

Research.gov –
A Partnership to Provide Transparency and Meet the
Needs of the Research Community

May 2010



Research.gov

- **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**



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**



Current Research.gov Services

- **Public Facing Services:**
 - Research Spending & Results
 - Find Recovery Act Awards
 - Research Headlines & Events
 - Policy Library (Government-wide)
- **Research Community Services:**
 - Grants Application Status
 - Principal Investigator/ Sponsored Project Office
 - Submit Federal Financial Reports
 - Manage institution and user accounts
- **Research.gov Partners:**

Research.gov

DISCOVERY POWERING KNOWLEDGE AND INNOVATION

Welcome Anonymous | January 22, 2010

Home | Contact Us | Site Map | Help

Who We Are

Led by the National Science Foundation (NSF), Research.gov is a partnership of federal research-oriented grant making agencies with a shared vision of increasing customer service for the research community, while streamlining and standardizing business processes amongst partner agencies. [MORE](#)

Service Offerings

Policy Library

Research Spending and Results

Partnership Model

Partner Agency List

Latest News

Frequently Asked Questions

Login

NSF

Get Started Now!

Register New Institution

Apply For Grants

Grants.gov

NSF FastLane

NASA INSPIRES

Feedback

Tell Us What You Think

Services

Online tools to help you manage your grants

Welcome to Research.gov. Below is a list of services that we offer. Select a service from below to find out more.

Research Spending and Results

New Available! First 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, USDA/CSREES, and DoD/ARO. Account Required.

Institution and User Management

Institution Administrators can manage profiles and permissions for their institutions and users. Account Required.

Federal Financial Report

Institutions can prepare and submit grant financial reports to NSF using the new government-wide standard form. Account Required.

Recovery Act

Learn More About the American Recovery and Reinvestment Act of 2009.

Events

January 21 - 22, 2010

Center for Research in Intelligent Storage (CRIS) IAB Meeting

Partnership meeting

January 25 - 26, 2010

FDP Meeting

Partnership meeting

February 10 - 12, 2010

NCURA Departmental Research Administration Workshop

Workshop

[View All Events](#)

My Weather

40°F

Cloudy

Arlington, VA

Fri, 22 Jan 2010 12:52 pm EST

Enter Your Zip:



NIFA
GRANTS

Business Drivers for New Service Implementation



- Research community feedback
 - Research Spending & Results
 - Policy Library
 - Application Submission Web Services
- Reporting Requirements
 - New government-wide format to ease burden on research community
 - Research Performance Progress Report (RPPR)
 - NSF specific reporting requirements
 - Project Outcomes Report for the General Public (POR)
- Open government (transparency, participation, and collaboration)
 - Science, Engineering & Education Innovation (SEE Innovation)



Coming soon to Research.gov

- Enhanced Research Spending & Results to allow ***more***:
 - View and download more search results (up to 6,000)
 - Export more details about awards such as abstracts
 - Conduct faster searches with more intuitive searches
- Enhanced Policy Library to allow ***more***:
 - Find the government-wide and agency-specific policies and guidelines you need more quickly and easily:
 - New robust keyword search or by intuitive categories, such as Policy Type (Statutes) or Topic Area (environmental standards)
 - Offers quick links to other Policy-related websites
- New enhancements to allow ***more***:
 - Stay up-to-date through new notification features, such as RSS feeds and email alerts.
 - Customize your Research.gov homepage and profile

Application Submission Web Services

- NSF is working with institutions to pilot an application submission service
- Consistent with Grants.gov framework for system-to-system
- Leverages institutions' investments in system solutions
- Provides applicants with a seamless experience of submitting proposals via web services to Research.gov and Grants.gov
- Leverages Research and Related data standard grantees are familiar with (SF-424 R&R)
- Lays groundwork for future opportunities to extend these capabilities to post-award management (e.g., financial and project reporting)

Pilot Overview

- Currently piloting with five institutions using Cayuse
 - California Institute of Technology
 - New Mexico University
 - University of Delaware
 - University of New York
 - University of Texas at Austin
- Have experienced success with submissions and positive feedback!
- Next Steps
 - Expand pilot to other interested institutions
 - Partner with additional interested system providers including COEUS, InfoEd, and ERA Softward
- If interested in participating, contact NSF at feedback@research.gov

