Potential Funders for **Environmental Science**

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)

<table>
<thead>
<tr>
<th>Grant Toolkits Currently Available:</th>
<th>NSF</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NIH</strong></td>
<td>1) CAREER</td>
</tr>
<tr>
<td>1) R15 Grant Toolkit</td>
<td>2) Discovery DRK-12</td>
</tr>
<tr>
<td>2) R21 Grant Toolkit</td>
<td>3) MRI</td>
</tr>
<tr>
<td>3) K01 Career</td>
<td>4) PFI</td>
</tr>
<tr>
<td>4) R01 and R01 Multi-PI</td>
<td>5) REU</td>
</tr>
<tr>
<td>5) MIRA</td>
<td>6) Graduate Student Fellowship Program (GRFP)</td>
</tr>
</tbody>
</table>
Index:

Note on the Using the Funding Lists:

- 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).
- The index is hyperlinked to lead you to a table with more information. Ctrl+Click on index items to go to the table.
- Within the table, Ctrl+Click to follow links to funder’s website.

Government Funders

1. **CDC: Centers for Disease Control**
2. **DOC: Department of Commerce**: economic development, measurement science and engineering, National Oceanic and Atmospheric Administration
3. **DOD: Department of Defense**
4. **DOE: Department of Energy**: advanced scientific computing, basic energy, biological and environmental research, high energy physics and nuclear physics
5. **EPA: Environmental Protection Agency**
6. **HHS: Health and Human Services**
7. **MMC: Marine Mammal Commission**
8. **NIH: National Institutes of Health** [Grant Toolkits Available **HERE**]
9. **NSF: National Science Foundation** [Grant Toolkits Available **HERE**]
10. **TCEQ: Texas Commission on Environmental Quality**
11. **USFWS: U.S. Fish and Wildlife Services**
12. **USONR: United States Office of Naval Research**

Non-Government Funders

13. **American Chemical Society Grants**: Fundamental research in petroleum
14. **(Arnold and Mabel) Beckman Foundation**: Young Investigators in Life Sciences and Chemistry
15. **Burroughs Wellcome Fund**: Biological scientists who desire to collaborate with a physical scientist, mathematician, or engineer are also encouraged to apply
16. **Coca-Cola Foundation, Inc.**: Biology/limnology, ecology, environmental science
17. **Colgate-Palmolive**: Grants for alternatives to animal research toxicology studies
18. **Discovery Institute**: Role of science in culture
19. **Earthwatch**: Ecological research which includes citizen-scientists
20. **Environmental Research and Education**: Waste management, solid waste, biofuels, recycling.
21. **Eppley Foundation for Research**: Chemistry, physics and biology, who ecosystem studies, climate change and single species of significance to their environment
22. **Gates Foundation**: Grants in global health and global development
23. **Health Effects Institute**: Air pollution grants for early career
24. **INNOCENTIVE Challenges**: A variety of challenge problems from different partners that you can offer solutions for to get awards of up to $100,000. Most challenges require solutions from STEM science, in particular: chemistry, physics, biology, and engineering. Some challenges are in education, communication science and other disciplines.
25. **The Meadows Foundation** *(Limited Submission)*: Ecology, education, environmental science, psychology, social work education in Texas—especially Dallas area
26. **Mott Foundation**: Education, Civil Society, Environment
27. **National Fish and Wildlife Foundation**: Biology, environmental science
28. **National Geographic Society**: Conservationist projects and ecology education
29. *(NANP)* **North American Nature Foundation**: Photography grant for environmental project
30. **North Pacific Research Board**: Migratory animals and birds, oceanography, marine zoology, natural resources management, habitats, molecular marine biology, environmental monitoring, marine environment, laboratory practice or procedure, etc.
32. **PADI Foundation**: Aquatic environments
33. **Save Our Seas Foundation**: Small and large grants for conservation research on marine megafauna (Sharks, Rays and Skates)
34. **Sea World and Busch Gardens Conservation Fund**: Grassroots conservation projects.
35. **Simons Foundation**: Questions about biology
36. **Sloan Research Foundation** *(Limited Submission)* Chemistry, computational or evolutionary molecular biology, computer science, economics, mathematics, neuroscience, ocean sciences, physics
37. **Water Environment and Reuse Foundation**: Wastewater research
38. **XPrize competitions**: Variety of large prizes for groups to solve problems, scientists, engineers and innovators

- *New as of 2019*

---

### Government Funders

<table>
<thead>
<tr>
<th>1. CDC: Centers for Disease Control and Prevention</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Website Link:</strong> <a href="https://www.cdc.gov/grants/applying/find-nofo.html">https://www.cdc.gov/grants/applying/find-nofo.html</a></td>
</tr>
<tr>
<td><strong>Support Strategies:</strong> Research</td>
</tr>
<tr>
<td><strong>Description:</strong> CDC conducts and supports research that guides our public health programs. <strong>On the cutting edge of health security</strong> – confronting global disease threats through advanced computing and lab analysis of huge amounts of data to quickly find solutions. <strong>Putting science into action</strong> – tracking disease and finding out what is making people sick and the most effective ways to prevent it. <strong>Helping medical care</strong> – bringing new knowledge to individual health care and community health to save more lives and reduce waste. <strong>Fighting diseases before they reach our borders</strong> – detecting and confronting new germs and diseases around the globe to increase our national security. <strong>Nurturing public health</strong> – building on our significant contribution to have strong, well-resourced public health leaders and capabilities at the national, state and local levels to protect Americans from health threats. All CDC <a href="https://www.cdc.gov/grants/applying/find-nofo.html">grant</a> and <a href="https://www.cdc.gov/grants/applying/find-nofo.html">cooperative agreements</a> opportunities are posted on <a href="http://www.grants.gov">www.grants.gov</a></td>
</tr>
<tr>
<td>• Eligibility</td>
</tr>
</tbody>
</table>
• Key Steps of the Application Process
• Tips for Preparing Grant Applications
• Understanding the Notice of Funding Opportunity (NOFO)

Find Funding Opportunities
• Understand the Review Process
• Frequently Asked Questions
• Application Resources

2. Department of Commerce

Website Link: https://www.commerce.gov/work-with-us/grants-and-contract-opportunities
Search at Grants.gov for open Department of Commerce grants
NIST Search engine: https://www.nist.gov/about-nist/funding-opportunities

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

Description: Economic Development Administration (EDA) The Economic Development Administration's (EDA's) mission is to lead the Federal economic development agenda by promoting innovation and competitiveness, preparing American regions for economic growth and success in the worldwide economy.

Funding Opportunities

International Trade Administration (ITA)
Market Development Cooperator Program

National Institute of Standards & Technology (NIST) Measurement science and engineering. Working with industry and science to advance innovation and improve quality of life. Opportunities for research on measurement and contrain through solving manufacturing problems, working with new technologies like virtual reality to solve problems, and also undergraduate program research with NIST scientists.

