Potential Funders for Chemistry

See also the Medical and Environmental Science funding lists

Steps in Pursuing a Potential Funding Opportunity:

1.  Find Funding Opportunities
   1)  **Look through the table of Potential Funders below.** Click the links to the website of the funder in order to get current information and to better see if that funding source matches your research needs. Be sure to check the other 29 Curated Funding Lists.
   2)  **Other Grant Searching Tools:** Baylor subscribes to two grant search engines (Pivot and GrantForward) that will send you regular alerts of funding if you supply your research interests. Log in with your Baylor credentials. See instructions for using these effectively: Search Funding Databases. Government Funding opportunities can also be searched on Grants.gov and Federal Grants Wire.
   3)  **Pick Funders that match your research most closely.** Go on their website and sign up for their email alerts of funding opportunities (if available).

2.  Starting Application Process
   1)  **Contact URA:** When you are ready to start applying for a grant, start by contacting your department’s URA (University Research Administrator). They will help you with working with Pre-Award to set up a Box folder, registrations, understanding Baylor’s procedures, and gathering supplementary documents.
   2)  **Check Limited Submissions:** Some funding opportunities limit the number of proposals from an institution. For these opportunities, the OVPR holds an internal competition eight weeks before the external submission date. For details and deadlines see: Limited Submissions

3.  Use Baylor Tools for Writing Competitive Grants:
   1)  Research Development’s: Grant Writing Workshop & Writing and Editorial Assistance
   2)  **PowerPoint Courses for Baylor Faculty on Applying for Grants**
   3)  **Grant Toolkits for Faculty** (Includes Excel Grant Planner, Templates for Letters and Facilities pages, links to applications and forms, and Guides for how to write each grant competitively)

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<th>Grant Toolkits Available</th>
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<td><strong>NIH</strong></td>
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<td>1) R15 Grant Toolkit</td>
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<td>2) R21 Grant Toolkit</td>
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<td>3) K01 Career</td>
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<td>4) R01 and R01 Multi-PI</td>
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<td>5) MIRA</td>
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<td><strong>NSF</strong></td>
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<td>1) CAREER</td>
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<td>2) Discovery DRK-12</td>
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<td>3) MRI</td>
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<td>4) PFI</td>
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<td>5) REU</td>
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<td>6) Graduate Student Fellowship Program (GRFP)</td>
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Index:
Note on Using Funding Tables:
1. Content for each table was taken from the Funder's website and is intended to give you a brief overview of that funder. Be sure to go to the Funder's website for up-to-date information and specific current funding opportunities (RFP's).
2. The index is hyperlinked to lead you to a table with more information. Ctrl+Click blue links on index items to go to the table.
3. Within the table, Ctrl+Click blue links to follow links to funder's website

Government Funders
1. **AFOSR**: Air Force Office of Scientific Research: engineering, mathematical and information networks,
2. **DOD**: Department of Defense
3. **DOE**: Department of Energy: advanced scientific computing, basic energy, biological and environmental research, high energy physics and nuclear physics
4. **EPA**: Environmental Protection Agency
5. **FDA**: Food and Drug Administration
6. **HHS**: Health and Human Sciences
7. **NIH**: National Institutes of Health Grant Toolkits Available HERE
8. **NSF**: National Science Foundation Grant Toolkits Available HERE
9. **SAMHSA**: Substance Abuse and Mental Health Services Administration

Non-Government Funders
10. **AAAS Advancing Science, Serving Society (Marion Milligan Award for Women)**: Early-mid career researchers in the chemical sciences
11. **American Cancer Society**: Cancer research
12. **American Chemical Society**: Petroleum Research Fund, Agricultural Chemistry, Green Chemistry, TEVA Pharmaceuticals Scholars
13. **Baylor Scott and White Research Institute**: Medical research, basic science and clinical development
14. **Beckman Foundation**: Young Investigators in Life Sciences and Chemistry
15. **Breakthrough Prize in Life Sciences Foundation**: Biology, biochemistry, mathematics, physics
16. **Communities Foundation of Texas/ Caruth Jr. Foundation**: Education, public safety, and scientific and medical research
17. **Damon Runyon-Rachlett Innovation Award**: High-risk cancer research
18. **Discovery Institute**: Role of science in culture
20. **The Elsevier Foundation**: Green chemistry
21. **The Eppley Foundation for Research**: Chemistry, physics, and biology
22. **Gates Foundation**: Grand challenges in healthcare, education, and social issues
23. **INNOCENTIVE Challenges**: A variety of challenge problems from different partners that you can offer solutions to get awards of up to $100,000. Most challenges are chemistry, physics, biology, and engineering.
24. **John S. Dunn Foundation**: Nursing, mental health, medical research in Texas focusing on Houston
25. **Johnson & Johnson**: (Limited Submission) Science, Technology, Engineering, Math, Manufacturing, and Design
26. **W. M. Keck Foundation**: (Limited Submission) Biochemistry, biology, engineering
27. **Kern Family Foundation**: Education, STEM, Entrepreneurship
28. **Michelson Prizes from Human Vaccines Project**: Funding for early career faculty
29. **Mizutani Foundation for Glycoscience**: Basic and applied studies in Glycoscience
30. **National Geographic: Our Changing Plant/ecosystems/environment**: Research that furthers understanding of the planet
31. **[William and Ella] Owens Medical Research Foundation:** Research on causes, treatment, and prevention of diseases and disorders.

32. **Pharmaceutical Research and Manufacturers of America Foundation, Inc. (PHRMA):** Best practices in drug development and health industry Chemistry, business

33. **Research Corporation for Science Advancement:** Cottrell Scholars Awards CSA (chemistry, physics, and astronomy)

34. **(Alfred P.) Sloan: Research Fellowships:** (Limited Submission) Chemistry, computational or evolutionary molecular biology, computer science, economics, mathematics, neuroscience, ocean sciences, physics

35. **Smithsonian Institution:** Anthropology, art, biology, chemistry & biochemistry, history

36. **Venture Well:** STEM Education grants

37. **(Robert A) Welch Foundation:** Chemistry in Texas
Government Funders

1. Air Force Office of Scientific Research

<table>
<thead>
<tr>
<th>Website Link: <a href="http://afrl.dodlive.mil/about/">http://afrl.dodlive.mil/about/</a></th>
<th>Deadline(s): Posted until superseded</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="http://afrl.dodlive.mil/funding/">http://afrl.dodlive.mil/funding/</a></td>
<td></td>
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</tbody>
</table>

Support Strategies: Research  
Funding: Between $200,000 and $400,000 per year

Description: The Air Force Office of Scientific research managers seek to foster revolutionary scientific breakthroughs enabling the Air Force and U.S. industry to produce world-class, militarily significant, and commercially valuable products.

Engineering and Complex Systems
Leads the discovery and development of the fundamental and integrated science that advances future air and space flight.

Information and Networks
Leads the discovery and development of foundational issues in mathematical, information and network-oriented sciences

Physical Sciences
Leads the discovery and transition of foundational physical science to enable air, space, and cyber power.

Chemistry and Biological Sciences
Leads the discovery and development of innovative fundamental science addressing a broad spectrum of energy-related issues.

Broad Agency Announcements
Broad Agency Announcements are used to communicate the needs and interests of AFOSR. AFOSR keeps specific requirements of each BAA up-to-date on Grants.gov, the United States government’s one source to find and apply for federal grants. See the latest BAAs. You can search the site by typing organization name into the keyword field or using CFDA numbers 12.800, 12.630, and 12.910.

University Research Initiative University Research Initiative (URI) Programs
These programs enhance universities’ capabilities to perform basic science and engineering research and related education in science and engineering areas critical to national defense.

- Defense University Research Instrumentation Program (DURIP)
- Multidisciplinary Research Program of the University Research Initiative (MURI)
- Presidential Early Career Award in Science & Engineering (PECASE)

Our focus is on research areas that offer significant and comprehensive benefits to our national warfighting and peacekeeping capabilities. These areas are organized and managed in two scientific Branches:

- Engineering and Information Sciences (RTA)
- Physical and Biological Sciences (RTB)

Special Programs
AFOSR provides the support for research and education through the following unique programs:

- Small Business Technology Transfer Program (STTR)
- Young Investigator Research Program (YIP)

Educational Programs
AFOSR also sponsors research assistantship programs, faculty programs and graduate school programs. These programs support graduate education, encourage the development of research excellence in critical technological areas where research facilities and qualified researchers are lacking, train personnel to conduct high-quality research, and stimulate mutual research interests between the Air Force and institutions of higher education.

