Graduate Student Information on Research

Catherine S. Bolek, M.S.

Director

Office of Sponsored Research

Thinking about writing a grant application

- Call OSRP for assistance before getting started.
- Grant applications submitted in the name of University are the property of the University.
- Not everyone associated with the University can be a grant recipient.
- Not all topics of research are allowable (e.g., testing pharmaceuticals on vertebrate animals housed on the campus).
- Good news: there are a number of resources available to assist you.

Call X6107 for an appointment

Overview of the Contents

- Obtaining Funds to Conduct Research
 - Understanding the process
 - Identifying funding sources
 - Preparing an application
 - Accepting an award
 - Conducting research
 - Closing out a project

- Participating in Research Studies
 - Intellectual property
 - Human subjects
 - Animal welfare
 - Biosafety
 - ITAR
 - Compliance policies and procedures
 - Training

What you need to know about UMES grant process can be found at

www.umes.edu/osp

The Office of Sponsored Research Website

www.umes.edu/osp - Site Resources

- GrantsForward
- Principal Investigator Manual
- Internal Routing Form
- Annual Reports
- Compliance Information
- Training

- Responsible Conduct of Research Plan
 - CITI training
- Flow-Chart OSRP Business Process
- Compliance Policies and Procedures
- Site Map in Alphabetical Order

/w.umes.edu/osp/Default.aspx?id=7580

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UMES > Academics and Research > Office of Sponsored Programs

ONLINE GIVING

OFFICE OF SPONSORED PROGRAMS

AWARD REPORTS

FORMS

MANUAL

FUNDING INFORMATION

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CONTACT US

SITE MAP

QUICK LINKS

- > UMES Home Page
- OSP Home Page
- MITSSII Contract (PDF)
- Federal Acronyms
- > Adobe Reader
- RealPlayer
- > PDF Conversion Programs
- : WordViewer

Office of Sponsored Research and Programs

Grants Opportunities

- Access the Community of Science Funding Opportunities.
- Search Grants.gov for funding opportunities.
- State of Maryland Grants
- Science & Development Network

Applicants should follow Grants.gov instructions when submitting an application through Grants.gov. You need to submit the electronic application 48 or more before the due date to insure that your application has been accepted for review. See text from the grants.gov site below.

"Submission Confirmation Screen

After you submit your grant application package, a confirmation screen will appear on your computer screen. This screen confirms that you have submitted an application to Grants.gov. This page also contains a tracking number for use while tracking the status of the submission as well as a "Track My Application" link, to use to see the progress of your submission.

Over the next two business days you will receive three to four emails from Grants.gov to inform you of your application processing status. During the processing of your submission"

UMES Routing Form



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UMES
Routing
Form



Credit Card Approval

Announcements



Principal
Investigators
Manual
2014



Grant
Writing for
Early
Childhood
Educators

Indirect Cost Rate On-Campus 55% Off-Campus 18.50



Who already has a grant?

What research is already on-going? Who funded the project?

How much was the award?



Responsible Conduct of Research

- Required training for all UMES students, faculty, staff and administrators involved in research – federal mandate.
- Go to the CITI site take the course receive a certificate be listed among those in compliance.

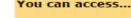
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????? Frequently Asked Questions ?????









Fedral Government Grants



NOAA Grants online

Grant Forward Funding Sources

nsible Conduct of Research Plan

Budget Modification Request Form

art-OSRP Business Process

I Impact of Sequestration on Sponsored Research and Programs

nce with Federal Regulations and University Policies involving the Conduct of

of Sponsored Research and Programs was established in 1992 by the President of UMES inistrative responsibility assigned to the Vice President for Information Technology and The purpose of OSRP is to provide faculty, research associates and students with in the preparation and submission of proposals and in the administration of grants and This action provides a single focal point for the University community and external dorganizations for all activities related to the acquisition and administration of activities.

All sydents involved in research, must take the Responsible Conduct of Science training contained in the Collaborative Institutional Training Initiative (CITI) program. <u>Access</u> CITI here.

All faculty members, students and staff involved in research, regardless of the funding source, involving human subjects, vertebrate animals, or agents that may involve environmental safety, recombinant DNA or biohazards, must take relevant training courses. Access CITI here.

Compliance Information and Federal Regulations for Grants and Contracts

- USM Board of Regents Policies and Procedures
- The National Science Foundation (NSF) Grants Policy Manual (GPM) for 2005
- OMB Circular A-21 Cost Principles for Education Institutions

Compliance Information on Export Controls

Animal, Plant Inspection Service

Compliance with Federal Biosafety, Human Subjects, Animal Use and Care Regulations

- NIH, OSHA, CDC, USDA select agents, APHIS, University registration of biological materials, selection, installation and use of biological safety cabinets.
- UMES Institutional Review Board Protection of Human Subjects of Research
- Animal Use and Care
- Human Subjects of Research
- Biosafety





Search Knowledge Base

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Log in through my institution

Username

Password

Q

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Over 7.3 million CITI Program courses have been completed since 2000



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unaffiliated learner.

Help & Support

Access requires registration as an affiliate of a subscribing CITI institution or as an

How do I register?

