ARTS, HUMANITIES, and INTERNATIONAL

National Historic Landmarks Committee Interior

Notice announcing a meeting of the National Historic Landmarks Committee (Committee) of the National Park System Advisory Board. The purpose of the meeting of the Committee is to evaluate nominations of historic properties in order to advise the Board of the qualifications of each property being proposed for National Historic Landmark designation, and to make recommendations regarding the possible designation of those properties as National Historic Landmarks to the Board at a future meeting.

The meeting will be held on September 18, 2024, from 10:00 a.m. to 4:00 p.m. (ET) via virtually at <u>NHL</u> website.

LINKS: Federal Register; Agency Site

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

2024 Region 4 Sustainable Materials Management Grants Environmental Protection Agency

Notice seeking proposals for projects that will improve community resilience and sustainability through sustainable materials management. Applicants must select at least one of the following technical assistance methods: research, investigation, experiments, education, training, studies and/or demonstration of innovative techniques. Applicants' projects must take place within EPA Region 4, which includes Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee.

Proposals are due October 31, 2024. Up to four awards ranging from \$50,000 to \$125,000 each are available.

LINKS: Grants.gov; Agency Site

Meeting of the Council on Graduate Medical Education (COGME) U.S. Department of Health and Human Services, Health Resources and Services Administration

Notice announcing a public meeting of COGME, which considers topics such as the supply and distribution of the physician workforce in the United States, including any projected shortages or excesses; foreign medical school graduates; the nature and financing of undergraduate and graduate medical education; appropriation levels for certain programs under Title VII of the Public Health Service Act; and deficiencies in databases concerning the supply and distribution of the physician workforce and postgraduate programs for training physicians.

The meeting will be held via webinar on September 12, 2024, from 10:00 a.m. to 5:30 p.m. (ET). See the agency site for details.

LINKS: Federal Register; Agency Site

President's Board of Advisors on Historically Black Colleges and Universities Education

Notice seeking participation in a public meeting. The agenda includes: welcome remarks from the Board Chair and Vice Chair; a Biden-Harris Administration update from the White House Office of Public Engagement; an update from the Under Secretary of the U.S. Department of Education; an update from the Executive Director of the Initiative; a briefing on the status of the Departments of Education and

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Agriculture's Letter to States on the unequitable funding of 1890 institutions; a review of the 2023 Report to the President with presentations from invited advocacy groups; and a discussion on the history of voting rights and HBCUs.

The meeting will be held September 19, 2024.

LINKS: Federal Register; Agency Site

Presidential Advisory Commission on Advancing Educational Equity, Excellence, and Economic Opportunity for Black Americans Education

Notice seeking participants in an open meeting. The agenda includes remarks from Congressional representatives, advisory committee leaders, department of education leaders, a student, and subject matter experts. The committee generally advises on: what is needed for the development, implementation, and coordination of educational programs and initiatives at the Department and other agencies to improve educational opportunities and outcomes for Black Americans; how to promote career pathways for indemand jobs for Black students, including registered apprenticeships, internships, fellowships, mentorships, and work-based learning initiatives; how to increase public awareness of and generate solutions for the educational and training challenges and equity disparities that Black Americans face and the causes of these challenges; and approaches to establish local and national partnerships with public, private, philanthropic, and nonprofit stakeholders.

The meeting will be held on September 10, 2024. Registration is required.

LINKS: Federal Register; Agency Site

Research Grants for Preventing Violence and Violence Related Injury (R01) U.S. Department of Health and Human Services, Centers for Disease Control and Prevention

Notice seeking proposals for investigator-initiated research that will help expand and advance understanding of approaches to prevent community violence and to eliminate racial and ethnic inequities in risk for community violence. This initiative is intended to support effectiveness research to evaluate innovative programs, practices, or policies to address risk for violence and inequities in risk for violence among groups experiencing a high burden of community violence.

Proposals are due December 2, 2024. An estimated \$3.2 million is available to fund up to eight awards.

