

*Research.gov Overview*  
*NSF Regional Grants Conference*

*October 2011*

The logo for Research.gov is displayed within a dark blue rectangular box. The text "Research.gov" is written in a bold, sans-serif font. "Research" is in a light green color, ".gov" is in a medium blue color, and there is a white five-pointed star with a blue outline positioned over the 'e' in "Research".

**Research.gov**

# Research.gov Introduction & Background

# Research.gov

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- **Supports the needs of institutions and researchers**
  - Modernization of FastLane providing next generation grants management capabilities to meet the unique needs of the research community
  - Provides a menu of grants management and information services for multiple federal agencies in one place
  - Intuitive, easy-to-use environment to conduct business with the Federal Government
- **Increases transparency of federal research spending and outcomes**
- **Provides the public, scientific community, and Congress with easy access to information about:**
  - How federal research funds are being spent
  - What outcomes are being achieved
  - How those outcomes benefit society
- **Leverages government-wide standards**

## Research.gov Partnerships

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- Partnerships with the research community to identify, prioritize, and test services
- Partnerships with other federal agencies to streamline access to services and information for the research community
- Partnerships with federal community to leverage government-wide standards
- Leading consortium of federal research agencies in support of the Government-wide Grants Management Line of Business initiative



# Grants Management Environment



## Government-wide Grants

- “FIND” Grant Opportunities
- “APPLY” for Grants



## NSF Community

- **NSF-oriented services for:**
  - Institutions and researchers
- **Prepare and submit:**
  - Proposals
  - Financial Transactions and Reports
  - Project Reports
  - Requests related to awards



## Research Community

- **Partnership of research agencies providing research-focused services for:**
  - Institutions and Researchers
  - Key Stakeholders
  - NSF Staff/Program Staff
  - General Public
- **Mission-focused services to:**
  - Plan programs
  - Accept proposals
  - Conduct merit review
  - Manage awards
  - Publish results
  - Find policies, news, and events
- **Leverages government-wide standards**

# Research.gov currently offers a menu of grantee and informational services in one location



## ■ Public-facing Information Services:

- Research Spending & Results
- Policy Library (Government-wide)
- SEE Innovation
- Research Headlines & Events

## ■ Grants Management Services:

### Reporting Services

- Project Outcomes Report for the General Public
- Federal Financial Reports
- Research Performance Progress Reports (planning stage)

### Application Services

- Grants Application Status
- Application Submission Web Service

### Login Services

- InCommon
- Single Sign-On with FastLane



# Overview of Research Community Services

## **InCommon Integration at Research.gov**

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- **NSF joined the InCommon Federation in 2009 to provide NSF's research and education community easier access to online services using Research.gov**
  - InCommon leverages technology developed under an NSF-funded grant that enables researchers and sponsored programs offices to securely access Research.gov using their institution user ID and password
  - The InCommon Federation doubled in size during the last two years, now serving 146 organizations, including higher education institutions, U.S. government research labs and agencies, and commercial partners. InCommon reaches more than 3 million people in these organizations

# **InCommon Integration at Research.gov**

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- **Benefits of the InCommon integration include:**
  - Simpler and easier access to online services for research and education community
  - The secure exchange of information and access to web-based resources, the capability of using the same login credentials with other Federal agencies, and reduced number of user IDs and passwords
  - Principal Investigators (PI) and Co-PIs can directly access FastLane functions for proposal preparation, award management, and application status using their university issued user ID and password
  - Financial users can also access FastLane financial functions through InCommon
- **Coming Soon to Research.gov and InCommon:**
  - In late October, Sponsored Program Offices (SPOs) will also be able to access FastLane Research Administration functions using their university issued user ID and password through InCommon

## **Institutions Participating in InCommon**

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- **Currently, 23 institutions have completed Research.gov/InCommon integration:**
  - California Institute of Technology, Carnegie Mellon University, Colorado State University, Cornell University, Indiana University, Internet2, Johns Hopkins at Mt. Washington, Louisiana State University, Pennsylvania State, Texas A&M University, University of Arizona, University of California – Davis, University of Chicago, University of Cincinnati, University of Hawaii, University of Illinois – Urbana-Champaign, University of Nebraska-Lincoln, University of South Florida, University of Vermont, University of Washington, University of Wisconsin – Madison, and University of Wisconsin – Milwaukee
- **An additional 20 institutions are currently in the process of enabling integration**
- **Email [feedback@research.gov](mailto:feedback@research.gov) to joining the InCommon Integration at Research.gov** 10

