Potential Funders for Geosciences

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 Available:</th>
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<tbody>
<tr>
<td><strong>NSF</strong></td>
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<tr>
<td>1) CAREER</td>
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<td>2) Discovery DRK-12</td>
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<td>3) MRI</td>
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<td>4) PFI</td>
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<tr>
<td>5) REU</td>
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<tr>
<td>6) Graduate Student Fellowship Program (GRFP)</td>
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<tr>
<td><strong>NIH</strong></td>
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<tr>
<td>1) R15 Grant Toolkit</td>
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<td>2) R21 Grant Toolkit</td>
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<tr>
<td>3) K01 Career</td>
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<tr>
<td>4) R01 and R01 Multi-PI</td>
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<tr>
<td>5) MIRA</td>
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</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. **AFOSR: Air Force Office of Scientific Research**: Engineering, mathematical and information networks, physical sciences, chemistry and biological sciences related to energy
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. **NASA: National Aeronautics and Space Administration**
8. **NIH: National Institutes of Health** [Grant Toolkits Available HERE](#)
9. **NASA: National Aeronautics and Space Administration** [Grant Toolkits Available HERE](#)
10. **USGS: United States Geological Survey**: volcano hazards program research and monitoring

Non-Government Funders
11. **American Chemical Society**: ACS Petroleum Research Fund (ACS PRF) Grants – New Direction Grants (chemistry)
12. **Discovery Institute**: Role of science in culture
13. **Earthwatch Institute**: Environmental, natural resources
14. **Environmental Research and Education Foundation**: Renewable energy, waste management
15. **Gulf Coast Association of Geological Societies**: Gulf coast geology research
17. **National Geographic**: Education, Environment, geography, social sciences, anthropology, archaeology, biology, ecology, geography, geology, natural history, oceanography, paleontology, sociology
18. **The Mineralogical Society of America’s Grant for Research in Crystallography**: Physical Sciences, Crystallography, Earth Sciences, Geology, Physical Geology, Petrology, Mineralogy
19. **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.
20. **Packard Foundation: Conservation and Science Program**: Conservation and science program for Climate, Ocean, land and Science
21. **PADI Foundation**: Biology, ecology, environmental science, geoscience, marine ecology
22. **Sloan Foundation**: (Limited Submission): Science, technology, engineering, mathematics, economics
23. **Water Environment and Reuse Foundation**: Research in water quality and wastewater

Student Funders
1. **AAPG Foundation**: Grants for undergraduates and graduate students
2. **American Geosciences Institute**: Internships and fellowships
3. **AWG Association for Women Geoscientists**
4. **Evolving Earth Foundation**: Undergraduate, graduate and postdoc grants
5. **Geological Society of America**: Graduate Student Research Grants
6. **Mineralogical Society of America Research Grants**
7. **Society of Economic Geologists Foundation**
   * New as of 2019

## Government Funders

<table>
<thead>
<tr>
<th>1. AFOSR Air Force Office of Scientific Research</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Website Link:</strong> <a href="http://afrl.dodlive.mil/about/">http://afrl.dodlive.mil/about/</a></td>
</tr>
<tr>
<td><strong>Grants:</strong> <a href="http://afrl.dodlive.mil/funding/">http://afrl.dodlive.mil/funding/</a></td>
</tr>
<tr>
<td><strong>Deadline(s):</strong> Posted until superseded</td>
</tr>
<tr>
<td><strong>Support Strategies:</strong> Research</td>
</tr>
<tr>
<td><strong>Funding:</strong> Between $200,000 and $400,000 per year</td>
</tr>
</tbody>
</table>

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

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

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

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

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

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

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

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

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

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

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

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

**Educational Programs**
AFOSR also sponsors research assistantship programs, faculty programs, and graduate school programs. These programs support graduate education, encourage the development of research excellence in critical technological areas where research facilities and qualified researchers are lacking, train personnel to conduct...
high-quality research, and stimulate mutual research interests between the Air Force and institutions of higher education.  
- Awards to Stimulate and Support Undergraduate Research Experiences (ASSURE)  
- Engineer and Scientist Exchange Program (ESEP)  
- National Defense Science and Engineering Graduate (NDSEG) Fellowship Program  
- USAF National Research Council Resident Research Associateship (NRC/RRA) Program  
- USAF-Summer Faculty Fellowship Program (SFFP)  
- Visiting Scientist Program  
- Window on Science (WOS) Program  
- Windows on the World (WOW) Program  
- Engineer and Scientist Exchange Program Provides an opportunity for US Department of Defense (DoD) (military and civilian) scientists to conduct research in foreign government laboratories and for foreign government (military and civilian) scientists to work in US DoD laboratories. International Agreements are in place for Australia, Canada, Egypt, France, Germany, Greece, Israel, Japan, Korea, Netherlands, Norway, Portugal, Singapore, Spain, Sweden, and the United Kingdom. See ESEP Program or contact Mr. Phil Gibber at 703-696-7323 or at esep.afosr@us.af.mil.