LINKS: Grants.gov; Agency Site

Meeting of the Coordinating Council on Juvenile Justice and Delinquency Prevention Justice

Notice announcing a meeting of the Coordinating Council on Juvenile Justice and Delinquency Prevention.

The meeting will be held September 19, 2024, at 1:00 p.m.- 4:00 p.m. ET at the Department of Justice, 810 7th St. NW, Washington, DC.

LINKS: Federal Register; Agency Site

Nanocellulose Research and Development for Sustainable Materials U.S. Department of Agriculture

Notice seeking information to explore future projects meeting the needs and interests of potential partners through partnership agreements within legislative authority with USDA Forest Service. The objectives of

this program are: Advance the commercialization of cellulose nanomaterials (CNMs) in the United States; Develop a CNM R&D hub at the Forest Product Laboratory; and Create a sustainable future.

Responses are due October 25, 2024.

LINKS: Grants.gov; Agency Site

HEALTH and MENTAL HEALTH

Clinical Trials Addressing Unmet Needs of Rare Neurodegenerative Diseases (R01) U.S. Department of Health and Human Services, Food and Drug Administration

Notice seeking proposals for clinical trials evaluating the efficacy and/or safety in support of a new indication or change in labeling to address unmet needs in rare neurodegenerative diseases for children and adults. The priority is to support research and development of interventions intended to prevent, diagnose, mitigate, treat or cure rare neurodegenerative diseases, particularly of interest are approaches including innovative clinical trial designs and methods.

Proposals are due October 22, 2024. Maximum award amount is \$650,000 per year, for up to 4 years.

LINKS: Grants.gov; Solicitation

Ending the HIV Epidemic in the U.S. Ryan White HIV AIDS Program Parts A and B U.S. Department of Health and Human Services, Health Resources and Services Administration

Notice seeking proposals for projects that implement effective and innovative strategies, interventions, approaches, and services to reduce new HIV infections in the United States with a focus on HIV high burden areas.

Proposals are due October 22, 2024. An estimated \$175 million is available to fund 47 awards. Eligibility is limited to jurisdictions whose service areas include one or more of 48 HIV high burden counties; and to states/territories identified as having a substantial rural HIV burden - Alabama, Arkansas, Kentucky, Mississippi, Oklahoma, and South Carolina. Colleges and universities may be able to collaborate. Only one application is allowed per applicant.

LINKS: Grants.gov; Agency Site

Microglial Pathophysiology in Comorbid Substance Use Disorder (SUD) and HIV U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals for projects that generate brain region and cell-type specific microglial protein profiles in the context of HIV and SUD, then use those molecular profiles and interaction networks to establish mechanisms of how HIV-harboring microglia may contribute specifically to neuropathologies encountered with comorbid HIV and SUD.

Proposals are due August 15, 2025. An estimated \$2.5 million is available to fund three to six awards.

LINKS: Grants.gov; Solicitation

NCI Research Specialist (Clinician Scientist) Award (R50 Clinical Trial Not Allowed) U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to support exceptional clinician scientists who want to continue to participate in the NCI clinical trials networks through leadership in the 1) development of national clinical trials, 2) implementation of NCI clinical trials in their institutions, and 3) national service to the NCI clinical trials

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networks through participation in the scientific review committees, monitoring committees and other activities, but not serve as principal investigators of research project grants. The Research Specialist Award is intended to provide salary support and sufficient autonomy so that individuals are not solely dependent on NCI grants held by others or other sources of support for cancer research career continuity.

Proposals are due November 4, 2024. Awards may vary.

LINKS: Grants.gov; Solicitation

Advisory Committee to the Deputy Director for Intramural Research, National Institutes of Health. U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking participants in a public meeting. The agenda will include: discussing research initiatives and collaborations within the Intramural Research Program (IRP). Topics will also include existing IRP-wide efforts and shared resources subcommittee process; strengths of the current IRP; and potential future IRP-wide initiatives.

The meeting will be held virtually, October 1, 2024 1:00 p.m.-4:00 p.m. EST.

