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<tr>
<th>Sponsor</th>
<th>DOE/OS</th>
<th>External Link</th>
<th>Anticipated Deadlines</th>
<th>Internal: Dec 10, 2020</th>
<th>Sponsor: Jan 14, 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Award Info:</td>
<td>DOE anticipates that award sizes will range from $2,000,000 per year to $4,000,000 per year. Awards are expected to be made for a period up to four years.</td>
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<tr>
<td>Description:</td>
<td>Applications will be required to address priority research directions and opportunities identified in recent BES workshop and roundtable reports, the scientific grand challenges identified in the report Directing Matter and Energy: Five Challenges for Science and the Imaginati and the opportunities...</td>
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<tr>
<th>Sponsor</th>
<th>NSF</th>
<th>External Link</th>
<th>Anticipated Deadlines</th>
<th>Internal: May 1, 2020</th>
<th>Sponsor: Jun 24, 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Award Info:</td>
<td>Individual MRSEC awards are expected to range in size from approximately $2.6 million/year for a 2-IRG MRSEC to a maximum of $4 million/year for a 3-IRG MRSEC. Awards will be made for an initial duration of up to six years.</td>
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<tr>
<td>Description:</td>
<td>The nature of materials research demands mechanisms to support interdisciplinary collaboration for the conception and execution of ide and for developing the capabilities to sustain our nation's competitiveness in the production of new technology and products based on advances in materials research...</td>
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| Sponsor | WTGrant | |
|---------|---------|
### Mallinckrodt Grant

**Sponsor:** Mallinckrodt  
**Deadline:** Internal: Jun 1, 2020  
**Sponsor:** Aug 1, 2020  
**Limited Submission:** Limit: 1  
**Award Info:** The regular grants provide $60,000 per year for a period of up to three years. No indirect costs are allowed.  
**Description:** The mission of the Foundation is to support early stage investigators engaged in basic biomedical research that has the potential to significantly advance the understanding, diagnosis or treatment of disease.  

*View Opportunity Details*  

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### ADVANCE: Organizational Change for Gender Equity in STEM Academic Professions

**Sponsor:** NSF  
**Deadline:** Internal: Jul 3, 2020  
**Sponsor:** Aug 3, 2020  
**Limited Submission:** Limit: 1  
**Award Info:** Approximately two Institutional Transformation awards up to $3,000,000 for five-year projects are expected to be made under this solicitation. In each year, NSF expects to make: approximately six Adaptation awards up to $1,000,000 for three years; approximately six Partnership awards up to $1,000,000…  
**Description:** All NSF ADVANCE proposals are expected to take an intersectional approach regarding the salient categories of social identity for the proposal. Specifically, proposers should recognize that gender, race and ethnicity do not exist in isolation from each other and other categories of social identity, such as…  

*Apply  View Opportunity Details*  

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### Sloan Research Fellowships

**Sponsor:** Sloan  
**Deadline:** Internal: Jul 16, 2020  
**Sponsor:** Sep 15, 2020  
**Limited:** Limit: 3  
**Award Info:** Each year, four to six Scholars are selected and each receives up to $350,000, distributed over five years. Awards begin July 1 and are made to the applicant’s institution.  
**Description:** The William T. Grant Scholars Program supports career development for promising early-career researchers. The program funds five-year research and mentoring plans that significantly expand researchers’ expertise in new disciplines, methods, and content areas. Researchers interested in applying…  

*View Opportunity Details*
### Research Experiences for Teachers (RET) in Engineering and Computer Science

**Sponsor:** NSF  
[External Link](#)

**Deadlines:**  
Internal: Jul 11, 2020  
Sponsor: Sep 16, 2020

**Limited Submission**  
Limit: 3  
Applied: 0

**Award Info:**  
It is anticipated that approximately 9 Site awards will be made per year. The maximum total request for a Site is $600,000 for a duration of three years.

**Description:**  
NSF’s Directorate for Engineering (ENG) and the Directorate for Computer and Information Science and Engineering (CISE) have joined to support the Research Experiences for Teachers (RET) in Engineering and Computer Science program. This program supports active long-term collaborative partnerships between...