# Application Submission Web Services

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- Application Submission Web Services:
  - Provides award applicants with a seamless experience of submitting proposals via web services to Research.gov and Grants.gov
  - Enables SPOs and PIs to prepare and submit applications directly to NSF using their institutions' systems
  - Leverages institutions' investments in system solutions and consistent with Grants.gov framework for system-to-system
    - Includes commercial or custom-built solutions with the capability to submit applications via web services
  - Lays the groundwork for further leveraging these investments for other key functions, such as post-award management (e.g., financial and project reporting)

## The Federal Financial Report

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- The Federal Financial Report (FFR) is an online service that allows organizations to prepare and submit the government-wide standard financial report to NSF
- NSF will completely transition FFR Preparers and Certifiers from FastLane to Research.gov next calendar year
- If FFR Preparers and Certifiers complete additional financial functions (such as cash requests) through FastLane, they will have seamless access to FastLane through Research.gov
- FastLane financial users are able to access all FastLane functions through Research.gov via single sign-on

# The Federal Financial Report

- Navigate easily through user-friendly financial management forms with the FFR service on Research.gov
- With the FFR service on Research.gov, organizations can:
  - Submit multi- and single-award financial reports using the new stand government-wide form
  - Adjust financially closed awards
  - Access web-based forms prepopulated with organization and grant information
  - Download and upload information in Microsoft Excel format

**Federal Financial Report (FFR) Dashboard**

## Financial Report Dashboard

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[Federal Financial Report \(FFR\)](#) : 3 total FFRs  
 Requires Your Action (0) | Pending Agency Action (1) | Ap

**Federal Financial Report**

## Federal Financial Report History

[FFR Help](#)

Adjust Font Size: [A](#) [A](#) [A](#)

45 FFRs found  
 PAGE: 1 of 2 | 1 [NEXT PAGE >>](#)

Quarter Ending	Status	Required	FFR Type
<a href="#">12/31/2008</a>	Unsubmitted	Required	FFR
<a href="#">09/30/2008</a>	Unsubmitted	Required	FFR
<a href="#">06/30/2008</a>	Approved	Required	FFR
<a href="#">03/31/2008</a>	Approved	Required	FFR



# **Project Outcomes Report for the General Public**

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- America COMPETES Act requirement specific to NSF
- Report serves as a brief summary prepared by the PI specifically for the public, describing the nature and outcomes of the project
- Effective for new awards/funding increments to existing awards made on or after January 4, 2010
- Required in addition to final project reports which will continue to go through FastLane
- Will not be reviewed or approved by NSF and will be posted for public with other award information in Research.gov's Research Spending and Results Service

# Project Outcomes Report

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- SPOs, PIs, and co-PIs will know if a report is required and due
  - Due and Overdue e-mail notifications
  - FastLane Project Reports system
  - Research.gov Project Outcomes Report Dashboard (PIs, co-PIs)
- SPOs will be able to search for Project Outcomes Reports along with interim, annual, and final project reports in FastLane
- Additional training tools are available online, including:
  - Demos
  - User guides
  - Additional online instructions

# Example of a Project Outcomes Report on Research Spending & Results

## Research Spending & Results

[Back to Results](#)

### Award Detail

Awardee: UNIVERSITY OF CHICAGO  
 Doing Business As Name: University of Chicago  
 PD/PI: Trevor D Price (773) 702-5176 pricet@uchicago.edu  
 Award Date: 01/29/2007  
 Funds Obligated to Date: \$ 365,400  
 FY 2010=\$19,400  
 FY 2008=\$5,000  
 FY 2007=\$341,000  
 Award Start Date: 02/01/2007  
 Award Expiration Date: 08/31/2010  
 Transaction Type: Grant  
 Agency: NSF  
 Awarding Agency Code: 4900  
 Funding Agency Code: 4900  
 CFDA Number: 47.074  
 Primary Program Source: 490100 NSF RESEARCH AND SPECIAL PROGRAMS  
 Award Title or Description: Analysis of regional biodiversity  
 Federal Award ID Number: 0640139  
 OHS ID: 005421136

## Project Outcomes Report

### Disclaimer

This Project Outcomes Report for the General Public is displayed verbatim as submitted by the Principal Investigator (PI) for this award. Any opinions, findings, and conclusions or recommendations expressed in this Report are those of the PI and do not necessarily reflect the views of the National Science Foundation; NSF has not approved or endorsed its content.