Merge duplicate accounts

I forgot my Username or Password

Passwoi

New Good Clinical Practice (GCP) Refresher Course New Clinical Research Coordinator (CRC) Course New Good Laboratory Practice (GLP) Course

4th World Conference on Research Integrity

CITI Program Announcements

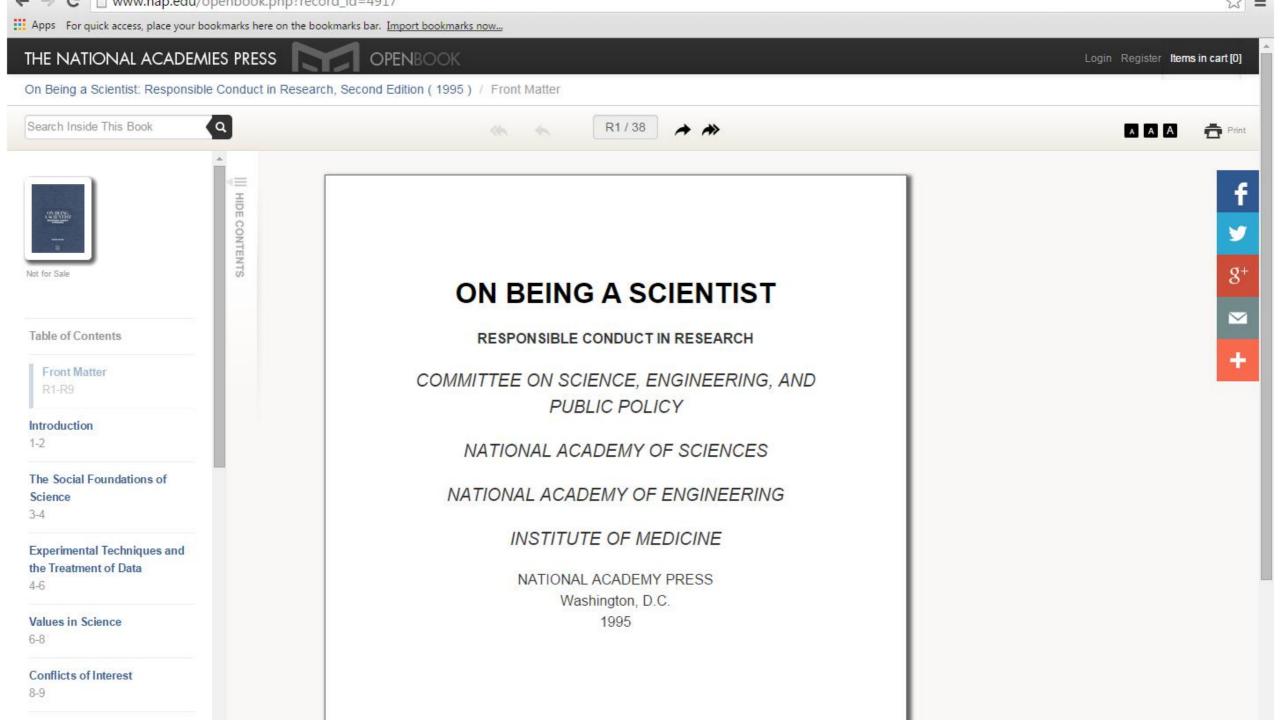
Visit CITI Program's Online Bookstore

More...

Additional Reading – On Being a Scientist

A must read for the serious scholar.

This free PDF was downloaded from: http://www.nap.edu/catalog/12192.html



How do I find funding sources

UMES subscribes to a commercial service, GrantsForward, accessible on a UMES on campus computer.

The service locates all federal grant opportunities, as well as, all foundation and corporate grant opportunities.

/w.umes.edu/osp/Default.aspx?id=7580

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????? Frequently Asked Questions ?????





Responsible Conduct of Research Plan

Budget Modification Request Form

Flow Chart-OSRP Business Process

Potential Impact of Sequestration on Sponsored Research and Programs

$\underline{\textbf{Compliance with Federal Regulations and University Policies involving the Conduct of Research}$

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- Human Subjects of Research
- Biosafety

You can access...





<u>Grants</u>

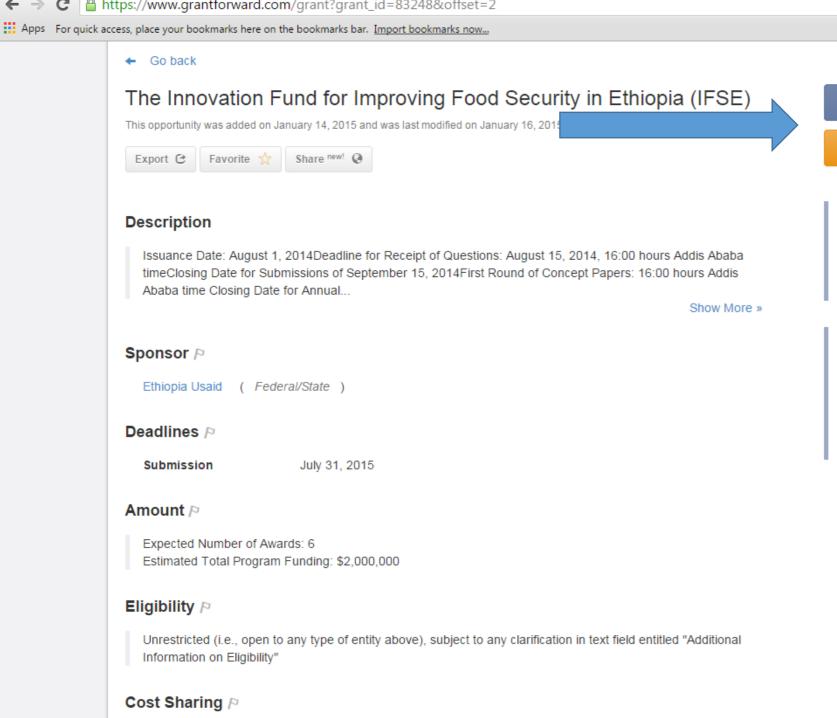


Grant Forward Funding Sources

Steps in Searching for a Grant Opportunity

- 1. Enter key words
- 2. Select opportunity
- 3. Scan summary
- 4. If eligible, select full announcement
- 5. Download application
- 6. Check opportunity source

- 7. Repeat the process, if the initial search is not acceptable
- 8. Repeat as needed
- NOTE: The system is a bit clunky. We are looking into more powerful search engines for future purchase. See visuals of the steps next.