Funding Opportunities

National Telecommunications & Information Administration (NTIA)
Telecommunications Grants
National Oceanic & Atmospheric Administration (NOAA)
Coastal Ocean Program Grant Information
Fisheries Saltonstall-Kennedy Grant Program
National Undersea Research Program Funding Opportunities
Grants Management Division
Fisheries Grants Program
National Sea Grant
Office of Global Programs

3. Department of Defense (DoD)

Website Link: http://cdmrp.army.mil/funding/

Find DoD grants through:
DoD Research and Engineering: https://www.acq.osd.mil/chieftechnologist/funding.html
Federal GrantsWire: https://www.federalgrantswire.com/federal-grants-by-agency.html#.WjfdFVWnGUk

<table>
<thead>
<tr>
<th>Support Strategies: Generally larger research grants related to military applications, veterans, or help for families of military</th>
<th>Funding: Varies</th>
</tr>
</thead>
</table>

Description: DoD offers funding for research in the areas of medical biotechnology, engineering, and military technology.

Funding Opportunities Medical
• Alcohol and Substance Abuse

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

Last edited November 2019
• Amyotrophic Lateral Sclerosis
• Autism
• Bone Marrow Failure
• Breast Cancer
• Defense Medical Research and Development Program
  o Medical Simulation and Information Sciences Research Program (JPC-1)
• Duchenne Muscular Dystrophy
• Epilepsy
• Gulf War Illness
• Hearing Restoration
• Kidney Cancer
• Lung Cancer
• Lupus
• Multiple Sclerosis
• Neurofibromatosis
• Orthotics and Prosthetics Outcomes
• Ovarian Cancer
• Parkinson’s
• Peer Reviewed Alzheimer’s
• Peer Reviewed Cancer
• Peer Reviewed Medical
• Peer Reviewed Orthopaedic
• Prostate Cancer
• Psychological Health/Traumatic Brain Injury
• Reconstructive Transplant Research
• Spinal Cord Injury
• Tick-Borne Disease
• Vision
1. Synopsis of Current Program Funding Opportunities
2. How to Apply
3. Avoiding Research Duplication
4. 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 BAAAs

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

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

Provided by the Research Development
Stacey_L_Smith@baylor.edu X3252 or Virginia_Kearney@baylor.edu X6833
4. 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):** Varies

**Support Strategies:** Research

**Funding:** Varies

**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 provide 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. 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*

---

5. EPA: Environmental Protection Agency

**Website Link:** [https://www.epa.gov/research-grants/research-funding-opportunities](https://www.epa.gov/research-grants/research-funding-opportunities)

**Deadline(s):** Varies

**Support Strategies:** Conservation and environment

**Funding:** 4 Billion awarded each year

**Description:** 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.

**Search for open or upcoming funding opportunities.**

Follow the application instructions in the solicitation or RFA. Application instructions, where appropriate, will link back to various forms on this page to download.

**Learn more through research grants guidance.**

- Research Grants Home
- Funding Opportunities
- Research Areas

---

Last edited November 2019

Provided by the Research Development

Stacey_L_Smith@baylor.edu X3252 or
Virginia_Kearney@baylor.edu X6833
6. HHS: United States Department of Health and Human Services

**Website Link:** [www.hhs.gov](https://www.hhs.gov)

**ACF:** [https://ami.grantsolutions.gov/](https://ami.grantsolutions.gov/)

**ACL:** [https://www.acl.gov/grants](https://www.acl.gov/grants)

**AHRQ:** [https://www.ahrq.gov/funding/index.html](https://www.ahrq.gov/funding/index.html)

**NIDILRR:** National Institute of Disability, Independent Living and Rehabilitation Research: [https://www.acl.gov/node/606](https://www.acl.gov/node/606)

**Deadline(s):** Varies dependent upon project

**Support Strategies:** Research and Community Support

**Funding:** Varies

**Description:** It is the mission of the U.S. Department of Health & 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.

**HHS: ACF (Administration for Children and Families) programs aim to:**

- Empower families and individuals to increase their economic independence and productivity
- Encourage strong, healthy, supportive communities that have a positive impact on quality of life and the development of children
- Create partnerships with front-line service providers, states, localities, and tribal communities to identify and implement solutions that transcend traditional program boundaries
- Improve access to services through planning, reform, and integration

Address the needs, strengths, and abilities of vulnerable populations including people with developmental disabilities, refugees, and migrants

**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.**

**Data Collection Projects** - 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.

**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.

**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. Marine Mammal Commission
**Website Link:** [https://www.mmc.gov/grants-and-research-survey/current-funding-opportunities/](https://www.mmc.gov/grants-and-research-survey/current-funding-opportunities/)
**Deadline(s):** Watch website for deadline

<table>
<thead>
<tr>
<th>Support Strategies: Research on marine ecosystems</th>
<th>Funding: Upper $100,000</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong> The Marine Mammal Commission is an independent government agency charged by the <a href="https://www.mmc.gov">Marine Mammal Protection Act (MMPA)</a> to further the conservation of marine mammals and their environment. We work to ensure that marine mammal populations are restored and maintained as functioning elements of healthy marine ecosystems in the world’s oceans. We provide science-based oversight of domestic and international policies and actions of federal agencies with mandates to address human impacts on marine mammals and their ecosystems. Our role is unique—we are the only U.S. government agency that provides comprehensive oversight of all science, policy, and management actions affecting marine mammals.</td>
<td></td>
</tr>
</tbody>
</table>

---

**8. NIH: National Institute of Health**

**Website Link:** [https://www.nih.gov/grants-funding](https://www.nih.gov/grants-funding)

**Open Investigator-Initiated Announcements:** [https://grants.nih.gov/grants/guide/parent_announcements.htm](https://grants.nih.gov/grants/guide/parent_announcements.htm)


**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

<table>
<thead>
<tr>
<th>All NIH Grant Toolkits Available HERE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. R15 Grant Toolkit</td>
</tr>
<tr>
<td>2. R21 Grant Toolkit</td>
</tr>
<tr>
<td>3. K01 Career Grant Toolkit</td>
</tr>
<tr>
<td>4. R01 Grant Toolkit</td>
</tr>
<tr>
<td>5. R01 Multi-PI Grant Toolkits</td>
</tr>
<tr>
<td>6. MIRA Grant Toolkit (includes Early Career)</td>
</tr>
</tbody>
</table>

**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)
9. NSF: National Science Foundation

<table>
<thead>
<tr>
<th>Website Link: <a href="https://www.nsf.gov/">https://www.nsf.gov/</a></th>
<th>Deadline(s) Varies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Broader Impacts Website: <a href="https://www.nsf.gov/od/oia/special/broaderimpacts/">https://www.nsf.gov/od/oia/special/broaderimpacts/</a></td>
<td></td>
</tr>
<tr>
<td>Find grants through:</td>
<td></td>
</tr>
<tr>
<td>NSF Area website (see links below)</td>
<td></td>
</tr>
<tr>
<td>Grants.gov <a href="https://www.grants.gov/">https://www.grants.gov/</a></td>
<td></td>
</tr>
<tr>
<td>Pivot: <a href="https://pivot.cos.com/funding_main">https://pivot.cos.com/funding_main</a></td>
<td></td>
</tr>
<tr>
<td>GrantForward: <a href="https://www.grantforward.com/index">https://www.grantforward.com/index</a></td>
<td></td>
</tr>
<tr>
<td>Federal GrantsWire: <a href="https://www.federalgrantswire.com/federal-grants-by-agency.html#WjfdFVWnGUk">https://www.federalgrantswire.com/federal-grants-by-agency.html#WjfdFVWnGUk</a></td>
<td></td>
</tr>
</tbody>
</table>