### WiSTEM2D Scholars Award

**Sponsor:** Johnson & Johnson  
[External Link](#)

**Anticipated Deadlines:**  
Internal: Sep 3, 2020  
Sponsor: Oct 3, 2020

**Limited Submission**  
Limit: 1  
Applied: 0

**Award Info:**  
$50,000 per year of the three-year scholarship period

**Description:**  
The Johnson & Johnson Scholars Award Program aims to fuel development of female STEM2D leaders and feed the STEM2D talent pipeline by awarding and sponsoring women at critical points in their careers, in each of the STEM2D disciplines: Science, Technology, Engineering, Math, Manufacturing and Design.

### Summer Stipends

**Sponsor:** NEH  
[External Link](#)

**Deadlines:**  
Internal: Aug 1, 2020  
Sponsor: Sep 23, 2020

**Limited Submission**  
Limit: 2  
Applied: 0

**Award Info:**  
The Summer Stipends program provides $6,000 to support continuous full-time work on a humanities project for a period of performance two consecutive months.

Summer Stipends are awarded to individual scholars. Organizations are not eligible to apply.
**Description:** Summer Stipends support individuals pursuing advanced research that is of value to humanities scholars, general audiences, or both.

Eligible projects usually result in articles, monographs, books, digital materials and publications, archaeological site reports, translations, editions. Projects...

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**YOUNG-INVESTIGATOR**

**NIH Director's Early Independence Award (DP5 - Clinical Trial Optional)**

- **Sponsor:** NIH [External Link](#)
- **Deadlines:**
  - Internal: Aug 4, 2020
  - Sponsor: Sep 4, 2020
- **Limited Submission:**
  - Limit: 2
  - Applied: 0

- **Award Info:** Awards will be for up to $250,000 in direct costs per year, plus applicable Facilities and Administrative (F&A) costs. Maximum 5 years.

- **Description:** The NIH Director’s Early Independence Award supports exceptional investigators who wish to pursue independent research essentially directly after completion of their terminal doctoral/research degree or end of post-graduate clinical training, thereby forgoing the traditional post-doctoral training period.

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**FACULTY**

**Advancing Digitization of Biodiversity Collections (ADBC) (Thematic Collections Networks)**

- **Sponsor:** NSF [External Link](#)
- **Deadlines:**
  - Internal: Aug 12, 2020
  - Sponsor: Oct 9, 2020
- **Limited Submission:**
  - Limit: 1
  - Applied: 0

- **Award Info:** Budgets for TCN proposals should reflect the scope of work proposed and should not exceed four years in duration.

- **Description:** Thematic Collections Network (TCN) proposals will be submissions for two-to-four year awards to digitize existing specimens based on a particular research theme. This research theme may be a grand challenge for biodiversity, a part of a grand challenge, or another important research theme requiring information.

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**FACULTY**

**Advancing Informal STEM Learning (AISL)**

- **Sponsor:** NSF [External Link](#)
- **Anticipated Deadlines:**
  - Internal: Oct 1, 2020
  - Sponsor: Nov 6, 2020
- **Limited Submission:**
  - Limit: 3
  - Applied: 0

- **Award Info:** Limits for funding requests of AISL proposals are as follows: (1) Pilots and Feasibility projects: up to $300,000 with durations up to two years; (2) Research in Service to Practice projects: from $300,000 to $2,000,000 with durations from two to five years; (3) Innovations in Development projects: $500,000...

- **Description:** The AISL program is situated within the Division of Research on Learning in Formal and Informal Settings (DRL). DRL's mission is to cultivate and catalyze fundamental and applied research and development (R&D) to improve the learning of science, technology, engineering, and mathematics for the nation.
**FACULTY**

**Improving Undergraduate STEM Education: Pathways into Geoscience (IUSE: GEOPATHS)**

- **Sponsor**: NSF
- **Deadlines**:
  - Internal: Oct 1, 2020
  - Sponsor: Nov 17, 2020
- **Limited Submission**
  - Limit: 1
  - Applied: 0
- **Award Info**: Average total award size expected to be in the $300,000 to $350,000 range. The duration of awards for both tracks will be up to 36 months.
- **Description**: The IUSE: GEOPATHS funding opportunity invites creative proposals to broaden and strengthen the pathways that will engage and retain diverse students in undergraduate and graduate geoscience degree programs and help them receive the necessary skills and competencies for a variety of careers pathways.

