

Department of Energy Announces \$320 Million for Research				
			List Posted:	3/27/2026
<i>Selection for award negotiations is not a commitment by DOE to issue an award or provide funding.</i>				
Project Title	Institution	City	State	Zip Code
2026 AI for Materials, Energy, and Chemical Sciences Gordon Research Conference	Gordon Research Conferences	East Greenwich	RI	02818-3465
2026 Catalysis Gordon Research Conference and Gordon Research Seminar	Gordon Research Conferences	East Greenwich	RI	02818-3465
2026 Electron Donor-Acceptor Interactions Gordon Research Conference and Gordon Research Seminar	Gordon Research Conferences	East Greenwich	RI	02818-3465
2026 Lignin Gordon Research Conference and Gordon Research Seminar	Gordon Research Conferences	East Greenwich	RI	02818-3465
2026 Metals in Biology GRC and Bioinorganic Chemistry GRS	Gordon Research Conferences	East Greenwich	RI	02818-3465
2026 Microbial Stress Response Gordon Research Conference	Gordon Research Conferences	East Greenwich	RI	02818-3465
2026 Molecular Interactions and Dynamics Gordon Research Conference	Gordon Research Conferences	East Greenwich	RI	02818-3465
2026 Salt and Water Stress in Plants Gordon Research Conference and Gordon Research Seminar	Gordon Research Conferences	East Greenwich	RI	02818-3465
2026 Systems Chemistry Gordon Research Conference	Gordon Research Conferences	East Greenwich	RI	02818-3465
Activity-Enhanced Self-Assembly of Colloidal-based Materials: A New Perspective	California Institute of Technology	Pasadena	CA	91125-0001
Activity-Enhanced Self-assembly of Colloidal-based Materials: A New Perspective	New York University	New York	NY	10012-2331
Activity-Enhanced Self-assembly of Colloidal-based Materials: A New Perspective	University of North Carolina at Chapel Hill	Chapel Hill	NC	27599-1350
Advancing Fundamental Synthetic and Structural Chemistry for the Design of High-Performance Metal-Organic Framework Materials	The Regents of the University of California, Riverside	Riverside	CA	92521-0217
An Extension of the Directional Sensitivity Project	The Regents of the University of Colorado d/b/a University	Aurora	CO	80045-2571
Atomic-Resolution Structural Dynamics with Femtosecond Time Acuity	Board of Regents of the UW System for UW-Milwaukee	Milwaukee	WI	53201-0340
Atomistically-informed modeling of fusion neutron induced materials degradation	The University of Tennessee	Knoxville	TN	37996-1529
Center for Hybrid Approaches in Solar Energy to Liquid Fuels (CHASE)	University of North Carolina at Chapel Hill	Chapel Hill	NC	27599-1350
Closing Physics and Technology Gaps in Spherical Tokamaks Towards a Compact Fusion Pilot Plant	General Atomics	San Diego	CA	92121-1122
COLD EXCITON GASES IN SEMICONDUCTOR HETEROSTRUCTURES	The Regents of the University of California - UCSD	La Jolla	CA	92093-0934
COMBINATION OF MACHINE-LEARNING AND ALL-ATOM MOLECULAR DYNAMICS SIMULATIONS FOR REVEALING NOVEL PROPERTIES OF POLYELECTROLYTE BRUSHES, BRUSH-SUPPORTED WATER AND IONS, AND LIQUID FLOWS IN BRUSH-GRAFTED	University of Maryland	College Park	MD	20742-5141
Commercial fusion power on a decadal timescale with the compact, high-field ARC power plant	Commonwealth Fusion Systems	Cambridge	MA	02139
Conference Support for Western Photosynthesis Conference 2026	Regents of the University of California, Davis	Davis	CA	95618-6153
Conference Support: 51st Midwest/Southeast Photosynthesis Conference 2025	Michigan State University	East Lansing	MI	48824-2600
Controlling Lattice Organization, Assembly Pathways and Defects in Self-Assembled DNA-Based Nanomaterials	The Trustees of Columbia University in the City of New York	New York	NY	10027-7922