LINKS: Federal Register

Center For Scientific Review; Notice of Meeting U.S. Department of Health and Human Services, National Institutes of Health

Notice announcing a public meeting scheduled to provide advice to the CSR director on matters related to planning, execution, conduct, support, review, evaluation, and receipt and referral of grant applications at CSR.

The meeting will be held September 23, 2024, from 9:00 a.m. to 4:00 p.m., (ET), via webinar at <u>https://videocast.nih.gov/watch=55107</u>.

LINKS: Federal Register; Agency Site

Advancing Healthcare for Older Adults from Populations that Experience Health Disparities (R01 - Clinical Trial Optional)

U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to advance the science and implementation of innovative multi-level health care research for older adults from populations that experience health disparities. The initiative will support research designed to (1) gain a better understanding of appropriate screening, diagnostic, and clinical care guidelines in a primary care setting, (2) explore shared decision-making that is needed to enhance care planning and patient agency between clinicians and care teams with the older adult and their caregiver(s), and (3) identify effective strategies for care coordination.

Proposals are due annually on February 5, June 5, and October 5 through January 8, 2028.

LINKS: Grants.gov; Solicitation

NLM Information Resource Grants to Reduce Health Disparities and Promote Health Equity (G08 Clinical Trial Not Allowed)

U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals for projects that will provide accurate, useful, usable, and understandable health information to populations that experience health disparities and their health care providers. This NOFO

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supports the development of resources that can be used to improve health and well-being and that lead to reductions in health disparities.

Proposals are due December 13, 2024. Multiple awards are anticipated.

LINKS: Grants.gov; Solicitation

Short Courses Promoting Cross-National Analyses Using Data from the International Health and Retirement Study (HRS) and Harmonized Cognitive Assessment Protocol (HCAP) (R25 Clinical Trial Not Allowed)

U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to support short courses designed to increase utilization of the cognitive data from the Health and Retirement Study's (HRS) International Family of Studies (International HRS) and Harmonized Cognitive Assessment Protocol (HCAP) to improve skills in conducting cross-national comparative research using these cognitive data to study a variety of aging and Alzheimer's disease and Alzheimer's disease-related dementias (AD/ADRD) topics.

Optional letters of intent are due September 10, 2024. Proposals are due October 10, 2024. An estimated \$1.5 million is available to fund up to five awards.

LINKS: Grants.gov; Solicitation

The Impact of Stressors on the Biological Mechanisms of Aging and Other Aging-Associated Outcomes in Experimental Model Systems (R61-R33 Clinical Trial Not allowed) U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals proposing research that incorporates exposures to a stressor(s) during the postdevelopment period ("adulthood") into studies of aging processes. Research proposed in the initial, exploratory (R61) phase will seek to determine whether exposure to a stressor(s) (e.g., physical, social, and/or environmental stressors of well-defined duration, intensity, and timing) during adulthood results in measurable changes in one or more of the hallmarks of aging. The second, developmental (R33) phase will then expand upon findings yielded in the R61 phase to determine the impacts of the stressor(s) on lifespan, healthspan, resilience, and/or interactions with other "input variables" such as genotype, diet, interventions, etc.

Optional letters of intent are due October 7, 2024. Proposals are due November 7, 2024. An estimated \$3.25 million is available to fund up to eight awards.

LINKS: Grants.gov; Solicitation

Understanding the mechanisms underlying the age-related changes in gait biomechanics and the impact on the increased metabolic cost of walking (R01 Clinical Trial Optional) U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals that propose human studies to better understand the mechanisms underlying compensatory gait, posture, and molecular changes that contribute to slower walking speed and increased metabolic cost of walking. This Notice of Funding Opportunity (NOFO) encourages interdisciplinary collaborations to design integrative approaches that explore interactions among multiple systems (e.g., skeletal, muscle, tendon, somatosensory, and central nervous).

Proposals are due November 7, 2024. An estimated \$3 million is available to fund up to four awards.

LINKS: Grants.gov; Solicitation

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Environmental Security Technology Certification Program (ESTCP) - Environmental Technology Demonstrations – Open Topics Broad Agency Announcement (BAA) Defense

Notice seeking white paper proposals to support the demonstration and validation of environmental and installation energy technologies.