→ Application URL

→ Opportunity Source

Researchers matching this opportunity

This opportunity does not match any of the researchers at your institution

Contact Information

Hiwot SeyoumAA Management SpecialistPhone 0

Phone: 251 111 3060

Email: hseyoum@usaid.gov

Apps For quick access, place your bookmarks here on the bookmarks bar. Import bookmarks now... APS-663-14-000003

The Innovation Fund for Improving Food Security in Ethior Agency for International Development Ethiopia USAID-Addis Ababa

« Back | Link -

SYNOPSIS DETAILS

VERSION HISTORY

RELATED DOCUMENTS

APPLICATION PACKAGE

IFSE)

Print Synopsis Details

The synopsis for this grant opportunity is detailed below, following this paragraph. This synopsis contains all of the updates to this document that have been posted as of 8/1/2014. If updates have been made to the opportunity synopsis, update information is provided below the synopsis.

If you would like to receive notifications of changes to the grant opportunity click send me change notification emails. The only thing you need to provide for this service is your email address. No other information is requested.

Any inconsistency between the original printed document and the disk or electronic document shall be resolved by giving precedence to the printed document.

General Information

Document Type: Grants Notice

Funding Opportunity Number: APS-663-14-000003

Funding Opportunity Title: The Innovation Fund for Improving Food Security in Ethiopia (IFSE)

Opportunity Category: Discretionary

Funding Instrument Type: Grant

Category of Funding Activity: Disaster Prevention and Relief

Category Explanation:

Expected Number of Awards: 6

CFDA Number(s): 98.001 -- USAID Foreign Assistance for Programs Overseas

Cost Sharing or Matching Requirement: No

Posted Date: Aug 1, 2014

Creation Date: Sep 24, 2014

Original Closing Date for Applications: Jul 31, 2015 Issuance Date: August 1, 2014 Deadline for Receipt of

Questions: August 15, 2014, 16:00 hours Addis Ababa time Closing Date for Submissions of First Round of Concept Papers: September 15, 2014 16:00 hours Addis Ababa time Closing Date for Annual Program Statement: July 31,

2015 16:00 hours Addis Ababa time

Current Closing Date for Applications: Jul 31, 2015 Issuance Date: August 1, 2014 Deadline for Receipt of

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Submissions of First Round of Concept Papers: September 15, 2014 16:00

hours Addis Ababa time Closing Date for Annual Program Statement: July 31,

2015 16:00 hours Addis Ababa time

Archive Date: Aug 14, 2015

Estimated Total Program Funding: \$2,000,000

Award Ceiling: \$500,000

Award Floor: \$150.000

Eligibility

Eligible Applicants: Unrestricted (i.e., open to any type of entity above), subject to any clarification in text field entitled "Additional Information on Eligibility"

Additional Information on Eligibility:

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APS-663-14-000003



The Innovation Fund for Improving Food Security in Ethiopia (IFSE) Agency for International Development Ethiopia USAID-Addis Ababa

SYNOPSIS DETAILS

VERSION HISTORY

RELATED DOCUMENTS

APPLICATION PACKAGE

Selected Grant Applications for Download

Download the application and its instructions by selecting the corresponding download link. Save these files to your computer for future reference and use. You do not need Internet access to read the instructions or to complete the application once you save them to your computer.



READ BELOW BEFORE YOU APPLY FOR THIS GRANT!

Before you can view and complete an application package, you MUST have Adobe Reader installed. Application packages are posted in Adobe Reader format. You may receive a validation error using incompatible versions of Adobe Reader. To prevent a validation error, it is now recommended you uninstall any earlier versions of Adobe Reader and install the latest compatible version of Adobe Reader. If more than one person is working on the application package, ALL applicants must be using the same software version. Click for more information on Adobe Reader Compatibility.

Please click the support tab for additional resources.

Below is a list of the application(s) currently available for the Funding Opportunity.

To download the application instructions or package, click the corresponding download link. You will then be able to save the files on your computer for future reference and use.

The application package for Funding Opportunity Number APS-663-14-000003 and Owning Agency USAID-ETH has not been posted by the awarding agency for submission through Grants.gov. See the Full Funding Opportunity for application instructions

Other Ways of Locating Funding Sources

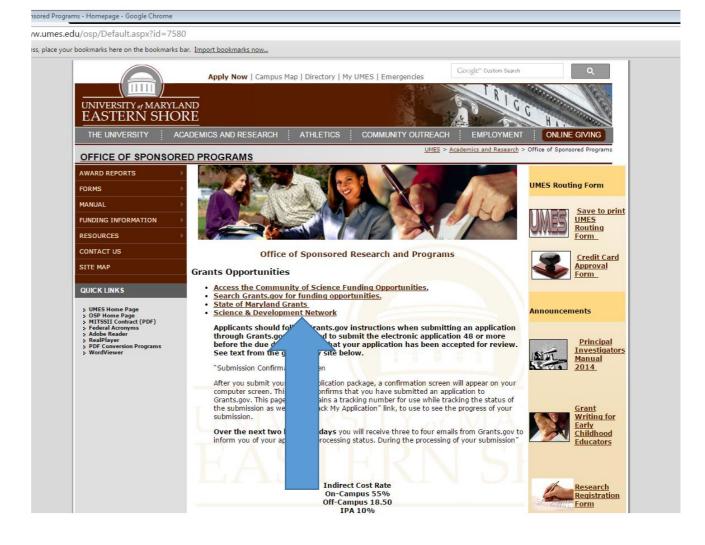
- Check websites of large universities, offices of sponsored programs or offices of grants and contracts (e.g., Harvard, Yale, UCLA, University of Ohio).
- Google searches (e.g., "grants for pharmacy", "grants for environmental science", "grants for graduate students")
- Grants.gov for federal grants
- Foundation Center for non-profit section sources (e.g., professional societies, charities)
- Pratt Library.org great resources for beginners
- Foundation Center foundationcenter.org
- Fundnetservice.com