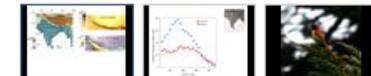
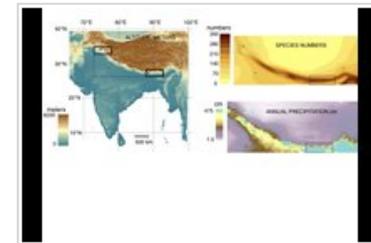
One of the most basic of ecological questions asks: why are more species found in some places of the world than others? Over the past decade, advances in our knowledge of (1) the present day distribution of species and climate, (2) relationships among those species (from DNA sequences) and (3) earth's history means that we can get much more rigorous answers to this question. In the work under review, we set out to collect these kinds of data to understand the cause of a more than two fold decline in the number of bird species breeding from the eastern Himalayas (where up to 600 species breeding in a 200 x 200km square) to the western Himalayas. The strength of the system is that >120 species are found in both locations, so we can study geographical variation within species, as well as assess the ecological attributes of those species with large ranges.

As the conceptual basis to this study (i.e., intellectual merit), we argued that any understanding of causes of differences in species numbers between locations should begin by asking: what is it that sets the range limits of many species (i.e., what is it about the conditions beyond the range limit that prevent species from establishing there). This is particularly effective for the Himalayas, because species not only have geographical range limits, but also altitudinal ones, and these kinds of limits can be compared. First, on the basis of theoretical work, we noted that understanding of range limits almost certainly requires an understanding of resources (notably food) are responding to underlying climatic variables.

The eastern Himalayas are particularly wet, and also warmer than the western Himalayas, and the big disparity in species numbers comes because certain climates are not experienced in the west at all; forest species below 2000 m decline massively from east to west, and 'open' species show no decline at all. However, many forest species do have ranges that extend from east to west. A critical question is whether those species with ranges that fail to go west are closely related to each other (and hence share some historical 'constraint'), or whether close relatives often differ in range size. We find the latter is the case: many closely related groups contain one species that lives in higher, colder, drier climates, and another that lives lower down, and it is the higher up one that has a large geographical range.

One of the more remarkable aspects of our work is how much we are learning the basic natural history, particularly of the little-known eastern Himalayas, which may have the second highest biodiversity in the world (after the northern Andes). By incorporating DNA analyses, we are finding multiple *cryptic* species in some groups (species which are very similar, but deeply genetically divergent). In this work, we are able to integrate both undergraduate and graduate students from both the US and India into both field and lab studies. The global perspective is needed to understand conservation issues, and to have much hope of conserving diversity in a region which is (1) amenable to conservation issues but (2) under considerable land and population pressure.

### Images (1 of 4)



## Grants Application Status

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- Grants Application Status is a grants management service that allows Sponsored Projects Office staff (SPOs) and Principal Investigators (PIs) to check the status of grant applications submitted to NSF and partner agencies
- Grants Application Status displays all applications submitted to:
  - NSF via Grants.gov or FastLane
  - USDA/NIFA via Grants.gov since October 2006



## Grants Application Status

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- This online service allows PIs to view status for applications on which they are an investigator and SPOs to view the status of all grant applications for their organizations submitted to participating agencies. With Grants Application Status you can:
  - Check on the status of applications as agencies receive and review them
  - View a consolidated list of grant applications submitted to NSF and USDA/NIFA
  - View detailed application status history from submission to review to decision
  - Maintain a single Login ID and password to view applications at multiple agencies
  - Search and sort applications by multiple fields (e.g., agency, tracking number, and received date)
  - View panel reviews (if applicable and you are a PI on the grant application)

# Grants Application Status

- Grant Application Status will normally be available one day after assignment to a Program Officer for NSF applications and up to five business days after the program deadline for USDA/NIFA applications

Grants Application Status Dashboard

Agency: All [All Last 6 Months](#) | [Search Grant Applications](#)

