OFFICE OF VICE PRESIDENT FOR RESEARCH
PLEASE DISSEMINATE TO ALL FACULTY

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**Limited Submission** DOE Scientific Machine Learning for Complex Systems More details on InfoReady

**Limited Submission** NSF Accelerating Research Translation (ART) More details on InfoReady

This weekly opportunity overview is provided every Friday by McAllister & Quinn's Research Universities Practice. This comprehensive list encompasses research and development opportunities relevant to R1 and R2 institutions across the Federal government.

Thank you,

*Research Universities Practice (RUP)*

**NOTE:** Opportunities from the Inflation Reduction Act are marked - *IRA*; Opportunities from the CHIPS bill are marked - *CHIPS*; Bipartisan Infrastructure Law opportunities are marked - *BIL*.
# FUNDING OPPORTUNITIES

## GRANT, CONTRACTING, PRE-SOLICITATIONS, & OTHER FUNDING MECHANISMS

### National Science Foundation

1. [Global Centers](#)
2. [Dear Colleague Letter: Supporting Open Polar Research Software](#)
3. [Accelerating Research Translation](#)
4. [Electronics, Photonics and Magnetic Devices](#)

### Department of Health and Human Services

#### National Institutes of Health

1. [Using Multimodal Biomarkers to Differentially Diagnose ADRDs for Clinical Trials (U19 Clinical Trial Optional)](#)
2. [Sexually Transmitted Infections (STI) Cooperative Research Centers (CRC): Vaccine Development (U01 Clinical Trial Not Allowed)](#)
3. [Research Coordinating Center on the Exposome and Alzheimer's Disease (AD) and AD-Related Dementias (ADRD): Elucidating the Role of Social and Behavioral Determinants of Health in AD/ADRD Etiology and Disparities (U24 Clinical Trial Not Allowed)](#)
4. [Education Activities for Responsible Analyses of Complex, Large-Scale Data (R25 - Clinical Trial Not Allowed)](#)
5. [NIH SIREN Neurologic Clinical Trials (UG3/UH3 - Clinical Trial Required)](#)
6. [Consortium for Food Allergy Research: Leadership Center (UM1 Clinical Trial Required)](#)
7. [Consortium for Food Allergy Research: Clinical Research Center (U01 Clinical Trial Required)](#)
8. [NIH SIREN Neurologic Clinical Trials (UG3/UH3 - Clinical Trial Required)](#)
9. Education Activities for Responsible Analyses of Complex, Large-Scale Data (R25- Clinical Trial Not Allowed)
10. Discovery of the Genetic Basis of Childhood Cancers and of Structural Birth Defects: Gabriella Miller Kids First Pediatric Research Program (X01 Clinical Trial Not Allowed)
11. Collaborative Program Grant for Multidisciplinary Teams (RM1 - Clinical Trial Optional)

Administration for Community Living
1. Rehabilitation Engineering Research Centers (RERC) Program: RERC on Technologies to Support Aging Among People with Long-Term Disabilities
2. Rehabilitation Engineering Research Centers (RERC) Program: RERC on Physical Access and Transportation

Centers for Disease Control and Prevention
1. Sickle Cell Data Collection Program
2. Pregnant People-Infant Linked Longitudinal Surveillance
3. Technical Assistance Services and Programmatic Support to Address National TB Program Needs and Priorities Towards Their Efforts to End TB
4. Supporting Continuous Quality Improvement, Partnerships, and Innovation for Sustained and Responsive Laboratory Systems, Tiered Diagnostic Networks, and Laboratory Data Management under the President’s Emergency Plan for AIDS Relief (PEPFAR)

Department of Energy
1. Water Research and Development for Oil and Gas Produced Water and Coal Combustion Residuals Wastewater Associated with Coal Power Plants
3. FY23 Reducing Agricultural Carbon Intensity and Protecting Algal Crops (RACIPAC)
4. Onsite Energy Technical Assistance Partnerships
Department of Defense