Caution

- Be careful to vet the site you are using
- org, gov, mil denote not-for profit organizations, federal government, military
- Com denotes for-profit organizations who may be looking to sell you something that you can find for free with a little work or worse get personal information for sale.

Check state and private databases

www.umes.edu/osp



CONTACTS

StudentAid.gov

Find detailed information about federal student aid and the FAFSA application process. The site includes helpful publications and tools for managing Direct Loans.

www.StudentLoans.gov

Get more information about completing the Master Promissory Note, Direct PLUS Loan requests, and entrance counseling.

www.nslds.ed.gov

National Student Loan Data System (NSLDS®)

For information about all of your federal student loans and federal grants, visit NSLDS. Note that NSLDS does not include information. about any private loans you may have received.

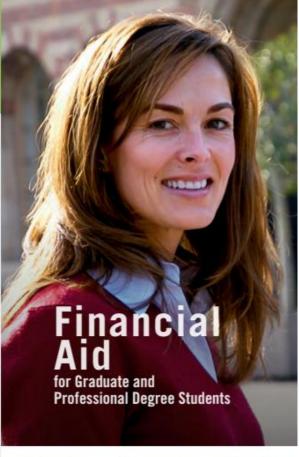
Stay connected:

/FederalStudentAid

/FAFSA

/FederalStudentAid

Note: The information in this document was compiled in the fall of 2012. For updates or additional information, visit StudentAid.gov or phone 1-800-4-FED-AID.



Federal Student Aid

PROUD **SPONSOR**

Are you headed for graduate or professional school and wondering how to pay for your education?

Federal Student Aid, a part of the U.S. Department of Education (ED), is the largest provider of student financial aid in the nation. We offer more than \$150 billion each year to help millions of students pay for higher education. Be aware of the myths and get the facts about financial aid from this brochure, where you will find an overview of

- the federal financial aid programs for graduate and professional degree students;
- the basic eligibility requirements;
- how to apply for financial aid;
- where to find other sources of aid (state, school, and scholarship): and
- the key items to consider before taking out a student loan.

Myths and Facts

Myth: Parents' personal and financial information must be reported on the Free Application for Federal Student Aid (FAFSASM).

Fact: In almost all cases, graduate and professional degree students are considered independent students and are not required to supply parent information on the FAFSA.

Myth: It takes hours to complete the FAFSA and it's expensive.

Fact: Completing the FAFSA online is easy and free. Recent statistics show that it takes an average of 17 minutes for independent students to complete it. You can complete the FAFSA at www.fafsa.gov.

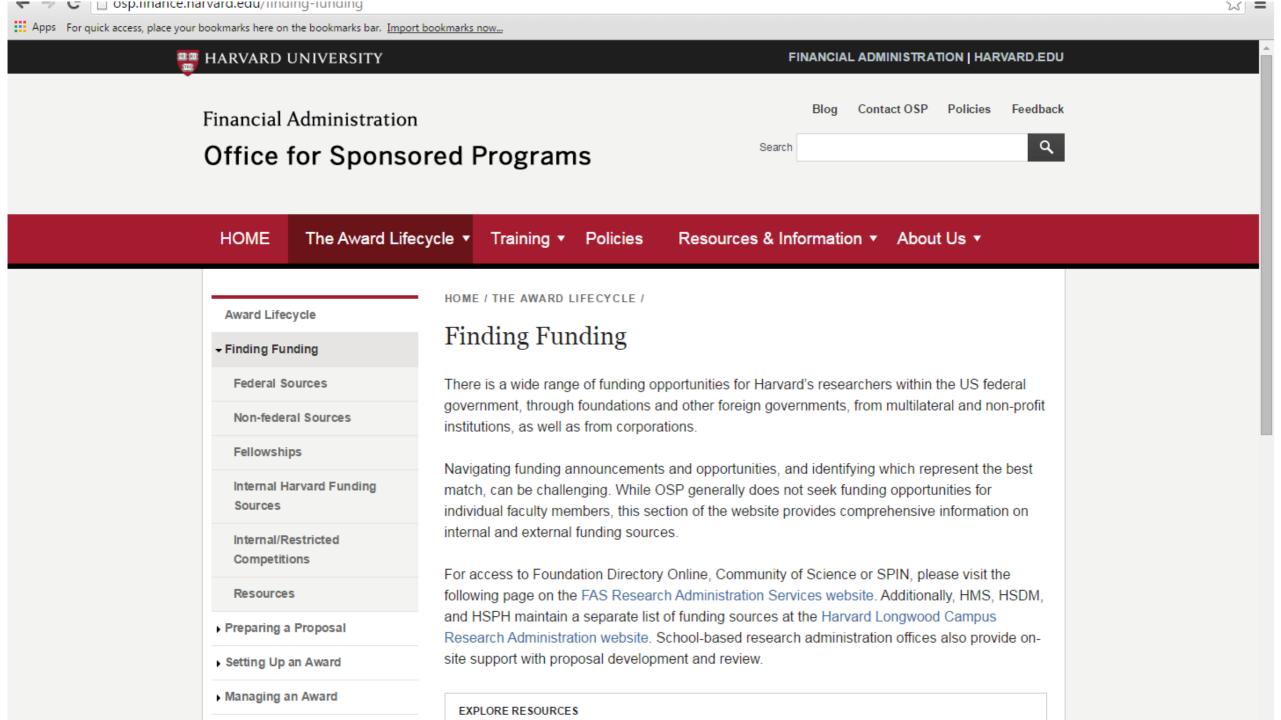
Myth: Private loans from my bank or credit union are as desirable as federal student loans.