**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)

**Description:** Areas:

- Biological Sciences (BIO)
- Computer and Information Science and Engineering (CISE)
- Education and Human Resources (EHR)
- Engineering (ENG)
- Environmental Research and Education (ERE)
- Geosciences (GEO)
- Integrative Activities (OIA)
- International Science and Engineering (OISE)
- Mathematical and Physical Sciences (MPS)
- Social, Behavioral and Economic Sciences (SBE)

10. Texas Commission on Environmental Quality

<table>
<thead>
<tr>
<th>Website Link: <a href="https://www.tceq.texas.gov/">https://www.tceq.texas.gov/</a></th>
<th>Deadline(s): Varies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grants: <a href="https://www.tceq.texas.gov/agency/financial/funding">https://www.tceq.texas.gov/agency/financial/funding</a></td>
<td></td>
</tr>
</tbody>
</table>

**Support Strategies:** Research

**Funding:** Varies dependent upon project

**Description:** The Texas Commission on Environmental Quality strives to protect our state's public health and natural resources consistent with sustainable economic development. Our goal is clean air, clean water, and the safe management of waste. **We offer state and federal funding opportunities to a variety of groups, individuals, and governmental entities to carry out programs supporting our mission. We generally refer to these wide-ranging funding opportunities as "grants."**

We consider grants to be awards in the form of financial assistance—including federal cooperative agreements—made to eligible entities that will derive a primary benefit from the assistance of the granting agency. These grants may be attained through a competitive or non-competitive applications process. Assistance may be in the form of money, property, or other financial assistance paid by us to carry out a program according to state and federal rules, requirements, and guidance.

11. U.S. Fish and Wildlife Service

<table>
<thead>
<tr>
<th>Website Link: <a href="http://www.fws.gov">www.fws.gov</a></th>
<th>Deadline(s): Varies</th>
</tr>
</thead>
</table>

Support Strategies: Research  
Funding: Varies  

Description: We are a bureau within the [Department of the Interior](https://www.fws.gov/birds/).  

Our Objectives:  
1. Assist in the development and application of an environmental stewardship ethic for our society, based on ecological principles, scientific knowledge of fish and wildlife, and a sense of moral responsibility.  
2. Guide the conservation, development, and management of the Nation's fish and wildlife resources.  
3. Administer a national program to provide the public opportunities to understand, appreciate, and wisely use fish and wildlife resources.

Functions  
- Enforce federal wildlife laws,  
- Protect [endangered species](https://www.fws.gov/endangered/),  
- Manage [migratory birds](https://www.fws.gov/migratorybirds/),  
- Restore nationally significant [fisheries](https://www.fws.gov/fisheries/),  
- Conserve and restore wildlife habitat such as [wetlands](https://www.fws.gov/wetlands/),  
- Help foreign governments with their [international conservation efforts](https://www.fws.gov/international/), and  
- Distribute hundreds of millions of dollars, through our [Wildlife Sports Fish and Restoration](https://www.fws.gov/wildliferecords/) program, in excise taxes on fishing and hunting equipment to State fish and wildlife agencies.

### 12. United States Office of Naval Research

Website Link: [www.onr.navy.mil](http://www.onr.navy.mil)  
Deadline(s): Varies  

Support Strategies: Research  
Funding: Varies dependent upon project  

Description: The Office of Naval Research (ONR) fosters, plans, facilitates and transitions scientific research in recognition of its paramount importance to enable future naval power and the preservation of national security. To ensure fairness in consideration of proposals for ONR systems engineering and technical assistance and/or support services, the naval command has implemented policies to protect against [organizational conflicts of interest](https://www.onr.navy.mil/en/Conflicts-of-Interest).  

Headquartered in Arlington, Va., ONR coordinates executes and promotes the science and technology programs of the U.S. Navy and Marine Corps through partnerships with schools, universities, government laboratories, and nonprofit and for-profit organizations. ONR provides technical advice to the Chief of Naval Operations and the Secretary of the Navy and works with industry to improve technology manufacturing processes.  

Solicitations  
Before you submit a proposal for an ONR award, make sure you understand ONR's policies on [conflicts of interest](https://www.onr.navy.mil/en/Conflicts-of-Interest).  

Broad Agency Announcements (BAAs) and Funding Opportunity Announcements (FOAs): A BAA or FOA is used to fill requirements for scientific study and experimentation directed toward advancing the state-of-the-art or increasing knowledge or understanding rather than focusing on a specific system or hardware solution. FOAs only result in the award of an assistance instrument and BAAs may result in the award of both acquisition and assistance instruments. [See current BAAs and FOAs](https://www.onr.navy.mil/en/Contracts-Grants)

### Non-Government Funders

#### 13. American Chemical Society

Provided by the [Research Development](mailto:Stacey_L_Smith@baylor.edu X3252 or Virginia_Kearney@baylor.edu X6833)
Support Strategies: Medicinal or Pharmaceutical Chemistry, Petroleum or Fossil Fuels, and Green chemistry

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

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.

14. (Arnold and Mabel) Beckman Foundation
**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.

**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. Burroughs Wellcome Fund**

| Website Link: [https://www.bwfund.org/programs-offered](https://www.bwfund.org/programs-offered) | **Deadline(s):** Varies |

| Support Strategies: Biomedical Research | **Funding:** Varies—see website for details |

| Description: The Burroughs Wellcome Fund's grantmaking strategies support biomedical scientists at the beginning of their careers and areas of science that are poised for significant advancement but are currently undervalued and underfunded. |

**Grant Programs**
- Ad Hoc Grants
- Biomedical Sciences
- Career Guidance
- Diversity in Science
- Infectious Diseases
- Institutional Programs
- Interfaces in Science
- Regulatory Science
- Reproductive Sciences
- Science Education

**Career Awards at the Scientific Interface (CASI)** provide $500,000 over five years to bridge advanced postdoctoral training and the first three years of faculty service. These awards are open to U.S. and Canadian citizens or permanent residents as well as to U.S. temporary residents.

**The Collaborative Research Travel Grant (CRTG)** program provides up to $15,000 in support for relatively unrestricted travel funds to academic scientists (faculty and postdocs) at U.S. or Canadian degree-granting institutions. Grants must be used for domestic or international travel to another lab to learn new research techniques or begin or continue a collaboration to address biomedical questions. Applicants with a **doctoral degree in the physical, mathematical, or engineering sciences working on a biological problem** are encouraged to apply. Conversely, proposals from **biological scientists who desire to collaborate with a physical scientist, mathematician, or engineer** are also encouraged to apply.

**The Career Guidance for Trainees (CGT)** program provides grants of $30,000 - $50,000 over a one-year period to support demonstration projects that will model affordable approaches to improving trainees’ readiness for...
stable, fulfilling careers, whether by clarifying and improving their basic “Ph.D.-level” skills, by helping them identify how they can best use their skills and interests to serve the needs of potential employers, by providing them approaches to thinking through their career options, or by other strategies.

**Ad Hoc:** To complement these competitive award programs, we also make modest grants on an "ad hoc" basis to nonprofit organizations conducting activities intended to improve the general environment for science. These noncompetitive grants are for activities closely related to our focus areas identified above.

