### Henry Dreyfus Teacher-Scholar Awards Program

**Sponsor:** Dreyfus  
**Deadlines:** Internal: Jun 28, 2020  
**Limited Submission:** Limit: 1  
**Award Info:** The Henry Dreyfus Teacher-Scholar Award provides a $75,000 unrestricted research grant. Of the total amount, $5,000 is to be allocated for departmental expenses associated with research and education. Charges associated with indirect costs or institutional overhead are not allowed. Defrayal of academic-year...  
**Description:** The Henry Dreyfus Teacher-Scholar Awards Program supports the research and teaching careers of talented young faculty in the chemical sciences at undergraduate institutions. Based on institutional nominations, the program provides discretionary funding to faculty at an early stage in their careers. ardees...

### Energy Frontier Research Centers

**Sponsor:** DOE/OS  
**Anticipated Deadlines:** Internal: Dec 10, 2020  
**Limited Submission:** Limit: 2  
**Award Info:** 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  
**Description:** 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...

### Materials Research Science and Engineering Centers (MRSEC)

**Sponsor:** NSF  
**Anticipated Deadlines:** Internal: May 1, 2020  
**Limited Submission:** Limit: 1  
**Award Info:** 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.  
**Description:** 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...

### William T. Grant Scholars Program

**Sponsor:** WTGrant
**Mallinckrodt Grant**

- **Sponsor**: Mallinckrodt
- **Deadlines**
  - Internal: Jun 19, 2020
  - Sponsor: Aug 1, 2020
- **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.

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

- **Sponsor**: NSF
- **Deadlines**
  - Internal: Jul 3, 2020
  - Sponsor: Aug 3, 2020
- **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 project. Specifically, proposers should recognize that gender, race and ethnicity do not exist in isolation from each other and other categories of social identity, such...

**Sloan Research Fellowships**

- **Sponsor**: Sloan
- **Deadlines**
  - Internal: Jul 16, 2020
  - Sponsor: Sep 15, 2020
- **Limited Submission**: Limit: 3
**Research Experiences for Teachers (RET) in Engineering and Computer Science**

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

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

**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 up to 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...  
[Apply]  
[View Opportunity Details](#)

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**WiSTEM2D Scholars Award**

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

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

**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.  
[Apply]  
[View Opportunity Details](#)

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**Summer Stipends**

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

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

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

Summer Stipends are awarded to individual scholars. Organizations are not eligible to apply.  
[Apply]  
[View Opportunity Details](#)
### 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...

### Apply
View Opportunity Details

### Sponsor
NIH
External Link

### Deadlines
Internal: Aug 4, 2020
Sponsor: Sep 4, 2020

### 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...

### Apply
View Opportunity Details

### Sponsor
NSF
External Link

### Deadlines
Internal: Aug 12, 2020
Sponsor: Oct 9, 2020

### 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...

### Apply
View Opportunity Details

### Sponsor
NSF
External Link

### Deadlines
Internal: Oct 1, 2020
Sponsor: Nov 6, 2020

### Anticipated Deadlines

### 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...
### 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.

### 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.

### 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...
<table>
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<tr>
<th>Facility</th>
<th>Harnessing the Data Revolution (HDR): Data Science Corps (DSC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sponsor</td>
<td>NSF</td>
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</tbody>
</table>
| 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... |
| Apply | View Opportunity Details |

<table>
<thead>
<tr>
<th>Facility</th>
<th>Ethical and Responsible Research (ER2)</th>
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</thead>
<tbody>
<tr>
<td>Sponsor</td>
<td>NSF</td>
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</table>
| 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 STEI researchers and (2) approaches to developing those factors in all STEM fields that NSF supports. ER2 solicits proposals for research that explores the following... |
| Apply | View Opportunity Details |

<table>
<thead>
<tr>
<th>Facility</th>
<th>Science and Technology Centers (STC): Integrative Partnerships</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sponsor</td>
<td>NSF</td>
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</tbody>
</table>
| 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... |
| View Opportunity Details | |

<table>
<thead>
<tr>
<th>Facility</th>
<th>NIH Science Education Partnership Award (SEPA) (R25)</th>
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<tr>
<td>Sponsor</td>
<td>NIH</td>
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<td>External Link</td>
<td></td>
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</tbody>
</table>
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...

Apply View Opportunity Details

FACULTY Ethical and Responsible Research (ER2)

Sponsor: NSF
External Link

Deadlines: Internal: Jan 2, 2020
Sponsor: Feb 24, 2020

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: 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
External Link

Deadlines: Internal: Jun 19, 2020
Sponsor: Jul 9, 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 the agency’s grants have been for amounts less than $25,000.

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...

Apply › View Opportunity Details

FACULTY 2020 National Science Foundation Research Traineeship (NRT) Program

Sponsor NSF

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

Limited Submission

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,...