Research Performance Progress Report

- The Research Performance Progress Report (RPPR) was approved by OMB in January 2010 for agency use
- NSF and NASA are partnering to jointly implement RPPR for the benefit of the research community
- Will be implemented via use Research.gov to provide a new online service for PIs to prepare and submit reports using this new format
- Working on scope and high level business requirements



Project Outcomes Report for the General Public

Project Outcomes Report for the General Public

- 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
- PIs and co-PIs will use Research.gov to prepare and submit this reports
- Required in addition to final project reports which will continue to go through FastLane
- Will be posted for public with other award information in Research.gov's Research Spending and Results Service

Project Outcomes Report— Notifications

- New report submission service will be available in Research.gov later this summer
- SPOs, PIs, and co-PIs will know if a report is required and due
 - FastLane Project Reports system
 - Due and Overdue email notifications
 - Research.gov Project Outcomes Report Dashboard (PIs, coPIs)
- Additional outreach and training tools are planned and being developed including:
 - Demos
 - User guides
 - Online help



FastLane Project Reports

The Project Outcomes Report will also appear on this page and redirect the PI/co-PI to Research.gov to prepare and submit the report

Project Reports System | [MAIN](#) ▶ Organization: Arizona State University

[Annual/Final Project Reports](#) [Interim Project Reports](#)

Award Number: (Text input field)

Award Title: (Text input field)

PI/Co-PI Name: (Text input field)

Annual/Final Project Report Requirements: [What do "NSF Report Status" and "My Submission Status" mean?](#)

To view a PDF of an approved Project Report, or to Create/Edit a Project Report for this award, click a link in the "Action" column below. To view a detailed history of Report Review comments, click any "View Comments" text link in the "Action" column.

3 reporting periods found, displaying 1 to 3

Report Requirement	Report Period Start Date	Report Period End Date	Report Due Date	Report Overdue Date	NSF Report Status	My Submission Status	Last Submission Date	Action
Annual	09/01/2007	08/31/2008	06/02/2008	09/01/2008	Approved	Submitted	06/16/2008	View PDF
Annual	09/01/2008	08/31/2009	05/31/2009	08/31/2009	Approved	Submitted	06/30/2009	View PDF
Final	09/01/2009	08/31/2010	08/31/2010	11/30/2010	Not Yet Due	Not Submitted	--	Create/Edit

Export options: [Excel](#)

Select to create report

1

FastLane Project Reports – cont'd

SPOs will be able to search for Project Outcomes Reports along with interim, annual, and final project reports in FastLane

Project Reports | MAIN ► Organization: University of California-Irvine

Search for an Award's Project Report(s):
Search by any of the following criteria.

Organization Name: University of California-Irvine

PI's Last Name: (Enter at least first two characters)

Award Number: (Enter 7 digits)

Project Report Type:

ANNUAL

- Submitted
- All Annual Project Reports for this year

Sort Results by:

- Award Number
- PI Last Name
- Award Expiration Date

FINAL

- Overdue
- Due within 30 days
- Due within 31-90 days
- Submitted
- All Final Project Reports

Sort Results by:

- Award Number
- PI Last Name
- Award Expiration Date

INTERIM

Interim Reports are not required to have due dates, so they cannot be searched for by due date.

Sort Results by:

- Award Number
- PI Last Name

Search

Due and Overdue email notifications

Project Outcomes Report for the General Public is Now Due!

To: Active SROs, active PIs, and all active Co-PIs
CC: Managing Project Officer (MPO)

Project Outcomes Report for the General Public is Now Due

Your Project Outcomes Report for the General Public is due for the following award:

Project Title:

PI:

Awardee:

Award Number:

Award Expires:

Program Officer Name:

Program Officer Email Address:

Program Officer Phone Number:



Project Outcomes Report Dashboard

PIs/Co-PIs will:

- Log into Research.gov with FastLane log in
- See the Project Outcomes Report Dashboard on home page
- See the number and status of required reports:
 - Due
 - Overdue
 - Submitted
 - Not yet due
- Click on link to view, prepare, and submit reports