- Awards to Stimulate and Support Undergraduate Research Experiences (ASSURE)
- Engineer and Scientist Exchange Program (ESEP)

Provided by the Research Development
Stacey_L_Smith@baylor.edu X3252 or
Virginia_Kearney@baylor.edu X6833

Last edited November 2019
- National Defense Science and Engineering Graduate (NDSEG) Fellowship Program
- USAF National Research Council Resident Research Associateship (NRC/RRA) Program
- USAF-Summer Faculty Fellowship Program (SFFP)
- Visiting Scientist Program
- Window on Science (WOS) Program
- Windows on the World (WOW) Program

## 2. Department of Defense (DoD)

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<tr>
<th>Website Link:</th>
<th>Deadline(s):</th>
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<tbody>
<tr>
<td><strong>Find DOD grants through:</strong></td>
<td><strong>Funding:</strong></td>
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<tr>
<td>DoD Research and Engineering:</td>
<td>Varies</td>
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<td><a href="https://www.acq.osd.mil/chieftechnologist/funding.html">https://www.acq.osd.mil/chieftechnologist/funding.html</a></td>
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<tr>
<td>Grants.gov <a href="https://www.grants.gov/">https://www.grants.gov/</a></td>
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<td>Pivot: <a href="https://pivot.proquest.com/funding_main">https://pivot.proquest.com/funding_main</a></td>
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<td>GrantForward: <a href="https://www.grantforward.com/index">https://www.grantforward.com/index</a></td>
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<tr>
<td><strong>Support Strategies:</strong> Generally larger research grants related to military applications, veterans, or help for families of military</td>
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<tr>
<td><strong>Description:</strong> DoD offers funding for research in the areas of medical biotechnology, engineering, and military technology.</td>
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<td><strong>Funding Opportunities Medical</strong></td>
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<td>- Alcohol and Substance Abuse</td>
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<td>- Amyotrophic Lateral Sclerosis</td>
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<td>- Autism</td>
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<td>- Bone Marrow Failure</td>
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<td>- Breast Cancer</td>
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<td>- Defense Medical Research and Development Program</td>
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<td>- Medical Simulation and Information Sciences Research Program (JPC-1)</td>
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<td>- Duchenne Muscular Dystrophy</td>
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<td>- Epilepsy</td>
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<td>- Gulf War Illness</td>
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<td>- Hearing Restoration</td>
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<td>- Kidney Cancer</td>
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<td>- Lung Cancer</td>
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<td>- Lupus</td>
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<td>- Multiple Sclerosis</td>
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<td>- Neurofibromatosis</td>
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<td>- Orthotics and Prosthetics Outcomes</td>
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<td>- Ovarian Cancer</td>
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<td>- Parkinson’s</td>
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<td>- Peer Reviewed Alzheimer’s</td>
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<td>- Peer Reviewed Cancer</td>
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<td>- Peer Reviewed Medical</td>
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<td>- Peer Reviewed Orthopaedic</td>
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<td>- Prostate Cancer</td>
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<td>- Psychological Health/Traumatic Brain Injury</td>
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<td>- Reconstructive Transplant Research</td>
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<td>- Spinal Cord Injury</td>
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<td>- Tick-Borne Disease</td>
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</table>
• Vision
• Synopsis of Current Program Funding Opportunities
• How to Apply
• Avoiding Research Duplication
• Program Funding Opportunities Archives

Research and Engineering: https://www.acq.osd.mil/chieftechnologist/funding.html

DoD Research and Technology Funding Opportunities

The Office of the Secretary of Defense and the Services have a number of easy-to-use funding sites.

**Federal Business Opportunities**

Office of the Secretary of Defense (OSD):
- Defense Innovation Marketplace
- Small Business Innovation Research (SBIR) program
- Rapid Innovation Fund

U.S. Army:
- Army Engineer Research and Development Center
- Army Research Laboratory/Army Research Office BAAs

U.S. Department of the Navy:
- Naval Research Laboratory Contracting Division
- Office of Naval Research

U.S. Air Force:
- Air Force Office of Scientific Research
- Air Force Research Laboratory
- Long Range Acquisition Estimate

**Other DoD Agencies:**
- Coalition Warfare Program (CWP)
- Defense Advanced Research Projects Agency
- Defense Threat Reduction Agency
- Information Analysis Centers
- Missile Defense Agency
- Joint Non-Lethal Weapons Program
- Joint Program Executive Office for Chemical & Biological Defense

**DoD Awarded Contracts:**
- Awarded Defense Contracts

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### 3. DOE: Department of Energy

**Website Link:** [https://science.energy.gov/funding-opportunities/find-funding/](https://science.energy.gov/funding-opportunities/find-funding/)

**Interactive grants map:** [https://science.energy.gov/universities/interactive-grants-map/](https://science.energy.gov/universities/interactive-grants-map/)

**Deadline(s):** N/A

<table>
<thead>
<tr>
<th>Support Strategies: Research</th>
<th>Funding: Varies</th>
</tr>
</thead>
</table>

**Description:** The U.S. Department of Energy Office of Science is the lead federal agency supporting fundamental scientific research for energy and the Nation’s largest supporter of basic research in the physical sciences.

The Office of Science portfolio has two principal thrusts: direct support of scientific research and direct support of the development, construction, and operation of unique, open-access scientific user facilities.

These activities have a wide-reaching impact. The Office of Science supports research in all 50 States and the District of Columbia, at DOE laboratories and more than 300 universities and institutions of higher learning nationwide. The Office of Science User Facilities provides the Nation’s researchers with state-of-the-art capabilities that are unmatched anywhere in the world. Additional information on funding opportunities, including program contacts and general program announcements, can be found on the SC program offices’ funding opportunities pages:

- Advanced Scientific Research Computing (ASCR) funding opportunities information
- Basic Energy Sciences (BES) funding opportunities information
- Biological & Environmental Research (BER) funding opportunities information
- Fusion Energy Sciences (FES) funding opportunities information
- High Energy Physics (HEP) funding opportunities information
- Nuclear Physics (NP) funding opportunities information
- Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) funding opportunities information

The complete DOE National Laboratory funding announcement is posted on the Grants and Contracts website under reference number LAB 17-1761 (569KB). DOE national laboratory preproposals and full proposals must be submitted into the DOE Office of Science Portfolio Analysis and Management System (PAMS) website.

The fiscal Year 2018 Frequently Asked Questions (196KB)

### 4. EPA: Environmental Protection Agency

<table>
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<tr>
<th>Website Link: <a href="https://www.epa.gov/research-grants/research-funding-opportunities">https://www.epa.gov/research-grants/research-funding-opportunities</a></th>
<th>Deadline(s): N/A</th>
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<tbody>
<tr>
<td>Support Strategies: Grants and fellowships</td>
<td>Funding: 4 Billion awarded each year</td>
</tr>
<tr>
<td><strong>Description:</strong> All grant, fellowship and/or Small Business Innovation Research (SBIR) funding opportunities competed through the Research Grants website are done through solicitations or Requests for Applications (RFAs). Any application submitted must be in response to an open solicitation or RFA.</td>
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<tr>
<td><a href="https://www.epa.gov/research-grants/research-funding-opportunities">Search for open or upcoming funding opportunities.</a></td>
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<tr>
<td>Follow the application instructions in the solicitation or RFA. Application instructions, where appropriate, will link back to various forms on this page to download.</td>
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<tr>
<td><a href="https://www.epa.gov/research-grants/research-funding-opportunities">Learn more through research grants guidance.</a></td>
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<td>Research Grants Home</td>
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<td>Climate Change Research Grants</td>
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<td>Safer Chemicals Research Grants</td>
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<td>Sustainability Research Grants</td>
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<td>Water Research Grants</td>
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<td>Research Grants Events</td>
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### 5. FDA: Food and Drug Administration

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<tr>
<th>Website Link: <a href="https://www.fda.gov/ScienceResearch/AboutScienceResearchatFDA/default.htm">https://www.fda.gov/ScienceResearch/AboutScienceResearchatFDA/default.htm</a></th>
<th>Deadline(s): N/A</th>
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<tr>
<td>Support Strategies: Research</td>
<td>Funding: Varies</td>
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<tr>
<td><strong>Description:</strong></td>
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<td>Biologics</td>
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<tr>
<td>Research by FDA Staff to Evaluate and Enhance the Safety of Biologic Products</td>
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<tr>
<td>Drugs</td>
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<tr>
<td>Research by FDA Staff to Evaluate and Enhance the Efficacy, Safety, and Quality of Drug Products</td>
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<tr>
<td>Food</td>
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<tr>
<td>Biotechnology, laboratory methods and publications, research strategic plan, and research areas such as risk assessment and consumer behavior.</td>
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<tr>
<td>Medical Devices</td>
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<tr>
<td>Biology, Physics, Chemistry</td>
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<td>Minority Health</td>
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<td>Office of Minority Health Research and Collaboration Program</td>
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<td>Tobacco Products</td>
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<tr>
<td>Research Priorities, Funded Research, Meetings, and Conferences</td>
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</tbody>
</table>
6. HHS: United States Department of Health and Human Services

Website Link: www.hhs.gov
https://www.hhs.gov/grants/index.html
ACF: https://ami.grantsolutions.gov/
ACL: https://www.acl.gov/grants
AHRQ: https://www.ahrq.gov/funding/index.html
NIDILRR: National Institute of Disability, Independent Living and Rehabilitation Research: https://www.acl.gov/node/606

<table>
<thead>
<tr>
<th>Support Strategies: Research and Community Support</th>
<th>Funding: Varies</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong> It is the mission of the U.S. Department of Health &amp; Human Services (HHS) to enhance and protect the health and well-being of all Americans. We fulfill that mission by providing for effective health and human services and fostering advances in medicine, public health, and social services.</td>
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<tr>
<td><strong>HHS: ACF (Administration for Children and Families) programs aim to:</strong></td>
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<tr>
<td>• Empower families and individuals to increase their economic independence and productivity</td>
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<tr>
<td>• Encourage strong, healthy, supportive communities that have a positive impact on quality of life and the development of children</td>
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<tr>
<td>• Create partnerships with front-line service providers, states, localities and tribal communities to identify and implement solutions that transcend traditional program boundaries</td>
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<tr>
<td>• Improve access to services through planning, reform, and integration</td>
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<tr>
<td>Address the needs, strengths, and abilities of vulnerable populations including people with developmental disabilities, refugees, and migrants</td>
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<tr>
<td><strong>HHS: ACL (Agency for Community Living) advocates across the federal government for older adults, people with disabilities, and families and caregivers; funds services and supports provided primarily by states and networks of community-based programs; and invests in training, education, research, and innovation. We manage a variety of programs (authorized by several statutes), providing assistance on health and wellness, protecting rights and preventing abuse, supporting consumer control, strengthening the networks of community-based organizations, funding research, and much more.</strong></td>
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<tr>
<td><strong>Data Collection Projects</strong> - Several programs collect and analyze data to help everyone working on aging and disability issues understand the populations we serve and measure the impact and effectiveness of programs</td>
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<tr>
<td><strong>HHS: AHRQ (Agency for Healthcare Research and Quality) The AHRQ mission is to produce evidence to make health care safer, higher quality, more accessible, equitable and affordable, and to work with HHS and other partners to make sure that the evidence is understood and used.</strong></td>
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</tbody>
</table>

**Within the mission, AHRQ’s specific priority areas of focus are:**

- Improve health care quality by accelerating the implementation of Patient-Centered Outcomes Research (PCOR).
- Make health care safer.
- Increase accessibility by evaluating expansions of insurance coverage.