**FACULTY**

**IUSE / Professional Formation of Engineers: Revolutionizing Engineering Departments (IUSE/PFE: RED)**

- **Sponsor**: NSF
- **Deadlines**:
  - Internal: Jan 1, 2021
  - Sponsor: Feb 7, 2021
- **Limited Submission**
  - Limit: 2
  - Applied: 0
- **Award Info**: Estimated Number of Awards: 2-3 RED Innovation awards are anticipated; the budget for RED Innovation proposals is between $1,000,000-$2,000,000 for a duration of up to 5 years. 2-3 RED-A&I awards are anticipated; the budget for RED A&I proposals has a maximum of $1,000,000 for a duration of up...
- **Description**: The goal of the RED program is to catalyze revolutionary, not incrementally reformist, changes to the education of the next generation of engineers. Revolutionary means radically, suddenly, or completely new; producing fundamental, structural change; or going outside of or beyond existing norms and principles.

**FACULTY**

**Camille Dreyfus Teacher-Scholar Awards**

- **Sponsor**: Dreyfus
- **Deadlines**:
  - Internal: Dec 15, 2020
  - Sponsor: Feb 6, 2021
- **Limited Submission**
  - Limit: 1
  - Applied: 0
- **Award Info**: Provides a $100,000 unrestricted research grant. Of the total amount, $7,500 is for departmental expenses associated with research and education. Charges associated with indirect costs or institutional overhead are not allowed. Defrayal of academic-year salary is not permitted. Funds are normally expended...
- **Description**: The Camille Dreyfus Teacher-Scholar Awards Program supports the research and teaching careers of talented young faculty in the chemical sciences. Based on institutional nominations, the program provides discretionary funding to faculty at an early stage in their careers. Criteria for selection include...
### Harnessing the Data Revolution (HDR): Data Science Corps (DSC)

**Sponsor:** NSF  
**Anticipated Deadlines:** Internal: Dec 10, 2020  
Sponsor: Feb 14, 2021  
**Limited Submission:** Limit: 1  
Applied: 0

**Award Info:** Awards will typically be in the range of $1,000,000 to $1,200,000 for 3 years.

**Description:** The objective of the Data Science Corps is to help build a strong, national data science infrastructure and workforce. By engaging data science students and professionals in real-world data science implementation projects, the Data Science Corps aims to help bridge the data-to-knowledge gap in organizations.

### Ethical and Responsible Research (ER2)

**Sponsor:** NSF  
**Deadlines:** Internal: Dec 31, 2020  
Sponsor: Feb 22, 2021  
**Limited Submission:** Limit: 1  
Applied: 0

**Award Info:** The maximum amount for 5-year awards is $600,000 (including indirect costs) and the maximum amount for 3-year awards is $400,000 (including indirect costs). The average award is $275,000.

**Description:** Ethical and Responsible Research (ER2) funds research projects that identify (1) factors that are effective in the formation of ethical STEM researchers and (2) approaches to developing those factors in all STEM fields that NSF supports. ER2 solicits proposals for research that explores the following.

### Science and Technology Centers (STC): Integrative Partnerships

**Sponsor:** NSF  
**Anticipated Deadlines:** Internal: May 1, 2020  
Sponsor: Jun 25, 2020  
**Limited Submission:** Limit: 3  
Applied: 0

**Award Info:** Up to a total of $25 million may be available, pending the availability of funds, for first-year support of newly funded Centers beginning in FY 2021. NSF expects to make up to 5 awards, contingent on availability of funds and receipt of competitive proposals. Each award will be made as a cooperative...

**Description:** The Science and Technology Centers (STC): Integrative Partnerships program supports exceptionally innovative, complex research and education projects that require large-scale, long-term awards. STCs focus on creating new scientific paradigms, establishing entirely new scientific disciplines, and developing...

### NIH Science Education Partnership Award (SEPA) (R25)

**Sponsor:** NIH
**Anticipated Deadlines**

Internal: Jun 1, 2020  
Sponsor: Jul 14, 2020

**Award Info:**
Direct costs are limited to $250,000 annually. Maximum 5 years. Indirect costs are capped at 8%.
Due dates: July 14, 2020; July 13, 2021; July 13, 2022

**Description:**
The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The overarching goal of this R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral...

