Brought to you by the Office of Associate Deans and the Office of Corporate and Foundation Relations. Our goal is to share with you a variety of opportunities and search tools that may be helpful in your research or stimulate new ideas.

**Selected Requests for Proposals (RFPs)** Remember to submit a [Grants Notification](#) form before contacting any granting agency.

**NEW** Environmental & Life Sciences; Medical/Basic Science; Multidisciplinary; Social Sciences
National Institutes of Health (NIH) and
National Institute of General Medical Sciences (NIGMS)

**Short Courses on Mathematical, Statistical, and Computational Tools for Studying Biological Systems**

**Letter of Intent:** Due 30 days before application deadline  
**Application Deadline:** Next cycles are May 25 and September 25  
**Award:** $200K per year for up to 5 years

This FOA encourages applications from applicant organizations that propose creative and innovative research education programs to integrate mathematical, statistical, and computational approaches into biological, behavioral, and social sciences research. Progress in contemporary biological and behavioral research depends heavily on investigators who are skilled in the use of mathematics, computation, and statistics (collectively referred to as quantitative methods). This is especially true for scientists engaged in multidisciplinary research, systems sciences, model development, and research on large and complex data sets. Many scientists wish to update their quantitative skills, learn new approaches, and/or become familiar with software and the language of quantitative sciences. They also need to understand the assumptions, advantages, and limitations of these approaches.

Likewise, many quantitative scientists are interested in applying their skills and knowledge to contemporary biological and behavioral research but may lack formal training in fundamental biological disciplines. These scientists could benefit from training in the goals, nature, issues, and language of biological research. This announcement encourages applications for short courses and workshops that will improve the knowledge and skills of (a) biologists and/or behavioral or social scientists in quantitative sciences and (b) quantitative scientists in biology and/or behavioral social sciences. Applications may address one or both of these areas.

Target communities may include undergraduate through professional levels. The needs of the target community and the programs goals should determine the instructional approach. These might include Web-based instruction or more traditional approaches, such as summer workshops or on-site instruction.

The NIGMS will consider applications for short courses and workshops that are focused on topics relevant to its mission (see [http://www.nigms.nih.gov/About/Overview/](http://www.nigms.nih.gov/About/Overview/)). Courses and/or workshops may consider applying quantitative tools to the study of cells, tissues, and organisms from all developmental stages and to populations and social systems. Areas of interest may include, but are not limited to, the following:

- Management and analysis of biological or behavioral data;
- Visualization of data and modeling results;
- Computational analysis and modeling of biological and behavioral processes within the NIGMS mission (e.g., biomolecular structure and function, modeling of regulatory networks, metabolism, developmental dynamics, physiology, pharmacometrics, multiple organ failure, social dynamics, evolution);
- Statistical and quantitative methods applicable to biological research (e.g., quantitative genetics, genomics, or pharmacogenetics of human or model systems; statistical methods for high-throughput sequence data);
- Topics of biological interest aimed at mathematicians, statisticians, and computational scientists, such as molecular and cellular dynamics, systems biology, genetics, pharmacodynamics, or population or social dynamics.

See the NIH website for proposal guidelines.
**Best of Luck** to Andreas Madlung, who submitted a proposal to the National Science Foundation for his project, "Functional Genomics at the Intersection of Phytochrome and Auxin Signaling during Photomorphogenesis of Tomato." Madlung’s project aims to understand which genes allow plants to integrate light and gravity signals to produce an optimal architecture, and may allow future breeders to produce structurally stronger, larger, or better yielding crop plants that are better able to withstand adverse environmental conditions. The project will provide collaborative research opportunities for students of Heritage University and University of Puget Sound.

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**Liberal Arts Education—Professional Development**

Transylvania University is hosting a seminar, *Twenty-first Century Liberal Education: A Contested Concept*, at its Lexington, Kentucky campus in July. The seminar seeks to clarify the meaning of a liberal education for its practitioners and to foster a deeper commitment to its preservation at institutions of higher learning in America.