Improve health care affordability, efficiency and cost transparency.

7. NIH: National Institute of Health

Website Link: https://www.nih.gov/grants-funding
Open Investigator-Initiated Announcements:
https://grants.nih.gov/grants/guide/parent_announcements.htm

| **Deadline(s) Varies** |

Provided by the Research Development Stacey L. Smith@baylor.edu X3252 or Virginia Keamey@baylor.edu X6833

Support Strategies:
- Research Grants (R series)
- Career Development Awards (K series)
- Research Training and Fellowships (T & F series)
- Program Project/Center Grants (P series)
- Resource Grants (various series)
- Trans-NIH Programs

All NIH Grant Toolkits Available [HERE](#)
1. R15 Grant Toolkit
2. R21 Grant Toolkit
3. K01 Career Grant Toolkit
4. R01 Grant Toolkit
5. R01 Multi-PI Grant Toolkits
6. MIRA Grant Toolkit (includes Early Career)

Description: NIH funded research has led to breakthroughs and new treatments, helping people live longer, healthier lives, and building the research foundation that drives discovery. NIH offers funding for many types of grants, contracts, and even programs that help repay loans for researchers. On occasion, we use the NIH Guide to publish research contract opportunities in addition to grant opportunities, but for a comprehensive listing of contract opportunities, we encourage you to search FedBizOpps, the fed-wide portal that supports searching, monitoring, and retrieving contract opportunity. Or you can visit our contracts page to learn more about the difference between grants and contract, types of contracts, how contracts are evaluated, and more.

Weekly Table of Contents
NIH publishes funding opportunities and notices in the NIH Guide daily. At the end of each work week (usually on Friday afternoon), we send a weekly table of contents of everything published during the week to the NIH Guide LISTSERV. Subscribe today!
- Current Weekly Table of Contents (TOC)
- Past Tables of Contents

Receive NIH Guide Information
Weekly Update via E-mail LISTSERV - Subscribe or Unsubscribe.
- RSS Format – Receive NIH Funding Opportunities in RSS (Really Simple News Syndication) format.
- Twitter - Follow @NIHfunding for NIH Funding Opportunities

Grants process overview: [https://grants.nih.gov/grants/grants_process.htm](https://grants.nih.gov/grants/grants_process.htm)
Forms library: [https://grants.nih.gov/grants/forms.htm](https://grants.nih.gov/grants/forms.htm)

8. NSF: National Science Foundation

Website Link: [https://www.nsf.gov/](https://www.nsf.gov/)
Broader Impacts Website: [https://www.nsf.gov/od/oia/special/broaderimpacts/](https://www.nsf.gov/od/oia/special/broaderimpacts/)

Find grants through:
- NSF Area website (see links below)
- Grants.gov [https://www.grants.gov/](https://www.grants.gov/)
- Pivot: [https://pivot.cos.com/funding_main](https://pivot.cos.com/funding_main)
- GrantForward: [https://www.grantforward.com/index](https://www.grantforward.com/index)

Support Strategies:
- Research • RAPID & EAGER • RAISE • GOALI • Ideas Lab • FASED • Conferences • Equipment • Travel • Facility / Center • Fellowships

All NSF Grant Toolkits Available [HERE](#):
7) CAREER
8) Discovery DRK-12
9) MRI
10) PFI
11) REU
12) Graduate Student Fellowship Program (GRFP)

Deadline(s) Varies

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Last edited on August 21, 2019
9. SAMHSA (Substance Abuse and Mental Health Services Administration)

Website Link: [https://www.samhsa.gov/](https://www.samhsa.gov/)
Grants: [https://www.samhsa.gov/grants](https://www.samhsa.gov/grants)

**Support Strategies:** Research
**Funding:** Varies

**Description:** SAMHSA makes grant funds available through the Center for Substance Abuse Prevention, the Center for Substance Abuse Treatment, and the Center for Mental Health Services. Find funding opportunities that support programs for substance use disorders and mental illness, and learn about the grant application, review, and management process.

SAMHSA announces grant funding opportunities through Funding Opportunity Announcements (FOAs). Each FOA contains all the information you need to apply for a grant. To apply for a SAMHSA grant, you must register on [Grants.gov](https://www.grants.gov).

View all Fiscal Year (FY) 2018 Grant Announcements

**These resources will help you find and apply for funding opportunities:**

- [Visit “Applying for a New SAMHSA Grant” to learn more.](https://www.samhsa.gov/)
- [Registration Requirements](https://www.samhsa.gov/)
- [Submitting Your Application](https://www.samhsa.gov/)
- [Application Forms and Resources](https://www.samhsa.gov/)
- [Guidelines for Consumer and Family Participation](https://www.samhsa.gov/)

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Non-Government Funders

10. AAAS Advancing Science, Serving Society (Marion Milligan Award for Women)

Website Link: [https://masonaward.aaas.org/login/indexA.cfm](https://masonaward.aaas.org/login/indexA.cfm)

**Support Strategies:** Research
**Funding:** 4-5 grants of $50,000

**Description:** The goal of the Marion Milligan Mason Award for Women in the Chemical Sciences is to kick-start the research career of promising future senior investigators in the chemical sciences. The Marion Milligan Mason Fund will provide four grants of $50,000 every other year to women researchers engaged in basic research in the chemical sciences. Awards are for women who are starting their academic research careers. In addition to research funding, the program will provide leadership development and mentoring opportunities.

Applicants must have a "full-time" career-track appointment. More than one applicant from the same institution can apply for this award, provided that each application is scientifically distinct.

For more information about the request for proposals for the Marion Milligan Mason Award for Women in the Chemical Sciences, [please click here to view the PDF.](https://masonaward.aaas.org/login/indexA.cfm)

**The eligibility criteria are as follows:**

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Provided by the Research Development
Stacey_L_Smith@baylor.edu X3252 or
Virginia_Keamey@baylor.edu X6833
Must have completed a Ph.D. in chemistry, biochemistry, physiology, or any chemistry-related field.
Must be early in a research career as teaching or research staff with 10 or fewer years since earning a Ph.D., at the time of application. Must not be a postdoctoral fellow.
Must be originating independent research work in a U.S. Ph.D. granting institution
Must be American-born, naturalized citizen or permanent resident.

Selection Process
Applications will be reviewed in two stages:
1. The stage one review is conducted by a panel of scientists and engineers who will review all completed applications. Each application will be reviewed by at least three (3) scientists. The top 20-25 applications selected by this panel will be forwarded for final review and selection by the jury.
2. The stage two review is conducted by the jury. The jury is comprised of four (4) distinguished members of the chemical sciences community. The final award recipients will be determined by the jury.

Applicants
• Must demonstrate a commitment to developing an independent research career in the chemical sciences.
• Must clearly describe how the activities proposed in the application will enable progression towards a research career as an independent scientist in the chemical sciences.

Candidates are evaluated for overall excellence with a focus on:
• Intellectual merit as defined by academic records and/or scholarly scientific study that shows:
  1. Ability to plan and conduct research
  2. Ability to work as a team member or independently
  3. Ability to interpret and communicate research findings
• Scientific excellence and a clearly articulated plan of study
• Evidence of originality, initiative, and productivity
• Potential for long-term career enhancement in the chemical sciences research
• Reference letters

If you have questions, please email masonaward@aaas.org

11. American Cancer Society, Inc.

Website Link: www.cancer.org
https://www.cancer.org/research/we-fund-cancer-research/apply-research-grant.html

Support Strategies:
Cancer research

Funding: Varies, Research Scholar is for $165,000 per year for 4 years; Institutional Research grant seed money is $90,000 a year for 3 years

Description: The society is a nationwide community-based voluntary health organization dedicated to eliminating cancer as a major health problem by preventing cancer, saving lives from cancer, and diminishing suffering from cancer through research, education, and service.

