





FUNDER	PROGRAM	DESCRIPTION	DEADLINES
DOE	Reducing Agricultural Carbon Intensity and Protecting Algal Crops (RACIPAC)	Supports science-based strategies and technologies to cost-effectively transform renewable carbon resources such as agricultural waste and algae into high-quality, environmentally sustainable, conversion-ready feedstocks for biofuels and bioproducts.	May 16, 2023
DOE	Bipartisan Infrastructure Law: Carbon Capture Demonstration Projects Program	Supports integrated carbon capture and storage (CCS) projects that demonstrate substantial improvements in the efficiency, effectiveness, cost, and environmental performance of carbon capture technologies for power, industrial, and other commercial applications.	May 23, 2023 (Full)
DOE	ARPA-E Exploratory Topics	Supports high-risk R&D leading to the development of potentially disruptive new technologies across the full spectrum of energy applications; remaining open topic is Critical Mineral Extraction from Ocean Macroalgal Biomass (Algal Mining).	May 31, 2023
DOE	Small Innovative Projects in Solar (SIPS): Concentrating Solar-Thermal Power and Photovoltaics	Supports seedling R&D projects that focus on innovative and novel ideas in photovoltaics (PV) and concentrating solar-thermal power (CSP) and are riskier than research ideas based on established technologies.	Jun. 1, 2023
NIH	Research to Action: Assessing and Addressing Community Exposures to Environmental Contaminants (R01 Clinical Trial Optional)	Encourages multidisciplinary projects to investigate the potential health risks of environmental exposures of concern to a community and to develop and implement an environmental public health action plan based on research findings.	Jun. 5, Oct. 5, Feb. 5 (new)
DOI	Multistate Conservation Grant (MSCG) Program	Funds projects that address regional or national level priorities of state fish and wildlife agencies.	Jun. 15, 2023
DOE	FY23 Conversion Research and Development	Supports developing technologies to enable the conversion of waste and renewable resources to fuels and products with substantial greenhouse gas emissions reductions compared to the petroleum incumbent.	Jun. 16, 2023
DOE	Bipartisan Infrastructure Law: Enhanced Geothermal Systems (EGS) Pilot Demonstrations	Supports enhanced geothermal systems (EGS) pilot demonstration projects that demonstrate EGS in different geologic settings, using a variety of development techniques and well orientations.	Jun. 16, 2023 (Full)
DOE	Bipartisan Infrastructure Law: Carbon Capture Large-Scale Pilot Projects	Designed to establish a carbon capture technology program for the development of transformational technologies that will significantly improve the efficiency, effectiveness, costs, emissions reductions, and environmental performance of coal and natural gas use, including in manufacturing and industrial facilities.	Jun. 21, 2023 (Full)



FUNDER	PROGRAM	DESCRIPTION	DEADLINES
DOE	Industrial Efficiency and Decarbonization Office (IEDO) FY23 Multi-Topic FOA	Aims to advance cross-sector approaches for industrial decarbonization (such as thermal processing, low-carbon fuels utilization, and exploratory cross-sector topics), along with high-GHG-emitting subsectors (such as chemicals, iron and steel, food and beverage, cement and concrete, and forest products).	Jun. 23, 2023
DOE	Bipartisan Infrastructure Law: Energy Improvement in Rural or Remote Areas	Provides financial investment, technical assistance, and other resources to advance clean energy demonstrations and energy solutions that are replicable and scalable for rural and remote areas of the U.S. with 10,000 or fewer inhabitants.	Jun. 28, 2023 (Full)
DOE	WETO Offshore Wind 2023 Centers of Excellence	Seeks to seed one to three university-led Centers of Excellence to catalyze an education, research, and partnership ecosystem to address technology, deployment, and workforce needs for developing U.S. offshore wind industry leadership.	*Jun. 30, 2023
DOI	FWS U.S. Standard Grants Program	A competitive, matching grant program that supports public-private partnerships carrying out projects in the United States that further the goals of the North American Wetlands Conservation Act.	Jul. 7, 2023
USDA	AFRI Sustainable Agricultural Systems	Supports research on approaches that promote transformational changes in the U.S. food and agriculture system. NIFA seeks creative and visionary applications that take a systems approach for projects are expected to significantly improve the supply of affordable, safe, nutritious, and accessible agricultural products, while fostering economic development and rural prosperity in America.	Jul. 13, 2023
DOE	Bipartisan Infrastructure Law: Clean Hydrogen Electrolysis, Manufacturing, and Recycling	Supports applied research, development, demonstration, and deployment (RDD&D) projects across the full range of technologies for the production, processing, delivery, storage, and use of clean hydrogen.	Jul. 19, 2023 (Full)
DOE	Industrial Decarbonization and Emissions Reduction Demonstration-to-Deployment	Aims to catalyze high-impact, large-scale, transformational advanced industrial facilities to significantly reduce greenhouse gas (GHG) emissions in energy-intensive industrial subsectors.	Aug. 4, 2023
NSF	Human-Environment and Geographical Sciences Program	Supports basic scientific research about the nature, causes and/or consequences of the spatial distribution of human activity and/or environmental processes across a range of scales.	Aug. 15, 2023; Jan. 16, 2024
NSF	Environmental Convergence Opportunities in Chemical, Bioengineering, Environmental, and Transport Systems (ECO-CBET)	Supports fundamental research activities that confront vexing environmental engineering and sustainability problems by developing foundational knowledge underlying processes and mechanisms such that the design of innovative new materials, processes, and systems is possible.	Sep. 18, 2023 (Pre); Jan. 31, 2024 (Full)