Apply › View Opportunity Details

YOUNG-INV 2020 Ralph E. Powe Junior Faculty Enhancement Awards

Sponsor ORAU

Anticipated Deadlines Internal: Nov 1, 2020
Sponsor: Jan 8, 2021

Limited Submission

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. This is a one-year grant (June 1 to May 31).

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.

Apply › View Opportunity Details

FACULTY Advanced Manufacturing Office Multi-Topic FOA

Sponsor DOE

Deadlines Internal: May 28, 2020
Sponsor: Jun 25, 2020

Limited Submission

Award Info: Ranges based on sub-topic area.

Sponsor's 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.

Apply › View Opportunity Details

Sponsor: Doe

Anticipated Deadlines

Limit: 1
Applied: 3
Selected: Yaoyu Li, Hongbing Lu
<table>
<thead>
<tr>
<th><strong>Award Info:</strong></th>
<th>Awards based on sub-topic area. Limit of 1 application per sub-topic area</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong></td>
<td>AMO supports innovative, advanced-manufacturing applied research and development (R&amp;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)</td>
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**FACULTY**

### Partnerships for Innovation (PFI) (Research Partnerships track) - July 2020

<table>
<thead>
<tr>
<th><strong>Sponsor</strong></th>
<th>NSF <a href="#">External Link</a></th>
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<tbody>
<tr>
<td><strong>Deadlines</strong></td>
<td>Internal: Jun 8, 2020</td>
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<td></td>
<td>Sponsor: Aug 5, 2020</td>
</tr>
<tr>
<td><strong>Limited Submission</strong></td>
<td>Limit: 1</td>
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<td>Applied: 0</td>
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</table>

**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

**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.

**FACULTY**

### 2020 Major Research Instrumentation Program: (MRI)

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<th><strong>Sponsor</strong></th>
<th>NSF <a href="#">External Link</a></th>
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<tr>
<td><strong>Deadlines</strong></td>
<td>Internal: Oct 20, 2020</td>
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<tr>
<td></td>
<td>Sponsor: Jan 19, 2021</td>
</tr>
<tr>
<td><strong>Limited Submission</strong></td>
<td>Limit: 3</td>
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<td></td>
<td>Applied: 0</td>
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</table>

**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...

**FACULTY**

### 2020 High-Impact/High-Risk Research Award (HIHR)

<table>
<thead>
<tr>
<th><strong>Sponsor</strong></th>
<th>CPRIT <a href="#">External Link</a></th>
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<tbody>
<tr>
<td><strong>Anticipated Deadlines</strong></td>
<td>Internal: Oct 23, 2020</td>
</tr>
<tr>
<td></td>
<td>Sponsor: Jan 15, 2021</td>
</tr>
<tr>
<td><strong>Limited Submission</strong></td>
<td>Limit: 5</td>
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<td>Applied: 0</td>
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</table>

**Award Info:** Applicants may request a total of $200,000 for a period of up to 24 months (2 years), inclusive of both direct and indirect costs.
**CPRIT High-Impact/High-Risk (HIHR) Research Awards**

CPRIT High-Impact/High-Risk (HIHR) Research Awards seek to provide short-term funding to explore the feasibility of high-risk projects that, if successful, would contribute major new insights into the etiology, diagnosis, treatment, or prevention of cancers. Because HIHR Research Awards are designed...

**Apply**  View Opportunity Details

**2020 Core Facility Support Award (CFSA)**

**Sponsor** CPRIT

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

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

**Award Info:** The maximum duration for this award mechanism is 5 years. Applicants may request a maximum of $3,000,000 in total costs for the first years and up to $1,000,000 in total costs for each subsequent year.

**Description:** Core Facility Support Awards seek to facilitate the development or improvement of core facilities that will provide valuable services to support and enhance scientifically meritorious cancer research projects. A user group of Texas-based investigators must be identified, each of whom should have supported...

**Apply**  View Opportunity Details

**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...

**Apply**  View Opportunity Details

**NIH Director's Emergency Early Independence Awards (DP5 Clinical Trial Optional) - COVID**

**Sponsor** NIH

**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 post-graduate clinical training...
FACULTY  Research Training Awards

Sponsor: CPRIT

Deadlines:
- Internal: Aug 28, 2020
- Sponsor: Oct 28, 2020

Limited Submission:
- Limit: 6
- Applied: 0

Award Info:
Applicants may request a maximum of $800,000 in total costs per year for up to 5 years.

Description:
This RFA solicits applications for integrated institutional research training programs to support promising individuals who seek specialized training in the area of cancer research. The goals of the Research Training Awards are to attract outstanding predoctoral (e.g., PhD, DNS, cMD/PhD), and postdoctoral...