2. Department of Commerce  
Deadline(s): Varies  
Support Strategies: Research  
Funding: Varies  
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 constrain 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/](http://cdmrp.army.mil/funding/)  
Deadline(s): Varies  
Support Strategies: Research  
Funding: Varies  
Find DOD grants through:  
DoD Research and Engineering:  

Provided by the Research Development  
Stacey_L_Smith@baylor.edu X3252 or  
Virginia_Kearney@baylor.edu X6833
Support Strategies: Generally larger research grants related to military applications, veterans, or help for families of military

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

Funding Opportunities Medical

- Alcohol and Substance Abuse
- Amyotrophic Lateral Sclerosis
- Autism
- Bone Marrow Failure
- Breast Cancer
- Defense Medical Research and Development Program
  - 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

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 &
### 4. DOE: Department of Energy

<table>
<thead>
<tr>
<th>Website Link: <a href="https://science.energy.gov/funding-opportunities/find-funding/">https://science.energy.gov/funding-opportunities/find-funding/</a></th>
<th>Deadline(s): Varies</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Interactive grants map:</strong> <a href="https://science.energy.gov/universities/interactive-grants-map/">https://science.energy.gov/universities/interactive-grants-map/</a></td>
<td></td>
</tr>
<tr>
<td><strong>Support Strategies:</strong> Research</td>
<td><strong>Funding:</strong> Varies</td>
</tr>
<tr>
<td><strong>Description:</strong> 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:</td>
<td></td>
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<tr>
<td>• Advanced Scientific Research Computing (ASCR) funding opportunities information</td>
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<tr>
<td>• Basic Energy Sciences (BES) funding opportunities information</td>
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<tr>
<td>• Biological &amp; Environmental Research (BER) funding opportunities information</td>
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<tr>
<td>• Fusion Energy Sciences (FES) funding opportunities information</td>
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<td>• High Energy Physics (HEP) funding opportunities information</td>
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<tr>
<td>• Nuclear Physics (NP) funding opportunities information</td>
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<tr>
<td>• Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) funding opportunities information</td>
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<tr>
<td>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</td>
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</table>

### 5. EPA: Environmental Protection Agency

<table>
<thead>
<tr>
<th>Website Link: <a href="https://www.epa.gov/research-grants/research-funding-opportunities">https://www.epa.gov/research-grants/research-funding-opportunities</a></th>
<th>Deadline(s): Varies</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Support Strategies:</strong> Conservation and environment</td>
<td><strong>Funding:</strong> 4 Billion awarded each year</td>
</tr>
<tr>
<td><strong>Description:</strong> All grant, fellowship and/or Small Business Innovation Research (SBIR) funding opportunities competed through the Research Grants website are done through solicitations or Requests for Applications (RFAs). Any application submitted must be in response to an open solicitation or RFA. <strong>Search for open or upcoming funding opportunities.</strong> Follow the application instructions in the solicitation or RFA. Application instructions, where appropriate, will link back to various forms on this page to download. <strong>Learn more through research grants guidance.</strong></td>
<td></td>
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<tr>
<td>Research Grants Home</td>
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Provided by the Research Development
Stacey_L_Smith@baylor.edu X3252 or
Virginia_Kearney@baylor.edu X6833

Last edited November 2019
6. HHS: United States Department of Health and Human Services

Website Link: [www.hhs.gov](https://www.hhs.gov)
[https://www.hhs.gov/grants/index.html](https://www.hhs.gov/grants/index.html)

**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. NASA

<table>
<thead>
<tr>
<th><strong>Website Link:</strong></th>
<th><a href="https://science.nasa.gov/researchers/sara/grant-solicitations">https://science.nasa.gov/researchers/sara/grant-solicitations</a></th>
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</thead>
<tbody>
<tr>
<td><strong>Grant stats:</strong></td>
<td><a href="https://science.nasa.gov/researchers/sara/grant-stats">https://science.nasa.gov/researchers/sara/grant-stats</a></td>
</tr>
<tr>
<td><strong>SOMA:</strong></td>
<td><a href="https://soma.larc.nasa.gov/">https://soma.larc.nasa.gov/</a></td>
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<tr>
<td><strong>Deadline(s):</strong></td>
<td>Varies</td>
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<tr>
<td><strong>Support Strategies:</strong></td>
<td>Research</td>
</tr>
<tr>
<td><strong>Funding:</strong></td>
<td>Varies</td>
</tr>
<tr>
<td><strong>Description:</strong></td>
<td><a href="https://science.nasa.gov/researchers/sara/library-and-useful-links">FAQS</a></td>
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</table>

The NASA Shared Services Center (NSSC) is the NASA organization that issues grants to non-civil servant PI's. They report the number one cause of grant delays is a failure on the part of the proposer to submit accurate budget rates from their institution including approved indirect rates and appropriate justification for expenditures (see the [budget details FAQ](https://science.nasa.gov/researchers/sara/library-and-useful-links) and the [Guidebook for Proposers](https://science.nasa.gov/researchers/sara/library-and-useful-links) for instructions). This is one YOU can fix. Also, the more detail in your budget justification (or narrative) the less likely your grant will be delayed. Try to explain procurements in a manner that would be understood by a non-scientist, but with enough detail that they know what will be purchased.

