OFFICE OF VICE PRESIDENT FOR RESEARCH
PLEASE DISSEMINATE TO ALL FACULTY

This weekly opportunity overview is provided 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. Faculty Development in geoSpace Science
2. Combustion and Fire Systems
3. Growing Research Access for Nationally Transformative Equity and Diversity (GRANTED)
4. Faculty Development in geoSpace Science (FDSS)
5. Computer and Information Science and Engineering (CISE) Research Initiation Initiative
<table>
<thead>
<tr>
<th>Number</th>
<th>Project Title</th>
<th>Type of Funding</th>
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<tr>
<td>1</td>
<td>Clinical Trial Readiness for Rare Diseases, Disorders, and Syndromes (R21 Clinical Trial Not Allowed)</td>
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<td>2</td>
<td>BRAIN Initiative: Integration and Analysis of BRAIN Initiative Data (R01 Clinical Trial Not Allowed)</td>
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<td>3</td>
<td>Centers of Excellence in Genomic Science (RM1 Clinical Trial Optional)</td>
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<td>4</td>
<td>Exploratory Clinical Neuroscience Research on Substance Use Disorders (R61/R33 Basic Experimental Studies with Humans (BESH) Required)</td>
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<td>5</td>
<td>Exploratory Clinical Neuroscience Research on Substance Use Disorders (R61/R33 Clinical Trial Optional)</td>
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<td>6</td>
<td>Understanding Expectancies in Cancer Symptom Management (R01 Clinical Trial Required)</td>
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<td>7</td>
<td>Institutional Training Programs to Advance Translational Research on Alzheimer's Disease (AD) and AD-Related Dementias (ADRD) (T32 Clinical Trial Not Allowed)</td>
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<td>8</td>
<td>Development and Validation of Models for Alzheimers Disease-Related Dementias (ADRD) (R61/R33 - Clinical Trial Not Allowed)</td>
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<td>9</td>
<td>Catalytic Tool and Technology Development in Kidney, Urologic, and Hematologic Diseases (R21 Clinical Trial Not Allowed)</td>
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<td>10</td>
<td>Development and Application of PET and SPECT Imaging Ligands as Biomarkers for Drug Discovery and for Pathophysiological Studies of CNS Disorders (R01 Clinical Trial Optional)</td>
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<td>11</td>
<td>Development and Application of PET and SPECT Imaging Ligands as Biomarkers for Drug Discovery and for Pathophysiological Studies of CNS Disorders (R01 Clinical Trial Not Allowed)</td>
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<td>12</td>
<td>Understanding Persistent Oral Human Papillomavirus and Human Immunodeficiency Virus Co-infection and Its Role with Oropharyngeal Cancer Induction (R01 Clinical Trial Not Allowed)</td>
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<td>Understanding Persistent Oral Human Papillomavirus and Human Immunodeficiency Virus Co-infection and Its Role with Oropharyngeal Cancer Induction (R21 Clinical Trial Not Allowed)</td>
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<td>Fundamental Research to Understand the Mechanisms of Neurotropic Virus-mediated Disease (R01 Clinical Trial Not Allowed)</td>
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<td>15</td>
<td>Developing Measures to Advance Quality in Mental Health Care Services (R01 Clinical Trial Not Allowed)</td>
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**Administration for Children and Families**

2. National Communication System for Runaway and Homeless Youth Program
3. Center for Research on Hispanic Children and Families

Center for Disease Control and Prevention

1. Essentials for Childhood (EfC): Preventing Adverse Childhood Experiences through Data to Action
2. Increasing Public Awareness and Provider Education About Primary Immunodeficiency Disease

Health Resources and Services Administration

4. State Maternal Health Innovation Program

Department of Energy

1. SMALL INNOVATIVE PROJECTS IN SOLAR: CONCENTRATING SOLAR POWER AND PHOTOVOLTAIC (SIPS: CSP & PV)
2. Domestic Near Net Shape Manufacturing to Enable a Clean and Competitive Economy
3. Industrial Assessment Center (IAC) Program -BIL