Controlling the defects in MXenes: from synthesis to properties	Drexel University	Philadelphia	PA	19104-3735
Cross-Cutting Research On NSTX-U/MAST-U To Establish the Physics Understanding Necessary For The Next Step In Spherical Tokamak Fusion Energy Development	Regents of the University of California, Los Angeles	Los Angeles	CA	90095-1406
Development of a Fusion Pilot Plant Design Based on a Sheared-Flow-Stabilized Z Pinch	Zap Energy, Inc	Everett	WA	98203
Discovering Dopable, Next Generation Defect Tolerant Hybrid Semiconductors	Colorado State University	Fort Collins	CO	80523-2002
DREAM: Data-driven Reinvigorated Advanced Membrane Discovery Platform	University of Southern Mississippi	Hattiesburg	MS	39406-0001
Dynamic Properties of Nanostructured Porous Materials	Regents of the University of Michigan	Ann Arbor	MI	48109-1274
Effective Field Theories in Nuclear Physics	The George Washington University	Washington	DC	20052-0042
Efficient, Explainable and Extrapolative AI for condensed phase, molecular systems	University of Maryland	College Park	MD	20742-5141
Elucidating Flavor Content of Nucleons in Nuclei	University of South Carolina	Columbia	SC	29208-0001
Elucidating REE transport and deposition through molecular understanding of hydrous carbonate silicate liquids	Board of Trustees of the University of Illinois	Champaign	IL	61820-7406
Elucidation of Molecular Descriptors for High Entropy Alloys in Heterogeneous Catalysis	Yale University	New Haven	CT	06520-8327

Emergent Phenomena in Quantum Dynamics: From Chaos to Spacetime	President and Fellows of Harvard College	Cambridge	MA	02138-5369
Expanding the impact of the National Academy of Sciences' Corrections and Retractions Consensus Study	National Academy of Sciences	Washington	DC	20001-2736
Experimental Hadronic Nuclear Physics	Florida State University	Tallahassee	FL	32306-4166
Experimental Medium Energy Physics	Carnegie Mellon University	Pittsburgh	PA	15213-3890
Experimental Relativistic Heavy Ion Physics	William Marsh Rice University	Houston	TX	77005-1892
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Experimental Study on the Internal Structure of Helium	Kent State University	Kent	OH	44242-0001
Exploration of isotopic effects on liquid metal surface properties relevant to liquid plasma-facing components development for NSTX-U	The Pennsylvania State University	University Park	PA	16802-7000
Exploration of Radial Conjugation Pathways in PI-Electron Materials	The Johns Hopkins University	Baltimore	MD	21218-2686
Exploring actinide nanocrystal growth towards defining 5f surface chemistry	University of Wyoming	Laramie	WY	82071-2000
Exploring Moiré#233; Materials and Beyond	Rutgers, The State University of New Jersey	New Brunswick	NJ	08901-8559
Exploring the Fundamental Chemistry of Actinide Species Bearing Multiple Bonds and Redox Active Ligands	Purdue University	West Lafayette	IN	47906-1332
Exploring Topological Interfacial Superconductivity in Quantum Anomalous Hall/Iron Chalcogenide Heterostructures	The Pennsylvania State University	University Park	PA	16802-7000
Field-Tailoring Science and Technology for Novel Materials Synthesis	The Regents of the University of Colorado d/b/a University of Colorado	Boulder	CO	80303-1058
Forms and functions of the CP43 family proteins in cyanobacteria	Washington University	St Louis	MO	63130-4862
Fostering the Next Generation of Plant Biologists: Scientific Advancement and Professional Growth through In Vitro Plant Biology Research	Society for In Vitro Biology Incorporated	Millersville	MD	21108-1363
From Quarks to the Cosmos-Renewal	Florida State University	Tallahassee	FL	32306-4166