Fact: There are key differences between federal loans and private loans. Federal student loans offer several repayment plans, including an option to tie your monthly payment to your income. Learn more about the differences between federal and private student loans at StudentAid.gov/federal-vs-private.

Which types of federal student aid can I receive?

Graduate and professional degree students may be eligible to receive aid from the following federal student aid programs:

- The William D. Ford Federal Direct Loan (Direct Loan) Program—This is the largest federal student loan program. Under this program, ED is your lender rather than a bank or other financial institution. There are two types of Direct Loans that graduate and professional degree students may receive:
 - Direct Unsubsidized Loans—Eligible students may borrow up to \$20,500 per school year. Graduate and professional students enrolled in certain health profession programs may receive additional Direct Unsubsidized Loan amounts each academic year. Contact your school's financial aid office for details.
 - Direct PLUS Loans—Eligible graduate and professional degree students who need to borrow more than the maximum unsubsidized loan amounts to meet their education costs may apply for a PLUS loan. A credit check will be performed during the application process.
- Federal Perkins Loan (Perkins Loan) Program— This is a school-based loan program for eligible students with exceptional financial need. You may qualify for a Perkins Loan of up to \$8,000 each year depending on your financial need, the amount of other aid you receive, and the availability of funds at your school.
- Teacher Education Assistance for College and Higher Education (TEACH) Grant—The TEACH Grant Program provides grants of up to \$4,000 a year to students who are completing or plan to complete course work needed to begin a career in teaching. The TEACH Grant is different from other federal student grants in that it requires you to take certain kinds of classes to get the



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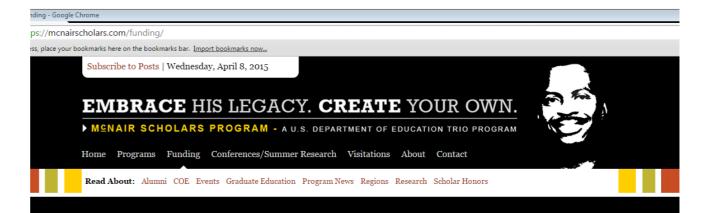
Community of Scholars

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Check out fellowship information

McNair Scholars Program



Funding

Fee waiver and fellowship information specifically for McNair scholars can be found at the COE McNair Scholars fee waiver page.

Graduate Student Funding Opportunities:

The links below are generally organized by discipline. These are various agencies and organizations, both private and governmental, that offer support for graduate study. Some of the support opportunities are "full-ride" research fellowships, others are limited-duration research internships, still others provide a set amount of funds for a specific scholarly work. The resources listed below are for graduate study and scholarly research; access to the available slots and funds are typically competitive and will require a formal application. See the individual website for each opportunity to discover the particular application requirements and process.

The sources of funding listed below are not necessarily specific to a particular institution of higher learning. These sources are from private and public organizations that have ties to higher education, but are not degree-granting entities.

If you discover any other sources of graduate funding that you would like to share with the McNair community, please email the site administrator with the funding information (at least the name of the source, or perhaps its web page address).

Search for:

Search

RECENT POSTS

Quantum Leap in Research OSDC-PIRE Fellowship Extends Deadline to February 28th

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Higher Education, Wages, and Polarization

Looking for a Postdoctoral position

Check out health related positions at the Fogarty Center

uate Non-NIH Funding Opportunities - Fogarty International Center @ NIH - Google Chrome

/w.fic.nih.gov/Funding/NonNIH/Pages/predoctoral-graduate.aspx

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Non-NIH Funding Opportunities for Predoctoral and Graduate Researchers



Fogarty funding opportunities

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About Fogarty

News from Fogarty

About Fogarty

Funding opportunities listed below target predoctoral and graduate researchers.

Other Non-NIH Funding Opportunities for:

- Postdoctoral Students
- Faculty
- ▶ Health Professionals
- Institutions
- ▶ Travel
- **▶ VIEW ALL LISTINGS**

This directory includes a variety of international grants and fellowships in biomedical and behavioral research. Its goal is to provide information about additional funding opportunities available to those in the field of global health research. The directory is maintained by the Fogarty International Center, the international component of the U.S. National Institutes of Health (NIH).

To add or update your organization's listing, please contact FICInfo@mail.nih.gov.