Research Grants for Independent Investigators
The American Cancer Society supports investigator-initiated projects across the cancer research continuum. Research Scholar Grants (RSGs) are awards are for up to 4 years and for up to $165,000 per year for direct costs, plus 20% allowable indirect costs. Independent investigators in the first 6 years of an independent research career or faculty appointment are eligible to apply.
Institutional Research Grants (IRGs) are block grants given to institutions as "seed money" for the initiation of projects by promising junior investigators. They average $90,000 a year for 3 years
• Research Scholar Grants
• Institutional Research Grants

New Initiatives and Requests for Applications
With a primary focus on beginning investigators, the American Cancer Society’s Extramural Grants Program seeks to support and promote high impact and innovative cancer research across a wide range of disciplines to
meet critically important needs in the control of cancer. Thank you for considering the American Cancer Society for your research funding opportunities. We are currently interested in receiving grant applications in the following areas:

1. **RFA: The Role of Health Policy and Health Insurance in Improving Access to and Performance of Cancer Prevention, Early Detection, and Treatment Services**
2. **RFA: Pilot and Exploratory Projects in Palliative Care of Cancer Patients and Their Families**

### 12. American Chemical Society (ACS)

**Website Link:** [www.acs.org](http://www.acs.org)  
**Deadline(s):** Varies

**Support Strategies:** Medicinal or Pharmaceutical Chemistry; Petroleum or Fossil Fuels  
**Funding:** Varies based on project

**Description:** The society works to advance the broader chemistry enterprise and its practitioners for the benefit of the earth and its people, and to improve people's lives through the transforming power of chemistry.

**Research Grants**

- Petroleum Research Fund
- TEVA Pharmaceuticals Scholars Grants
- Herman Frasch Foundation Grants
- Green Chemistry

**Teva Pharmaceuticals Marc A. Goshko Memorial Grant**  
[https://www.acs.org/content/acs/en/funding-and-awards/grants/teva-pharmaceuticals-scholars-grants.html](https://www.acs.org/content/acs/en/funding-and-awards/grants/teva-pharmaceuticals-scholars-grants.html)

The program is a philanthropic grant program that supports academic researchers in the fields of organic and medicinal chemistry.

**Amount:** $100,000 per year for 3 years, Number of awards: 3

**Research Area and Evaluation Criteria**

Applications for the Teva Pharmaceuticals Scholars grants must propose research in the area of organic chemistry, with potential or direct connections with medicinal or pharmaceutical chemistry, such that the successful results would be of potential practical benefit to the discovery of organic compounds useful as human medicines. Proposals are evaluated on: a) scientific merit, creativity and novelty; and b) addressing unexplored fields in organic and/or medicinal chemistry. General aspects of research proposals will also be considered, such as: Is the project achievable within the time frame? Are the personnel and facilities adequate? Does the applicant consider and address potential problems?

**Petroleum Research Fund**

**Description:** The Petroleum Research Fund is an endowed fund, managed by the American Chemical Society that supports fundamental research directly related to petroleum or fossil fuels at nonprofit institutions (generally colleges and universities) in the United States and other countries.

ACS Petroleum Research Fund (ACS PRF) grants are intended as seed money, to enable an investigator to initiate a new research direction. The investigator should not have published or received financial support from another funding agency for the proposed research. Also, proposals that the ACS PRF Advisory Board feels are a logical extension of an investigator’s previous research may be denied as “not a new direction.”

Since the first ACS PRF grants were approved in 1953, several grant programs have evolved to serve segments of the scientific community, including “new investigator” grants and grants to support researchers in departments that do not award doctoral degrees.

**The scope of the Fund**

Proposals must be for fundamental research in “the petroleum field,” which is defined in our founding document as “petroleum, natural gas, coal, shale, tar sands and like materials.” Fundamental research encompasses the properties of these materials, whereas the petroleum industry undertakes “applied research,” which is outside the scope of ACS PRF. See our list of [Research Topics](#) that are supported and not supported by ACS PRF. ACS PRF research grant programs support fundamental research in the petroleum field and development of the next generation of engineers and scientists through advanced scientific education. Research areas supported include chemistry, the earth sciences, chemical and petroleum engineering, and related fields.
such as polymers and materials science. Membership in the American Chemical Society is not a requirement or a factor in awarding ACS PRF grants.

**Green Chemistry Grants**
A primary objective of the ACS Green Chemistry Institute® (ACS GCI) is to advance research in green chemistry by promoting funding, increasing opportunities, and developing information on the benefits of green chemistry.

**Fellowships**
- Public Policy Fellowships
- Irving S. Sigal Postdoctoral Fellowship

**Community Recognition**
- ACS Community Recognition Grants
- Corporation Associates Local Section Grants
- Corporation Associates Seed Grants

## 13. Baylor Scott and White Research Institute

**Website Link:** [http://www.baylorhealth.edu/Research/BSWRI/Dallas/ForResearchers/Pages/default.aspx](http://www.baylorhealth.edu/Research/BSWRI/Dallas/ForResearchers/Pages/default.aspx)

**Support Strategies:** Medical research

**Funding:** Varies

**Description:**
**Vision:** to be one of the world’s leading research centers for translational medicine

**Mission:** to improve the care and well-being of our community, nationally and internationally through innovative research that is consistent with the mission, vision and values of the Baylor Scott & White Health

Researchers at Baylor Scott & White Health System are at the forefront of basic science and clinical development. Our efforts are often recognized in the medical community and often published in major scientific journals or presented at international medical meetings. Many of our researchers have been nationally recognized by third-party medical associations and awarded multi-million dollar grants from government agencies that support novel medical research.

## 14. (Arnold and Mabel) Beckman Foundation: Young Investigators in Life Sciences and Chemistry

**Website Link:** [www.beckman-foundation.com](http://www.beckman-foundation.com)

**Deadline(s):** LOI (June – September)

**Support Strategies:** Chemistry and life sciences research

**Funding:** $600,000 over the course of 4 years

**Description:** The Arnold and Mabel Beckman Foundation provides grants to researchers and non-profit research institutions in chemistry and life sciences to promote scientific discoveries, and particularly to foster the invention of methods, instruments, and materials that will open up new avenues of research.

**BECKMAN SCHOLARS**
A 15-month experience for exceptional undergraduate students – provides continuous support for a mentored research project over two summers and one academic year. Colleges and universities must be invited to apply.

**PROGRAM INFORMATION**

**BECKMAN POSTDOCTORAL FELLOWS**
Support for a three-year postdoctoral project, helping in the transition from mentored to independent research.

**BECKMAN YOUNG INVESTIGATORS**
Four-year grants to the most promising and innovative faculty in the early stages of their academic careers.

**BECKMAN-ARGYROS AWARD IN VISION RESEARCH**
Award to an individual who has made significant transformative breakthroughs in vision research. Awardees must be nominated by a mentor or colleague.
15. Breakthrough Prize in Life Sciences Foundation

**Website Link:** [https://breakthroughprize.org/](https://breakthroughprize.org/)

**Deadline(s):** April

**Funding:**
- Breakthrough Prize in Physics - $3 million
- New Horizons in Physics Prize - $100,000
- Breakthrough Prize in Mathematics - $3 million
- New Horizons in Mathematics - $100,000
- Breakthrough Prize in Life Sciences - $3 million

**Support Strategies:**
- Physics
- Biology
- Biochemistry
- Mathematics

**Description:** Knowledge is humanity’s greatest asset. It defines our nature, and it will shape our future. The body of knowledge is assembled over centuries. Yet a single mind can extend it immensely. Einstein reimagined space and time. Darwin distilled the chaos of life to a single idea. Turing figured out what it means to think. Great scientists enrich us all. They enable technologies that ease our lives, but they also show us what’s beyond our horizons. Science is revealing worlds far beyond the everyday scale, from the subatomic and cellular to the stellar and galactic. Increasingly we can think at these levels and trace the connections between them. And as we do, we are making progress on the truly big questions. Questions like:

> Why is there something rather than nothing?  
> What is the Universe made of?  
> How did life begin?  
> How can matter think?  
> How much is knowable?

The disciplines that ask the biggest questions and find the deepest explanations are the fundamental sciences. The Breakthrough Prizes honor important, primarily recent, achievements in the categories of Fundamental Physics, Life Sciences, and Mathematics. The prizes are sponsored by Sergey Brin, Priscilla Chan and Mark Zuckerberg, Pony Ma, Yuri and Julia Milner, and Anne Wojcicki. Committees of previous laureates choose the winners from candidates nominated in a process that’s online and open to the public. Laureates receive $3 million each in prize money. They attend a televised award ceremony designed to celebrate their achievements and inspire the next generation of scientists. As part of the ceremony schedule, they also engage in a program of lectures and discussions. Those that go on to make fresh discoveries remain eligible for future Breakthrough Prizes.

16. Communities Foundation of Texas: W.W. Caruth, Jr. Foundation Grants

**Website Link:** [https://www.cftexas.org/caruth-foundation-grants](https://www.cftexas.org/caruth-foundation-grants)

**Deadline(s):** See website

**Funding:** No established range, often awards multi-year, multi-million-dollar grants

**Support Strategies:** Research in education, public safety, and scientific and medical research

**Description:** The goal of the W.W. Caruth, Jr. Foundation is to encourage nonprofits to be bold in pushing boundaries as they work to solve complex community issues in the fields of education, public safety, and scientific and medical research. The foundation embodies the entrepreneurial spirit of Mr. Caruth by helping empower organizations to take carefully planned, calculated risks as they undertake these challenges. The Caruth Foundation deploys several unique grantmaking strategies toward its goal of creating transformational change in our community. These strategies include:

- A willingness and ability to make grants of significant size, often multi-million-dollar awards
- A willingness to be “first money in” and to take bigger risks in funding grant proposals
- Active efforts to encourage collaborative approaches to transformational projects
- A willingness to fund impact assessments and to use, when appropriate, the results to encourage scaling and sustainability efforts

Application to the W.W. Caruth, Jr. Foundation is a two-step process. The first step is to submit a brief letter of inquiry summarizing the proposed project and its potential match to the foundation’s funding priorities and grant guidelines. After initial review, the foundation will respond with a request for additional information, a request for a full proposal, or decline to pursue the funding request further.