**How to Keep up With Changes to ROSES & NSPIRES**

ROSES, our omnibus solicitation for proposals, is constantly being amended, clarified, and updated. To learn of new program elements that are added and keep up with amendments to existing one's proposers are strongly encouraged to subscribe to:

- The SMD mailing lists (by logging in at [http://nspires.nasaprs.com/](http://nspires.nasaprs.com/) and checking the appropriate boxes under "Account Management" and "Email Subscriptions"),
- The ROSES-2018 due date Google calendar. Instructions are at [https://science.nasa.gov/researchers/sara/library-and-useful-links](https://science.nasa.gov/researchers/sara/library-and-useful-links) (link from the words due to date calendar).

Finally, please review the frequently asked questions about ROSES-2018 at [http://science.nasa.gov/researchers/sara/faqs/](http://science.nasa.gov/researchers/sara/faqs/)

**Planetary Science Division Corner:** Most recent charts of the Planetary Science Division ROSES programs

You can find abstracts of the awards from each ROSES program posted on NSPIRES by following this procedure: go to [http://nspires.nasaprs.com/external/](http://nspires.nasaprs.com/external/) choose solicitations, then choose “Past Solicitations and Selection Dates” and then choose the year you want from the drop-down menu and click the “find” button. This will give you a list of all of the programs for that year. For each one there is a link to a unique NSPIRES page. On each NSPIRES page, there is a link under “Selections” to PDF file you can download with the abstracts of the winners.

“If you are not after the winners from a particular ROSES program but want to search more broadly, you can use the NSSC grant status page at [https://www.nssc.nasa.gov/grantstatus](https://www.nssc.nasa.gov/grantstatus) and search by the Institution, PI name or words in the title of the award. That will give you lists of awards but not their abstracts. If you need abstracts and want to search by keyword (etc.), you can use the research.gov search forms. The quick search form at [http://www.research.gov/research-portal/appmanager/base/desktop?_nfpb=true&_eventName=viewQuickSearchFormEvent.so_rsr](http://www.research.gov/research-portal/appmanager/base/desktop?_nfpb=true&_eventName=viewQuickSearchFormEvent.so_rsr) will return results for both NASA and NSF awards, but if you use the Advanced Search, you can narrow it down to just NASA and do some other cool things."

An archive of the submission and selection numbers for the NASA Earth and Space Science Fellowship (NESSF), our fellowships for graduate students, may be found at [researchers/sara/grant-stats/nasa-earth-and-space-science-fellowship-nessf-selections/](https://science.nasa.gov/researchers/sara/library-and-useful-links).

### 8. NIH: National Institute of Health

<table>
<thead>
<tr>
<th><strong>Website Link:</strong></th>
<th><a href="https://www.nih.gov/grants-funding">https://www.nih.gov/grants-funding</a></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Open Investigator-Initiated Announcements:</strong></td>
<td><a href="https://grants.nih.gov/grants/guide/parent_announcements.htm">https://grants.nih.gov/grants/guide/parent_announcements.htm</a></td>
</tr>
<tr>
<td><strong>Deadline(s):</strong></td>
<td>Varies</td>
</tr>
</tbody>
</table>

**Provided by the Research Development**

*Stacey_L_Smith@baylor.edu X3252 or Virginia_Kearney@baylor.edu X6833*
**Support Strategies:**

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

**All NIH Grant Toolkits Available HERE**

1. R15 Grant Toolkit
2. R21 Grant Toolkit
3. K01 Career Grant Toolkit
4. R01 Grant Toolkit
5. R01 Multi-PI Grant Toolkits
6. MIRA Grant Toolkit (includes Early Career)

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

**Weekly Table of Contents**

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

Current Weekly Table of Contents (TOC)
Past Tables of Contents

**Receive NIH Guide Information**

Weekly Update via E-mail LISTSERV - Subscribe or Unsubscribe.

RSS Format – Receive NIH Funding Opportunities in RSS (Really Simple News Syndication) format.