Functional and physical dissection of the redox enzyme-driven and polysaccharide-scaffolded assembly of lignin in plant cell walls	The Pennsylvania State University	University Park	PA	16802-7000
Fundamental Symmetries and Nucleon Interactions	University of South Carolina	Columbia	SC	29208-0001
Fundamental Understanding of Electrochemical-Mechanical Instability in Anode-Free Sodium Metal Interfaces	Purdue University	West Lafayette	IN	47906-1332
Fusion Energy Data Ecosystem and Repository (FEDER)	General Atomics	San Diego	CA	92121-1122
GRID-AIR: Secure and Trustworthy Artificial Intelligence for Smart Grid Applications	University of Maine	Orono	ME	04469-5717
Heavy Ion Nuclear Physics Research at the University of Illinois at Chicago	Board of Trustees of the University of Illinois	Chicago	IL	60612-7205
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Heterogeneity of Electrocatalysts in Working Environments	President and Fellows of Harvard College	Cambridge	MA	02138-5369
High-performance Scenario Development in NSTX-U via Physics-based Modeling and AI+Model-based Control	Lehigh University	Bethlehem	PA	18015-3093
High-pressure imaging of unconventional superconductivity and topological magnetism using Nitrogen-Vacancy centers	President and Fellows of Harvard College	Cambridge	MA	02138-5369
High-Tc with a twist: development of high temperature parity protected qubits	Purdue University	West Lafayette	IN	47906-1332
Hybrid interfaces between silicon and excitonic materials	Massachusetts Institute of Technology	Cambridge	MA	02139-4307
Improving Reproducibility in Homogeneous Catalysis	The University of Vermont and State Agricultural College	Burlington	VT	05405-0160
Innovative Calorimeter Calibration Techniques for Prompt Photon and Jet Measurements for QGP-Effects Onset Using (s)PHENIX and for Diffractive Measurements at EIC	Ohio University	Athens	OH	45701-2979
Integrated Stability Research for Disruption Prediction and Avoidance at High Beta in NSTX-U and MAST-U Spherical Tokamak Science and Real-Time Application	The Trustees of Columbia University in the City of New York	New York	NY	10027-7922
Intelligent Primitives for Scalable Graph Analytics and Learning	Texas A&M Engineering Experiment Station	College Station	TX	77842-3131
Interpretable Deep Learning for Advancing Field-Enhanced Catalysis	Worcester Polytechnic Institute	Worcester	MA	01609-2247
Interrogation of charge transport in electrolytes containing charge-transfer complexes	University of Notre Dame du Lac	Notre Dame	IN	46556-5612
Intertwined Electronic and Elastic Degrees of Freedom in Correlated Materials	Board of Trustees of the University of Illinois	Champaign	IL	61820-7406
Investigating Microbial Extracellular Electron Uptake from Redox Active Solid Substrates: Mechanisms for Gaining Electrons from Minerals, Electrodes, or Other Microbes	Michigan State University	East Lansing	MI	48824-2600
Isotropic Microstructure and Defect Tolerance in Additive Manufacturing by Leveraging Metastability in Alloy Design	Cornell University	Ithaca	NY	14850-2820
Joint Research on SPARC	Massachusetts Institute of Technology	Cambridge	MA	02139-4307
Large-x partons from Jefferson Lab to the LHC	Christopher Newport University	Newport News	VA	23606-2949
Liquid Sunlight Alliance (LiSA)	California Institute of Technology	Pasadena	CA	91125-0001

Long-Range Cooperativity among Rare-Earth Binding Sites in Organic Materials	University of Maryland	College Park	MD	20742-5141
LOW-ENERGY NUCLEAR REACTIONS USING TIME-DEPENDENT DENSITY FUNCTIONAL THEORY	Vanderbilt University	Nashville	TN	37235-7749
Materials and Interfacial Chemistry for Next Generation Electrical Energy Storage	The University of Texas at Austin	Austin	TX	78712-1591