View Opportunity Details

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**FACULTY**  
**Research Program**

**Sponsor**  
WMKeck  
[External Link](#)

**Deadlines**
Internal: Mar 1, 2020  
Sponsor: May 1, 2020

**Limited Submission**
Limit: 1  
Applied: 0

**Award Info:**
Grants range from $500,000 to $5 Million and are typically $2 million or less.

**Description:**
The Research Program seeks to benefit humanity by supporting projects in two specific areas (1) medical research and (2) science and engineering, that are distinctive and novel in their approach, question the prevailing paradigm, or have the potential to break open new territory in their field.

View Opportunity Details

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**YOUNG-INV**  
**2020 Early Clinical Investigator Award**

**Sponsor**  
CPRIT  
[External Link](#)

**Anticipated Deadlines**
Internal: Oct 23, 2020  
Sponsor: Jan 15, 2021

**Limited Submission**
Limit: 2  
Applied: 0

**Award Info:**
Awards of up to $1,500,000 for up to 5 years to physicians within the first 5 years of an appointment as an assistant professor to acquire additional skills and experience in clinical research and to develop preliminary data that can be used to prepare applications for future research project grants...

**Description:**
The Early Clinical Investigator Award specifically targets physicians with the following:
- Are within the first 5 years of a faculty appointment at the assistant professor level.  
- Have completed specialty training relevant to cancer care, detection, or prevention and are eligible to be certified...

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**FACULTY**  
**Ethical and Responsible Research (ER2)**

**Sponsor**  
NSF  
[External Link](#)

**Deadlines**
Internal: Jan 2, 2020  
Sponsor: Feb 24, 2020
Award Info: The maximum amount for 5-year awards is $600,000 (including indirect costs) and the maximum amount for 3-year awards is $400,000 (including indirect costs). The average award is $275,000.

Description: ER2 research projects will use basic research to produce knowledge about what constitutes or promotes responsible or irresponsible conduct of research, and how to best instill this knowledge into researchers and educators at all career stages. In some cases, projects will include the development of interventions...

View Opportunity Details

FACULTY Grants for Arts Projects

Sponsor NEA

Deadlines Internal: Jan 13, 2020
Sponsor: Feb 13, 2020

Limited Submission

Award Info: Matching grants generally will range from $10,000 to $100,000. No grants will be made below $10,000. In the past few years, well over half of the agency’s grants have been for amounts less than $25,000.

Part 1 - Submit to Grants.gov - February 13, 2020 at 11:59 p.m., Eastern Time

Description: The National Endowment for the Arts is committed to supporting activities that reflect the dynamic, diverse, and evolving nature of the media arts field. Applicants may apply in this Grants for Arts Projects category for media arts projects that support creation, exhibition, education, and distribution...

View Opportunity Details

FACULTY CHALLENGE AMERICA: Grant Program

Description

Sponsor NEA

Deadlines Internal: Mar 9, 2020
Sponsor: Apr 9, 2020

Award Info: Matching grant. Fixed amount of $10,000 and require a minimum $10,000 cost share/match.

Description: The Challenge America category offers support primarily to small and mid-sized organizations for projects that extend the reach of the arts to underserved populations – those whose opportunities to experience the arts are limited by geography, ethnicity, economics, or disability. Age alone (e.g., youth,...

View Opportunity Details

FACULTY 2020 National Science Foundation Research Traineeship (NRT) Program

Sponsor NSF

Deadlines Internal: Sep 6, 2020
Sponsor: Dec 6, 2020

Limited
**Award Info:**
NRT Awards (14-15 anticipated each year) are expected to be up to five (5) years in duration with a total budget up to $3,000,000.

**Description:**
Required LOI due Dec 6. Full proposal due February 6.

The NRT Program is dedicated to supporting highly effective training of STEM graduate students in high priority interdisciplinary or convergent research areas through the use of comprehensive traineeship models that are innovative...

**Award Info:**
The award amount provided by ORAU is $5,000. The applicant’s institution is required to match the award with at least an additional $5,000.

**Description:**
Eligibility for the Powe Awards is open to full-time assistant professors at ORAU member institutions within two years of their initial tenure track appointment at the time of application.