Twitter - Follow @NIHfunding for NIH Funding Opportunities

Grants process overview: https://grants.nih.gov/grants/grants_process.htm

Forms library: https://grants.nih.gov/grants/forms.htm

**9. NSF: National Science Foundation**

Website Link: https://www.nsf.gov/

Broader Impacts Website: https://www.nsf.gov/od/oia/special/broaderimpacts/

**Find grants through:**

NSF Area website (see links below)
Grants.gov https://www.grants.gov/
Pivot: https://pivot.cos.com/funding_main
GrantForward: https://www.grantforward.com/index
Federal GrantsWire: https://www.federalgrantswire.com/federal-grants-by-agency.html#WjfDVWNgUK

**Deadline(s) Varies**

**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)
1. Environmental Research and Education (ERE)
2. Geosciences (GEO)
3. Integrative Activities (OIA)
4. International Science and Engineering (OISE)
5. Mathematical and Physical Sciences (MPS)
6. Social, Behavioral and Economic Sciences (SBE)

10. United States Geological Survey - Volcano Hazards Program Research and Monitoring

<table>
<thead>
<tr>
<th>Website Link: USGS</th>
<th>Deadline(s): September</th>
</tr>
</thead>
<tbody>
<tr>
<td>Support Strategies: Volcanic Hazards Research</td>
<td>Funding: $20,000 to $2,000,000; average $250,000</td>
</tr>
</tbody>
</table>

Description: The mission of the USGS Volcano Hazards Program is to enhance public safety and minimize social and economic disruption from eruptions through delivery of effective forecasts, warnings, and information of volcano hazards based on scientific understanding of volcanic processes.

The USGS Volcano Hazards Program (VHP) monitors and studies active and potentially active volcanoes, assesses their hazards, and conducts research on how volcanoes work in order for the USGS to issue “timely warnings” of potential volcanic hazards to emergency-management professionals and the public. Thus, in addition to collecting and interpreting the best possible scientific information, the program works to effectively communicate its scientific findings and volcanic activity alerts to authorities and the public. Volcano monitoring networks and scientific observation are basis for warnings, research, and situational awareness.

Non-Government Funders

11. American Chemical Society

<table>
<thead>
<tr>
<th>Website Link: <a href="http://www.acs.org">www.acs.org</a></th>
<th>Deadline(s): Varies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Support Strategies: Medicinal or Pharmaceutical Chemistry, Petroleum or Fossil Fuels, and Green chemistry</td>
<td>Funding: Varies based on project</td>
</tr>
</tbody>
</table>

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.

### 12. Discovery Institute

<table>
<thead>
<tr>
<th>Website Link: <a href="https://www.discovery.org/">https://www.discovery.org/</a></th>
<th>Deadline(s): Varies</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Support Strategies:</strong> Role of science in culture</td>
<td>Funding: Varies</td>
</tr>
<tr>
<td><strong>Description:</strong> 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.</td>
<td></td>
</tr>
</tbody>
</table>

### 13. Earthwatch Institute, Inc.

<table>
<thead>
<tr>
<th>Website Link: <a href="http://earthwatch.org/Research-Funding/Apply-for-Funding">http://earthwatch.org/Research-Funding/Apply-for-Funding</a></th>
<th>Deadline(s): June</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Support Strategies:</strong> Support research ecology and marine conservation that involves citizen-scientist participants</td>
<td>Funding: Between US $20,000–$80,000, renewable</td>
</tr>
<tr>
<td><strong>Description:</strong> 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</td>
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</tbody>
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*Provided by the Research Development Stacey_L_Smith@baylor.edu X3252 or Virginia_Kearney@baylor.edu X6833*
conserve and restore ecosystem services and biodiversity. Research areas supported:

- **Restoration Ecology Action**
- **Biodiversity Conservation Action**
- **Ecohealth Action**
- **Marine Conservation Action**
- **Sustainable Agriculture and Forestry 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

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**14. Environmental Research and Education Foundation**

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

**Grants:** [https://erefdn.org/research-grants-projects/how-to-apply-for-grant/](https://erefdn.org/research-grants-projects/how-to-apply-for-grant/)

**Deadline(s):** June

**Support Strategies:** Research in solid waste management and education

**Funding:** $15,000 for lower level projects, up to $500,000 for higher level projects

**Description:** 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.

**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) and
- 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 eredfn.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.

### 15. Gulf Coast Association of Geological Societies

<table>
<thead>
<tr>
<th>Website Link: <a href="http://www.gcags.org/index.html">http://www.gcags.org/index.html</a></th>
<th>Deadline(s): Watch website</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grants: <a href="http://www.gcags.org/GCAGS%20Awards/GCAGS_Faculty_Grant_Program.html">http://www.gcags.org/GCAGS%20Awards/GCAGS_Faculty_Grant_Program.html</a></td>
<td>Support Strategies: Gulf coast geology research</td>
</tr>
<tr>
<td>Funding: $5000</td>
<td>Description: The Gulf Coast Association of Geological Societies is sponsoring a Faculty Grant Program pursuing research in the Gulf Coast region of the United States. In 2018, the GCAGS will award one faculty grant of $5,000. Research projects concerning any of the following fields of study related to the Gulf Coast region are eligible to be considered for a grant: geology, geophysics, energy and mineral resources, geohydrology, environmental geology, and paleontology. Also eligible are general geosciences topics with direct, well-explained application to the Gulf Coast region.</td>
</tr>
<tr>
<td>Faculty Grants ($5,000)</td>
<td>Student Grants ($2,000)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Website Link: <a href="https://www.jnj.com/wistem2d">https://www.jnj.com/wistem2d</a></th>
<th>Deadline(s): Internal deadline 8/14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Support Strategies: Engineering, Manufacturing and Design, Math, Science, Technology</td>
<td>Funding: $150,000 in funding and three years of mentorship from Johnson &amp; Johnson leaders as well as members of the Award’s Advisory Board</td>
</tr>
<tr>
<td>Description: The Johnson &amp; Johnson Scholars Award Program aims to fuel the development of female STEM2D leaders and feed the STEM2D talent pipeline by awarding and sponsoring women at critical points in their research careers, in each of the STEM2D disciplines: Science, Technology, Engineering, Math, Manufacturing, and Design.</td>
<td></td>
</tr>
</tbody>
</table>