Medium Energy Interactions with Nuclei and Polarized Targets	The Rector and Visitors of the University of Virginia	Charlottesville	VA	22904-4195
Medium Energy Physics Program at Duke University	Duke University	Durham	NC	27705-4010
Meson Spectroscopy from QCD	The College of William and Mary	Williamsburg	VA	23187-8795
Modular Intermetallic Chemistry: Interface Nucleus-Templated Architectures and Structure-Properties Relationships in Complex Solid State Materials	Board of Regents of the University of Wisconsin System	Madison	WI	53715-1218
Molecular Engineering of Topological Quantum Phases in Geometrically Frustrated Spin Lattices	The Regents of University of California	Berkeley	CA	94710-1749
Molecular origin of photoprotective qH	The Trustees of Indiana University	Bloomington	IN	47401-3654
Motional Stark Effect Diagnostic on NSTX-U: Operation and Exploitation for Physics Studies	NOVA Photonics, Inc.	Princeton	NJ	08540-4701
Multifunctional carbon-based clathrate materials with versatile physical properties	Carnegie Institution of Washington	Washington	DC	20005-1910
Natural and engineered complex quantum systems: from Quantum Chemistry to NISQ devices	University of Maryland Baltimore County	Baltimore	MD	21250-0001
Neutron Scattering Studies of Frustrated Quantum Materials	Duke University	Durham	NC	27705-4010
New Class of Two-Dimensional Organic Solid-State Materials Discovery: Synthesis, Charge Transport, and All-Conjugated Polymer Charge Transfer Complexes	University of Washington	Seattle	WA	98195-9472
NUCLEAR DYNAMICS AND ASTROPHYSICS IN FEW AND MANY-BODY SYSTEMS	Ohio University	Athens	OH	45701-2979
Nuclear Physics and Astrophysics Theory at UC Berkeley	The Regents of University of California	Berkeley	CA	94710-1749
Nuclear Physics Calculations from QCD	The George Washington University	Washington	DC	20052-0042
Nucleon and Nuclear Structure Studies	The College of William and Mary	Williamsburg	VA	23187-8795
On Being a Scientist: An Updated and Online Guide to the Responsible Conduct of Research	National Academy of Sciences	Washington	DC	20001-2736
Partial Core Support of Board on Physics and Astronomy	National Academy of Sciences	Washington	DC	20001-2736
Photosynthetic Energy Capture, Conversion and Storage: From Fundamental Mechanisms to Modular Engineering	Michigan State University	East Lansing	MI	48824-2600
Physics at the Cosmic Frontier: Direct Detection of Dark Matter with SuperCDMS	Regents of the University of Minnesota	Minneapolis	MN	55455-2070
Plasma Theory Connections to Quantum Information Science	The Regents of the University of Colorado d/b/a University	Boulder	CO	80303-1058
Positive Ion Source Physics and Technology For Neutral Beam Heating	North Carolina State University	Raleigh	NC	27695-7514
Pushing Performance Limits of Plasma Facing Materials for Next-Generation Nuclear Fusion Reactors	Purdue University	West Lafayette	IN	47906-1332
Q-FARM Workshop on Quantum Cellular Automata	Board of Trustees of the Leland Stanford Junior University	Redwood City	CA	94063-8445
Quantum Field Theory and Theoretical Particle Physics	President and Fellows of Harvard College	Cambridge	MA	02138-5369
Quantum-classical hybrid simulations for nuclear physics	University of Massachusetts Boston	Boston	MA	02125-3300
Quantum-Enhanced Data Analysis for High-Energy Physics: Leveraging NISQ Algorithms for Efficient Data Compression and Machine Learning Applications	President and Fellows of Harvard College	Cambridge	MA	02138-5369
Qubit-Based Readout for Rare Event Searches	Board of Regents of the University of Wisconsin System	Madison	WI	53715-1218
REBCO Coated Conductors for Magnets FUSION_RENEWAL_Larbalestier	Florida State University	Tallahassee	FL	32306-4166