### 16. Coca-Cola Foundation, Inc.

<table>
<thead>
<tr>
<th>Website Link:</th>
<th>Grants:</th>
<th>Deadline(s):</th>
</tr>
</thead>
</table>

**Support Strategies:** Women's economic empowerment, clean water, and well-being through education and youth development

**Funding:** There is no monetary limitation

**Description:** Since our inception in 1984, The Coca-Cola Foundation has given back more than $820 million to enhance the sustainability of local communities worldwide. The Coca-Cola Foundation is our Company’s primary international philanthropic arm. The Foundation was established in the U.S. as a registered 501(c)(3) charitable organization. Foundations grants are awarded throughout the year based on our priorities, tax requirements, legal compliance, and approval by the Foundation's Board of Directors.

All requests for community support in the form of grants or sponsorships must be submitted through our online application system.

To understand the type of initiatives funded by The Coca-Cola Company and its affiliated foundations, please refer to the Community Requests Guidelines & Application website page at [www.cocacolacommunityrequest.com](http://www.cocacolacommunityrequest.com). After reviewing our guidelines and priority areas, you can complete the eligibility questionnaire for further guidance and to access our grant and sponsorship applications. If you are seeking support from The Coca-Cola Company or its affiliate foundations, please review the Frequently Asked Questions before beginning the application process and then respond to the Eligibility Questionnaire as a part of the application process.

**Priority Areas:**
- **Women:** economic empowerment and entrepreneurship
- **Water:** access to clean water, water conservation, and recycling
- **Well-Being:** education, youth development, and other community and civic initiatives

In addition, the Foundation supports many local community programs such as arts and culture, community and economic development programs in the United States, as well as HIV/AIDS prevention and awareness programs in Africa and Latin America. [Download a complete list of 2017 Foundation grants and corporate donations.](https://coca-colacompany.com/our-company/the-coca-cola-foundation)

### 17. Colgate-Palmolive Toxicity Grants

<table>
<thead>
<tr>
<th>Website Link:</th>
<th>Deadline(s): Oct. 9</th>
</tr>
</thead>
</table>

**Support Strategies:** Student research grant

**Funding:** $40,000

**Description:** The Colgate-Palmolive Grant for Alternative Research will identify and support efforts that promote, develop, refine, or validate scientifically acceptable animal alternative methods to facilitate the safety assessment of new chemicals and formulations. Scientists at any stage of career progression may submit a proposal. High priority will be given to projects that:
- **Use in vitro** or non-animal models
- Reproductive and Developmental Toxicology
- Neurotoxicology
- Systemic Toxicology
- Sensitization
- Acute toxicity

[Provided by the Research Development](mailto:Stacey_L_Smith@baylor.edu) X3252 or [Virginia_Kearney@baylor.edu](mailto:Virginia_Kearney@baylor.edu) X6833

Last edited November 2019
Cash stipend is provided as a single lump sum payment. Awardees can apply again for funding. This award consists of a plaque and a maximum cash award of $40,000.

**Criteria for award:**

**Applicant**
- Applicant’s capacity to conduct the described research
  - Must work in an established laboratory or have access to a laboratory able to perform the research detailed in the submission
  - Level of training, experience, and competence commensurate with proposed research
- Quality of past scientific publications
- Do not have to be a current member of the Society of Toxicology (although, if not a member, awardee will apply)

**Implications for Research**
- The project clearly lies within the Primary Research Areas defined
- The project has potential for advancing the field of study
- The project will have an impact on experiments involving animals, and the method replaces the use of animals in research

**Research Plan’s Scientific and Technical Merit**
- Scientific quality and originality of the research plan
- Feasibility of the objectives
- Budget appropriateness and efficiency

Historical Listing of Award Recipients

---

**18. Discovery Institute**

**Website Link:** [https://www.discovery.org/](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. Earthwatch Institute, Inc.**

**Website Link:** [http://earthwatch.org/Research-Funding/Apply-for-Funding](http://earthwatch.org/Research-Funding/Apply-for-Funding)

**Deadline(s):** June

**Support Strategies:** Support research ecology and marine conservation that involves citizen-scientist participants

**Funding:** Between US $20,000–$80,000, renewable

**Description:** Earthwatch supports multidisciplinary field-research projects around the world through funding and by engaging members of the public in research as citizen-scientist participants. Through our participatory science model, we support research that responds to global challenges—from climate change to human-wildlife coexistence to environmental sustainability—in a manner that engages local communities.

To help understand and address global change, Earthwatch supports hypothesis-driven scientific field research in ocean, freshwater, and terrestrial ecosystems. We are especially interested in funding research on sustainable agriculture and forestry, urban ecology, and ecological restoration.

Data collected by principal investigators (PIs) working with citizen-scientist participants increases scientific knowledge by producing peer-reviewed publications and informing management plans and policies that conserve and restore ecosystem services and biodiversity. Research areas supported:

- [Restoration Ecology Action](#)
- [Biodiversity Conservation Action](#)
To fit our citizen-science model, unless otherwise stated in the request for proposals, all proposed projects must:

- Have a 3-year or longer duration (longer-term research may receive priority support);
- Incorporate field-based research;
- Have data gathered primarily by citizen-scientist participants recruited by Earthwatch;
- Field 4 to 10 teams per year that span 7 to 14 days, each accommodating 4 to 20 participants per team as needed for data collection. Team size should not exceed the capacity to effectively engage participants in fieldwork;
- Provide housing for participants within a reasonable distance from the research site;
- Be conducted in English, with all communications and supporting documents in English;
- Educate each team of Earthwatch participants about the research and its relevance; and
- Share project data with appropriate natural-resource managers and (when feasible) contribute to open-source datasets to maximize the impacts of the project.

**We fund the following field expenses:**

- field equipment
- PI and co-PI transport to the field
- participant field transportation
- field technicians
- support staff (including cooks, logistics coordinators, wildlife guards, etc.)
- food and housing for PIs/co-PIs, field technicians, and Earthwatch participants

### 20. Environmental Research and Education Foundation

<table>
<thead>
<tr>
<th>Website Link: <a href="https://erefdn.org/">https://erefdn.org/</a></th>
<th>Funding: $15,000 for lower level projects, up to $500,000 for higher level projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grants: <a href="https://erefdn.org/research-grants-projects/how-to-apply-for-grant/">https://erefdn.org/research-grants-projects/how-to-apply-for-grant/</a></td>
<td>Deadline(s): June</td>
</tr>
<tr>
<td><strong>Support Strategies:</strong> Research in solid waste management and education</td>
<td><strong>Description:</strong> The EREF Board of Directors has set an initiative to ensure research funded reflects EREF's long-term strategic plan to address all areas of integrated solid waste management, with a strong focus towards research that increased sustainable solid waste management practices.</td>
</tr>
</tbody>
</table>

**Definition of Solid Waste Used in this RFP**

It should be noted that EREF defines solid waste to include:

- municipal solid waste (e.g., residential, commercial, institutional)
- construction & demolition debris
- certain industrial wastes (e.g., exploration & production waste, coal ash)
- other wastes typically managed by the solid waste industry or generated by the public not included in the above items (e.g., electronic waste, disaster debris, etc.).

Agricultural wastes (that aren't handled by the waste industry), nuclear waste, and land applied wastewater treatment sludge are generally not included in this definition.

