

Department of Energy Announces \$400 Million for Research at Energy Frontier Research Centers

Announcement Number: DE-FOA-0002653

List Posted: 8/25/2022

Principal Investigator	Title	Institution	City	State	9-digit zip code
Yu, Shui-Qing (Fisher)	Manipulation of Atomic Ordering for Manufacturing Semiconductors (μ -ATOMS)	University of Arkansas	Fayetteville	AR	72701-3124
Ratcliff, Erin	Center for Soft PhotoElectroChemical Systems (SPECS)	University of Arizona	Tucson	AZ	85721-0158
Moore, Joel	Center for Novel Pathways to Quantum Coherence in Materials	Lawrence Berkeley National Laboratory	Berkeley	CA	94720-8099
Naulleau, Patrick	Center for High Precision Patterning Science (CHiPPS)	Lawrence Berkeley National Laboratory	Berkeley	CA	94720-8099
Dionne, Jennifer	Photonics at Thermodynamic Limits	Stanford University	Stanford	CA	94305-8445
Kovscek, Anthony	Center for Mechanistic Control of Unconventional Formations (CMC-UF)	Stanford University	Stanford	CA	94305-8445
Ardo, Shane	Ensembles of Photosynthetic Nanoreactors (EPN)	University of California, Irvine	Irvine	CA	92697-7600
Yang, Jenny	Center for Closing the Carbon Cycle (4C)	University of California, Irvine	Irvine	CA	92697-7600
Tolbert, Sarah	Energy Frontier Research Center (EFRC) for Synthetic Control Across Length-scales for Advancing Rechargeables (SCALAR)	University of California, Los Angeles	Los Angeles	CA	90095-1406
Schuller, Ivan	Quantum Materials for Energy Efficient Neuromorphic Computing (Q-MEEN-C)	University of California, San Diego	La Jolla	CA	92093-0934
Beard, Matthew	Center for Hybrid Organic Inorganic Semiconductors for Energy (CHOISE)	National Renewable Energy Laboratory	Golden	CO	80401-3111
Cheng, Hai-Ping	Center for Molecular Magnetic Quantum Materials (M2QM)	University of Florida	Gainesville	FL	32611-5500
Lively, Ryan	Understanding & Controlling Accelerated and Gradual Evolution	Georgia Tech	Atlanta	GA	30332-0420
McQueeney, Robert	Center for the Advancement of Topological Semimetals (CATS)	Ames Laboratory	Ames	IA	50011-1015
Hurley, David	Center for Thermal Energy Transport under Irradiation (TETI)	Idaho National Laboratory	Idaho Falls	ID	83415-0001
Darling, Seth	Advanced Materials for Energy-Water Systems	Argonne National Laboratory	Lemont	IL	60439-4803
Haile, Sossina M.	Hydrogen in Energy and Information Sciences (HEISs)	Northwestern University	Chicago	IL	60611-4579
Stupp, Samuel	Center for Bio-Inspired Energy Science	Northwestern University	Chicago	IL	60611-4579
Gagliardi, Laura	EFRC Catalyst Design for Decarbonization Center (CD4DC)	University of Chicago	Chicago	IL	60637-5418
Sottos, Nancy	EFRC Regenerative Energy-Efficient Manufacturing of Thermoset Polymeric Materials (REMAT)	University of Illinois at Urbana-Champaign	Champaign	IL	61820-7406
Strano, Michael	The Center for Enhanced Nanofluidic Transport – Phase 2 (CENT2)	Massachusetts Institute of Technology	Cambridge	MA	02139-4307

Broholm, Collin	Institute for Quantum Matter	Johns Hopkins University	Baltimore	MD	21218-2686
Kerfeld, Cheryl	The Center for Catalysis in Biomimetic Confinement (CCBC)	Michigan State University	East Lansing	MI	48824-2601
Sakamoto, Jeff	Mechano-Chemical Understanding of Solid Ion Conductors (MUSIC)	University of Michigan	Ann Arbor	MI	48109-1274
Dauenhauer, Paul	Center for Sustainable Energy Catalysis (CSEC)	University of Minnesota	Minneapolis	MN	55455-2070
Detournay, Emmanuel	Center for Interacting Geo-processes in Mineral Carbon Storage	University of Minnesota	Minneapolis	MN	55455-2070
Kumar, Dhananjay	Center for Electrochemical Dynamics And Reactions on Surfaces (CEDARS)	North Carolina A&T State University	Greensboro	NC	27411-0002
Scholes, Gregory	Bioinspired Light-Escalated Chemistry (BioLEC)	Princeton University	Princeton	NJ	08540-2020
Uberuaga, Blas	Fundamental Understanding of Transport Under Reactor Extremes (FUTURE)	Los Alamos National Laboratory	Los Alamos	NM	87545-0600
Wishart, James	Molten Salts in Extreme Environments	Brookhaven National Laboratory	Upton	NY	11973-5000
Basov, Dmitri	Programmable Quantum Materials (Pro-QM)	Columbia University	New York	NY	10027-7922
Abruna, Hector	Center for Alkaline-Based Energy Solutions (CABES)	Cornell University	Ithaca	NY	14850-2820
Parise, John	GENESIS: A Next Generation Synthesis Center	Stony Brook University	Stony Brook	NY	11794-3362
Takeuchi, Esther	Center for Mesoscale Transport Properties	Stony Brook University	Stony Brook	NY	11794-3362
Savinell, Robert	EFRC Breakthrough Electrolytes for Energy Storage and Systems (BEES2)	Case Western Reserve University	Cleveland	OH	44106-1712
Cosgrove, Daniel	Center for Lignocellulose Structure and Formation	Pennsylvania State University	University Park	PA	16802-7000
Pilla, Srikanth	Artificially Intelligent Manufacturing Paradigm for Composites (AIM for Composites)	Clemson University	Clemson	SC	29634-5702
Cooper, Valentino	Fast and Cooperative Ion Transport in Polymer-Based Electrolytes (FaCT)	Oak Ridge National Laboratory	Oak Ridge	TN	37831-6118
Williams, R. Stanley	Reconfigurable Electronic Materials Inspired by Nonlinear Neuron Dynamics (REMIND)	Texas A&M Engineering Experiment Station	College Station	TX	77845-3131
Freeman, Benny	Center for Materials for Water and Energy Systems (M-WET)	University of Texas at Austin	Austin	TX	78759-5316
Butt, Darryl	Multi-scale Fluid-Solid Interactions in Architected and Natural Materials (MUSE)	University of Utah	Salt Lake City	UT	84112-9023
Bullock, Morris	Center for Molecular Electrocatalysis (CME)	Pacific Northwest National Laboratory	Richland	WA	99352-1793
Baneyx, François	CSSAS: The Center for the Science of Synthesis Across Scales	University of Washington	Seattle	WA	98195-9472