Reconfigurable Molecular Spintronic Material through Interfacial Interaction	The Regents of the University of California - UCSD	La Jolla	CA	92093-0934
RESEARCH IN THEORETICAL NUCLEAR PHYSICS	Regents of the University of Minnesota	Minneapolis	MN	55455-2070
Research in Theoretical Nuclear Physics at Stony Brook University	Research Foundation for the State University of New York	Stony Brook	NY	11794-3362
SEA-CROGS: Scalable, Efficient and Accelerated Causal Reasoning Operators, Graphs and Spikes for Earth and Embedded Systems	University of Southern California	Los Angeles	CA	90089-4304
Search for a New Physics with the LEGEND double beta decay experiment	The University of Tennessee	Knoxville	TN	37996-1529
Searches for physics beyond the Standard Model at Belle II	University of Louisville Research Foundation, Inc.	Louisville	KY	40202-1959
Shining a Light on the Standard Model with Tau Neutrinos at DUNE	Northern Illinois University	DeKalb	IL	60115-2864
Simulation of High-Energy-Density Beams	The Regents of the University of California	Santa Cruz	CA	95064-1077
Spectrally Multiplexed Interconnects for Local-Area Entanglement (SMILE)	Purdue University	West Lafayette	IN	47906-1332
Spectroscopy and Dynamics of Reactive Intermediates in Hydrocarbon Oxidation	The Trustees of the University of Pennsylvania	Philadelphia	PA	19104-6205
Stellarator Fusion Pilot Plant Enabled by Array of Planar Shaping Coils	Thea Energy, Inc.	Princeton	NJ	08542

Strain Promoted and New iClick Strategies for Porous Organometallic Polymer (POMPs)	University of Florida	Gainesville	FL	32611-5500
Studies in Elementary Particle Physics	Virginia Polytechnic Institute and State University	Blacksburg	VA	26061-0001
Studies of Nuclear Astrophysics and Nuclear Structure Across the Nuclear Landscape	Air Force Institute of Technology	Wright Patterson AFB	OH	45433-7765
Studying Non-trivial Aspects of Nuclear Structure via Electromagnetic Probe	The Regents of New Mexico State University (NMSU, La	Las Cruces	NM	88003-8002
Supernovae and Black Hole Accretion Disks: Weak Interactions and Element Synthesis	North Carolina State University	Raleigh	NC	27695-7514
Support for U.S. Trainee and Early-Career Participation at the 43rd Biennial Meeting of the American Society for Photobiology (ASP 2026)	The University of Texas at Arlington	Arlington	TX	76019-0145
Supporting U.S.-based trainees and early career scientists at the 2026 SEED Conference	American Institute of Chemical Engineers	New York	NY	10005-0056
Synthesis, Reactivity, and Electronic Study of Supported and Unsupported Actinide-Arene Complexes	The University of Texas at El Paso	El Paso	TX	79968-0697
Target Injector Nexus for Development Research (TINDeR)	General Atomics	San Diego	CA	92121-1122
Task R - Theoretical Nuclear Physics	Massachusetts Institute of Technology	Cambridge	MA	02139-4307
Temperature sensitivity of soil respiration	North Carolina State University	Raleigh	NC	27695-7514
The Current Awakens: Tackling the Science and Technology Challenges of Non-Solenoidal Current Drive for Spherical and Advanced Tokamaks	Board of Regents of the University of Wisconsin System	Madison	WI	53715-1218
The emergence of topological catalysis - Symposium at the ACS Spring National Meeting	Regents of the University of California, Los Angeles	Los Angeles	CA	90095-1406
The High-Field Axisymmetric Mirror on a Faster Path to Fusion Energy	Realta Fusion Inc.	Madison	WI	53717
The Impact of Electric Fields on Charge and Interfacial Electron Transfer	University of North Carolina at Chapel Hill	Chapel Hill	NC	27599-1350
The Role of Local Structure and Dynamics on Transport in Fluorine-Free Functionalized Ionic Polymers	The Trustees of the University of Pennsylvania	Philadelphia	PA	19104-6205