FUNDER	PROGRAM	DESCRIPTION	DEADLINES
DOE	FY2023 Continuation of Solicitation for the Office of Science Financial Assistance Program	Supports research in the following program areas: Advanced Scientific Computing Research, Basic Energy Sciences, Biological and Environmental Research, Fusion Energy Sciences, High Energy Physics, Nuclear Physics, Isotope R&D and Production, and Accelerator R&D and Production.	Sep. 30, 2023
DOI	FY23 Recovery Implementation	Supports the implementation of priority recovery actions for federally endangered and threatened species.	Sep. 30, 2023
USDA	AFRI Sustainable Agroecosystems: Health, Functions, Processes and Management	Supports research projects that focus on improvement of ecosystem health and productivity in managed systems (croplands, forests, grasslands and rangelands) that are currently under stress and at risk from climate, pests, pathogens, invasive plants, and increased environmental pressures.	*Fall 2023 (Last: Sep. 15, 2022)
USDA	AFRI Sustainable Bioeconomy through Biobased Products	Supports research on developing biomass systems, and producing biobased products or biomass generated power to enable the bioeconomy, and in a manner, which reduces adverse impacts to the environment.	*Fall 2023 (Last: Sep. 1, 2022)
NSF	Dynamics of Integrated Socio-Environmental Systems (DISES)	Supports research projects that advance basic scientific understanding of integrated socio-environmental systems and the complex interactions (dynamics, processes, and feedbacks) within and among the environmental (biological, physical and chemical) and human ("socio") (economic, social, political, or behavioral) components of such a system.	Nov. 15, 2023
NSF	Organismal Response to Climate Change	Calls for proposals that integrate the study of genomic, physiological, structural, developmental, neural, or behavioral mechanisms of organismal response to climate change (ORCC) with eco-evolutionary approaches to better manage the effects of a rapidly changing climate on earth's living systems.	Nov. 21, 2023
NOAA	Climate Program Office	Seeks applications for eight individual competitions relevant to four high-priority climate risk areas CPO is focusing on to improve science understanding and/or capabilities that result in user-driven outcomes: Coastal Inundation, Marine Ecosystems, Water Resources, and Extreme Heat.	*Late 2023 (Last: Nov. 21, 2022)
NSF	Design for Environmental Sustainability in Computing	Supports foundational research addressing the substantial environmental impacts of computing. Projects should surpass studies of energy efficiency alone, pursuing dramatic improvements to overall sustainability.	Dec. 29, 2023
NEH	Climate Smart Humanities Organizations	Helps humanities organizations to anticipate operational, physical, and financial impacts of climate-related events on their institutions, while also reducing their own impact on the environment.	TBD (Last: Jan. 17, 2023)



FUNDER	PROGRAM	DESCRIPTION	DEADLINES
NSF	Building Synthetic Microbial Communities for Biology, Mitigating Climate Change, Sustainability and Biotechnology	Supports research that addresses one or more of the three themes: 1) define the underlying mechanisms or rules that drive the formation, maintenance or evolution of synthetic microbial communities, 2) use synthetic microbial communities to address fundamental biological questions, including questions in molecular biology, cellular/organismal biology, ecology and evolution and/or 3) build synthetic communities with biotechnology, bio-economy or environmental engineering applications.	Aug. 1, 2024
FDN	Charles Stewart Mott Foundation	Partners with groups in North America and around the world to advance the cause of sustainability, through four primary programs: (1) Advancing Climate Change Solutions; (2) Transforming Development Finance; (3) Addressing the Freshwater Challenge; and (4) Special Initiatives.	Rolling
NSF	Climate and Large-Scale Dynamics (CLD)	Seeks to: (i) advance knowledge about the processes that force and regulate the atmosphere's synoptic and planetary circulation, weather and climate, and (ii) sustain the pool of human resources required for excellence in synoptic and global atmospheric dynamics and climate research.	Rolling
FDN	David & Lucile Packard Foundation	Provides wide-ranging support for environmental initiatives in the areas of Climate, Ocean, Science, and Agriculture, Livelihoods, and Conservation.	Rolling
FDN	Doris Duke Charitable Fund	The Environment Program seeks to ensure a thriving, resilient environment for wildlife and people, and foster an inclusive, effective conservation movement.	Rolling
NSF	Environmental Biology	Supports research and training on evolutionary and ecological processes acting at the level of populations, species, communities, and ecosystems.	Rolling
NSF	Environmental Engineering	Supports fundamental research focused on reducing pollution and its environmental and human impacts through closing resource loops; smart amendments; environmental manipulation; or remediation with engineered processes.	Rolling
NSF	Environmental Sustainability	Seeks to promote sustainable engineered systems that support human well-being and that are also compatible with sustaining natural (environmental) systems.	Rolling
NSF	Humans, Disasters, and the Built Environment (HDBE)	Supports fundamental, multidisciplinary research on the interactions between humans and the built environment within and among communities exposed to natural, technological and other types of hazards and disasters.	Rolling
NSF	Long Term Research in Environmental Biology	Supports the generation of extended time series of data to address important questions in evolutionary biology, ecology, and ecosystem science.	Rolling
NSF	NSF-NIST Interaction in Basic and Applied Scientific Research	Designed to facilitate collaborative research and educational activities among NIST scientific and engineering staff and researchers supported by NSF.	Rolling
FDN	Oak Foundation	Awards grants under an Environment program under three focus areas: Energy, Food, and Natural Security	Rolling
FDN	Rockefeller Brothers Foundation	Sustainable Development program advances global stewardship that is ecologically based, economically sound, socially just, culturally appropriate, and consistent with intergenerational equity.	Rolling