Provided by the Research Development  
Stacey_L_Smith@baylor.edu  X3252 or  
Virginia_Keamey@baylor.edu X6833
LOI
Open call for small dollar, wide-breadth grants in 8 areas:
- Older Adults
- Human-Animal Connection
- Special Interest Funds
- Community Services
- Health
- Environment
- Racial Equity

Community Impact Grants
Issue-specific grants focused on:
- Increasing the economic security of low-income families
- Racial equity

Caruth foundation grants
Complex, multi-year grants focused on:
- Medical & Scientific Research
- Public Safety
- Education

### 17. Damon Runyon-Rachleff Innovation Award (Innovation Award)

| Website Link: [https://www.damonrunyon.org/for-scientists](https://www.damonrunyon.org/for-scientists) | Deadline(s): July |
| https://www.damonrunyon.org/for-scientists/application-guidelines/innovation | **Funding:** The Stage 1 award will be for two years, $150,000 per year ($300,000 total) with the opportunity for up to two additional years of funding (up to four years total for $600,000). |

**Support Strategies:** Cancer research

**Description:** Award Programs:

Damon Runyon Fellowship Award
Supports the training of the brightest postdoctoral scientists as they embark upon their research careers. This funding enables them to be mentored by established investigators in leading research laboratories across the country.

**OVERVIEW**
**APPLICATION GUIDELINES**
**CURRENT PROJECTS**

Damon Runyon-Sohn Pediatric Cancer Fellowship Award
The Damon Runyon-Sohn Pediatric Cancer Fellowship Award provides funding to basic scientists and clinicians who conduct research with the potential to significantly impact the prevention, diagnosis or treatment of one or more pediatric cancers.

**AWARD OVERVIEW**
**APPLICATION GUIDELINES**
**CURRENT PROJECTS**

Damon Runyon Dale F. Frey Award for Breakthrough Scientists
There are often a select few Damon Runyon and Damon Runyon-Sohn Fellows who have greatly exceeded the Foundation’s highest expectations. To catapult their research careers, the Foundation will make an additional investment in these exceptional individuals at the end of the Fellowship by selecting them as recipients of the Damon Runyon Dale F. Frey Award for Breakthrough Scientists.

**OVERVIEW**
**APPLICATION GUIDELINES**
**CURRENT PROJECTS**

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Last edited on August 21, 2019
Damon Runyon Clinical Investigator Award
The Damon Runyon Clinical Investigator Award supports early career physician-scientists conducting patient-oriented research. The goal of this innovative program is to increase the number of physicians capable of moving seamlessly between the laboratory and the patient’s bedside in search of breakthrough treatments. Damon Runyon Clinical Investigators are eligible to apply for Continuation Grants in the final year of their award.

OVERVIEW
APPLICATION GUIDELINES
CURRENT PROJECTS

Damon Runyon-Rachleff Innovation Award
The Damon Runyon-Rachleff Innovation Award supports the next generation of exceptionally creative thinkers with “high-risk/high-reward” ideas that have the potential to significantly impact our understanding of and/or approaches to the prevention, diagnosis or treatment of cancer but lack sufficient preliminary data to obtain traditional funding.

OVERVIEW
APPLICATION GUIDELINES
CURRENT PROJECTS

Damon Runyon Physician-Scientist Training Award
Supports and encourages outstanding physicians to pursue cancer research careers by providing them with the opportunity for a protected research training experience under the mentorship of a highly qualified and gifted mentor.

OVERVIEW
APPLICATION GUIDELINES
CURRENT PROJECTS

18. Discovery Institute
Website Link: https://www.discovery.org/
Deadline(s): Varies
Support Strategies: Role of science in culture
Funding: Varies
Description: Discovery Institute promotes thoughtful analysis and effective action on local, regional, national and international issues. The Institute is home to an inter-disciplinary community of scholars and policy advocates dedicated to the reinvigoration of traditional Western principles and institutions and the worldview from which they issued. Discovery Institute has a special concern for the role that science and technology play in our culture and how they can advance free markets, illuminate public policy and support the theistic foundations of the West. The Institute was founded by Bruce Chapman and George Gilder in 1991.

19. (Camille and Henry) Dreyfus Foundation, Inc. (Limited Submission)
Website Link: http://www.dreyfus.org/
Deadline(s): internal application due 12/10
Support Strategies: Biochemistry & Chemistry; Chemical Engineering
Funding: Varies based on program
Description: The purpose of the Camille and Henry Dreyfus Foundation, Inc., is to advance the science of chemistry, chemical engineering, and related sciences as a means of improving human relations and circumstances throughout the world. Established in 1946 by chemist, inventor, and businessman Camille Dreyfus as a memorial to his brother Henry, the Foundation became a memorial to both men when Camille Dreyfus died in 1956. Throughout its history, the Foundation has sought to take the lead in identifying and addressing needs and opportunities in the chemical sciences.
Deadline: February 7, 2019
Announcement: early May 2019
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 an independent body of scholarship attained in the early years of their appointment (see below), and a demonstrated commitment to
education, signaling the promise of continuing outstanding contributions to both research and teaching. The Camille Dreyfus Teacher-Scholar Awards Program provides an unrestricted research grant of $75,000.

**Eligibility**
The Camille Dreyfus Teacher-Scholar Awards Program is open to academic institutions in the States, Districts, and Territories of the United States of America that grant a bachelor’s or higher degree in the chemical sciences, including biochemistry, materials chemistry, and chemical engineering. Nominees must hold a full-time tenure-track academic appointment and are normally expected to have been appointed no earlier than mid-year 2013. Awardees are from Ph.D. granting departments in which scholarly research is a principal activity. Undergraduate education is an important component. Institutions may submit only one Camille Dreyfus nomination annually.

**Re-nominations are accepted.**

**Selection**
The Foundation seeks Camille Dreyfus Teacher-Scholars who demonstrate leadership in research and education. Nominations must provide compelling evidence of the advance of important knowledge in the chemical sciences by the nominee. Further, the nomination should describe dedication and contributions to education in the chemical sciences, particularly with respect to undergraduates. The nominee’s scholarly research achievements are assessed by a panel of distinguished faculty in the chemical sciences. The letters of recommendation should address the nominee’s research accomplishments as an independent faculty member. Other considered factors are: awards and honors, publication of research achievements in leading journals, and success in attracting research funding.

**Budget**
The Camille Dreyfus Teacher-Scholar Award provides a $75,000 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 over a period of five years. Foundation approval is not required for budgetary changes after an award is made. If the awardee leaves the institution, the transfer of the remaining funds requires prior Foundation approval.

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### 20. The Elsevier Foundation

**Website Link:** [https://www.elsevierfoundation.org/programs/research-in-developing-countries/greenchem/](https://www.elsevierfoundation.org/programs/research-in-developing-countries/greenchem/)

**Deadline(s):** September 15

**Funding:** $50,000 pounds first, $25,000 pounds for 2nd.

**Support Strategies:** Research in green & sustainable chemistry

**Description:** We believe that chemistry plays a critical role in developing a sustainable future. Chemists have a special responsibility to develop those new products, resources, and processes to make that happen. The Elsevier Foundation Green and Sustainable Chemistry Challenge seeks to stimulate innovative chemistry research that helps the environment and low-resource communities. The winning project will receive a prize of €50,000 with €25,000 for the second-place prize.

We look for proposals outlining innovative chemistry ideas that tackle some of the developing world’s greatest sustainability challenges.

**Projects will be reviewed according to the following criteria:**

- Provide a description of the project background and the urgency of the problem. Please include a description of the broader context and highlight how the project links to the United Nations Sustainable Development Goals (SDGs).

- Comply with at least one of the 12 principles of green chemistry, or more specifically:
  - Reduce or eliminate the use or generation of one or more hazardous substance or material
  - Provide a more sustainable use of resources (e.g., bio-, minerals, metals but also water, energy), or products, or more sustainable manufacturing/ application of chemical products
  - Increase longevity, increase reuse or recyclability, e.g. by proper design or manner of application, etc.,
  - Design a new business model fitting into the criteria of green and sustainable chemistry.
• Be replicable, scalable, sustainable, and set a benchmark for innovation – new ideas or concepts in development will be given preference over more advanced projects.

• Be suitable for use in developing countries. Have considered the project’s social impact on local communities, including gender equality either in design or implementation.

• Have practical applicability – include an implementation plan. Please note that if the project has been developed in a high-income country, contextually appropriate knowledge transfer will need to be demonstrated, for instance through a developing country implementation partner. If the idea presented is already patented it will not be eligible. Patents resulting from the work in case of executing the awarded project will be possible anyway.

## 21. The Eppley Foundation for Research

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<th>Website Link:</th>
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<td><a href="http://fdnweb.org/eppley/#priorities">http://fdnweb.org/eppley/#priorities</a></td>
<td>September and March</td>
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**Support Strategies:** Program development and Research

**Funding:** $10,000 to $25,000

**Description:** The Eppley Foundation for Research was incorporated in 1947 for the purpose of “increasing knowledge in pure or applied science... through study, research, and publication.” Particular areas of interest include innovative medical investigations, climate change, whole ecosystem studies, as well as research on single species if they are of particular significance in their environments, in the U.S. and abroad. The Foundation does not fund work that can qualify for funding from conventional sources such as the National Science Foundation or the National Institutes of Health, or similar agencies at the state level.

It is important to the Foundation that the work proposed be novel in its insights and unlikely to be underway elsewhere. The Foundation is prepared to take risks.