The study of strong force scales through color transparency in hadrons	Florida International University	Miami	FL	33199-0001
Theoretical Studies in Hadronic Physics	University of Maryland	College Park	MD	20742-5141
Theoretical Studies of High Energy Electronuclear Processes	Florida International University	Miami	FL	33199-0001
THEORETICAL STUDIES OF STRONGLY INTERACTING MATTER	Board of Trustees of the University of Illinois	Chicago	IL	60612-7205
Thermal-Fluids and Thermal-Structural Studies of High Heat Flux Helium-Cooled Divertors	Michigan State University	East Lansing	MI	48824-2600
Thermography and Spectroscopic Diagnostics Evaluation of NSTX-U Spherical Torus Plasma	The University of Tennessee	Knoxville	TN	37996-1529
Tokamak Research at Carnegie Mellon University	Carnegie Mellon University	Pittsburgh	PA	15213-3890
Tokamak Research at Columbia University	The Trustees of Columbia University in the City of New	New York	NY	10027-7922
Tokamak Research at Princeton University	The Trustees of Princeton University	Princeton	NJ	08544-2020
Tokamak Research at the University of California, Los Angeles	Regents of the University of California, Los Angeles	Los Angeles	CA	90095-1406
Tokamak Research at the University of Tennessee Knoxville	The University of Tennessee	Knoxville	TN	37996-1529
Tokamak Research at the University of Wisconsin Madison	Board of Regents of the University of Wisconsin System	Madison	WI	53715-1218
Tokamak Research at University of California Irvine	Regents of the University of California, Irvine	Irvine	CA	92697-7600
Tokamak Research at University of California San Diego	The Regents of the University of California - UCSD	La Jolla	CA	92093-0934
Tokamak Research at University of Illinois Urbana-Champaign	Board of Trustees of the University of Illinois	Champaign	IL	61820-7406
Tokamak Research Toward Solving the Disruption Mitigation Runaway Electron Gap	Fiat Lux LLC	Lafayette	CO	80026-1820
Topics in Theoretical Physics	The College of William and Mary	Williamsburg	VA	23187-8795
TOPOLOGICAL PROTECTION ON QUANTUM INFORMATION THROUGH DYNAMICAL CODES	NASA	Moffett Field	CA	94035-1000
Towards High-Throughput Computation of Phase-and Defect Diagrams	Northwestern University	Chicago	IL	60611-4579
Tracking multi-electron dynamics in molecules at the attosecond timescale	Auburn University	Auburn	AL	36832-5888
Turbulence, instability, and fast ion research to advance the physics basis and performance of spherical tokamak reactors	Board of Regents of the University of Wisconsin System	Madison	WI	53715-1218
UCLA Relativistic Heavy Ion Physics Program	Regents of the University of California, Los Angeles	Los Angeles	CA	90095-1406
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UCLA Relativistic Heavy Ion Physics Program	Regents of the University of California, Los Angeles	Los Angeles	CA	90095-1406
Uncovering Dynamical Phases of Out-of-Equilibrium Quantum Matter with Neutron Scattering	Brown University	Providence	RI	02912-2912
Understand/Control the Electron-Scale Transport and Density Feedback Control: Enhancing Confinement and Controllability on NSTX-U	Regents of the University of California, Davis	Davis	CA	95618-6153
Understanding Collective Strong Coupling at the Single-Molecule Limits	The Regents of the University of California - UCSD	La Jolla	CA	92093-0934
Understanding Enhanced Isotope Sieving Through Defects in 2D Membranes	University of Florida	Gainesville	FL	32611-5500

Understanding the Effect of Interfacial Ions on the Atomistic Structure and Chemical Reactivity at Solid/Liquid Interfaces	The University of Alabama	Tuscaloosa	AL	35487-0104