Organization Name	Fellowship/Grant Program Name	Funding Types	Program Summary
Africa London Nagasaki (ALN) Scholarship Fund	ALN Master's degree scholarships	Pre-doctoral/Graduate	The Africa London Nagasaki (ALN) fund is a scholarship fund set up to support African scientists to undertake a Master's degree in a subject relevant to the control of infectious disease in Africa. The awards will support a candidate to undertake an MSc at either the Institute of Tropical Medicine, Nagasaki University, Japan or at the London School of Hygiene & Tropica Medicine, London, UK.
Afya Bora Consortium	Afya Bora Fellowship in Global Health Leadership	Pre-doctoral/Graduate, Post-doctoral, Health Professional	The 1-year Afya Bora Fellowship in Global Health Leadership trains US and African health professionals to design, manage, evaluate large health programs in Botswana, Kenya Uganda, Tanzania.
Aga Khan Foundation (AKF)	International Scholarship Programme	Pre-doctoral/Graduate	The Aga Khan Foundation provides a limited number of scholarships each

Pharmacy students – looking for a scholarship

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/w.nerdwallet.com/blog/nerdscholar/2012/top-scholarships-pharmacy-students/

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Top Scholarships for Pharmacy **School Students**

by Ryan Zurowski on 19 Dec 2012 | posted in Education, Scholarships



This article was last updated on Jan. 26, 2015.

The cost of pharmacy school — like most professional schools — has risen significantly, and students often face a heavy debt load by the time they graduate. Schools generally offer some form of financial aid, but it isn't always enough. If you're in pharmacy school and trying to reduce your loan debt or if you're an undergraduate planning to go to pharmacy school, check out these scholarships.

NerdScholar

We can help you find scholarships, apply for financial aid, choose a college and get a job! Start with our free resources below.













Free Resources:

- · Guide: Life and SS in Your 20s
- FAFSA Guide
- Finance Glossary for Students
- · Scholarship Search
- Cost of Living Calculator
- Job Search Guide for Gen Y

Featured Articles



12 Ways to Make Money on the Side While Job Searching

By Gianna Sen-Gupta on 5 Mar 2015

International student looking for aid.

Check out Institute of International Education.

rom

rw.iie.org/fulbright

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Fulbright U.S. Student Program alumna Hildred Rochon (2004-2005, Madagascar) her project involved collecting data to help prevent and respond to potential reproductive health problems among Melangery worth.

Learn more

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Non-U.S. Students
U.S. Scholars

Non-U.S. Scholars

U.S. Students

Fulbright Programs

Fulbright Distinguished Awards in Teaching

Foreign Language Teaching Assistants



Sponsored by the United States Department of State, Bureau of Educational and Cultural Affairs, the Fulbright Program provides funding for students, scholars, teachers, and professionals to undertake graduate study, advanced research, university teaching, and teaching in elementary and secondary schools.

Fulbright Programs

Fulbrighters' Stories

The Fulbright U.S. Student Program

Offers fellowships for U.S. graduating seniors, graduate students, young professionals and artists to study abroad for one academic year. The Program also includes the English Teaching Assistant component



Fulbright grantee Deanna Fei discusses her book "A Thread of Sky".

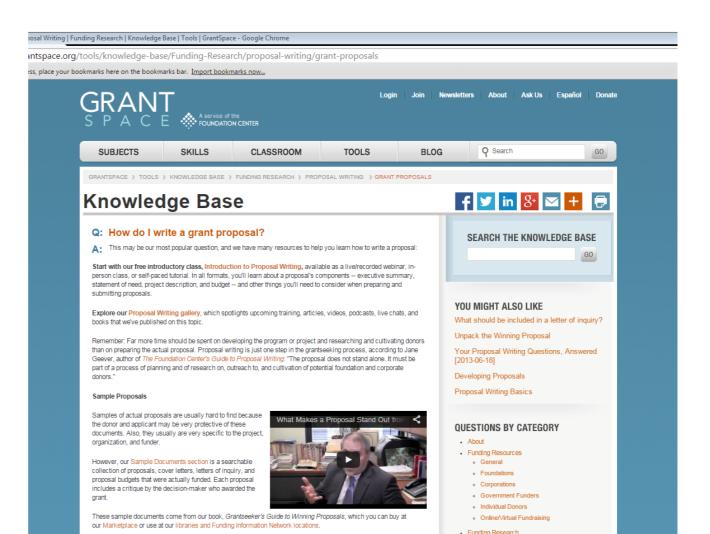
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Student Resources

- ► Funding U.S. Study for International Students
- Study Abroad Programs for U.S.
 Students
- Intensive English Programs in the U.S.

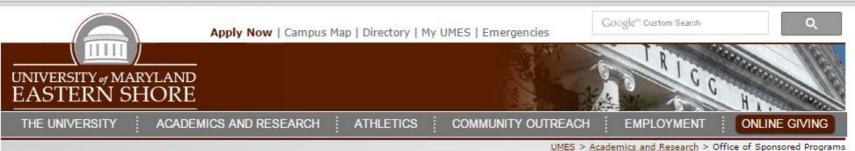
Need examples of grant proposals

Take a look at the Grant Space Knowledge Base at the Foundation Center



Principal Investigators Manual

Source of information on grant writing and award management.



OFFICE OF SPONSORED PROGRAMS

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AWARD REPORTS FORMS MANUAL FUNDING INFORMATION RESOURCES CONTACT US SITE MAP

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Office of Sponsored Research and Programs

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Over the next two business days you will receive three to four emails from Grants.gov to inform you of your application processing status. During the processing of your submission"

Indirect Cost Rate

UMES Routing Form









Principal
Investigators
Manual
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UMES Principal Investigators Manual

MANUAL FOR SPONSORED RESEARCH AND PROGRAMS ADMINISTRATION



/w.umes.edu/cms300uploadedFiles/osrpPI%20manual2014.pdf

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Frequently Asked Questions

Basic organizational information to be inserted into applications

Found on the center column on the OSRP homepage – www.umes.edu/osp

00uploadedFiles/Frequently Asked Questions about Grant and Contract Applications.pdf - Google Chrome

w.umes.edu/cms300uploadedFiles/Frequently%20Asked%20Questions%20about%20Grant%20and%20Contract%20Applications.pdf

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Frequently Asked Questions about Grant/

Contract Applications and Support Services

When a proposal application requires..... The answer is

....and more questions.and more answers.