**Award Info:**
Ranges based on sub-topic area.

**Description:**
AMO supports innovative, advanced-manufacturing applied research and development (R&D) projects that focus on specific, high-impact manufacturing technology and process challenges. AMO invests in foundational, energy-related, advanced-manufacturing processes (where energy costs are a determinant...

**Award Info:**
The budget for PFI-RP proposals is up to $550,000 for 36 months. Approximately 10-15 awards are anticipated. Deadlines in January and July 2020.
### Description:
The Research Partnerships (PFI-RP) track seeks to achieve the same goals as the PFI-TT track by supporting instead complex, multi-faceted technology development projects that are typically beyond the scope of a single researcher or institution and require a multi-organization interdisciplinary, synergistic approach.

### Apply View Opportunity Details

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<td>Deadlines</td>
<td>Internal: Oct 20, 2020&lt;br&gt;Sponsor: Jan 19, 2021</td>
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<tr>
<td><strong>Limited Submission</strong></td>
<td>Limit: 3&lt;br&gt;Applied: 0</td>
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### Award Info:
No more than two submissions are permitted in Track 1 (Track 1 proposals are those requesting from NSF $100,000 to less than $1 million) and no more than one submission is permitted in Track 2 (Track 2 proposals are those requesting from NSF $1 million up to and including $4 million).

### Description:
The Major Research Instrumentation (MRI) Program serves to increase access to multi-user scientific and engineering instrumentation for research and research training in our Nation's institutions of higher education and not-for-profit scientific/engineering research organizations. An MRI award supports...
### National Quantum Information Science Research Centers

**Sponsor**: DOE

**Deadlines**
- Internal: Mar 10, 2020
- Sponsor: Apr 10, 2020

**Limited Submission**
- Limit: 1
- Applied: 1
- Selected: Reza Moheimani

**Award Info**: DOE anticipates that the total value of awards over a five-year project period made under this FOA will be between $100 million and $625 million, subject to the availability of future year appropriations.

Pre-applications are required and must be submitted by 02/10/2020. A response encouraging...

**Description**: DOE SC hereby announces its interest in receiving applications from multi-institutional, multi-disciplinary teams (requesting support between $10 and $25 million per year) to establish National Quantum Information Science Research Centers referred to in the rest of this announcement as “Centers.”...

### Support for Alcohol Law Enforcement to Prevent Impaired Driving

**Sponsor**: DOT/National Highway Traffic Safety Administration

**Deadlines**
- Internal: Apr 16, 2020
- Sponsor: May 13, 2020

**Limited Submission**
- Limit: 1
- Applied: 1
- Selected: Marjorie Zielke

**Award Info**: A total of $500,000.00 is available to fund up to one (1) discretionary Cooperative Agreement. NHTSA will only accept one (1) application from each eligible applicant.

**Description**: The purpose of the Cooperative Agreement (CA) is to develop and measure the effectiveness of a demonstration program that improves training and technical assistance available to Alcohol Law Enforcement (ALE) Agencies.

### Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES)

**Sponsor**: NSF

**Deadlines**
- Internal: Aug 5, 2020
- Sponsor: Oct 5, 2020

**Limited Submission**
- Limit: 1
- Applied: 0

**Award Info**: NSF anticipates making up to three Alliance awards with a duration of five years, contingent on availability of funds and receipt of competitive proposals. Awards will range from $1.0 to $2.0 million per year for five years depending on the goals, objectives, and the size the communities involved.

**Description**: NSF INCLUDES is distinguished by its focus on new networks, systems, and partnerships; its approach to using data for change; and its focus on communicating impacts and results at scale. The initiative is fostering the creation of exemplars for designing, implementing, studying, and refining collaborative...
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<th>NIH <a href="#">External Link</a></th>
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| Deadlines | Internal: Aug 1, 2020  
Sponsor: Sep 4, 2020 |
| Limited Submission | Limit: 2  
Applied: 0 |

| Award Info: | Awards will be for up to $250,000 in direct costs per year, plus applicable Facilities and Administrative (F&A) costs. The project period is limited to five years. |
| Description: | The NIH Director’s Early Independence Award (a component of the High-Risk, High-Reward Research program of the NIH Common Fund) supports exceptional junior investigators who wish to pursue independent research soon after completion of their terminal doctoral degree or post-graduate clinical training. |

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