Pre-proposal topics must relate to sustainable solid waste management practices and pertain to the following topic areas:

1. Waste minimization
2. Recycling
3. Waste conversion to energy, biofuels, chemicals or other useful products. This includes, but is not limited to, the following technologies:
   - Waste-to-energy
   - Anaerobic digestion
Composting
Other thermal or biological conversion technologies

4. Strategies to promote diversion to higher and better uses (e.g., organics diversion, market analysis, optimized material management, logistics, etc.)

5. Landfilling
Desirable aspects of the above topics, in addition to or as part of hypothesis-driven, applied research, also include economic or cost/benefit analyses, feasibility studies for untested technologies or management strategies, life cycle analysis or inventory, and analyses of policies that relate to the above.

All pre-proposals must be submitted through an online application found here.

Projects and research previously funded by the Foundation can be viewed on its website at erefdn.org. Previously awarded grants have ranged from $15,000 to over $500,000 with the average grant amount in recent years being $160,000. Typical project durations are about 2 years. It should be noted that proposed research in excess of $300,000 or longer than 3 years should contain sufficient details that justify the need for the higher than average amount requested and longer project duration.

---

21. The Eppley Foundation for Research

Website Link: [http://fdnweb.org/eppley/](http://fdnweb.org/eppley/)
Funding priorities and how to apply: [http://fdnweb.org/eppley/#priorities](http://fdnweb.org/eppley/#priorities)
Deadline(s): Sept. 15 & March 15

Support Strategies: Research in chemistry, physics and biology
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...in chemistry, physics and biology 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://www.gatesfoundation.org/How-We-Work/General-Information/Grant-Opportunities)

**Deadline(s):** Varies

**Support Strategies:** Research  

**Funding:** $100,000 seed money for pilot, then more money if the program is seen to be effective

**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. [View a list of current RFP and open Concept Memos](https://www.gatesfoundation.org/How-We-Work/General-Information/Grant-Opportunities).

---

### 23. Health Effects Institute

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

**Grants:** [https://www.healtheffects.org/research/funding](https://www.healtheffects.org/research/funding)

**Deadline(s):** Varies

**Support Strategies:** Research on air pollution  

**Funding:** up to $150,000 per year with a maximum of $450,000 for three years

**Description:** Every five years, HEI develops a [Strategic Plan](https://www.healtheffects.org/research/funding) that lays out the main areas of focus for its research program, with a timeline for completing steps for specific research programs that are outlined in the plan. Subsequently, HEI develops a series of [Requests for Applications](https://www.healtheffects.org/research/funding) (RFAs) during the next 5 years. HEI often holds workshops to discuss the latest research directions and science questions during RFA development.

---

Provided by the [Research Development](mailto:stacey_l_smith@baylor.edu)  
Stacey_L_Smith@baylor.edu X3252 or  
[Virginia_Kearney@baylor.edu](mailto:virginia Kearney@baylor.edu) X6833  

Last edited November 2019
Researchers can apply for funding in response to one of the main RFAs. HEI also regularly issues open-ended Requests for Preliminary Applications (RFPAs) for innovative, high-quality research that falls outside the topics covered in the major RFAs.

Research funded by HEI is on a contractual basis and projects are renewed annually. HEI provides intensive oversight through evaluation of progress reports and site visits. Any change in direction of a project requires input and sign-off by the Research Committee. After study completion, the researcher(s) provide a detailed account of their multi-year project in a final report that is sent out for peer review and thoroughly evaluated by the HEI Review Committee. The Review Committee develops a Commentary to highlight strengths and weaknesses of the project and put it in regulatory perspective; the Commentary is published together with the Investigators' Report.

Researchers interested in applying to HEI should familiarize themselves with HEI's research and review processes and contractual obligations as they are more involved than a typical NIH grant. Also, read more about HEI's Conflict of Interest Policies.

### 24. INNOCENTIVE Challenges

**Website Link:** [https://www.innocentive.com/ar/challenge/browse](https://www.innocentive.com/ar/challenge/browse)  
**Deadline(s):** Ongoing

**Support Strategies:** Variety of awards  
**Funding:** Up to $100,000

**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 insuring solutions are evaluated on merit alone.

### 25. The Meadows Foundation (Limited Submission)

**Website Link:** [http://www.mfi.org/WhoWeAre.html](http://www.mfi.org/WhoWeAre.html)  
**Grants:** [http://www.mfi.org/GrantAppGuide.html](http://www.mfi.org/GrantAppGuide.html)

**Strategic plan for education:**  

**mental health:**  

**Deadline(s):** See Limited Submissions website

**Support Strategies:** Texas education  
**Funding:** Varies

**Description:** 5 Categories of grants:

- Arts and Culture
- Civic and Public Affairs
- Education
- Health
- Human Services

Within these categories of giving, there are currently three initiatives, each with an individual strategic plan:

- Environment
- Mental Health
- Public Education

The Meadows Foundation exists to assist people and institutions of Texas improve the quality and circumstance of life for themselves and future generations. Under the terms of its charter, the Foundation can distribute grants only to qualified public entities or 501(c)(3) charities serving the people of Texas. The Foundation does...
The Mott Foundation

Website Link: [https://www.mott.org/](https://www.mott.org/)
Grants: [https://www.mott.org/work/grantseekers/](https://www.mott.org/work/grantseekers/)

Support Strategies: Research
Funding: $100,000 and more

**Deadline(s):**
- LOI ongoing

**Description:** *Fundamental to all Mott grantmaking are certain values:*
- Nurturing strong, self-reliant individuals with the expanded capacity for accomplishment;
- Learning how people can create a sense of community, whether at the neighborhood level or as a global society;
- Building strong communities through collaboration to provide a basis for positive change;
- Encouraging responsible citizen participation to help foster social cohesion;
- Promoting the social, economic and political empowerment of all individuals and communities to preserve fundamental democratic principles and rights;
- Developing leadership to build upon the needs and values of people and to inspire the aspirations and potential of others; and
- Respecting the diversity of life to maintain a sustainable human and physical environment.

While we’re open to new ideas and projects, funding for unsolicited requests is very limited. If you’re interested in submitting an idea to us for funding, the first step is to complete a letter of inquiry (LOI) form.

Your LOI will help our program staff determine the relevance of your proposed project to our programs and provide you with advice on whether to submit a full proposal.

Take an in-depth look at what we fund through each of our grantmaking programs by exploring the links below:
- Civil Society
- Education
- Environment

Using our online LOI form is the best way to introduce your work to us and ensure a timely response.

However, if you prefer to mail your information, please mark the envelope LETTER OF INQUIRY and mail to:
Office of Proposal Entry
Charles Stewart Mott Foundation

Provided by the Research Development
Stacey_L_Smith@baylor.edu X3252 or
Virginia_Kearney@baylor.edu X6833
The letter should describe the purpose and objectives of the project, general methodology and total cost of the project. **TAKE ME TO THE LOI FORM**

### 27. National Fish and Wildlife Foundation

<table>
<thead>
<tr>
<th>Website Link</th>
<th>Deadline(s):</th>
<th>Support Strategies</th>
<th>Funding:</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="http://www.nfwf.org/whatwedo/programs/Pages/home.aspx">http://www.nfwf.org/whatwedo/programs/Pages/home.aspx</a></td>
<td>Varies</td>
<td>Environmental Science</td>
<td>Varies</td>
</tr>
</tbody>
</table>

**Description:** NFWF supports conservation efforts in all 50 states and U.S. territories. Our projects – more than 16,500 since our founding – are rigorously evaluated and awarded to some of the nation’s largest environmental organizations, as well as some of the smallest. We neither advocate nor litigate. Instead, NFWF focuses on bringing all parties to the table, getting results, and building a better future for our world. Financial commitments to our conservation mission since our founding now top $4.8 billion. NFWF provides funding on a competitive basis to projects that sustain, restore, and enhance our nation’s fish, wildlife, and plants and their habitats. Each of our initiatives has a business plan developed by scientists and other experts and approved by our Board of Directors. Grants are available to support the actions identified in the business plan. Additional programs support diverse projects for wildlife and habitat conservation across the country.