General Business Address 11868 Academic Oval Princess Anne, MD 21853-1299 Type of Organization State Institute of Higher Education Congressional District MD-001 or 1st Official Authorized to Sign Proposals Dr. Juliette B. Bell President 11868 Academic Oval Princess Anne, MD 21853-1299 410-651-6101 Fax 410-651-6300 Office of the Vice President for Research and Dr. Dale Wesson 11868 Academic Oval Princess Anne, MD 21853-1299 410-651-8371 Fax 410-651-2273 Financial Contact and Sponsored Project Dr. Ronnie Holden Office of the Vice President for Administrative Affairs 11868 Academic Oval Princess Anne, MD 21853-1299 410-651-8371 Fax 410-651-2273 Financial Contact and Sponsored Project Dr. Ronnie Holden Office of the Vice President for Administrative Affairs 11868 Academic Oval Princess Anne, MD 21853-1299 410-651-6230 Fax 410-651-6105 Federal Cognizant Audit Agency DHHS Office of Audit Institutional Assurance Number 00005241 Principal Investigator, Project Director or Technical Contact Campus Address Faculty member's name Faculty member's name Technical Contact Orden OKCH9 DuNS Number 082611302 Cage Code 0KCH9 Date of Facilities & Administrative Cost Agreement Standard F&A Rates calculated at a % of 18.5% off campus	Submitting Organization	University of Maryland Eastern Shore
Type of Organization Congressional District Official Authorized to Sign Proposals Proposals Dr. Juliette B. Bell President 11868 Academic Oval Princess Anne, MD 21853-1299 410-651-6101 Fax 410-651-6300 Dr. Dale Wesson 11868 Academic Oval Princess Anne, MD 21853-1299 410-651-8371 Fax 410-651-2273 Financial Contact and Sponsored Project Payment Address Financial Contact and Sponsored Project Payment Address Dr. Ronnie Holden Office of the Vice President for Administrative Affairs 11868 Academic Oval Princess Anne, MD 21853-1299 410-651-8371 Fax 410-651-2273 Dr. Ronnie Holden Office of the Vice President for Administrative Affairs 11868 Academic Oval Princess Anne, MD 21853-1299 410-651-6230 Fax 410-651-6105 Federal Cognizant Audit Agency DHHS Office of Audit Institutional Assurance Number Principal Investigator, Project Director or Technical Contact Campus Address Faculty member's name Faculty member's address Employee Federal ID Number (TIN) 52-6002033 DUNS Number 082611302 Cage Code 0KCH9 Date of Facilities & Administrative Cost Agreement 55% on campus	General Business Address	11868 Academic Oval
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Cage Code 0KCH9 Date of Facilities & Administrative Cost 12/01/2010 Agreement 55% on campus	Employee Federal ID Number (TIN)	52-6002033
Date of Facilities & Administrative Cost 12/01/2010 Agreement 55% on campus	DUNS Number	082611302
Agreement 55% on campus	Cage Code	OKCH9
55% on campus	Date of Facilities & Administrative Cost	12/01/2010
	Agreement	
Standard F&A Rates calculated at a % of 18.5% off campus		55% on campus
	Standard F&A Rates calculated at a % of	18.5% off campus

OSRP Business Process

Step-by-step information on how the office operates and how the office interacts with other UMES offices.

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Flow Chart-OSRP Business Process

Potential Impact of Sequestration on Sponsored Research and Programs

Compliance with Federal Regulations and University Policies involving the Conduct of

The Office of Sponsored Research and Programs was established in 1992 by the President of UMES with administrative responsibility assigned to the Vice President for Information Technology and Outreach. The purpose of OSRP is to provide faculty, research associates and students with assistance in the preparation and submission of proposals and in the administration of grants and contracts. This action provides a single focal point for the University community and external agencies and organizations for all activities related to the acquisition and administration of sponsored activities.

All students involved in research, must take the Responsible Conduct of Science training contained in the Collaborative Institutional Training Initiative (CITI) program. Access

All faculty members, students and staff involved in research, regardless of the funding source, involving human subjects, vertebrate animals, or agents that may involve environmental safety, recombinant DNA or biohazards, must take relevant training





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<u>Grant</u> **Forward** Funding Sources

Funding Mechanisms

Grants

- Best level of effort
- Principal Investigator
 - Owns the data
 - Had legal protection of intellectual property
 - Leads the research party
 - Is, generally, the lead author on papers and presentations
 - Takes the heat if something fails

Contracts

- Legal, binding obligation to perform on time and within costs
- Principal Investigator
 - Pre-established deliverables set by the awarding organization
 - Principal Investigator may not own the data or end product
 - Leads the research party
 - Is, generally the lead author, if papers and presentations are allowed.
 - Takes the heat if something fails