1. NDEP STEM Open NFO
2. Innovation, Integration, and Information Support (3IS) III

Congressionally Directed Medical Research Programs

1. Drug for Prompt Treatment of Hemorrhagic Shock in Humans
2. DOD Amyotrophic Lateral Sclerosis, Therapeutic Development Award
3. DOD Amyotrophic Lateral Sclerosis, Clinical Biomarker Development Award
4. DOD Amyotrophic Lateral Sclerosis, Therapeutic Idea Award
5. DOD Amyotrophic Lateral Sclerosis, Pilot Clinical Trial Award
6. DoD Breast Cancer, Breakthrough Award Levels 1 and 2
7. DoD Breast Cancer, Breakthrough Award Level 3
8. DoD Breast Cancer, Breakthrough Award Level 4
9. DoD Breast Cancer, Clinical Research Extension Award
10. DoD Breast Cancer, Innovator Award
11. DoD Breast Cancer, Transformative Breast Cancer Consortium Award
12. DOD Epilepsy, Virtual Post-Traumatic Epilepsy Research Center Faculty Award
13. DOD Epilepsy, Idea Development Award
14. DOD Epilepsy, Research Partnership Award
15. DOD Epilepsy, Leveraging Research Award

National Aeronautics and Space Administration

1. MUREP Space Technology Artemis Research (M-STAR) Implementation Awards

Department of Justice

1. NIJ FY23 Research and Evaluation on Violence Against Women
2. BJA FY 23 Postconviction Testing of DNA Evidence
3. NIJ FY23 Research and Evaluation on the Administration of Justice: Advancing Access to Justice 60 Years after Gideon
4. NIJ FY23 Research and Evaluation on Domestic Radicalization and Violent Extremism
5. Department of Justice
6. NIJ FY23 Research and Evaluation on Trafficking in Persons
7. NIJ FY23 Research and Evaluation on Firearms Violence and Mass Shootings

### Department of Education

1. OSEP: Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities: Center on Dispute Resolution, Assistance Listing Number 84.326X

### Department of Agriculture

1. Agriculture and Food Research Initiative Competitive Grants Program Foundational and Applied Science Program

### FORECASTED

### Department of Health and Human Services
Centers for Disease Control and Prevention

1. The National Network of Sexually Transmitted Diseases Clinical Prevention Training Centers (NNPTC) Program Supplement
2. Centers for Outbreak Analytics and Disease Modeling
3. The Sudden Unexpected Infant Death (SUID) and Sudden Death in the Young (SDY) Case Registry

### Department of Energy
1. [Notice of Intent to issue Funding Opportunity Announcement No. DE-FOA-0002978 entitled Tribal College and University (TC&U)]

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## ADVISORY COMMITTEE MEETINGS

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<td>1. Planetary Science Advisory Committee</td>
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## REQUESTS FOR NOMINATIONS

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## REQUESTS FOR INFORMATION

### Department of Health and Human Services

1. Promising Practices for Advancing Health Equity for Intersex Individuals

### National Institutes of Health


### Department of Energy

1. RFI on the Foundation for Energy Security and Innovation (FESI) - CHIPS
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| Department of Energy | 2. RFI on the Department of Energy's Use of Demand-Side Support for Clean Energy Technologies - **BIL**  
          1. **Request For Information on Rethinking Energy Storage Technologies for Planes, Trains & Ships “Battery 1k”** |
| Department of Defense | 1. **Highly Dexterous Manipulation – Robotic arm(s)**  
          Defense Advanced Research Projects Agency  
          1. **Request for Information (RFI) Efficient reduction of carbon and nitrogen at point of need** |
| National Aeronautics and Space Administration | 1. **Neutral Buoyancy Laboratory (NBL) Operations Contract II (NOC II) Sources Sought Synopsis/Request for Information (RFI)** |