searches and distributed computing development with the Belle II experiment at the University of Mississippi and Brookhaven National Lab | University of Mississippi | University | Mississippi | 38677-1848 |
| Aidhy, Dilpuneet | Understanding twinning and deformation in high entropy alloys | University of Wyoming | Laramie | Wyoming | 82071-2000 |
| Plumb, Kemp | Deciphering Low Energy Spin and Orbital Dynamics in Frustrated Quantum Magnets | Brown University | Providence | Rhode Island | 02912-2912 |
| Gardner, William | Investigating Subsurface Flow in Mountainous Catchments | University of Montana | Missoula | Montana | 59801-4352 |
| Miller, Anne-Frances | Gating electron transfer in biological energy storage and conversion | University of Kentucky Research Foundation | Lexington | Kentucky | 40526-0001 |
| Tian, Jifa | Exploring Nontrivial Topological Superconductivity in 2M WS2 for Topological Quantum Computation | University of Wyoming | Laramie | Wyoming | 82071-2000 |
| Cen, Cheng | Optically controlled quantum phase transitions at Van der Waals interfaces | West Virginia University | Morgantown | West Virginia | 26506-6845 |
| Lucht, Brett | Role of electrolyte in silicon electrolyte interface stabilization | University of Rhode Island | Kingston | Rhode Island | 02881-1967 |
| Rosenthal, Joel | Probing the Sustainable Reduction of CO2, N2 and NO3– to Fuels and Chemicals using Non-Traditional Porphyrinoid Catalysts | University Of Delaware | Newark | Delaware | 19716-0099 |
| Wang, Xiaoliang | Optimizing Aerodynamic Focusing Lenses for Nano- to Supermicron-Particles | Board of Regents, obo, Nevada System of Higher Education (NSHE) - Desert Research Institute | Reno | Nevada | 89512-1095 |
| Fleming, Robert | Fundamental Studies of Soiling and Cementation of PV Cover Glass Materials: Addressing Reliability with Advanced X-ray Scattering/Spectroscopy and First Principles Modeling | Arkansas State University | State University | Arkansas | 72467-2467 |
| Liu, Jifeng | High-Strength, High-Ductility, High Entropy Alloys with High-Efficiency Native Oxide Solar Absorbers for Concentrating Solar Power Systems | Trustees of Dartmouth College | Hanover | New Hampshire | 03755-1421 |

| Principal Investigator | Title | Institution | City | State | Zip Code |
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| Narayanan, Badri | Controlling reversible phase transitions in rare-earth nickelates for novel memory devices | University of Louisville Research Foundation, Inc. | Louisville | Kentucky | 40292-2042 |
| Wang, Hui | Novel Superionic Na Conductors for Solid-State Na batteries: Materials and Interface. | University of Louisville Research Foundation, Inc. | Louisville | Kentucky | 40292-2042 |
| Liu, Bin | Data-driven Approach for Controlled Icosahedral Boron-Rich Compound Growth | Kansas State University | Manhattan | Kansas | 66506-1103 |
| Romero, Aldo | Applications of Nickelate perovskites for neuromorphic computing from electronic structure and Machine Learning | West Virginia University | Morgantown | West Virginia | 26506-6845 |
| Capraz, Omer | Elucidating the Link Between Alkali Metal Ions and Reaction-Transport Mechanisms in Cathode Electrodes for Alkali-ion Batteries | Oklahoma State University | Stillwater | Oklahoma | 74078-1020 |
| Biedron, Sandra | Data-Science Enabled, Robust and Rapid MeV Ultrafast Electron Diffraction Instrument System to Characterize Materials Including for Quantum and Energy Applications | University of New Mexico | Albuquerque | New Mexico | 87131-0001 |
| Kolobov, Vladamir | Self Organization of Plasma-Material Interfaces | University of Alabama in Huntsville | Huntsville | Alabama | 35899-1191 |
| Kilina, Svetlana | Spin-Controllable Dynamics in Defect-Engineered Carbon Nanotubes as Single Photon Emitters: Data Driven Modeling and Computation | North Dakota State University | Fargo | North Dakota | 58108-6050 |
| Yu, Lipeng | Artificial-Intelligence Aided Design and Synthesis of Novel Layered 2D Multi-Principal Element Materials for Energy Storage | University of Maine | Orono | Maine | 04469-5717 |
| Greenlee, Lauren | In Pursuit of Unambiguous Determination of Fe(III) versus Fe(IV) in Transition Metal Oxide Electrocatalysts | University of Arkansas | Fayetteville | Arkansas | 72701-1201 |
| Villegas-Pico, Hugo | Orchestrating the Restoration of Wind-Dominant Grids from Blackouts | Iowa State University of Science and Technology | Ames | Iowa | 50011-2207 |
| Lee, Dongkyu | Orienting Strained Interfaces designed to Direct Energy Flow | University of South Carolina | Columbia | South Carolina | 29208-0001 |
| Wold, Josh | A comprehensive framework for validating simulation models of power system equipment using terminal measurements | Montana Tech of the University of Montana | Butte | Montana | 59701-8932 |
| Marino Valle, Alberto | Quantum Enhanced Fiber Sensing for Oil and Gas Applications | Board of Regents of the University of Oklahoma | Norman | Oklahoma | 73019-9705 |

| Principal Investigator | Title | Institution | City | State | Zip Code |
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| Pilla, Srikanth | Enabling Partnership between South Carolina and NREL for Advancing Opportunities in Plastics Recycling Research (EPSCOR for Plastics Recycling) | Clemson University | Clemson | South Carolina | 29634-5702 |
| Kirkland, Catherine | Investigating Material Properties of Subfurface Rock Formations Modified by Engineering Mineral Precipitation | Montana State University | Bozeman | Montana | 59717-2470 |
| Lapi, Suzanne | Production, Purification and Characterization of Radioisotopes via Neutron Spallation | The University of Alabama at Birmingham | Birmingham | Alabama | 35294-0001 |
| Rao, Prahalada | Understanding the Thermal Physics and Metallurgy of Metal Big Area Additive Manufacturing | The Board of Regents, University of Nebraska for the University of Nebraska-Lincoln | Lincoln | Nebraska | 68583-0861 |