### 17. National Geographic: Our Changing Planet/Ecosystems/Environment

<table>
<thead>
<tr>
<th>Website Link: <a href="https://www.nationalgeographic.org/grants/grant-opportunities/">https://www.nationalgeographic.org/grants/grant-opportunities/</a></th>
<th>Deadline(s): Jan/ July</th>
</tr>
</thead>
<tbody>
<tr>
<td>Support Strategies: Research about conservation, education, and human origins</td>
<td>Funding: Standard grants $30,000 to $50,000. Early Career grants $5,000 to $10,000.</td>
</tr>
<tr>
<td>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.</td>
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Stacey_L_Smith@baylor.edu X3252 or Virginia_Kearney@baylor.edu X6833

Last edited November 2019
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 hominid evolution in Africa and Asia, with preference given to projects in relatively unexplored parts of those continents. Preference will also be given to applicants who are residents or citizens of the country of fieldwork as well as to projects with strong local capacity development components.

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

1. 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.
2. Increase understanding of the biological, cultural, or ecological parameters of human origins in Africa or Asia
3. 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.*

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### 18. The Mineralogical Society of America's Grant for Research in Crystallography

**Website Link:** [http://www.minsocam.org/](http://www.minsocam.org/)

**Grant:** [http://www.minsocam.org/msa/Awards/Crystallography_Award.html](http://www.minsocam.org/msa/Awards/Crystallography_Award.html)

**Deadline(s):** March

<table>
<thead>
<tr>
<th>Support Strategies</th>
<th>Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crystallography, petrology</td>
<td>Up to $5,000</td>
</tr>
</tbody>
</table>

**Description:** The Mineralogical Society of America's Grant for Research in Crystallography is funded by the Edward H. Kraus Crystallographic Research Fund with contributions from MSA members and friends. The grant awards up to $5,000 for research in the field of mineralogical crystallography. This grant targets projects within the areas of mineralogy, crystal chemistry, petrology, mineral physics, biomineralization, and geochemistry that can employ a variety of crystallographic, spectroscopic, analytical, and computational techniques.

The MSA Grant for Student Research in Mineralogy and Petrology ($5,000) The Mineralogical Society of America’s Grants for Student Research in Mineralogy and Petrology are funded by an endowment created by contributions from the MSA membership. The grant comprises two awards of up to $5,000 each for research in mineralogy and petrology. Students, including graduate and undergraduate students, are encouraged to apply. However, all proposals are considered together. The award selection will be based on the qualifications of the applicant, the quality, innovativeness, and scientific significance of the research, and the likelihood of success of the project.

**MSA Grant for Student Research in Mineralogy and Petrology**

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### 19. 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/)

**Deadline(s):** Dec. 15

<table>
<thead>
<tr>
<th>Support Strategies</th>
<th>Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research in marine ecology</td>
<td>varies, but often around $500,000 limit</td>
</tr>
</tbody>
</table>

**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:**
## 20. (The David & Lucile) Packard Foundation: Conservation and Science Program

<table>
<thead>
<tr>
<th>Support Strategies: Research in conservation, children and families, population and reproductive health, sustainable agriculture</th>
<th>Funding: up to $800,000</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong> 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 (<a href="#">Climate</a>, <a href="#">Ocean</a>, <a href="#">Land</a>, and <a href="#">Science</a>). 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 <a href="#">here</a>. Please do not send a full proposal until requested by the Program Officer. The 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.</td>
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</tbody>
</table>

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

## 21. PADI Foundation

<table>
<thead>
<tr>
<th>Support Strategies: Research in aquatic environments and education about the environment</th>
<th>Funding: $5,000 to $10,000 typical, but up to $20,000</th>
</tr>
</thead>
<tbody>
<tr>
<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: Enrich mankind’s understanding of aquatic environments and encourage sensitivity to and protection of ecosystems. 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. 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...</td>
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</tr>
</tbody>
</table>

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for proposals will be on the order of $5,000 to $10,000. The Foundation will generally not fund overhead or other indirect expenses.