White papers are accepted on a rolling basis until August 21, 2025. Selected applicants will be invited to submit a full proposal. An estimated \$10 million is available to fund multiple awards.

LINKS: Contract Opportunities; Agency Site

IIJA-IRA Bureau of Land Management National Operations Center (NOC) Forest and Woodlands Resource Management Interior

Notice seeking proposals that will focus on activities that promote forest and woodland health, sustainable forest management, fire resiliency, biomass utilization for bioenergy, habitat conservation needs, and insect, disease and fire recovery. These activities could include, but are not limited to: planting trees, precommercial and commercial thinning, salvage/sanitation forest treatments, control of competing vegetation, fuels reduction, riparian or upland restoration, project development and layout, planning analysis and document preparation needed in concert with or to carry out Land Use Planning Decisions, Endangered Species Act or cultural clearances, data collection, and monitoring.

Proposals are due September 30, 2024. An estimated \$800,000 is available to fund up to five awards.

LINKS: Grants.gov; Agency Site

IIJA-IRA Bureau of Land Management National Operations Center (NOC) Invasive and Noxious Plant Management Program Interior

Notice seeking proposals that support strategic efforts to combat noxious weeds and invasive species on public lands, and support the health of native landscapes. Especially encouraged are projects that help prevent, detect, and eradicate noxious weeds and invasive plant species; development of outreach and education materials to engage the public; and the development of methods or modeling to increase the detection and mapping of noxious weeds and invasive plant species.

Proposals are due September 30, 2024. An estimated \$800,000 is available to fund up to five awards.

LINKS: Grants.gov; Agency Site

IIJA-IRA Bureau of Land Management National Operations Center (NOC) Plant Conservation and Restoration Management Interior

Notice seeking proposals that advance the National Native Seed Strategy. Activities can include, but are not limited to: seed conservation, habitat monitoring, protection, and restoration; implementation of conservation for high priority rare plant species; studies of rare plant biology and threats; and studies to improve the effectiveness of conservation restoration efforts; collaboration with growers to develop genetically appropriate native plant material for use in habitat restoration and rehabilitation; pollinator studies; public education and outreach programs.

Proposals due September 30, 2024. An estimated \$800,000 is available to fund up to five awards.

LINKS: Grants.gov; Agency Site

IIJA-IRA Bureau of Land Management National Operations Center (NOC) Recreation and Visitor Services Program Interior

Notice seeking proposals for projects that build healthy communities and economies, advance environmental justice, address the climate crisis, and provide safe and equitable access to outdoor recreation opportunities for all Americans. Particularly encouraged are projects that connect with youth, tribes, and underserved communities to foster public lands stewardship; improve climate resiliency on public lands while enhancing outdoor recreation opportunities and activities; enhance access to quality recreation opportunities for nature-deprived communities; identify and remove outdoor recreation barriers and expand recreation opportunities for all; provide an enhanced, more sustainable recreational experience by delivering up-to-date and engaging visitor information.

Proposals are due September 30, 2024. An estimated \$800,000 is available to fund up to five awards.

LINKS: Grants.gov; Agency Site

IIJA-IRA Bureau of Land Management National Operations Center (NOC) Threatened and Endangered Species Program Interior

Notice seeking proposals for projects that are state or regional in scope or projects that provide a programmatic approach for improving the Bureau effectiveness or efficiency for conservation efforts for threatened and endangered species. The National Operations Center (NOC) program is looking for projects that will result in or facilitate national implementation or outreach of tangible on the ground actions that will improve species populations (numbers, representation, or resilience) or reduce population level threats, and support (NOC) Threatened and Endangered Species Program efforts to conserve and recover over 330 federally-listed and over 2,700 Bureau sensitive animal and plant species and their habitat on public lands.

Proposals are due September 30, 2024. An estimated \$800,000 is available to fund up to five awards.