**Who may apply**

The Eppley Foundation supports advanced, novel, scientific research by PhDs or MDs with an established record of publication in their specialties. Candidates with newly awarded doctorates occasionally, but rarely, meet the Foundation’s requirements for advanced research. Any applicant to the Foundation must be associated with a nonprofit organization with headquarters or a branch office in the US to process the funds. Checks are not issued directly to individuals.

**LOIs and Proposals**

Letters of inquiry and grant proposals should be written in language clear to the layman. LOIs, not to exceed 1,000 words, should be received by September 15th or March 15th. Submissions in advance of those deadlines are encouraged. LOIs should specify the sum that will be requested. Invited grant proposals are considered during board meetings in December and June of each year. For invited proposals, due on October 15 or April 15, there is no page limit, but the proposal — as the LOI — is expected to be concise and incorporate clear statements of significance, objectives, novelty, methods, expectations of success, and why the researcher believes the work cannot reasonably expect federal support or support from other conventional funding sources. There should also be a discussion of the broader ramifications of your work once it is completed. Notification of a successful application usually follows within two weeks of board meetings. A true emergency may be considered outside this schedule.

**Recent Past Grants**

- **$11,900, Natural History Museum of Los Angeles:**
  “Evolution and Paleobiology of Primitive Birds,” to study 100 Chinese fossils of the Mesozoic bird, Confuciousornis sanctus, which is at the crossroads of dinosaur-to-bird evolution.

- **$17,900, James Madison University:**
  “A systems biology approach to understanding an ecologically threatened river ecosystem in the Chesapeake Bay Watershed,” to sequence and investigate the impacts of increasing algal blooms.

- **$25,495, Drexel University:**
  “Erythritol sweetener as insecticide,” to explore the effectiveness of an insecticide that is not toxic to humans.

- **$24,000, College of the Atlantic:**
  “Baleen whale survey” to explore the effectiveness of an insecticide that is not toxic to humans.
$28,290, New York Botanical Garden
“Laying the Foundation for Fern Genomics: Investigations in Marsilea Biology” to explore the effectiveness of an insecticide that is not toxic to humans.

22. Gates Foundation
Website Link: https://www.gatesfoundation.org/How-We-Work/General-Information/Grant-Opportunities https://gcgh.grandchallenges.org/challenges
Support Strategies: Research
Funding: $100,000 seed money for pilot, then more money if the program is seen to be effective
Deadline(s): Varies

Description: Established in 1994 in WA as the William H. Gates Foundation - The William H. Gates Foundation, focused on global health, was created in 1994 by Microsoft co-founder William H. "Bill" Gates, III and his wife, Melinda French Gates. Three years later, he and Melinda created the Gates Library Foundation, which worked to bring public access computers with Internet connections to libraries in the United States. Its name changed to the Gates Learning Foundation in 1999 to reflect its focus on ensuring that low-income minority students are prepared for college and have the means to attend. In 2000, to increase efficiency and communication, the two organizations merged into the Bill & Melinda Gates Foundation.

Guided by the belief that every life has equal value, the Bill & Melinda Gates Foundation works to help all people lead healthy, productive lives. In developing countries, it focuses on improving people’s health and giving them the chance to lift themselves out of hunger and extreme poverty. In the United States, it seeks to ensure that all people—especially those with the fewest resources—have access to the opportunities they need to succeed in school and life. Grantmaking areas are: 1) Global Development: to help the world’s poorest people lift themselves out of hunger and poverty; 2) Global Health: to harness advances in science and technology to save lives in developing countries; and 3) U.S. Division: to improve U.S. high school and postsecondary education and support vulnerable children and families in Washington State. Grand Challenges is a family of initiatives fostering innovation to solve key global health and development problems. Each initiative is an experiment in the use of challenges to focus innovation on making an impact. Individual challenges address some of the same problems but from differing perspectives.

In 2008, we launched Grand Challenges Explorations to encourage even bolder approaches in specific areas. Anyone with a great idea can apply using a simple two-page online application; no preliminary data is required. Initial grants are for US$100,000, and successful projects have the opportunity to receive a follow-on grant of up to US$1 million.

23. INNOCENTIVE Challenges
Website Link: https://www.innocentive.com/ar/challenge/browse
Support Strategies: Variety of awards
Funding: Up to $100,000
Deadline(s): Ongoing

Description: Do you want to solve problems that matter? Sign up for InnoCentive to join our Solver network. After sign-up, you’ll have access to problems from a diverse set of corporations, public sector agencies, and non-profits from around the world – what we call ‘Seekers.’
Most challenges require solutions from STEM science, in particular: chemistry, physics, biology, and engineering. Some challenges are in education, communication science, and other disciplines.
If your solution is chosen by a Seeker, you will receive an award. The average award amount for a Challenge is $20,000, but some offer awards of over $100,000.
InnoCentive acts as an intermediary, protecting your intellectual property and ensuring solutions are evaluated on merit alone.
Sample challenges:
Novel Methods for Controlling Non-native Marine Species
Grunenthal Challenge: Restoring the Normal Function of Neurons After Intoxication by Tetrodotoxin (Fugu fish) or Similar Neurotoxins

Provided by the Research Development
Stacey_L_Smith@baylor.edu X3252 or Virginia_Keamey@baylor.edu X6833
### 24. John S. Dunn Foundation

**Website Link:** [www.johnsdunnfoundation.org](http://www.johnsdunnfoundation.org)  
**Deadline(s):** April, July, and October

**Support Strategies:** Research  
**Funding:** Varies

**Description:** The Foundation grants are limited to institutions in the State of Texas and the Foundation’s grants are generally approved for nursing programs, healthcare clinics for the underserved, mental health programs, and medical research and healthcare education in the Greater Houston area. A preliminary inquiry should be submitted in writing. If the project falls within the Foundation’s sphere of interests, the request for support will be placed on the Foundation’s agenda for consideration. Site visits may be conducted by staff or trustees, as deemed necessary by the Foundation.

If an applicant believes that more information would be helpful, supplemental material in narrative form may be submitted to provide further explanation and clarification. Such material may expand upon the request, regarding the nature, objectives, and activities of the organization, as well as the need to be met and the project or program designated to address that need.

The full Board of Trustees meets four times annually in January, April, July, and October at which time decisions are made to approve or disapprove the various grant proposals. Applicants whose proposals are approved for funding receive a Letter of Approval which outlines the terms and conditions of the grant. In some cases, an authorized official of the recipient organization signs and returns the letter to the Foundation, thereby indicating acceptance of those terms and conditions.

Generally, the Foundation typically does not give multi-year grants; however, matching grants and collaboration are encouraged.

**Please direct all correspondence and original proposals to:**

JOHN S. DUNN FOUNDATION  
3355 West Alabama, Suite 990  
Houston, Texas 77098  
Telephone: 713-626-0368  
Facsimile: 713-626-3866  
E-mail: jsdrf@swbell.net

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### 25. Johnson & Johnson (Limited Submission)

**Website Link:** [https://www.jnj.com/wistem2d](https://www.jnj.com/wistem2d)  
**Deadline(s):** Internal application due 8/14

**Support Strategies:** Engineering, Manufacturing and Design, Math, Science, Technology  
**Funding:** $150,000 in funding and three years of mentorship from Johnson & Johnson leaders as well as members of the Award’s Advisory Board

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

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### 26. (W. M.) Keck Foundation (Limited Submission)

**Website Link:** [www.wmkeck.org](http://www.wmkeck.org)  
**Deadline(s):** Internal application due 5/6 and 11/6

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Support Strategies: Research in science and engineering; medical research; undergraduate education

Funding: The average size and duration of grants vary by project and program area. Research grants range from $500,000 to $5 million and are typically $2 million or less.

Description: In recent years, the Foundation has focused on Science and Engineering Research; Medical Research; Undergraduate Education; Each of our grant programs invests in people and programs that are making a difference in the quality of life, now and for the future.

Supporting pioneering discoveries in science, engineering and medical research have been our mandate for a half-century. By funding the work of leading researchers, the establishment of unique laboratories and research centers, and the purchase of sophisticated instruments, we are laying the groundwork for breakthrough discoveries and new technologies that will save lives, provide innovative solutions to complex problems and add immeasurably to our understanding of life on Earth and our place in the universe.

See instructions for concept papers here: http://www.wmkeck.org/grant-programs/faq/214-grantprograms/shared/1482-concept-papers

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27. Kern Family Foundation

Website Link: https://www.kffdn.org/

Support Strategies: Education, STEM, Entrepreneurship

Funding: Varies

Description: The Foundation enriches American lives by promoting the value of work, developing the formation of good character, increasing educational achievement – particularly in science, technology, engineering and math – and instilling an entrepreneurial mindset, especially in undergraduate engineering students. We intentionally focus on systemic change, rather than charity, by partnering with broad-impact, long-term programs that align with one or more of our focus areas:

1. **Forming Good Character**
2. **Providing Quality Education**
3. **Instilling an Entrepreneurial Mindset**
4. **Rediscovering the Value of Work**

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28. Michelson Prizes from Human Vaccines Project

Website Link: https://www.humanvaccinesproject.org/
https://www.humanvaccinesproject.org/michelson-prize/

Support Strategies: funding for early career faculty

Funding: $150,000

Description: The Michelson Prizes are scientific awards of $150,000 given annually to young investigators who are applying disruptive concepts and inventive processes to advance human immunology, vaccine discovery, and immunotherapy research across major global diseases.

The 2020 Michelson Prizes will focus on advances in human immunology to accelerate the development of more effective vaccines and immunotherapies. We will be looking for high-impact and highly innovative research that has the potential to be applied across many diseases and to significantly expand our understanding of the human immune system.