Agency	Agency Tracking Number	PO/PI	Submitting Institution	Descriptive Title of Project
NSF	<a href="#">1101263</a>	Alphaman, Alan	NSF	SBIR Phase I: Test for - 75009
NSF	<a href="#">1101267</a>	Alphaman, Alan	NSF	title test
NSF	<a href="#">1101269</a>	Alphaman, Alan	NSF	test Cover sheet
NSF	<a href="#">1101261</a>	Alphaman, Alan	NSF	Test for covr sheet -11
NSF	<a href="#">1101262</a>	Alphaman, Alan	NSF	Integration #6 Cost Sharing Prohibited
NSF	<a href="#">1101263</a>	Alphaman, Alan	NSF	Integration #6 Cost Sharing Required
NSF	<a href="#">1101264</a>	Alphaman, Alan	NSF	PFU coversheet
NSF	<a href="#">1101260</a>	Alphaman, Alan	NSF	No budget test for Add/Delete Senior...
NSF	<a href="#">1101029</a>	PI-JAN-2011, Erin	NSF	Primary Place of Performance Testing - ...
NSF	<a href="#">1100208</a>	Alphaman, Alan	NSF	eJ JANUARY RELEASE DMP TESTING

The displayed grant applications have had a status change during the last Application Statuses are updated nightly for NSF and CoDIARO, and every

### Grant Application: 0967952

[Back to Results](#)

**Agency**  
Agency Name: National Science Foundation

**Application**  
Agency Tracking Number: 0967952

Project Title: VOSTURB - A Vortex Shedding Vertical Axis Turbine Harnessing Energy from Free Streams

Requested Amount: \$502,458

Received Date: 09/17/2009

PI/PO: Thorsten Stoesser

Co-PI(s)/Co-PI(s):  
 Francesco Fedele  
 James Mayor  
 Anthony Yezzi  
 Ronald Harley

Authorized Representative: Stacey Oliver-Gooden

Submitting Institution: GA Tech Research Corporation - GA Institute of

# Overview of Public Facing Services

# Research Spending & Results – Search for NSF and NASA awards



- Find detailed award information for NSF and NASA including publication citations, award abstracts, award recipient, award amount and funds obligated to date and more!
- Search specifically for NSF Recovery Act Awards
- Use quick or advanced search to find detailed award information by institution, field of science, state, congressional district, and more!

Search Research Spending & Results

Quick Search | [Advanced Search](#) [Description of Search Terms](#)

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Search by any of the following fields:

Keyword:  This field searches all award information. Include "Quotes" around phrases for an exact match.

Awardee:  Searches the Awardee Legal Name (i.e., Rector & Visitors of the University of Virginia) and the Doing Business As Name (i.e., University of Virginia Main Campus) fields. Abbreviations (e.g., UVA), may not return the desired results.

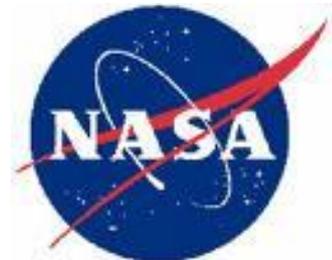
Federal Award ID Number:

Funds Obligated to Date: \$  To \$  (i.e., 50000 and 100000)

Project Director/Principal Investigator:  (Also searches for co-PDs and co-PIs)

Award Date:   To   (mm/dd/yyyy)

Show Only Recovery Act Awards:



# Policy Library

- Find Federal and agency-specific policies, guidelines and procedures:

LOG IN AS

NSF Visitor

[How Do I Login?](#) | [Register](#)

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**POLICY SEARCH**

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**POLICY LIBRARY**

- Overview
- > Proposal and Award Policies and Procedures Guide
- Related Resources
- > Who We Are
- ▼ Service Offerings
- Research Spending & Results
- Policy Library
- About Grants Application Status
- About Federal Financial Report
- About Project Outcomes Reports
- About Application Submission
- About User Management
- > News
- > SEE Innovation

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**APPLY FOR GRANTS**

- [Grants.gov](#)
- [NSF FastLane](#)
- [NASA Nspires](#)

## Policy Library

Research.gov's Policy Library provides a resource to explore Federal and agency-specific policies, guidelines and procedures for use by Federal agencies and the awardee community.

[Learn more](#)

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### Search by Topic Area

Select a topic below to begin your search:

<p><a href="#">Nondiscrimination</a></p> <p><a href="#">Live Organisms</a></p> <p><a href="#">Environmental Standards</a></p>	<p><a href="#">Allegations of Misconduct</a></p> <p><a href="#">US Flag Air Carriers</a></p> <p><a href="#">Trafficking in Persons</a></p>
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### Search by Policy Type

Select a type of policy below to begin your search:

<p><a href="#">Statutes</a></p> <p><a href="#">Regulations</a></p> <p><a href="#">OMB Circulars</a></p> <p><a href="#">Draft Policies</a></p>	<p><a href="#">Policies and Procedures</a></p> <p><a href="#">Terms &amp; Conditions</a></p>
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### Policies and Procedures

Provides informational documents about the National Science Foundation's proposal and award process.