LINKS: Grants.gov; Agency Site

IIJA-IRA Bureau of Land Management National Operations Center (NOC) Wildlife Resource Management Interior

Notice seeking proposals to provide for the long-term conservation of wildlife and biodiversity on public lands. The Wildlife Program particularly encourages program activities that support maintaining functioning wildlife habitats, developing, and implementing restoration projects, and the inventory and monitoring of priority habitats and species to track trends and use on public lands. The Wildlife Program uses a science-based approach to manage public lands to identify projects that support meeting land health standards and desired resource objectives for priority species and habitats, as outlined in land use plans. The program is focused on addressing habitat connectivity issues and implementing projects that consider climate change impacts to short- and long-term objectives.

Proposals are due September 30, 2024. An estimated \$800,000 is available to fund up to five awards.

LINKS: Grants.gov; Agency Site

Notice seeking proposals from applicants for graduate student research that has significant potential to contribute to NASA's goal of creating innovative new space technologies for our Nation's science, exploration, and economic future. Fellows will perform research at their respective campuses and at NASA Centers. Each recipient will be matched with a technically relevant and community-engaged NASA researcher who will serve as the research collaborator on the award. Through this collaboration, graduate students will be able to take advantage of broader and/or deeper space technology research opportunities directly related to their academic and career objectives, acquire a more detailed understanding of the potential end applications of their space technology efforts, and directly disseminate their research results within the NASA community.

Proposals due November 1, 2024. 55 awards are anticipated, and the maximum award amount is \$84,000.

LINKS: Grants.gov; Solicitation; Contract Opportunities

National Oceanographic Partnership Program (NOPP) 2024 Defense

Notice seeking research proposals across two topic areas: 1) A Global Multi-agency Experiment on Internal Wave Energy, Mixing and Interactions in the Ocean and Their Representation in Global Ocean Models and Operational Forecasts; and 2) Low-Cost, Air Deployable 400m Profiling CTD Floats for investigating submesoscale eddies – Design Study and Demonstration. CTD stands for conductivity, temperature, and depth, and refers to a package of electronic instruments that measure these properties.

Proposals are due November 22, 2024. An estimated \$23 million is available to fund multiple awards over three years.

LINKS: Grants.gov; Solicitation; Contract Opportunities

Strategic Environmental Research and Development Program (SERDP) – Open Topics Broad Agency Announcement (BAA) Defense

Notice seeking white papers for research focusing in the areas of Environmental Restoration, Munitions Response, Resource Conservation and Resilience, and Weapons Systems and Platforms technologies.

White papers are accepted on a rolling basis until August 21, 2025. Selected applicants will be invited to submit full proposals. Approximately \$10 million is available to fund multiple awards.

LINKS: Contract Opportunities; Agency Site

XENA Proposers Day Defense

Notice announcing a virtual Proposers Day to provide information to potential proposers on the objectives of an anticipated Program Solicitation (PS) for the X-Ray Extreme-Range Non-Imaging Analysis (XENA) program.

The proposers' day will be held on September 12, 2024, from 3:00 to 5:00 p.m. Advance registration is required for attending the Q&A webinar. Registrations are due by September 9, 2024.

LINKS: Contract Opportunities

Notice seeking proposals for four grant competitions: Innovations for Community Modeling; Observations; Social, Behavioral, and Economic Sciences (SBES); and Verification of the Origins of Rotation in Tornadoes Experiment in the United States. Projects should focus on advancing science and technology from research innovations to transitionable outputs or prototype products that NOAA or external partners could further develop into practical applications and operations.

Required letters of intent are due September 18, 2024. Proposals are due November 15, 2024.

LINKS: Grants.gov; Agency Site

NOAA Great Lakes Fish Habitat Restoration Partnership Grants Commerce

Notice seeking proposals to provide federal financial and technical assistance to habitat restoration projects that meet NOAA's mission to restore coastal habitats and support the Great Lakes Restoration Initiative (GLRI).

Proposals are due October 28, 2024; September 5, 2025; and September 4, 2026. Awards are up to \$5 million.

LINKS: Grants.gov

NSF Trailblazer Engineering Impact Award (Trailblazer) National Science Foundation

Notice seeking proposals to support individual investigators who propose novel research projects with the potential to innovatively and creatively address national needs and/or grand challenges, advance US leadership, and catalyze the convergence of engineering and science domains.