### 22. Alfred P. Sloan Foundation (Limited Submission)

<table>
<thead>
<tr>
<th>Website Link:</th>
<th><a href="http://www.sloan.org/">http://www.sloan.org/</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Grants:</td>
<td><a href="https://sloan.org/grants/apply">https://sloan.org/grants/apply</a></td>
</tr>
<tr>
<td><strong>Deadline(s):</strong></td>
<td>Internal deadline 7/01</td>
</tr>
<tr>
<td><strong>Funding:</strong></td>
<td>Varies dependent upon funding opportunity</td>
</tr>
</tbody>
</table>

**Support Strategies:** Science, technology, engineering, mathematics, and economics

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

**Sloan Research Fellowships**

Must be early career tenure-track faculty in *chemistry, computational or evolutionary molecular biology, computer science, economics, mathematics, neuroscience, ocean sciences, physics* or related field. 2-year fellowships to 126 researchers each year ($65,000)

**Up to 3 candidates can be nominated by a department.**

Apply through the foundation’s portal: [https://sloan.org/fellowships/apply](https://sloan.org/fellowships/apply)

The Foundation awards approximately 200 grants per year (excluding the Sloan Research Fellowships), totaling roughly $80 million dollars in annual commitments in support of research and education in science, technology, engineering, mathematics, and economics

**Programs**

- [Economics](https://sloan.org/programs/economics)
- [Higher Education](https://sloan.org/programs/higher-education)
- [Digital Technology](https://sloan.org/programs/digital-technology)
- [Public Understanding](https://sloan.org/programs/public-understanding)
- [Working Longer](https://sloan.org/programs/working-longer)
- [Energy & Environment](https://sloan.org/programs/energy-environment)
- [Initiatives](https://sloan.org/programs/initiatives)
- [Completed Programs](https://sloan.org/programs/completed-programs)

**Grants**

- [Apply](https://sloan.org/grants/apply)
- [For Grantees](https://sloan.org/grants/for-grantees)
- [Grants Database](https://sloan.org/grants/database)

**Sloan Research Fellowships**

- [About](https://sloan.org/fellowships/about)
- [Apply](https://sloan.org/fellowships/apply)
- [FAQ](https://sloan.org/fellowships/faq)

### 23. Water Environment and Reuse Foundation

<table>
<thead>
<tr>
<th>Website Link:</th>
<th><a href="http://www.werf.org">www.werf.org</a></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Deadline(s):</strong></td>
<td>June and July</td>
</tr>
<tr>
<td><strong>Support Strategies:</strong></td>
<td>Research in water quality and wastewater</td>
</tr>
<tr>
<td><strong>Funding:</strong></td>
<td>$100,000 for Paul L. Busch Award $500,000 for Unsolicited Research Grant</td>
</tr>
</tbody>
</table>

**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.

### Student Funders

#### 1. AAPG: American Association of Petroleum Geologists

| Website Link: [http://foundation.aapg.org/students/index.cfm](http://foundation.aapg.org/students/index.cfm) | Deadline(s): Varies by program |
| Extensive list of other grants-in-aid programs: [http://foundation.aapg.org/students/graduate/grantlist.cfm](http://foundation.aapg.org/students/graduate/grantlist.cfm) |

**Support Strategies:** Student support  
**Funding:** Varies by program

**Description:** Undergraduate-Level Grants & Scholarships

- **L. Austin Weeks Undergraduate Grant Program (International)**
  
  *Open Dec. 15 through Feb 15 annually. Awards announced in May.*

  The L. Austin Weeks (LAW) Undergraduate Grant Program provides grants to deserving undergraduate level geoscience students and student-led geoscience associations (student chapters, associations and clubs). Grant awards are (US) $500. These grants are intended to support the educational endeavors of undergraduate geoscience students and their student-led organizations. [READ MORE](#)

- **Military Veterans Scholarship Program (U.S. only)**
  
  *Open Feb. 15 through May 1 annually. Awards announced in June.*

  The Military Veterans Scholarship Program (MVSP) is designed to promote the advancement of student veterans in educational geoscience programs at the undergraduate level. Awards range from $2,000-$4,000. Those encouraged to apply for these scholarships include active U.S. Military service members (including National Guard and Reserve), veteran members separated from active military service who have been honorably discharged and entering or reentering a post-secondary undergraduate or program in a field of geoscience. [READ MORE](#)

**Graduate-Level Grants**

- **Grants-in-Aid (International)**
  
  *Open Sept. 1 through Dec. 1 annually. Awards announced in May.*

  The Grants-in-Aid program promotes graduate-level research in the geosciences. A joint program of the AAPG Foundation and the AAPG, grants are made annually to provide financial assistance to graduate students (currently enrolled in Masters or Ph.D. programs) whose thesis research has application to the search for and development of petroleum and energy-mineral resources and/or to related environmental geology issues. Awards range from $500-$3,000. The program includes special grants named after individuals and institutions that have made substantial contributions to the Foundation, petroleum and energy-mineral sciences, teaching, or research. [READ MORE](#)

#### 2. American Geosciences Institute

...
**Website Link:** [https://www.americangeosciences.org/workforce/internships](https://www.americangeosciences.org/workforce/internships)  
**Deadline(s):** Varies

**Support Strategies:** Internships and Fellowships  
**Funding:** Varies

**Description:** Workforce Department Internship Opportunities

The AGI Workforce Program tracks the supply and demand of geoscientists by collecting original data and analyzing existing data from Federal and industry sources, in order to inform the geoscience community of workforce trends and issues through regular reports. The Workforce Program also engages the next generation of geoscientists by supporting student recruitment at the college level and by communicating with students, faculty, and non-academic professionals about making the transition into the geoscience workforce after graduation.