Understanding the Interfaces for High-Energy Batteries Using Anions as Charge Carriers	Oregon State University	Corvallis	OR	97331-2140
Uranium-Containing and Thorium-Containing Anions Studied by Photoelectron Spectroscopy	The Johns Hopkins University	Baltimore	MD	21218-2686
Using Spectroscopic Sensors to Probe Phonon and Qubit Dynamics	National Institute of Standards and Technology	Boulder	CO	80305-3337
What are the relative contributions from seismic and aseismic processes to induced geothermal reservoir deformation?	University of Memphis	Memphis	TN	38152-3370
Workshop on Quantum Machine Learning for Complex Science and Engineering Problems	North Carolina State University	Raleigh	NC	27695-7514
5 MW, 40 kW, S-Band High Efficiency Klystron	Accelerad Technologies, Inc., Hayward, CA	Hayward	CA	94544
A Framework-Based Approach to Utility Risk Management	Power Info LLC, Bellevue, WA	Bellevue	WA	98027
Advanced Multiscale Porous Heat Exchanger with Microchannel Array Design	Spectral Energies, LLC, Beavercreek, OH	Beavercreek	OH	45430-1062
Advanced Silicon Carbide Composite Materials for Nuclear Fuel Cladding	Materials Modification Inc, Fairfax, VA	Fairfax	VA	22031-4409
Advancing PFAS Treatment in AFFF-Impacted Groundwater: Enhanced Membrane Separation and Efficient Destruction of PFAS Reject	Claros Technologies Inc, Minneapolis, MN	Minneapolis	MN	55413
Augmented Decision Support Visualizations for Advanced Grid Analytics	Pacific Science & Engineering Group, Inc., San Diego, CA	San Diego	CA	92121-4735
C60-29q Minimal-Perturbation Adversarial Modeling for Nuclear I&amp;C Cybersecurity	Achilles Heel Technologies, Orem, UT	Orem	UT	84097
CableWatch RF-AE: A Passive, Dual-Mode Sensor for Online Partial Discharge Detection in Medium-Voltage Cables	X-wave Innovations, Inc., Gaithersburg, MD	Gaithersburg	MD	20878-1464
Catalyst Reactor for Alternative Fuel Technologies (CRAFT)	OxEon Energy LLC, North Salt Lake, UT	North Salt Lake	UT	84054-2986
Combine Augmented Reality (AR) with Physical Security Modeling & Simulation and Visualization to Enable Human Factors Studies for Central Alarm System (CAS) Training Simulators	RhinoCorps, Albuquerque, NM	Albuquerque	NM	87110
Commercialization of MPFD Systems for Advanced Reactor Instrumentation	Radiation Detection Technologies, Inc., Manhattan, KS	Manhattan	KS	66502
Complete Mineralization of PFAS in Groundwater via Advanced Electrolytic Oxidation	Giner, Inc., Newton, MA	Newton	MA	02466-1311
Continuous Unattended Measurement of Uranium Enrichment using 3D CdZnTe	H3D, Inc., Ann Arbor, MI	Ann Arbor	MI	48108
Cyber-physical AI for Resilient Monitoring	Sentinel Devices LLC, Atlanta, GA	Atlanta	GA	30308
Development of an All-Optical Multi-Sensor System and Real-Time Data Acquisition, Processing and Analysis to Monitor Nuclear Waster Storage Containers and Sites	Paulsson, Inc., Van Nuys, CA	Van Nuys	CA	91406-1745
Digital Monitoring Networks	Silicon Audio Seismic, LLC, Austin, TX	Austin	TX	78702-7299
Distributed Substation Ballistic Risk Mitigation	Helios Remote Sensing Systems, Inc., Rome, NY	Rome	NY	13441-4319
Dual-wavelength Raman Sensor for Characterizing Slurries	Intelligent Optical Systems, Inc., Gardena, CA	Gardena	CA	90248-3139
Effective Treatment of Microplastics and Per- and Polyfluoroalkyl Substances (PFAS) Using Thermal Plasma Discharge in Water Approach	IM Technologies, LLC, Shoreham, NY	Shoreham	NY	11786
Electromagnetically Levitated Microparticle Actuator	Opto-Atomics Corp., San Pedro, CA	San Pedro	CA	90731-1270
Fabrication and Testing of Spiral Countercurrent Chromatograph as an REE Analyzer; Application to Measuring Rare Earth Elements in Phosphogypsum	CC Biotech LLC, Rockville, MD	Rockville	MD	20847