The project proceeds from the recognition that liberal education is an “essentially contested” concept deriving from a variety of differing, yet interrelated, intellectual traditions.

Presenters will provide an historical overview of the best thinking about the purpose of liberal education through the ages—from the cultivation of human excellence in classical Greece and Rome, to the seven liberal arts of the trivium and quadrivium in the Middle Ages, the training of the “Christian gentleman” in early America, and the formation of the democratic and global citizen in the contemporary period. Participants are invited to examine their own understanding of the concept in light of the historically evolving alternative perspectives as to its meaning. Participants also will be asked to consider the application of liberal education principles to enhance their own effectiveness as college and university teachers—in the classroom, in the preparation of course offerings, and in the construction of curricula at their academic institutions.

Participants will be comprised of 15 faculty members nominated by their liberal arts institutions. There is no cost to attend, and a $500 stipend will be provided for travel expenses. Presenters will be other individuals prominent in the field of liberal education, including senior faculty members from national liberal arts colleges. Questions to be addressed include:

- What is liberal education?
- What is its purpose?
- What is it good for?
- What is good teaching in the context of liberal education?

**Faculty wishing to be nominated should contact Associate Dean Sarah Moore by March 20.** More information can be found on the [Transylvania University website](https://www.transy.edu).

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**Internal Opportunities**

**University Enrichment Committee (UEC)**

The UEC provides funds to support faculty for research, sabbaticals, course development, travel and conference participation. Look here every month for upcoming deadlines and reporting reminders for active grants.

**Burlington Northern Curriculum Development** — April 1

**Conference Participation second trips**—May 16

Second trips will be considered for full or partial funding if any funds remain in the travel pool.

Application forms are located in [University Resources for Faculty Professional Development](https://www.transy.edu). Forms and information are also available for:

- Departmental Travel
- Conference Participation: Pedagogy Enrichment
- Martin Nelson Summer Research Fellowship
- John Lantz Senior Fellowships
- John Lantz Sabbatical Enhancement Award
- Sabbatical Leave
- Course and Seminar
- Grant-Assisted Leave
- Presidential Discretionary (Hewlett) Fund
- Trimble Asian Studies Award
- Cultural Currency
- Release Time
- Faculty Research

If you have questions regarding University Enrichment Committee grants, please contact:

Sarah Moore, Associate Dean
879-3207

Lisa Hutchinson, Academic Support Specialist
879-3429
These search engines are a good place to start a discipline-specific funding search

**Michigan State University Libraries**  Posted grant opportunities and grant-related resources organized by discipline. Also general information on proposal writing and grant research.

**National Endowment for the Arts (NEA):** NEA supports nine disciplines in the arts and arts education, including literature, poetry, preservation, access, and translation.

**Grants.gov:** The primary source to find and apply for federal grants.

**The National Academies:** Sciences, Engineering, Medicine and Research. Links to associateship and fellowship opportunities, especially for young scientists.

**US Department of Education (ED):** Search the Forecast of Funding Opportunities for upcoming RFPs.

**Decade of Behavior (FundSource)** For research in behavioral and social sciences

**Duke University Funding Opportunities** For all disciplines, with advanced search options

**The Illinois Researcher Information Service (IRIS)** is a unit of the University of Illinois Library at Urbana-Champaign.

**The Grant Advisor** A leading source of information on grant, research, and fellowship opportunities in the United States.

More RFPs

**NEW Conservation**
**National Fish and Wildlife Foundation**
**National Wildlife Refuge Friends Group Grant Program**
**Deadline:** April 30, 2012
**Award:** $1,500 to $5,000

The National Fish and Wildlife Foundation, along with its partners, recognizes the important role refuge Friends organizations play in building critical community support for the U.S. Fish and Wildlife Service's National Wildlife Refuge System. As such, we are requesting proposals for projects that assist organizations to be effective co-stewards of our Nation’s important natural resources within the National Wildlife Refuge System. This program provides competitive seed grants ($1,500 - $5,000) to creative and innovative proposals that seek to increase the number and effectiveness of organizations interested in assisting the Refuge System nationwide.