In each summer and sometimes fall semester, we offer 12-week, paid internships for undergraduate or graduate geoscience students. Internships are held in the AGI headquarters in Alexandria, VA. Interns will work with social science and education research data about geoscience workforce trends. Tasks include data collection, data entry, analysis, interpretation and development of materials and deliverables for various projects. Students will also work on website development, connecting the geoscience community through social media and generally aiding with Workforce Program efforts that support the geoscience community.

**EARTH Magazine Science Writing Internship and Externship Opportunities**

- **Internship:** This 12-week, paid internship is intended for young writers seeking careers in science writing. Preference is given to candidates pursuing or holding an advanced degree in journalism and with a background in science, especially earth science, or with an advanced degree in science and a strong background in journalism. Upperclassmen with strong science and writing backgrounds, as well as experienced writers transitioning to science writing are also welcome to apply. The successful candidate will have a proven record of being self-motivated and entrepreneurial. The position can be based at EARTH’s headquarters at the American Geosciences Institute in Alexandria, Va., or remotely from his or her location of choice — anywhere in the U.S. The application submission period generally runs from mid-December through mid-March. [Visit EARTH Magazine for more details!](https://www.americangeosciences.org)

- **Externship:** EARTH also has an unpaid externship that is essentially an as-you’re-available writing opportunity for select students or inexperienced science writers. It is an opportunity to learn about the process of writing and editing a news story and to get published clips. For more information about this externship opportunity, [visit EARTH Magazine here](https://www.americangeosciences.org).

**Geoscience Policy and Critical Issues Internship and Fellowship Opportunities**

- **AGI/AAPG and AGI/AIPG Geoscience Policy Internships:** AGI Geoscience Policy offers spring, summer, and fall internship opportunities for undergraduate and Master’s geoscience students with an interest in science policy and in how policy decisions on Capitol Hill impact the geoscience community. Interns gain a first-hand understanding of the legislative process and the operation of executive branch agencies. They also hone writing, research, and web publishing skills. Stipends for the interns are generously supported by AGI, the American Association of Petroleum Geologists (AAPG) and the American Institute of Professional Geologists (AIPG) Foundation.

- **AGI/AIPG Critical Issues Internships:** AGI’s Critical Issues Program offers summer internship opportunities for undergraduate and Master’s geoscience students with a strong interest in state and local science policy and science outreach. Interns will hone their writing and web publishing skills while developing geoscience-based content for the program’s website, and will gain first-hand understanding of the legislative process and executive branch agencies. Stipends for the interns are funded jointly by AGI and a generous grant from the American Institute of Professional Geologists (AIPG) Foundation.

- **AGI Critical Issues Forum Internships:** AGI’s Critical Issues Program offers internship opportunities for undergraduate and Master’s students with a strong interest in the geosciences and in event planning and science outreach. Start dates for this internship will depend on the date of the Forum. Critical Issues Forums are 1-2 day workshop-style meetings that provide a collaborative setting in which participants from diverse backgrounds can share information and expertise on critical issues of mutual interest. Interns will focus on organizing Forums and supporting a range of program activities, which will allow them to hone their event planning, writing, and web publishing skills while also gaining first-hand understanding of the role of science in policy-making and science outreach. Stipends for the interns are funded by AGI. Please check the Forum Internship page for current dates.
• **AGI/Schlumberger Fellowship in Geoscience Communication:** AGI offers the AGI/Schlumberger Fellowship in Geoscience Communication, a six to twelve month opportunity for candidates who have completed a Master’s degree or higher. The AGI/Schlumberger Fellow works with AGI’s Critical Issues Program, an initiative to make relevant geoscience information more accessible to decision makers at all levels. The fellow develops geoscience-based content for the Critical Issues Program, working with technical experts to promote the accuracy and impartiality of content. The fellow also reaches out to geoscientists, decision makers, and other organizations to identify partnerships. The fellowship provides an excellent opportunity to gain hands-on experience in disseminating information for public decision making.

• **William L. Fisher Congressional Fellowship:** AGI offers the William L. Fisher Congressional Fellowship, an opportunity to spend 12 months (starting September of each year) in Washington working as a staff member in the office of a member of Congress or a congressional committee. The fellowship represents a unique opportunity to gain first-hand experience with the federal legislative process and make practical contributions to the effective and timely use of geoscientific knowledge on issues relating to the environment, resources, natural hazards, and federal science policy. Prospective applicants should have a broad geoscience background and excellent written and oral communications skills. Although prior experience in public policy is not necessary, a demonstrable interest in applying science to the solution of public problems is desirable. Applicants must have a Ph.D. at the time of appointment and must be a member of one of AGI’s member societies, a list of which is available here.