Search NFWF's conservation programs and learn how to apply for a grant.

### 28. National Geographic Society

<table>
<thead>
<tr>
<th>Website Link</th>
<th>Deadline(s):</th>
<th>Support Strategies</th>
<th>Funding:</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="https://www.nationalgeographic.org/grants/grant-opportunities/">https://www.nationalgeographic.org/grants/grant-opportunities/</a></td>
<td>Jan/ July</td>
<td>Research about conservation, education, and human origins</td>
<td>Standard grants $30,000 to $50,000. Early Career grants $5,000 to $10,000.</td>
</tr>
</tbody>
</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, which has helped stop more than 2,600 big cat mortalities in the wild, and the Pristine Seas project, 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 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 hominin 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.

29.NANP Foundation (North American Nature Photography Association)

<table>
<thead>
<tr>
<th>Website Link</th>
<th>Deadline(s): Grant opens in Aug</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="http://nanpafoundation.org/nanpa/">http://nanpafoundation.org/nanpa/</a></td>
<td>Funding: $2,500</td>
</tr>
<tr>
<td><a href="http://nanpafoundation.org/philip-hyde-environmental-grant/">http://nanpafoundation.org/philip-hyde-environmental-grant/</a></td>
<td></td>
</tr>
</tbody>
</table>

Support Strategies: Photography grant for environmental project

Provided by the Research Development
Stacey_L_Smith@baylor.edu X3252 or Virginia_Kearney@baylor.edu X6833
**Description:** This $2,500 grant is awarded annually by the NANPA Foundation to an individual NANPA member who is actively pursuing completion of a peer-reviewed environmental project that is consistent with the missions of NANPA and the NANPA Foundation. **Criteria for Receipt of the Philip Hyde Grant**

1. The grant will be awarded to an individual who is working on an existing project designed to improve, protect or preserve the condition of the environment.
2. Recipient must be a NANPA member.
3. Still photography must be an integral component in the environmental project. Projects which incorporate multimedia (video, film, time-lapse stills and audio) are eligible for the grant, but still photography must be at the core of the project.
4. The environmental project may involve either wildlife or habitat protection or conservation.
5. The environmental significance and the viability of the project will be the major selection criteria in awarding the grant. The grant applications are reviewed and scored by a panel of reviewers. A total of 100 points are available on each review sheet. These two criteria account for 80 of those points.
6. The grant is not to be used as seed money for research or to purchase basic photography or computer equipment.
7. The environmental project must already be underway.
8. The environmental project need not occur in North America, but North American projects will receive 5 points on each panelists review sheet.
9. All elements of the project must be performed within the legal parameters of local, regional, state and federal governments.
10. Applications are only accepted online. Supporting materials may be attached electronically to the application and/or URLs may be provided in the application as additional resources regarding the project.
11. A grant recipient may apply for the following year’s grant, whether for a new project or a project which previously was awarded the Philip Hyde Grant. Preference will be given to applicants who have not yet received the Philip Hyde Grant.
12. A closing report shall be furnished to the NANPA Foundation no later than 90 days from the time the grant money has been completely allocated toward expenses. If all of the grant funding has not been allocated by March 31, 2020, an annual report is due at that time, followed by a closing report once grant funds have been completely expended.
13. We strongly encourage recipients to attend NANPA’s Nature Photography Summit and Trade Show to accept the grant award. Because attendance would be at the recipient’s expense, it is not mandatory.
14. Should the grant not be awarded in a given year, due to a lack of qualifying grant proposals, the grant money may either be awarded as an additional grant in the following year or be used by the NANPA Foundation for an environmental education project of its choosing.
15. The NANPA Foundation may alter the Philip Hyde Environmental Grant qualifications and/or award criteria in any way which enhances the NANPA Foundation’s mission.

### 30. North Pacific Research Board

**Website Link:** [https://www.nprb.org/](https://www.nprb.org/)
**Grants:** [https://www.nprb.org/core-program/request-for-proposals/](https://www.nprb.org/core-program/request-for-proposals/)
**Support Strategies:** Research in marine ecology
**Funding:** Varies, but often around $500,000 limit
**Deadline(s):** Dec. 15

**Description:** NPRB places a priority on research that addresses pressing fishery management issues and important ecosystem information needs. This research can be further subdivided into the following research themes.
- **Ocean Productivity**
- **Fish Habitat**
- **Fishes & Invertebrates**
- **Marine Mammals**
Seabirds
Human Dimensions
Ecosystem Studies
Other Prominent Issues

NPRB supports a competitive, peer-reviewed annual request for proposal (RFP) process dedicated to marine research in Alaskan waters. The Core Program RFP (formally known as the Annual Research Program) is structured to address both pressing fishery management issues, and important ecosystem information needs as prioritized by our Science Plan. Proposals are geographically centered in the Gulf of Alaska, Bering Sea & Aleutian Islands, and Arctic Ocean ecosystems. The NPRB announced the first annual RFP of $1.5 million in 2002. RFP funding amounts have since ranged from $3.5 million to $14 million. More than 430 projects totaling $74 million of support have been funded through the Core Program. This includes investigators from 100 different national and international organizations.

Past Requests for Proposals:
2017
2016
2015

| 31. (The David & Lucile) Packard Foundation: Conservation and Science Program |
| Website Link: https://www.packard.org/grants-and-investments/for-grantseekers/ | Deadline(s): Varies |
| Support Strategies: Research in conservation, children and families, population and reproductive health, sustainable agriculture | Funding: Up to $800,000 |

Description: The Conservation and Science Program invests in action and ideas that conserve and restore ecosystems while enhancing human well-being. We welcome your ideas for funding requests. Please review the Conservation and Science program pages (Climate, Ocean, Land, and Science). If your work is aligned with our funding priorities and geographic focus, send a short description to the relevant Program Officer and Program Associate or send the description using the form here. Please do not send a full proposal until requested by the Program Officer. He problems we seek to solve are complex, requiring long-term commitment to create lasting change. We select our partners thoughtfully, consistently evaluate our progress, and adjust strategies when needed. Our resources are small compared to these challenges, so we are unable to fund all requests we receive. In a typical year, about 15 percent of our grants are awarded to first-time grantees and less than one percent come from unsolicited proposals.

The Children, Families, and Communities Program strives to ensure that all children have the opportunity to reach their full potential. This program is not accepting unsolicited proposals but welcomes your ideas for funding requests. Before you send a request, please review the Children, Families and Communities program page. If your work is aligned with the program strategy and geographic focus, please send your request using the form below.