FUNDER	PROGRAM	DESCRIPTION	DEADLINES
NSF	Paleoclimate	Supports research on the physical, chemical and biological processes that influence the Earth's climate over the long term and enables understanding of present climate variability and future trends.	Rolling
NOAA	FY 2021-24 Broad Agency Announcement (BAA)	Supports research, education and outreach, innovative projects, or sponsorships that are not addressed through NOAA's competitive discretionary programs. Priorities include: Climate Adaptation and Mitigation; Weather-Ready Nation; Healthy Oceans; Resilient Coastal Communities and Economies	Rolling through Sep. 30, 2024
NSF	Critical Aspects of Sustainability (CAS)	Supports basic research through core disciplinary programs aimed at improving the sustainability of resources for future generations while maintaining or improving current products in order to offer technologically-advanced, economically competitive, environmentally-benign and useful materials to a global society. Dear Colleague Letter highlights the following priorities: Reduce Greenhouse Gas (GHG) Emissions and Energy Use; Energy Innovations Relevant to Climate Change Mitigation; Enhance GHG Sequestration; Accelerating Strategies for Climate Change Adaptation; and Research Addressing Synergistic Topics.	Varies by program
FDN	National Fish and Wildlife Foundation	Supports more than 70 grant programs to protect and restore our nation's wildlife and habitats. Educational institutions and nonprofit organizations are welcome to apply for matching grants under its conservation priority programs.	Varies by program
FDN	Open Space Institute	Provides grants that support the strategic use of land protection to address climate change and water quality in select geographies in the eastern U.S.	Varies by program
USDA	Sustainable Agriculture Research and Education (SARE)	Encourages research and outreach designed to increase knowledge concerning agricultural production systems that: maintain and enhance the quality and productivity of the soil; conserve soil, water, energy, natural resources, and fish and wildlife habitat; maintain and enhance the quality of surface and ground water; protect the health and safety of persons involved in the food and farm system; promote the well-being of animals; and increase employment opportunities in agriculture.	Varies by program
DOE	Research Opportunities in Accelerator Stewardship	Supports cross-cutting use-inspired basic research and development (R&D) to advance accelerator science and technology (AS&T) and domestic supplier development that supports SC's activities in physical sciences research,	*Spring 2024 (Last: Mar. 31, 2023)
DOE	Energy Frontier Research Centers	Supports multi-disciplinary teams proposing both discovery science and use-inspired basic research that addresses priority research directions and opportunities identified by a series of BES workshop and roundtable reports; encourages applications that propose fundamental chemical sciences, materials sciences, geosciences, and biosciences research that will enable future clean energy technologies and advanced manufacturing.	*Spring 2024 (Last: Mar. 31, 2022)
FDN	MacArthur Foundation	Climate Solutions program concentrates on reducing greenhouse gas emissions (carbon dioxide, methane, etc.) from energy-related sources.	By invitation only
FDN	Pisces Foundation	Provides grants through three programs: Climate and Energy; Environmental Education; and Water.	By invitation/RFP only





ABOUT HANOVER GRANTS

Hanover provides research development, grant writing, and strategic advising support to a wide range of colleges and universities. Our professionals deliver customized proposal review, revision, and production support, while also helping to align strategic priorities to funding trends and opportunities at all levels.

OUR SOLUTIONS

CAPACITY DEVELOPMENT



- Grants Training
- Benchmarking & Best Practices
- Grantseeking Strategy

FUNDING RESEARCH



- Funding Opportunity Analysis
- Prospect Research
- Funding Calendar

PRE-PROPOSAL ACTIVITIES



- Faculty Consult
- Outreach Strategy
- Concept Paper Development

PROPOSAL SUPPORT



- Proposal Review
- Proposal Revision
- Proposal Research
- Proposal Support

PROPOSAL DEVELOPMENT



- LOI/Pre-Proposal Production
- Proposal Production (Foundation)
- Proposal Production (Federal)



Please contact us at info@hanoverresearch.com to learn more.