[Proposal and Award Policies and Procedures Guide](#)

- [Part I: Grant Proposal Guide \(GPG\)](#)
- [Part II: Award & Administration Guide \(AAG\)](#)

[Grants.gov Application Guide](#)

[NSF Merit Review](#)

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### Related Resources

Links to Federal Councils and organizations that provide resources and guidance for research community and federal agencies.

[View Related Resources](#)

**Related Resources**

For additional information, access the following sites:

- [Office of Science & Technology Policy](#)
- [Science & Engineering Statistics](#)
- [Federal Demonstration Partnership](#)
- [More](#)

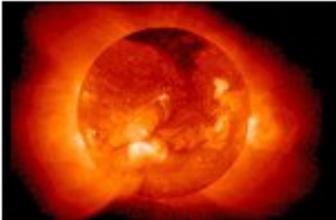
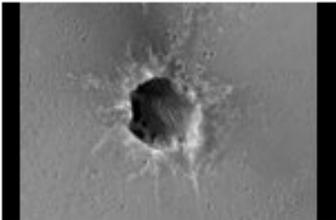
- **Laws**
- **Regulations**
- **OMB circulars**
- **Agency Policies**
- **Draft Policies**
- **Terms & Conditions**
- **FDP Repository**
- **Specialized Topics**
- **OSTP links**
- **Science & Engineering Statistics**
- **Other Resources**

# Research Headlines and Events

- View the latest news and highlights from agencies and the community

▼ Headlines

 January 25, 2011 [View All Headlines](#)

[Longstanding Mystery of Sun's Hot Outer Atmosphere Solved](#)  
**January, 06 0111** - One of the most enduring mysteries in solar physics is why the Sun's outer atmosphere, or corona, is millions of degrees hotter than its surface. [More](#)

[Rover Will Spend 7th Birthday at Stadium-Size Crater](#)  
**January, 06 0111** - the high resolution imaging science experiment (hirise) camera on nasa's mars reconnaissance orbiter captured a dec. 31, 2010, view of the mars exploration rover opportunity on the southwestern rim of a football-field-size crater called "santa maria." [More](#)

[NIFA Releases First of Seven Requests for Applications to the Agriculture and Food Research Initiative](#)  
**January, 07 2011** - The National Institute of Food and Agriculture (NIFA) today released the first request for applications (RFA) to the Agriculture and Food Research Initiative (AFRI) funding opportunity to support research, education and extension in fundamental and applied food and agricultural sciences. [More](#)







# Science, Engineering & Education Innovation (SEE Innovation)



- SEE Innovation is a new, interactive public service providing access to robust information about the outcomes and impacts of NSF-funded research
- SEE Innovation provides key information to:
  - The research community
  - Federal, state, and local policy makers
  - The general public
- See how NSF investments foster learning, discovery, and breakthroughs that advance the frontier of knowledge and benefit society



# Science, Engineering & Education Innovation (SEE Innovation)



- Using SEE Innovation, you can:
  - Learn about recent discoveries made by researchers across the country and identify potential collaborators in your area of study
  - View highlights to find snapshots about select NSF awards, with summaries describing the outcomes of projects
  - Use the interactive map to find your state's total number of awards in a given fiscal year, total amount of funds obligated in a fiscal year, and recent awards and award abstracts
  - Access information from multiple resources in one location, reducing the need to sift through multiple sources

A screenshot of the Research.gov website, specifically the page for the state of Iowa. The page features a navigation menu on the left with options like "Who We Are", "Service Offerings", "News", "SEE Innovation", "Research Areas", "States &amp; Territories", "Research Assets", "APPLY FOR GRANTS", "Grants.gov", "NSF FastLane", "NASA Inspires", "FEEDBACK", and "Tell Us What You Think". The main content area is titled "Iowa" and includes a map of the state. To the right of the map is a "Iowa Statistics" section with a bar chart showing total awards for FY 2009, 2008, and 2007. Below the map are "Award Highlights" with three entries: "Modeling 3-D Geologic Structures in a Multisensory Virtual Environment", "Cave Deposits are Archives of Earth's Past Climate", and "Improvement Made to Wireless Networks". There are also sections for "Local Research Assets" and "People of Distinction". The footer includes the National Science Foundation logo and the date "January 25, 2011".