• **Harriet Evelyn Wallace Scholarship for Women Geoscientists**

• **William L. Fisher Congressional Geoscience Fellowship**

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3. **AWG Association for Women Geoscientists**

Website Link: [http://awg.org/awards](http://awg.org/awards)  
Deadline(s): Varies

**Support Strategies:** Teacher and student awards  
Funding: Varies

**Description:** AWG, through the support of our Foundation and esteemed donors, provides several awards and scholarships to deserving women across the globe. AWG’s first award, the Outstanding Educator Award, was established in 1988 to honor well-established college or university teachers who have played a significant role in the education and support of women geoscientists both within and outside the classroom. Since then, AWG and their associated chapters have added twenty new awards for both students and professionals that range from $250 dollars to $2000! Most recently, AWG developed the AWG Professional Excellence Awards, which go to women who throughout their careers have made distinguished contributions. Click on the links below to learn more information about each award or scholarship and APPLY or NOMINATE someone deserving today!

**Professional Awards**
- AWG Professional Excellence Award
- Distinguished Service Award
- Honorary Membership
- Outstanding Educator Award

**Student Awards**
- Brunton Award
- Sand Student Research Presentation Travel Award (Application)
- Takken Student Research Presentation Travel Award (Application)
- Winifred Goldring Award
- AWG Undergraduate Excellence in Paleontology Award
- Chrysalis Scholarship
- AWG Minority Scholarship (Application)
- AWG Maria Crawford Field Camp Scholarship

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4. **Evolving Earth Foundation**
### 5. Geological Society of America - Graduate Student Research Grants

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<tr>
<td><strong>Support Strategies:</strong> Research</td>
<td><strong>Funding:</strong> Average grant is $1,752.</td>
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</tbody>
</table>

**Description:** The Geological Society of America (GSA) is a global professional society with a growing membership of more than 26,000 individuals in 115 countries. GSA provides access to elements that are essential to the professional growth of earth scientists at all levels of expertise and from all sectors: academic, government, business, and industry. The Society unites thousands of earth scientists from every corner of the globe in a common purpose to study the mysteries of our planet (and beyond) and share scientific findings.

### 6. Mineralogical Society of America Research Grants

<table>
<thead>
<tr>
<th>Website Link: <a href="http://www.minsocam.org/msa/Awards/Min_Pet_Award.html">http://www.minsocam.org/msa/Awards/Min_Pet_Award.html</a></th>
<th>Deadline(s): Watch website for new deadline</th>
</tr>
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<tbody>
<tr>
<td><strong>Support Strategies:</strong> Research</td>
<td><strong>Funding:</strong> $5,000</td>
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**Description:** The Mineralogical Society of America (MSA) was founded in 1919 for the advancement of mineralogy, crystallography, geochemistry, petrology, and promotion of their uses in other sciences, industry, and the arts. It encourages fundamental research about natural materials; supports the teaching of mineralogical concepts and procedures; and attempts to raise the scientific literacy of society with respect to issues involving mineralogy in the widest sense. The Society encourages the preservation of mineral collections, displays, mineral localities, type minerals and scientific data. MSA represents the United States internationally with regard to the science of mineralogy.

### 7. Society of Economic Geologists Foundation

| Website Link: [https://www.segweb.org/](https://www.segweb.org/) | Deadline(s): Varies |

**Support Strategies:** Research

**Funding:**
- Up to $3,000
- Up to $5,000
- $1,752 average grant
- $5,000 average grant

**Description:**
- The Evolving Earth grant program provides grants to support student research in the earth sciences. A total of 10 grants are available each year, for amounts of up to $3,000 per grant. Undergraduate students, graduate students, and postdoctoral researchers at accredited U.S. colleges and universities or research institutions are eligible to apply for grant funding.
- The emphasis will be on research topics that relate to the mission and priorities of the foundation. Please read our mission statement and review the grant award conditions to determine whether your research is applicable.
- Applications that are missing any of these major elements will not be considered for funding.

How to Submit

**SUBMIT ONLINE**
Email grant applications in PDF format only to: grants@evolvingearth.org

**SUBMIT BY MAIL**
If desired, grant applications may also be snail mailed to:
Evolving Earth Foundation
P.O. Box 2090
Issaquah, WA 98027

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

**Deadline(s):** Watch website
<table>
<thead>
<tr>
<th><strong>Support Strategies:</strong></th>
<th>Student support</th>
<th><strong>Funding:</strong></th>
<th>Varies</th>
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<tbody>
<tr>
<td><strong>Description:</strong></td>
<td>A variety of student scholarships and travel grant funds to help develop more geologists, especially in areas of economic geology.</td>
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