Required letters of intent are due November 15, 2024. An estimated \$15 million is available to fund up to five awards.

LINKS: Grants.gov; Solicitation

Puerto Rico Energy Resilience Fund: Resilient Communities Program Energy

Notice seeking proposals to improve resilience at a community level for vulnerable populations and disadvantaged communities. Specifically, this FOA is targeting installations for common areas within public or privately owned subsidized multi-family properties to ensure low- and moderate-income individuals or individuals with energy dependent disabilities (Topic Area 1) and community healthcare facilities have continuous access to critical services during power outages (Topic Area 2).

Proposals are due October 22, 2024. An estimated \$325 million is available to fund up to four awards.

LINKS: Grants.gov; Solicitation

Quantum Leap Challenge Institutes National Science Foundation

Notice seeking proposals for large-scale interdisciplinary research projects motivated by major challenges at the frontiers of quantum information science and technology (QIST). Institutes are expected to catalyze breakthroughs on important problems underpinning QIST. Two proposals per organization are allowed.

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Required letters of intent are due February 7, 2025. Required pre-proposals are due March 7, 2025. Full proposals are by invitation only. Up to \$300 million is available to fund 5 to 10 awards.

LINKS: Grants.gov; Solicitation

USASMDC Space and Missile Defense Technical Center (SMDTC) Broad Agency Announcement For Science, Technology, and Test and Evaluation Research Defense

Notice seeking proposals to supports the joint warfighter by providing science, technology, and test and evaluation expertise to enable warfighter dominance today and in the future. As part of the Army Science and Technology enterprise, the SMDTC contributes to the current fight and enables the next generation to prevail in conflicts to come. The SMDTC focuses on three essential tasks: executing science and technology, research and development, and test and evaluation; managing and operating the Ronald Reagan Ballistic Missile Defense Test Site; and conducting space operations and space domain awareness.

Required white papers are accepted until August 26, 2029 via e-mail to the contract specialist for the topic proposed against. Multiple awards are anticipated.

LINKS: Contract Opportunities

President's National Infrastructure Advisory Council Meeting Homeland Security

Notice announcing a meeting of the President's National Infrastructure Advisory Council.

The meeting will be held on September 10, 2024, from 1:00 p.m. to 5:00 p.m. EDT. The meeting will be held at 1650 17th St. NW, Washington, DC; however, members of the public may participate via teleconference only. Registrations are required by September 4, 2024.

LINKS: Federal Register

Strategic Environmental Research and Development Program Scientific Advisory Board Defense

Notice announcing a meeting of the Strategic Environmental Research and Development Program (SERDP) Scientific Advisory Board (SAB). The purpose of the meeting is for the SERDP SAB to make recommendations regarding technologies, research, projects, programs, activities, and, if appropriate, funding within the scope of SERDP FY 2025.

The meeting will be held September 16, 2024 to September 19, 2024 from 9 a.m. to 5 p.m. EDT. The meeting will be held at Hilton Arlington National Landing, 2399 Richmond Highway, Arlington, VA.

LINKS: Federal Register

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Request for Information (RFI) - Engineering Solutions to Harvest Biomass Carbon for Durable Removal and Storage (Carbon Harvesting) 
Energy
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Notice seeking input for a potential ARPA-E program focused on leveraging the zero-energy carbon dioxide capture process provided by photosynthesis to develop novel, transformational technologies that improve the energy efficiency of the carbon dioxide removal (CDR) sector. CDR activity within the U.S. and global economies is necessary to reach the net zero targets established by public and private sector actors.

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Responses should be submitted in PDF format to <u>ARPA-E-RFI@hq.doe.gov</u> by September 27, 2024.

LINKS: Grants.gov

Request for Information on the CHIPS and Science Act Section 10343. Research Ethics National Science Foundation

Notice seeking input to inform the development of the agency's response to Section 10343. Research Ethics in the CHIPS and Science Act of 2022.

Comments are due November 15, 2024.

LINKS: Federal Register; Agency Site