# Research.gov Now Offers Webinars

## Research.gov Webinar Series

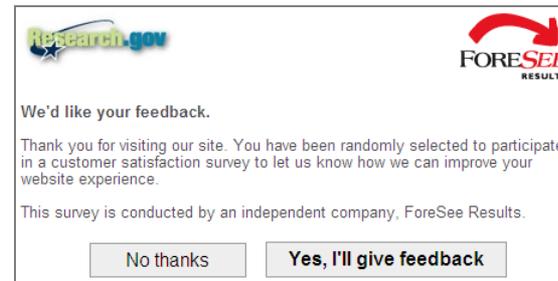
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- Research.gov now offers webinar trainings!
- Join us at one of our next webinars:
  - Research.gov General Overview (November 16, 12:00pm – 1:30pm)
  - Research.gov Hot Topic Webinar (January 23, 12:00pm – 1:30pm)
- If you are interested in scheduling a personalized webinar, contact us at [feedback@research.gov](mailto:feedback@research.gov)

# **Research.gov Wants Your Feedback!**

# Get more information on Research.gov and provide feedback

- The Research.gov Team is excited to participate in the following outreach conferences this fall:
  - NSF Regional Grants Conference Oct 17-18
  - SRA Annual Meeting Oct 22-26
  - NCURA Annual Meeting Nov 6-9
- Tell us what you think:
  - Complete our online feedback form
  - Take our online pop-up survey
- The Research.gov team monitors feedback to determine if services are meeting the research community needs, to prioritize new services, and to make enhancements to existing services



# Discover Research.gov Today!

**Research.gov** POWERING KNOWLEDGE AND INNOVATION

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- > Who We Are
- > Service Offerings
- > News
- > SEE Innovation

APPLY FOR GRANTS

- [Grants.gov](#)
- [NSF FastLane](#)
- [NASA Inspires](#)

FEEDBACK

[Tell Us What You Think](#)

## Learn How Federal Research Dollars are Being Spent with **Research Spending & Results**

[Click here to Learn More >>](#)

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### Our Services

Welcome to Research.gov! We have a new look and feel and exciting new and enhanced services. Select a service from the list below to find out more.

- [Research Spending & Results](#)  
Find Recovery Act Awards made by NSF. Here you can also find information about how NSF and NASA grant award dollars are being spent, what research is being performed, and how the outcomes of the research are benefiting society.
- [Policy Library](#)  
An electronic library that consolidates Federal and agency-specific policies, guidelines and procedures for use by Federal agencies and the awardee community. Agency-specific documents are included only for Research.gov partner agencies.
- [Grants Application Status](#)  
Principal Investigators and Sponsored Projects Office staff can check the status of grant applications, from submission to decision, submitted to NSF and USDA/NIFA. Account Required.
- [Federal Financial Report](#)  
Institutions can prepare and submit grant financial reports to NSF using the new government-wide standard form. Account Required.
- [Project Outcomes Report](#)  
New! Principal Investigators can prepare and submit the Project Outcomes Report for the General Public, a brief summary for the public that describes the intellectual merit and broader impacts of their NSF-funded research project.
- [Application Submission Web Services Pilot](#)  
The Application Submission Web Services pilot enables Sponsored Projects Office staff (SPOs) and Principal Investigators (PIs) to prepare and submit applications directly to NSF using their institutions' systems.
- [Institution and User Management](#)  
Institution Administrators can manage profiles and permissions for their institutions and users. Account Required.

[RECOVERY.GOV](#)

Learn More About the American Recovery and Reinvestment Act of 2009.  
[Learn More](#)

Events

- March 4 - 6, 2011  
[NCURA Financial Research Administration \(FRA\) 12 Conference](#)
- March 21 - 22, 2011  
[NSF Regional Grants Conference](#)
- March 27 - 30, 2011  
[SRA Southern/Northeast Section Meeting Conference](#)

[View All Events](#)

My Weather

**40°F**  
Cloudy

Arlington, VA  
Tue, 25 Jan 2011 12:50 pm EST

Enter Zip Code:

Questions or comments?  
E-mail us at:

[feedback@research.gov](mailto:feedback@research.gov)