The Population and Reproductive Health Program funds innovative work that addresses population growth and promotes positive reproductive health. This program is not accepting unsolicited proposals but welcomes your ideas for funding requests. Before you send a request, please review the Population and Reproductive Health program page. If your work is aligned with the program strategy and geographic focus, please send your request using the form below.

The Agriculture, Livelihoods, and Conservation initiative aims to promote sustainable agriculture in places with high biodiversity, while also improving social and economic development. This initiative is not accepting unsolicited proposals but welcomes your ideas for funding requests. Before you send a request, please review the Agriculture, Livelihoods, and Conservation webpage. If your work is aligned with the program strategy and geographic focus, please send your request using the form below.

Submit A REQUEST
### 32. PADI Foundation

<table>
<thead>
<tr>
<th>Website Link: <a href="http://www.padifoundation.org">www.padifoundation.org</a></th>
<th>Deadline(s): February 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Previous grants: <a href="http://www.padifoundation.org/assets/2018_Recipients.pdf">http://www.padifoundation.org/assets/2018_Recipients.pdf</a></td>
<td><strong>Support Strategies:</strong> Research in aquatic environments and education about the environment</td>
</tr>
<tr>
<td><strong>Funding:</strong> $5,000 to $10,000 typical, but up to $20,000</td>
<td><strong>Description:</strong> The PADI Foundation encourages and supports research and education related to aquatic environments. The Foundation will fund and assist worthwhile projects that either:</td>
</tr>
<tr>
<td></td>
<td>Enrich mankind's understanding of aquatic environments and encourage sensitivity to and protection of ecosystems.</td>
</tr>
<tr>
<td></td>
<td>Increase understanding of sports diving physics and physiology that will benefit the general diving public and add to the scientific understanding of man's relationship and ability to survive in the underwater environment.</td>
</tr>
<tr>
<td></td>
<td>Improve understanding of, and response to, hazards to humans and ecosystems related to climate change in coastal and ocean environments. Since 1992, the Foundation has awarded almost $4.7 million to almost 900 projects. In 2018, there were over 400 grant applications of which 81 received grants aggregating $410,093. Each year, the Foundation will consider proposals with budgets up to $20,000 although the average for proposals will be on the order of $5,000 to $10,000. The Foundation will generally not fund overhead or other indirect expenses.</td>
</tr>
</tbody>
</table>

### 33. Save Our Seas Foundation

<table>
<thead>
<tr>
<th>Website Link: <a href="https://saveourseas.com/">https://saveourseas.com/</a></th>
<th>Deadline(s): August</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grants: <a href="https://saveourseas.com/grants/funding-applications/">https://saveourseas.com/grants/funding-applications/</a></td>
<td><strong>Support Strategies:</strong> Environmental research on sharks, rays and skates</td>
</tr>
<tr>
<td><strong>Funding:</strong> $10,000 to $100,000</td>
<td><strong>Description:</strong> The focus of the Foundation is on charismatic marine megafauna, and more specifically on Elasmobranchs (Sharks, Rays, and Skates).</td>
</tr>
<tr>
<td><strong>General Approach</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• The Save Our Seas Foundation (SOSF) is committed to supporting activities that have the capacity to make a real difference to the health of the oceans and to the survival of threatened aquatic species and habitats.</td>
</tr>
<tr>
<td></td>
<td>• With a view to achieving this aim, the Foundation has developed a policy of supporting applicants working on exceptional projects, on remarkable species or habitats and/or in unique locations.</td>
</tr>
<tr>
<td></td>
<td>• The purpose of this policy is to support research, conservation or educational projects that can attract significant public attention and that, as a result, may genuinely increase public and government awareness of the urgent need to protect the marine environment.</td>
</tr>
<tr>
<td></td>
<td>• As part of this approach, the Foundation requires all grant holders to undertake public awareness and environmental educational activities (giving talks, issuing press releases, etc.) as part of their project.</td>
</tr>
<tr>
<td></td>
<td>• Foundation staff (including the dedicated SOSF Conservation Media Unit) is available to assist grant holders in such public relations work, and grant holders are expected to collaborate with them in preparing public awareness materials.</td>
</tr>
<tr>
<td><strong>Application Process</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• The application process, deadlines, and conditions are different depending on the grant category:</td>
</tr>
<tr>
<td></td>
<td>• Keystone Grant</td>
</tr>
<tr>
<td></td>
<td>• Keystone Continuation Grant</td>
</tr>
<tr>
<td></td>
<td>• Keystone Special Grant</td>
</tr>
</tbody>
</table>
### 34. SeaWorld and Busch Gardens Conservation Fund

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Grants: <a href="https://swbg-conservationfund.org/en/grant-seekers">https://swbg-conservationfund.org/en/grant-seekers</a></td>
<td>Funding: $10,000 to $25,000</td>
</tr>
</tbody>
</table>

**Support Strategies:** Research and projects in conservation, especially of marine wildlife

**Description:** The Fund has 4 major areas of focus: species research, habitat protection, conservation education, and animal rescue and rehabilitation. Each year the Fund has specific conservation priorities it supports. Your programs must align with these priorities. The SeaWorld & Busch Gardens Conservation Fund accepts applications from non-profit organizations, governmental entities, and schools and universities. Organizations can be U.S.-based or international. The Fund only supports projects that align with its priorities. For a list of the Fund’s priorities, click here.

Since its creation, the SeaWorld & Busch Gardens Conservation Fund has awarded over $11 million in conservation grants to over 800 organizations. Currently, the Fund provides over $1 million each year to conservation programs. We have developed a list of Frequently Asked Questions (FAQ) for your convenience.

### 35. Simons Foundation

<table>
<thead>
<tr>
<th>Website Link: <a href="https://www.sfari.org/">https://www.sfari.org/</a></th>
<th>Deadline(s): Rolling</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grants: <a href="https://www.simonsfoundation.org/">https://www.simonsfoundation.org/</a></td>
<td>Funding:Varies</td>
</tr>
</tbody>
</table>

**Support Strategies:** Autism Research, Mathematics, and Physical Sciences

**Description:** SAFARI Autism Research: Since its launch in 2003, SFARI has supported over 400 investigators studying autism-related research in the U.S. and abroad. Research projects include studies at the genetic, molecular, cellular, circuit and behavioral levels, in addition to clinical and translational studies.

- A list of SFARI investigators – current and past – can be accessed here.
- A list of Funded Projects – including abstracts – can be accessed here.
- Publications resulting from SFARI-funded studies and cohorts are available here.
- Research Highlights from a selection of SFARI-funded publications are available here.

The Simons Foundation uses an electronic grants submission process. All interested grant applicants must submit their applications online through proposalCENTRAL. For information on our current funding opportunities, go to the Grant Opportunities page. For information about what kinds of studies SFARI funds, see: [https://www.sfari.org/funding-opportunities/sfari-scientific-perspectives/](https://www.sfari.org/funding-opportunities/sfari-scientific-perspectives/)

**Mathematics and Physical Sciences Research**

The Simons Foundation’s Mathematics and Physical Sciences (MPS) division invites applications for its Targeted Grants in MPS program.

**Rationale:** The program is intended to support high-risk theoretical mathematics, physics, and computer science projects of exceptional promise and scientific importance on a case-by-case basis.