Research.gov

POWERING KNOWLEDGE AND INNOVATION

Welcome John Smith | My Profile | Logout | September 28, 2009

Print Page | Adjust Font Size: A A A

Grants Application Status Dashboard

Agency	Agency Tracking Number	Submitting Institution	Descriptive Title of Project	Status	Status Date	Requested Amount
NSF	0414395	Arizona State University	Donec nunc at urna. Et al varius varius sem	Awarded	05/01/2009	\$365,372
CSREES	2007-05080	Kansas State University	Donec nunc at urna. Et al varius varius sem	Awarded	05/01/2009	\$642,671
CSREES	2007-04978	Kansas State University	Donec nunc at urna. Et al varius varius sem	Awarded	05/01/2009	\$5,400,000
DoD/ARO	55995	University of Washington	Donec nunc at urna. Et al varius varius sem	Awarded	05/01/2009	\$100,000
NSF	0414395	Kansas State University	Donec nunc at urna. Et al varius varius sem	Awarded	05/01/2009	\$365,372

The displayed grant applications have had a status change during the last six months (maximum of 10 displayed). Grant Application Statuses are updated nightly for NSF and DoD/ARO, and every Friday for CSREES.

Project Outcomes Report Dashboard

Project Outcomes Report : 8 Total
Due (1) | Overdue (1) | Submitted (4) Not Yet Due (1)

My Links

Group Header Name
Link Name Here

Group Header Name
Link Name Here
Link Name Here
Link Name Here

Science & Innovation

Explore Science & Innovation

Events

August 7 – 11, 2009
SRA Western Section Meeting
NSB Meeting

August 7 – 11, 2009
National Science Board Meeting
Partnership Meeting

August 7 – 11, 2009
Center for Computational Materials Design (CCMD) Semi-Annual Meeting
Partnership Meeting

View All Events

My Weather

72° F
Partly Cloudy

Project Outcomes Report—Submitting

Welcome John Smith | My Profile | Logout | September 28, 2009

Project Outcomes Report

Award ID: 0886755
Report Period: 10/1/2008 to 9/30/2009

Project Outcomes Report for the General Public

The Project Outcomes Report for the General Public must be at least 200 words in length and can be up to 800 words.

Report Text Area:

... (Large text area containing a sample report text, with the first 150 words highlighted in red)

Related Images:
To add up to 6 supporting Images, click the Add & Remove Images button below.

Photos (1 of 6) [View Full Size](#)

... (Thumbnail preview of 6 images, with the first image highlighted in red)

[Add & Remove Images](#)

Word Count: 150

[Cancel](#) [Preview](#) [Save](#) [Save & Submit](#)

Upload images with report:

- Must acknowledge permission granted to use image
- Maximum of 6 images

Prepare Report, should:

- Address the intellectual merit and broader impacts of the work as defined in the NSF merit review criteria.
- Be brief: 200-800 words
- Be written for the lay reader

Preview their report before submitting, save report and return later to finish, or submit

Project Outcomes Report— Public Posting

Research Spending & Results

[Back to Results](#)

Award Detail

Awardee:	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA
Doing Business As Name:	University of Virginia Main Campus
PDPI:	B. Jill Venton 434-243-2132 bjv2n@virginia.edu
Award Date:	01/12/2007
Estimated Total Award Amount:	\$550,000
Funds Obligated to Date:	\$550,000 FY 2009= \$330,000 FY 2008= \$110,000 FY 2007= \$110,000
Award Start Date:	02/01/2007
Award Inactivation Date:	01/20/2012

Project Outcomes Reports will be available to the public through Research.gov on an award's Research Spending and Results Award Detail page

[Print Page](#) [Adjust Font Size: AAA](#)

Project Outcomes Report for the General Public

Project Outcomes Report for the General Public
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque quis dignissim massa. Aenean etiam volutpat. Consectetur nonummy velit ac quam volutpat nuctor. Etiam adipiscing, lectus elementum iecula molendie, dolor orci hendrerit massa, sodales sodales etit mi sit amet iecula. Proin vehicula facilisis pellentesque. Morbi a sagittis nisl. Nunc egestas iecula turpis, in iecula nisi porta et. Fusce luctus purus ac tortor pretium eget sodales sapien volutpat. Ut blandit, tortor et aliquem porta, iugue iecula blandum quam, ut ultrices enim turpis in arcu. Proin tellus nisi, porta non dignissim et, iecula sed etat. Pellentesque porta nonnulla eu sem aliquam sollicitudin non non turpis. Donec lectric, sapien sed iecula adipiscing, tellus tortor porta enim, non blandit lorem nisi id libero. Aliquam feugiat congue enim, id fringilla purus blandit a. Etiam venenatis, erit et cursus posuere, wugue eros pulvinar eros, et consectetur leo dui nec velit. Fusce et velit et wugue hendrerit viveme eu in nunc. Cum sociis natoque penatibus et magnis dis preturant montes, nescetur ridiculus mus. In imperdiet risus ac nisi fermentum a tristique elit blandit.

Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Proin a nunc nisl. Sed enim enim, euismod quis blandit eget, blandum eget urna. Aliquam erat volutpat. Nulla sed justo vel erat vehicula consectetur in quis et. Aenean iecula iecula, blandit eu iecula nec, sollicitudin vel metus. Nullam eleifend, ipsum eu dignissim tempus, iugue ipsum imperdiet wicu, in sagittis purus ipsum a et. Phasellus rhoncus nonnulla sit amet nunc iecula eget adipiscing iecula gravida. Phasellus rhoncus venenatis turpis id gravida. Morbi suscipit volutpat blandit. Curabitur et dolor pellentesque consequat orci, ut consectetur justo adipiscing id. Maecenas sem turpis, rhoncus in interdum nec, eleifend volutpat massa. Sed nec aliquet mi.

Mauris eu ipsum dolor. Quisque eros turpis, facilis sagittis eleifend in, ornare et nisl. Ut venenatis consequat orci. Ut nec blandit odio. In iecula lobortis tempus. Donec blandum, justo imperdiet eleifend lobortis, iecula wugue euismod risus, vitae interdum.

Last Modified: 6/30/2010
Submitted by: John Smith

Addendum # 1
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque quis dignissim iecula. Aliquam erat volutpat. Curabitur lobortis velit ac quam volutpat nuctor. Etiam adipiscing, lectus elementum iecula molendie, dolor orci hendrerit massa, sodales sodales etit mi sit amet iecula. Proin vehicula facilisis pellentesque. Morbi a sagittis nisl. Nunc egestas iecula turpis.

Added: 6/30/2011
Submitted by: Jane Doe

Disclaimer
This Public 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.

[Back to Results](#) Returns user to Search Results page, where they can select another record.



SEE Innovation

Science, Engineering & Education Innovation (SEE Innovation)



- This summer, NSF will begin piloting SEE Innovation, 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
 - The general public
 - Federal, state, and local policy makers



The screenshot shows the Research.gov Preview website. The top navigation bar includes "Home", "Contact Us", "Site Map", and "Help". The date "April 28, 2010" is displayed. The main content area features a "LOGIN AS" box for "NSF Visitor" and a "Search" bar. Below this are several image cards: "Who We Are" (Sandra Kelish, 2009 PAESST Awardee), "IceCube" (A telescope under construction at the South Pole), "Satellite Test Facility" (In New Hampshire), "Antarctic Penguins" (The Science of Climate Change), and "Code Removal" (A modern view). A sidebar on the left lists "Who We Are", "Service Offerings", "News", "SEE Innovation" (selected), "Research Areas", "States & Territories", and "Research Assets". A "APPLY FOR GRANTS" section includes links to "Grants.gov", "NSF FastLane", and "NASA Horizons". The footer reads "Science, Engineering & Education Innovation".



The screenshot shows the "States & Territories" section of the Research.gov website. It features a map of the United States with state outlines. A legend on the left includes icons for "Home", "Search", "RSS", "Email", "Print Page", and "Adjust Font Size". Below the map is a list of states and territories: Alabama, Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, International, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Puerto Rico, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Virgin Islands, Washington, DC, Wisconsin, and Wyoming. A box on the right says "NSF Research outside the United States" and "Polar Research International Research".

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.
 - See how NSF investments in science & engineering and research & education foster learning, discovery, and breakthroughs that advance the frontier of knowledge and benefit society.
 - 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, eliminating the need to sift through multiple sources to find what you are looking for.