Fast Response Optical Sensor for Monitoring Molten Salt Impurity	Intelligent Fiber Optic Systems Corporation, San Jose, CA	San Jose	CA	95134-2300
FuelTrack: a Fuel-Specific MC&A Platform for Advanced Fuel Cycles	Angmartek LLC, Kenmore, WA	Kenmore	WA	98028
Growth of CZT Crystals with Electro-Magnetically Stirred Solution Zone	CapeSym, Inc., Natick, MA	Natick	MA	01760-1325
High Spatial Resolution Mapping of Fresh Nuclear Fuel Via Combined Cylindrical Coded Aperture and LIDAR Imaging	H3D, Inc., Ann Arbor, MI	Ann Arbor	MI	48108
High-Purity Separations of Rare Earth Elements from Phosphogypsum	CF Technologies, Inc., Hyde Park, MA	Hyde Park	MA	02136-2075
High-Temperature Refractory Heat Pipes for Direct sCO2 Brayton Cycle Heat Exchangers	ENERGY DRIVEN TECHNOLOGIES LLC, State College, PA	State College	PA	16803
Improved Oxygen Sensors for Sodium-Cooled Fast Reactors	HiFunda LLC, Salt Lake City, UT	Salt Lake City	UT	84103
Inorganic Membranes for NO2 and H2O Recovery from Fission Fuel Reprocessing Off-gas	Media and Process Technology Inc, Pittsburgh, PA	Pittsburgh	PA	15238-1368
Intelligent Wide-Band Gap in-core Neutron Flux Detector Array	AwareAbility Technologies LLC, Columbus, OH	Columbus	OH	43212-1180
Investigation of Microreactor Cooling and Development of a Smart Alarming System for Reactor Pressure Vessel Surface Temperature Monitoring	Advanced Engineering Solutions LLC, Jersey City, NJ	Jersey City	NJ	7306
Krypton Sorbents	Palladius LLC, Los Alamos, NM	Los Alamos	NM	87544-3210

Laser Ultrasonic Characterization of Nuclear Fuel Rod Coatings	Intelligent Optical Systems, Inc., Gardena, CA	Gardena	CA	90248-3139
Low Frequency, High Efficiency RF Source and RF Accelerating Structure	Accelerad Technologies, Inc., Hayward, CA	Hayward	CA	94544
Machine Learning Enhanced Low-Power Photomultiplier Readout	Alphacore Inc, Tempe, AZ	Tempe	AZ	85281-3052
Mie Photo Sensors: An Integral Technology for Development of a Remote Laser-Induced Breakdown Spectrometer	PixelEXX Systems, Inc., Hinsdale, IL	Hinsdale	IL	60522-0333
Monitoring and Vibrational Analysis System for Nuclear Power Plant Modernization	Vega Wave Systems, West Chicago, IL	West Chicago	IL	60185-4833
MyRadar Orbital Data Platform for Maritime Decision Making	ACME AtronOmatic, Orlando, FL	Orlando	FL	32801
Novel High Efficiency Digital Panel for Field Radiography	Radiation Monitoring Devices, Inc., Watertown, MA	Watertown	MA	02472-4699
Novel Microgrid Database Development with Artificial Intelligence	Gaia Energy Research Institute LLC, Alexandria, VA	Alexandria	VA	22304-3906
Novel Transparent and Autonomous Cyber Physical Malicious Event Detection Framework	A2 Intelligence, Inc, Ann Arbor, MI	Ann Arbor	MI	48104
PFASMAP: Rapid Detection and Geospatial Mapping of PFAS in Groundwater and Soil	ITA International, Newport News, VA	Newport News	VA	23606-3075
Plant Modernization through EDIM for Enhanced Core Monitoring and Operational Intelligence	Covert Defenses, LLC, Lexington, KY	Lexington	KY	40506
Quantum Enhanced Seismic and Acoustic Sensors	MagiQ Technologies, Inc., Somerville, MA	Somerville	MA	02143-4214
Radiation Monitoring Robot for Automated Site Surveys	H3D, Inc., Ann Arbor, MI	Ann Arbor	MI	48108
REE Separation Resins for Analytical Chemistry	Palladias LLC, Los Alamos, NM	Los Alamos	NM	87544-3210
Subpixel Semiconductor Radiography Sensor Using Digital Readout	H3D, Inc., Ann Arbor, MI	Ann Arbor	MI	48108
Thermionic Energy Conversion for Unattended Microreactor Operations	Spark Thermionics, Inc., San Francisco, CA	San Francisco	CA	94103
TwinSight: 21st Century Digital Twin Solutions for Nuclear Asset Lifecycle Optimization	Equity Engineering Group, Inc., The, Shaker Heights, OH	Shaker Heights	OH	44122