**Funding and Allowable Expenses:** The Targeted Grant in MPS program provides funding for up to five years. The funding level and duration is flexible and should be appropriate based on the type of support requested in the proposal. There is no recommended or assumed funding level for this program.

Allowable expenses include:

- Up to one month of summer salary and related benefits per year for the PI and any co-Investigator(s).
- Domestic or international travel for the PI and co-Investigator(s).
- Research equipment, experiments, computations and other expenses directly benefiting the research.
- Salary support and related benefits, including tuition support, for staff/research scientists, postdoctoral fellows, and research associates, graduate students or undergraduate research assistants.

**Grants to Individuals**

- Simons Investigators
• Simons Fellows
• Collaboration Grants for Mathematicians
• Targeted Grants in MPS
• AMS-Simons Travel Grants

Grants to Institutions
• Simons Institute for the Theory of Computing
• Targeted Grants to Institutes
• NSF-Simons MathBioSys Initiative
• Africa Mathematics Project

Conferences & Symposia
• Conferences
• Symposia
• Lectures

Simons Collaborations in MPS
• Arithmetic Geometry, Number Theory, and Computation
• Cracking the Glass Problem
• Special Holonomy in Geometry, Analysis, and Physics
• The Nonperturbative Bootstrap

Mathematical Modeling of Living Systems
• Targeted Grants in MMLS
• Simons Investigators in MMLS

Infrastructure
• MAGMA (Software download)

36.Sloan Research Foundation: Research Fellowships (Limited Submission)

Website Link: http://www.sloan.org/
Grants: https://sloan.org/grants/apply
Deadline(s): Internal application due 7/01

Support Strategies: Science, technology, engineering, mathematics, and economics
Funding: Varies dependent upon funding opportunity

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

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

Provided by the Research Development
Stacey_L_Smith@baylor.edu X3252 or
Virginia_Kearney@baylor.edu X6833
37. Water Environment and Reuse Foundation

Website Link: www.werf.org  
Deadline(s): June and July  
Support Strategies: Research in water quality and wastewater  
Funding: $100,000 for Paul L. Busch Award  
$500,000 for Unsolicited Research Grant  
Description: The foundation provides a balanced water quality research program addressing current wastewater research needs and covering a broad range of water quality issues, including collection and treatment systems, watershed management, human health, and environmental effects, and residual management. WRF funds water quality research on behalf of its subscribers and facilitates collaboration among organizations seeking funding partners for high-priority issues. WRF awards funding through a competitive process, and coordinates funding under contract through a staff-assigned program manager. All qualified entities — including international organizations and disadvantaged business enterprises — are encouraged to submit research proposals.

- View Open Requests for Proposals (RFPs)
- Advance Notice of RFPs to be Released
- Subscriber Priority Program
- Unsolicited Research Opportunities
- Preparing a Proposal
- Find out about the Paul L. Busch Award
- Preparing a Report
- Recently Awarded Contracts

From time to time, WRF partners with other organizations to support key funding opportunities. This helps to promote sound science that moves the water industry forward while eliminating duplication of research efforts.

38. XPrize

Website Link: https://www.xprize.org/  
https://www.xprize.org/news  
https://www.xprize.org/about/what-is-an-xprize  
Deadline(s): Varies  
Support Strategies: Team challenges for solving world problems like water, literacy, carbon emissions, ocean discovery, AI innovation  
Funding: Varies by level of challenge, the first competition gives 50 teams $10,000; winners then get larger amounts ($100,000 to $500,000) to go further
**Description:** At XPRIZE, we recognize two significant moments that are currently upon us with profound implications for humanity. First, that individuals are rapidly becoming more empowered to invent and innovate using democratized technologies—e.g., AI, robotics, 3D printing, the blockchain, sensors, biotech, big data, etc.—that only a few short decades ago were capabilities only afforded by large governments and big organizations. And second, that these individuals are getting digitally connected to one another across the globe, thus enabling the formation of small, powerful, and agile teams that are able to collaborate and innovate in ways we, the human race, have never experienced. An XPRIZE is a highly leveraged, incentivized prize competition that pushes the limits of what’s possible to change the world for the better.

It captures the world’s imagination and inspires others to reach for similar goals, spurring innovation and accelerating the rate of positive change. An XPRIZE must meet the following criteria:

They have a variety of competitions, and you can sign up to receive news about new competitions here: [https://www.xprize.org/about](https://www.xprize.org/about)

**BOLD AND AUDACIOUS GOAL**

Pushes the boundaries of human potential by focusing on problems currently believed to be unsolvable, or that have no clear path toward a solution.

**TARGET MARKET FAILURE**

Targets a range of market failures: (1) no capital is being spent, (2) capital is being spent, but without the desired result, (3) no capital is being spent because nobody knows it’s a problem, (4) the problem is known, but no one can imagine that it’s not already being addressed, (5) No one is addressing because a solution is thought to be impossible.

**DEFINE THE PROBLEM VS. THE SOLUTION**

Solution-agnostic, defining the challenge and incentivizing teams around the world to find the most effective solutions.

**AUDACIOUS, BUT ACHIEVABLE**

While a competition must be bold and difficult, it must also be achievable to ensure that teams believe that they can win.

**WINNABLE BY A SMALL TEAM**

Should be able to be won by teams ranging from industry experts to well-funded high school students who don’t know what they can’t do.

**REASONABLE TIME FRAME**

Designed to affect the foreseeable future, so a duration of two to seven years is essential to allow teams enough time to succeed while ensuring momentum and that industry will not outpace the competition.

**CLEAR, OBJECTIVE AND SIMPLE RULES**

Clearly defined finish line with easy-to-understand rules and goals that are measurable and understandable by all.

**TELEGニック AND EASY TO CONVEY**

The winning of the competition itself is interesting and compelling and has innate narratives that are able to be conveyed easily to our audiences.

**LEVERAGABLE**

Provides leverage for a sponsor’s investment by driving additional support of a solution by shifting risk from sponsors to competitors, prizes attract investments of capital and time from motivated participants, and when prizes produce vetted solutions, they can attract further investment.

**DRIVE INVESTMENT**

Enable innovators to attract capital, support and team members

**CREATE "BACK END" BUSINESS**

Should give birth to a new industry or transform/revitalize an existing one with long-lasting benefits.

**PROVIDE VISION AND HOPE**

---

Last edited November 2019

Provided by the Research Development

Stacey_L_Smith@baylor.edu X3252 or
Virginia_Kearney@baylor.edu X6833
Inspires hope through our vision of a better future where winning teams are the proof that the world’s seemingly impossible problems can be solved.
Vision + Demonstration of Breakthrough=Hope

COMPETITION STRUCTURE
After the registration period, XPRIZE will have two rounds of testing and judging:

- **Round 1**: All registered Teams will create a solution prototype
- **Round 2**: Up to five Teams from Round 1 will be shortlisted for a next and final round of testing wherein the teams must achieve the final objective as described in Competition Overview above.

WHO CAN PARTICIPATE?
XPRIZE believes that solutions can come from anyone, anywhere. Scientists, engineers, academics, entrepreneurs, and innovators with new ideas from all over the world are invited to form a team and register to compete. To participate, a team may need to recruit additional experts and can add new members at any time throughout the competition. Competing teams will own the Intellectual Property of their submissions.