Department of Defense

2. Innovation, Science & Technology (IS&T) Broad Agency Announcement (BAA)
3. Reimagining Security with Cyberpsychology-Informed Network Defenses (ReSCIND) Program BAA
4. FY23 BAA FOR INNOVATIVE ENVIRONMENTAL TECHNOLOGIES AND METHODOLOGIES

Congressionally Directed Medical Research Programs

1. DOD Lung Cancer, Patient-Centered Outcomes and Survivorship Award
Defense Advanced Research Projects Agency

1. [Magnetic High Temperature Sensors (MagHITS)](#)

Department of Commerce

1. [Public Wireless Supply Chain Innovation Fund Grant Program - Expanding Testing and Evaluation](#)
2. [2023 STEM Talent Challenge](#)

National Oceanic and Atmospheric Administration

1. [Ocean Exploration Fiscal Year 2024 Funding Opportunity](#)

Department of Agriculture

Animal and Plant Health Inspection Service

1. [Farmed Cervid Chronic Wasting Disease Management and Response Activities 2023 Cooperative Agreements](#)
2. [Wild Cervid Chronic Wasting Disease Management and Response Activities 2023 Cooperative Agreements](#)

Forest Service

1. [2023 Inflation Reduction Act for Urban and Community Forestry -IRA](#)

Natural Resources Conservation Service

1. [Organic Assistance Specialists](#)

National Aeronautics and Space Administration

1. [ROSES 2023: F.18 NASA Innovation Corps](#)

Department of Justice

1. [FY 2023 Law Enforcement Core Statistics (LECS) Program](#)
2.  [Child Victims and Witnesses Support Materials: Outreach and Implementation Project](#)
3.  [BJA FY 23 Prison Rape Elimination Act Resource Center](#)
4.  [FY 2023 Annual Survey of Jails in Indian Country, 2024-27](#)

**Department of Transportation**

1.  [Pipeline Safety Research and Development](#)

**FORECASTED**

**Department of Health and Human Services**

National Institutes of Health

1.  [PATC³-H-IN Implementation Science Coordinating Center (UM2 Clinical Trial Optional)](#)
2.  [Advancing Genomic Medicine Research (R01 Clinical Trial Optional)](#)
3.  [Advancing Genomic Medicine Research (R21 Clinical Trial Optional)](#)

**Center for Disease Control and Prevention**

1.  [Research Grants to Identify Effective Community-Based Strategies for Overdose Prevention (R01)](#)

**Department of Energy**

1.  [WETO Offshore Wind 2023 Centers of Excellence](#)

**Department of Defense**

1.  [Electronic and Optoelectronic Research for the Electronics Science and Technology Division](#)
### ADVISORY COMMITTEE MEETINGS

**Department of Commerce**

1. [Space Weather Advisory Group](#)

**National Aeronautics and Space Administration**

1. [National Space-Based Positioning, Navigation, and Timing Advisory Board](#)

### INDUSTRY AND PROPOSER DAYS

**Department of Defense**

Defense Advanced Research Projects Agency

1. [Tellus Proposers Day](#)

### WORKSHOPS

**National Science Foundation**

1. [Proposal Preparation Webinar DCL Catalyzing Institutional Change to Support Greater Equity, Inclusion, and Access in STEM Academic Careers and Advance Degree Attainment -CHIPS](#)
2. [CISE Global Centers Webinar](#)

**Department of Commerce**

National Institute of Standards and Technology

1. [Existence and Use of Large Datasets To Address Research Questions for Characterization and Autonomous Tuning of Semiconductor Quantum Dot Devices](#)

### REQUESTS FOR NOMINATIONS

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<td>1. Technical Advisory Committees</td>
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<td>National Institutes of Health</td>
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<td>1. Food is Medicine Research Opportunities</td>
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<td>2. Understanding the Creation, Continuation, and Consequences of Illicit Drug Markets</td>
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<td>1. Domestic Manufacturing Conversion Grants for Electrified Vehicles -IRA</td>
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<td>2. Scaling the U.S. Solar Manufacturing Workforce RFI</td>
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<td>3. Request for Information for Innovative Advanced Transformers</td>
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