Eligibility: Applicants must be under 35 but do not have to be tenure-track faculty, doctoral students, postdocs and non-tenure track faculty are eligible.

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29. Mizutani Foundation for Glycoscience

Website Link: http://www.mizutanifdn.or.jp/grant/apply.html

Support Strategies: Research

Funding: JPY 7,000,000 for each project.

Description **Mizutani Foundation for Glycoscience** invites grant applications for basic and applied studies in the field of glycoscience. **Eligibility**

An applicant must 1) have a doctor's degree or its equivalent, 2) have a documented capability of performing independent studies and 3) be a member of a research institute where he or she can carry out the proposed project. Previous grant recipients who were awarded prior to 2013 are eligible.
**Grant**

As much as 7,000,000 yen may be requested. In principle, a grant will be approved for one year; however, if desired, the period can be extended up to one year with the approval of the Foundation. The total budget for grants is 70,000,000 yen per annum. No more than 10% of the grant may be used for indirect costs (overheads), and no part of the grant may be used for stipends of the principal and/or collaborative investigators.

**Selection** The applications will be reviewed by the selection committee, consisting of specialists appointed by the Foundation, based on 1) glycoscience field, 2) originality, 3) scientific and social merit and 4) feasibility (see guidelines for further detail.)

**Application** Applicant must 1) make online registration from here, and also 2) submit a set of application documents by courier or post. Please obtain application guidelines and form in your preferred format.

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**30. National Geographic: Our Changing Planet/ ecosystems/environment**

Website Link: [https://www.nationalgeographic.org/grants/grant-opportunities/](https://www.nationalgeographic.org/grants/grant-opportunities/)

<table>
<thead>
<tr>
<th>Support Strategies: Research that furthers understanding of the planet</th>
<th>Funding: Standard grants $30,000-50,000; Early Career: $5,000 -10,000</th>
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</table>

**Description:** The National Geographic Society is a nonprofit scientific and educational organization that pushes the boundaries of exploration to further our understanding of our planet and empower us all to generate solutions for a more sustainable future.

Our explorers continue to push the boundaries of knowledge. To date, we’ve given out more than 13,000 grants to scientists and conservationists whose work is making a significant difference in the world. We support critical projects like the [Big Cats Initiative](https://www.nationalgeographic.org/grants/grant-opportunities/), which has helped stop more than 2,600 big cat mortalities in the wild, and the [Pristine Seas project](https://www.nationalgeographic.org/grants/grant-opportunities/), which has helped protect more than 5.2 million square kilometers of the ocean’s last wild places.

And with our planet’s future at stake, we’re focused on the guardians of that future: our children. Our [education programs](https://www.nationalgeographic.org/grants/grant-opportunities/) give teachers the tools they need to engage students of all ages, reveal our interconnected world, and inspire new generations of responsible citizens, explorers, and changemakers.

**The Human Journey Grant** focuses on learning more about who we are and what our future is on this planet. It supports projects in a range of fields that are helping us understand the origins and development of our species; how we modified and adapted to diverse landscapes across the globe; the evolution of cultures and societies; and the status of and trends in our cultural, linguistic, and genetic diversity. Recognizing that human society is currently out of balance with the natural world, this lens also seeks projects that propose solutions to mitigate this imbalance. The Human Journey supports innovative leaders in research, conservation, technology, education, and communication who will change human attitudes and behaviors to help protect the cultural and natural resources of this planet and secure our future.

**Questions:**

- How will your project advance our understanding of how our species evolved and migrated across the globe?
- What will your project tell us about past societies that is relevant to the present and future?
- How will your project reveal the status of human diversity on this planet, and address threats to that diversity?
- What will your project tell us about how human beings and human societies shape and are shaped by the environment around them?
- How will your project use innovations in technology, storytelling, and education that will inspire people to better understand and protect the cultural and natural resources of this planet, and work to make these resources more resilient?

**Our Changing Planet** comprises projects looking at a spectacular variety of ever-changing systems on land and in the sea. The dynamic ecosystems of the Earth and its ocean provide the energy, minerals, food, and water that sustain life on the planet, yet they are increasingly threatened by exploitation, mismanagement, and climate change. Because our remarkable species can also provide solutions to environmental problems, we must understand these processes to develop more informed decisions. This lens seeks to reduce negative
impacts on ecosystems, Earth processes, and human societies by increasing knowledge and inspiring action to develop effective solutions. Our Changing Planet supports innovative leaders in conservation, education, research, storytelling, and technology who seek a deeper understanding of Earth and its systems, as well as those who seek practical solutions for conserving large natural spaces on land and in the sea to promote long-term sustainability.

Questions:

- How will your project advance our understanding of the geological and biological history of Earth, and how does this knowledge inform our present and future?
- How will your project reveal gaps in our knowledge of Earth and ocean ecosystems and processes (including climate, tectonics, and geohazards), and how can we use that knowledge to better inform decisions and protect human communities?
- What will your project tell us about better ways to manage and protect large natural spaces on land and in the sea?
- How will your project provide innovative insights into, or solutions for, mitigating carbon dioxide levels in the atmosphere?

How will your project use innovations in technology, storytelling, and education that will inspire people to better understand and protect the Earth, and work for a more sustainable future?

Uncovering Human Origins Grant:
The goal of this fund is to encourage more investigation of hominid evolution in Africa and Asia, with preference given to projects in relatively unexplored parts of those continents. Preference will also be given to applicants who are residents or citizens of the country of fieldwork as well as to projects with strong local capacity development components.

Priority will be given to projects that aim to do one or more of the following:

- Discover or explore new paleoanthropological fossil sites in Africa or Asia, particularly those in Central and West Africa and those in East, Southeast, South, and Central Asia
- Increase understanding of the biological, cultural, or ecological parameters of human origins in Africa or Asia
- Develop local capacity in human origins exploration in Africa or Asia. Applicants may request up to US $50,000, though grants are typically funded for less than US $30,000.

Up to 20 percent of the requested amount can be used as stipends for the applicant or team members (please see the How to Apply page for stipend eligibility requirements and other budgetary guidance). Projects focused around education or storytelling should explicitly state the plan for evaluating the impact of the work. On the application, please select “Human Origins” for the RFP.

31. (William and Ella) Owens Medical Research Foundation

<table>
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<tr>
<th>Website Link:</th>
<th>Deadline(s):</th>
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<tr>
<th>Support Strategies:</th>
<th>Funding:</th>
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<tbody>
<tr>
<td>Cancer Research</td>
<td>Varies</td>
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</table>

Description: This foundation does not have a website, but they fund grants related to cancer being done in Texas. They tend to fund medical research facilities, but it might be worth contacting them to see if they are interested. Here is a bit of information:

The proposal should use the NIH format and required information. Application form required.

**CONTACT by mail first:**

William and Ella Medical Research Foundation
8452 Fredericksburg Road, PMB# 197
San Antonio, Texas 78229
(210) 698-2162

- The William and Ella Owens Medical Research Foundation awards grants to support research, causes, treatments, and prevention of a variety of diseases and disorders. The William and Ella Owens Medical
Research Foundation awards grants for “original research on the cause, treatment or prevention of human diseases or disorders.” This includes basic and applied research, as well as clinical trials.

- This under-the-radar funder does not operate a website or have any formally paid staff members. However, it awards some relatively sizeable grants for the study of a variety of diseases including, but not limited to age-related macular degeneration, breast cancer, Alzheimer’s, type 1 diabetes, and Parkinson’s.
- Examination of the foundation’s most recent tax filings show that cancers appear to receive a good deal of funding attention. That said, Owens leaves plenty of funding room for other diseases and disorders.
- Grants range from around $50,000 to $100,000, and more often than not go to large medical institutions such as Memorial Sloan-Kettering and universities. A few smaller clinics and medical research facilities also make the Owens grant roster each year.
- The Owens Medical Research Foundation favors organizations in Texas. While this isn’t an exclusive rule, grant seekers in other states should keep this preference in mind when submitting an application.
- The foundation accepts unsolicited applications, with submission deadlines falling on July 1 of each year. Grantees should follow the National Institutes of Health application format for their funding requests.

### 32. PHRMA Foundation

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<tr>
<td>Support Strategies: Research</td>
<td>Funding: Up to $100,000 for 1 year</td>
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**Description:**
These awards fund proposals that identify and address challenges in research conducted to assess the value of medicines and health care services.

**Application deadline**
Letters of intent to apply for a 2019 Value Assessment Initiative Research Award are due April 15, 2018. Applicants will be notified by June 15 if they should proceed with a full application. Applications will be due September 1, 2018. Contact the PhRMA Foundation at 202-572-7756 for more deadline information about these awards.

**Eligibility**
Award opportunities are open to all individuals and organizations with training in health economics, outcomes research, clinical sciences or healthcare evaluation. Eligible applicants should hold an advanced degree in a field of study logically or functionally related to the proposed activities, such as a Ph.D. or equivalent. Interdisciplinary collaboration is highly encouraged. At least one collaborator must also have a firm commitment from an accredited U.S. university or research organization, and at least one collaborator must be a U.S. citizen or permanent resident by the time of initiation of this award.

**Funding:** Varying levels, up to $100,000, for a one-year period. Level of funding will depend on the scope of proposed activities. A maximum of 20 percent of the award may be used for indirect institutional costs.