Funding Mechanisms

Grants

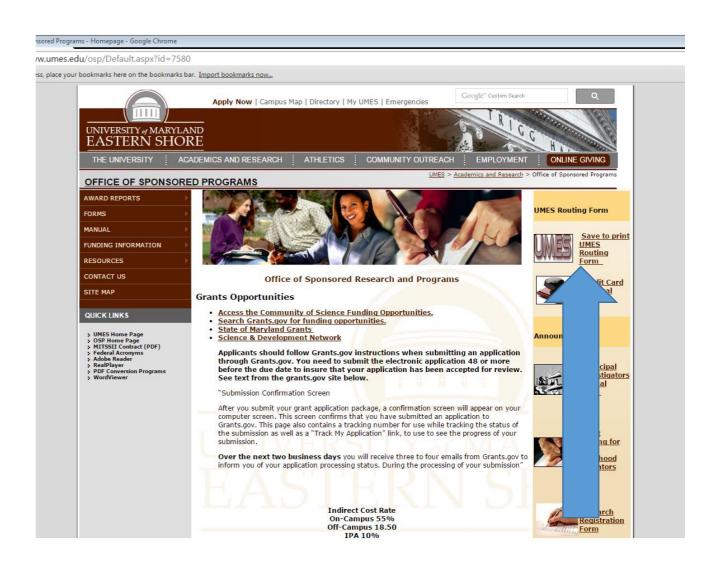
- Large grants are generally 3 years in length and are not renewable.
- Smaller grants may be for a year or 18 months.
- Many grants can be extended by a few months and in some cases a single year.
- Principal Investigators are responsible for participating in audits, site visits, and the close out of the award.

Contracts

- Depending on the type of contract (e.g., fixed price, cost reimbursable), contracts can be for as little as a few days to up to five years with renewable clauses.
- Principal Investigators are responsible for participating in audits, site visits, and the close out of the award.

How do I process an application?

Read the Principal Investigators Manual and obtain a routing form.



Compliance – Awards Come with Requirements – Check with your Faculty

- Human Subject Protection (IRB)
- Animal Welfare (IACUC)
- Biosafety
- International Traffic in Arms Regulations (ITAR)
- OMB Circulars
 - Rules for Universities receiving grant awards
- Federal Acquisition Regulations (FARs)
 - Rules for Universities receiving contract awards

Where do I get information on compliance?

Call the OSRP - X6107

Check the Principal Investigators Manual Check the OSRP site.

nsored Programs - Homepage - Google Chrome

/w.umes.edu/osp/Default.aspx?id=7580

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Effective until 06/30/15

????? Frequently Asked Questions ?????





Responsible Conduct of Research Plan Budget Modification Request Form

Flow Chart-OSRP Business Process

Potential Impact of Sequestration on Sponsored Research and Programs

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All faculty members, students and staff involved in research, regardless of the funding source, involving human subjects, vertebrate animals, or agents that may involve environmental safety, recombinant DNA or biohazards, must take relevant training courses. Access CIII here.

Compliance Information and Federal Regulations for Grants and Contracts

- USM Board of Regents Policies and Procedures
- The National Science Foundation (NSF) Grants Policy Manual (GPM) for 2005
- OMB Circular A-21 Cost Principles for Education Institutions

Compliance Information on Export Controls

Animal, Plant Inspection Service

Compliance with Federal Biosafety, Human Subjects, Animal Use and Care Regulations

- NIH, OSHA, CDC, USDA select agents, APHIS, University registration of biological materials, selection, installation and use of biological safety cabinets.
- UMES Institutional Review Board Protection of Human Subjects of Research
- Animal Use and Care
- Human Subjects of Research
- Biosafety





Fedral Government Grants



NOAA Grants online

Grant Forward Funding Sources



Working with Your Advisors Grant

- Know the funding source
- Check out the expectations of the funding agency or organization
- Get your instructions in writing including dates of deliverables
- Talk about publication rights

- Ask to read the grant application
 - Best way to learn to write a grant is to see a few successful applications
 - NOTE: not everyone shares!
- Ask about start dates and end dates of the award
 - Will the grant provide support for one year or more?
 - What happens if the grant runs out?

Intellectual Property

Patents

- Make a disclosure and receive counseling.
- Check out the Faculty
 Handbook on <u>www.umes.edu</u>
 enter intellectual property in the search site.

Trademarks

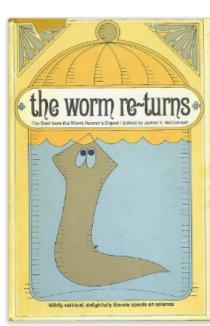
- OSRP can search existing trademarks and logos
- Receive assistance in applying for the Trademark

Publications and Authorship

- "Authorship should reflect the contribution." APA
- Work out arrangements with your advisor and other faculty regarding who is the first author. Such an arrangement, upfront, will pay benefits later.
- Obtaining an agreement in writing is the best course.
- Be sure who owns the data. Are you a technician or are you a contributing scientist?

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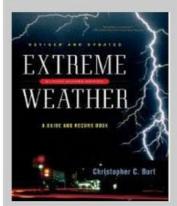
This Book Warps Space and Time

JIR's anthology is a fast-paced frolic of humorous and quirky tidbits in science, math, academe, bureaucracy, and witty wordplay. More than 250 entries ponder and pun the practical and peculiar. Edited by JIR's Norman Sperling, published by Andrews McMeel. 289 pages, 6 x 6 inches (but only the dimensions are square), soft

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Extreme Weather

by Christopher C. Burt



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What Your Astronomy Textbook Won't Tell You



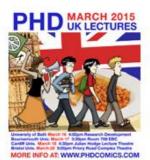
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3250	BINGOL The the presence of th	'Seminar Bingo' view comic

HOW GRAD SCHOOL IS JUST

Questions

See Contact Information

Contact Information

- Catherine Bolek, Director, OSRP, <u>csbolek@umes.edu</u> X6714
- Josh Shockley, Grants Accountant, <u>ilshockley1@umes.edu</u> X8993
- Libby Hall, Grant and Contract Assistant, lmhall@umes.edu X6107

Web site www.umes.edu/osp