See the NFWF website for application guidelines.

On Campus

**Puget Sound Sustainability Pilot Grants**
**Deadline:** Proposals accepted on a rolling basis.

The **Sustainability Advisory Committee** (SAC) is accepting proposals for Sustainability Pilot Grants from faculty and students interested in conducting research projects on campus sustainability.

Previously funded projects include the Live Green House worm bin; Bike Shop low-cost bike rentals; Thermometers in Dorm Rooms; and (Bus) Pass It Along.

Proposal forms and information about project evaluation criteria can be found on the [SAC website](#).

If you have questions about the program, contact Joel Elliott, at x8593.

Grants Notification Form

Puget Sound faculty intending to submit a proposal for funding to an outside agency must complete and submit [this form](#) to ensure internal review by offices responsible for grant review and administration. Please allow 10 business days for review and approval.

Completion of the notification form helps Puget Sound grants administrators facilitate a relationship between the proposed funding agency and faculty applicants, and also avoid potential conflicts of interest between applicant goals and university funding goals.

Please direct questions to Associate Dean Alyce DeMarais, or Director of Corporate and Foundation Relations Jane Kenyon.

For assistance with grant budget proposals, contact Senior Accountant Stefanie Lund.

Be sure to visit the [Grant Resources webpage](#). The site provides resources to assist faculty in procuring funds to support research, programs, projects and initiatives to achieve the university’s mission.
NEW Conservation
National Fish and Wildlife Foundation
Keystones Initiatives
Deadline: The next Pre-proposal cycles are June 1 and Oct 1, with Full proposals due August 1 and December 1, 2012
Award: No fixed limit

The National Fish and Wildlife Foundation provides funding on a competitive basis to projects that sustain, restore, and enhance our nation’s fish, wildlife, and plants and their habitats. Our strategic plan organizes grantmaking efforts into two broad areas, Keystones and Charters.

Keystone Initiatives are a core portfolio of multi-year initiatives through which the Foundation and its partners seek to achieve measurable outcomes. There are currently four Keystones, each of which has multiple Initiatives:

- **Bird Conservation**
- **Fish Conservation**
- **Marine and Coastal Conservation**
- **Wildlife and Habitat Conservation**

Keystone Initiatives are a core portfolio of multi-year initiatives through which the Foundation and its partners seek to achieve measurable outcomes. Specific goals and strategies are identified for each initiative. Outcomes are continuously evaluated and objectives refined as the initiative evolves. Keystone initiatives are selected by the Foundation’s board of directors, based on recommendations from staff.

Working with partners, Keystone staff develop business plans for each initiative. Business plans include logic frameworks that provide a visual representation of desired outcomes, primary threats, and strategies for each initiative. Business plans provide specific guidance on the types of projects that will be considered for funding by the Foundation to fulfill the objectives of specific Keystone initiatives.

It is expected that applicants interested in Foundation funding for Keystone initiatives will review the business plans for the Keystone initiative of interest and prepare their application materials accordingly. Prospective applicants should contact the Keystone directors to discuss project ideas prior to submitting proposals to help ensure the relevance of funding requests.

All applications submitted for funding through the Keystones should explicitly reference how proposed projects fit within business plans and logic frameworks, or why they do not. Applications will be considered through a competitive process.

See the NFWF website for proposal guidelines.

Continuing All disciplines
Council for International Exchange of Scholars (CIES)
Fulbright Scholar Program
Deadline: August 1, 2012
Award: The core Fulbright Scholar Program sends 800 U.S. faculty and professionals abroad each year. Grantees lecture and conduct research in a wide variety of academic and professional fields.

The Fulbright Program is sponsored by the United States Department of State, Bureau of Educational and Cultural Affairs. Under a cooperative agreement with the Bureau, the Council for International Exchange of Scholars (CIES) assists in the administration of the Fulbright Scholar Program for faculty and professionals.

Application guidelines available here.