**Important:** Please click on topics in blue, above, to learn full details about this award.

**ABOUT THE VALUE ASSESSMENT INITIATIVE RESEARCH AWARDS**
Value assessment in health care comprises a broad set of methods to synthesize and evaluate the relative benefits and costs of health care interventions. The goal of value assessment is to assist stakeholders, including patients, providers, and payers, in making informed decisions to improve health and care efficiency. These assessments are conducted using varied methodological approaches to synthesize data from various sources to guide individual or population-level decisions. For greatest impact, these methods should offer opportunities to incorporate patient characteristics and their preferences to guide treatment decisions.
However, there are a number of limitations of the data sources, methodologies and measures applied in value assessment. Additionally, existing data sources do not allow for complete capture of patient-level information or preferred outcomes.
The PhRMA Foundation is seeking proposals that identify and address challenges in research conducted to assess the value of medicines and health care services.

Example topics may include, but are not limited to:
- Measurement and reporting of value elements
- Frameworks for value assessment
- Selection and reporting of study populations
- Collection and measurement of patient-centered outcomes
- Heterogeneity of patient preferences
- Value element aggregation techniques
- Uncertainty in model parameters or structures
- Incorporation of real-world data
- Value from different stakeholder perspectives
- Ethical considerations
- Development of decision tools

Click here to view the 2018 Value Assessment Initiative – Research Awards Request for Proposals with more information.

### 33. Research Corporation for Science Advancement: Cottrell Scholars

<table>
<thead>
<tr>
<th>Website Link: <a href="http://rescorp.org/cottrell-scholars/summary-of-awards">http://rescorp.org/cottrell-scholars/summary-of-awards</a></th>
<th>Deadline(s): May 15</th>
</tr>
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<tbody>
<tr>
<td>Support Strategies: Early Career Award in chemistry, physics, and astronomy</td>
<td>Funding: $100,000</td>
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</tbody>
</table>

**Description:** The Cottrell Scholar (CS) program champions the very best early career teacher-scholars in chemistry, physics, and astronomy by providing significant discretionary awards for research. Nurturing an interdisciplinary community of outstanding scientific/academic leaders, the CS program fosters synergy among faculty at major American research universities and primarily undergraduate institutions. Cottrell Scholars engage in an annual networking event, providing them an opportunity to share insights and expertise through the Cottrell Scholar Collaborative. Outstanding candidates are admitted to the ranks of Cottrell Scholars through a stringent peer-review process based on their innovative research proposals and education programs. As Scholars rise to academic leadership roles, several levels of competitive funding are available to assist them. Post-tenure Cottrell Scholars may compete for the prestigious FRED Award supporting early stage, potentially transformative research.

### 34. Alfred P. Sloan Research Foundation: Research Fellowships (Limited Submission)

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<tbody>
<tr>
<td>Support Strategies: Information and Referral, Program evaluations, Public engagement and education, Regulation and administration, Research, Research and evaluation</td>
<td>Funding: Varies dependent upon funding opportunity; Sept. for Research Fellows</td>
</tr>
</tbody>
</table>

**Description:** The Alfred P. Sloan Foundation makes grants primarily to support original research and education related to science, technology, engineering, mathematics, and economics. The Foundation believes that these fields—and the scholars and practitioners who work in them—are chief drivers of the nation's health and prosperity. The Foundation also believes that a reasoned, systematic understanding of the forces of nature and society, when applied inventively and wisely, can lead to a better world for all.

**Sloan Research Fellowships**

Must be early career tenure-track faculty in chemistry, computational or evolutionary molecular biology, computer science, economics, mathematics, neuroscience, ocean sciences, physics or related field. 2-year fellowships to 126 researchers each year ($65,000)
Up to 3 candidates can be nominated by a department. Apply through the foundation’s portal: [https://sloan.org/fellowships/apply](https://sloan.org/fellowships/apply)
The Foundation awards approximately 200 grants per year (excluding the Sloan Research Fellowships), totaling roughly $80 million dollars in annual commitments in support of research and education in science, technology, engineering, mathematics, and economics

### Programs

- **Science**
  - Economics
  - Higher Education
  - Digital Technology
  - Public Understanding
  - Working Longer
  - Energy & Environment
  - Initiatives
  - Completed Programs

### Grants

- Apply
- For Grantees
- Grants Database

### Sloan Research Fellowships

- About
- Apply
- FAQ

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<tr>
<th>35. Smithsonian Institution</th>
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<tr>
<td><strong>Website Link:</strong> Opportunities: <a href="https://www.smithsonianofi.com/fellowship-opportunities/">https://www.smithsonianofi.com/fellowship-opportunities/</a></td>
</tr>
<tr>
<td><strong>Application Deadlines:</strong> <a href="https://www.smithsonianofi.com/smithsonian-fellowship-application-deadlines/">https://www.smithsonianofi.com/smithsonian-fellowship-application-deadlines/</a></td>
</tr>
<tr>
<td><strong>Deadline(s):</strong> Varies</td>
</tr>
<tr>
<td><strong>Support Strategies:</strong> Fellowships, Research, Research and evaluation</td>
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<tr>
<td><strong>Funding:</strong> Varies</td>
</tr>
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</table>

**Description:** The Smithsonian Institutions have a wide variety of opportunities for research and study in any of the museums. The Smithsonian Opportunities for Research and Study (SORS) Guide is meant to help would-be researchers, students, fellows, interns, partnership-builders, and anybody else who is interested better navigate research and study opportunities at the Smithsonian.

If you’re looking for a mentor, adviser, collection, or other opportunity at the Smithsonian that matches your study and/or research goals – this is a great place to start.

Looking for a particular topic area? Click [here](https://www.smithsonianofi.com/fellowship-opportunities/) to open SORS as a pdf...search the whole document by any keyword.

**Research Associates** are senior experts in their field who maintain a formal scholarly affiliation with the Smithsonian. Their appointments last for three years but can be renewed. In some cases, Research Associates are given access to Smithsonian collections and facilities. In exchange, they bring their own outside expertise and knowledge to the Smithsonian for the increase and diffusion of knowledge to all.

With approval from a Smithsonian unit director, Research Associates are nominated by a member of the Smithsonian’s Research staff. Smithsonian Research Associate appointments are authorized by Smithsonian Directive SD-205, which can be seen [here](https://www.smithsonianofi.com/fellowship-opportunities/).
A list of Smithsonian’s Research staff can be found in the Smithsonian Opportunities for Research and Study (SORS). You can apply to most internships and fellowships using our online application system – SOLAA.

**36. Venture Well**

**Website Link:** [https://venturewell.org/faculty-grants/](https://venturewell.org/faculty-grants/)

**Recent Grants:** [https://venturewell.org/portfolio-category/faculty-grants/](https://venturewell.org/portfolio-category/faculty-grants/)

**Support Strategies:** STEM education grants

**Funding:** $30,000

**Deadline(s):** Fall

**Description:** VentureWell Faculty Grants provide up to $30,000 to help fund and support faculty with innovative ideas to create new or transform existing courses and programs to help students develop novel, STEM-based inventions and gain the necessary entrepreneurial skills needed to bring these ideas to market.

We will be seeking proposals for areas that will support the emerging generation of inventors and innovators and the i&e ecosystems critical to their success.

Successful grant proposals include:

- A focus on technology entrepreneurship
- Experiential learning by doing, and creative approaches to solving real world problems,
- The formation of student teams focused on technology inventions with positive social and/or environmental impact
- A supportive entrepreneurial ecosystem for student teams to pursue commercialization
- A plan for continuation of the course or program after VentureWell funding

For questions please contact: [grants@venturewell.org](mailto:grants@venturewell.org)

**37. (Robert A) Welch Foundation**

**Website Link:** [http://www.welch1.org/grants-programs](http://www.welch1.org/grants-programs)

**The proposal CENTRAL website** ([https://proposalcentral.altum.com](https://proposalcentral.altum.com))

**Deadline(s):** January

**Support Strategies:** Individual research grants and awards

**Funding:** Varies by program

**Description:** The Welch Foundation supports fundamental chemical research at educational institutions within the state of Texas. The Foundation has contributed to the advancement of chemistry through research grants, departmental programs, endowed chairs, Texas Interscholastic League Foundation scholarships and other programs. Please select a program area to obtain additional information and a link to our grants management system in proposal Central.

- **RESEARCH GRANTS**
- **DEPARTMENTAL GRANTS**
- **ENDOWED CHAIRS**
- **TILF SCHOLARSHIPS**
- **WELCH SUMMER SCHOLAR PROGRAM**

A research grant provides a minimum of $65,000 per year in funding to support research in chemistry by a full-time regular faculty member with tenure or on tenure-track who serves as principal investigator. Applications are restricted to universities, colleges, or other educational institutions located within the state of Texas and also listed as an educational institution by the Texas Higher Education Coordinating Board.

The grantee may use funds for fellowships, scholarships, permanent scientific equipment, expendable scientific items, services, equipment maintenance, publication expenses, and travel according to The Foundation’s guidelines.

**Awards Overview**

The Welch Foundation bestows two awards on an annual basis when warranted. Please select an award to obtain more information concerning these programs.

**WELCH AWARD IN CHEMISTRY**

The purpose of The Welch Award in Chemistry is to foster and encourage basic chemical research and to recognize, in a substantial manner, the value of chemical research contributions for the benefit of humankind. Must be nominated. Award is $500,000

[READ MORE](https://www.welch1.org/grants-programs)
NORMAN HACKERMAN AWARD IN CHEMICAL RESEARCH (Limited Submission – application due 7/15) The Norman Hackerman Award recognizes the accomplishments of chemical scientists in Texas who are early in their careers. It is designed to encourage scientists who are embarking on careers dedicated to increasing our fundamental understanding of chemistry. Must be nominated and must be within 10 years of Ph.D. Award is $100,000. 
READ MORE