Science, Engineering & Education (SEE Innovation) Home Page



Research.gov Preview **POWERING KNOWLEDGE AND INNOVATION** May 13, 2010

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LOGIN AS NSF Visitor Login [How Do I Login?](#) | [Register](#)

Who We Are

Service Offerings

News

SEE Innovation

- Research Areas**
- States & Territories**
- Research Assets**

APPLY FOR GRANTS

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

FEEDBACK

[Tell Us What You Think](#)

Science, Engineering & Education Innovation

NSF NSF-funded projects are advancing knowledge, transforming society, strengthening the economy, and helping to keep America secure. Learn about projects, people, and infrastructure in every state and all fields of science and engineering. [Learn More](#)

Research Areas [View All 12](#)

Astronomy & Space

Biology

States & Territories

Use the interactive map to explore NSF research facilities, award highlights and topics. [Browse By Map](#)

Alabama **International** **Nevada** **South Dakota**
Alaska **Iowa** **Kansas** **New Hampshire** **Tennessee**
Arizona **Kentucky** **Massachusetts** **New Jersey** **Texas**
Arkansas **Louisiana** **Michigan** **New Mexico** **US Virgin Islands**
California **Maine** **Minnesota** **New York** **Utah**
Colorado **Maryland** **Mississippi** **North Carolina** **Vermont**
Connecticut **Massachusetts** **Missouri** **North Dakota** **Virginia**
Delaware **Michigan** **Montana** **Ohio** **Washington**
Florida **Minnesota** **Nebraska** **Oklahoma** **Washington DC**
Georgia **Mississippi** **Pennsylvania** **Oregon** **West Virginia**
Hawaii **Missouri** **Puerto Rico** **Pennsylvania** **Wisconsin**
Idaho **Montana** **Rhode Island** **Puerto Rico** **Wyoming**
Illinois **Nebraska** **South Carolina** **Rhode Island**

States and Territories

Research.gov Preview May 13, 2010

POWERING KNOWLEDGE AND INNOVATION

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 NSF Visitor 

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

States & Territories

Choose a state on the map to see more information.

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- States & Territories**
- Choose State or Territory
- Research Assets**

APPLY FOR GRANTS

[Grants.gov](#) 

[NSF FastLane](#)

[NASA Nspires](#) 

FEEDBACK

[Tell Us What You Think](#)

 National Science Foundation



States & Territories

Choose a state on the map to see more information.

Colorado

Research Assets: 9 2009 NSF Awards: 970

Award Statistics for Fiscal Years:

Fiscal Year	Awards	Amount
2009	970	\$401,368,255
2008	total awards for	FY 2009
2007		

Visit Colorado 

Colorado State Page

Research.gov Preview SEARCH Advanced May 13, 2010

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Colorado

Colorado Statistics

2009	\$401,368.255
2008	total awards for FY 2009
2007	

[More »](#)

Local Research Assets: 9
2009 NSF Awards: 970

[Visit Colorado](#)

[View full interactive map.](#)

Award Highlights

HD Movie Guides Travelers through Wormhole
A new high-definition movie created by University of Colorado researchers shows what it would be like to pass through a wormhole....

Research Areas: [Education](#), [Physics](#)

SYNKERA TECHNOLOGIES INC.

New Membrane to Purify Hydrogen Brings Affordable Fuel Cells a Step Closer
Synkera Technologies has developed an energy-efficient, reliable membrane technology for hydrogen separation....

Research Areas: [Chemistry & Materials](#), [Engineering](#)

Revealing the Genes that Control Toxic Secretions from Arabidopsis Plant Roots
Plants take an active role in the underground ecosystem by secreting chemicals that target various organisms. Biochemists at Colorado State University....

Research Areas: [Biology](#), [Chemistry & Materials](#)

[More >>](#)

Local Research Assets

renewable Energy Materials Research Science & Engineering Center
REMRSEC is focused on transformative materials advances and educational directions that significantly impact the emerging renewable energy technology...

Institution: Colorado School of Mines **Type:** [Program](#)

Recent Awards & Abstracts

Workshops for continuation GPS monitoring of tectonic, atmospheric, hydrologic, and volcanic processes in Mexico

Colorado Louis Stokes Alliance for Minority Participation Bridge to the Doctorate - Cohort IVL at the Colorado School of Mines

STTR Phase I: Structural properties of carbon nanotube/polymer composites

[View All >>](#)

Award Highlight Example

Research.gov Preview  [Search](#) [Advanced](#)

May 13, 2010  [Print Page](#) [Adjust Font Size: A A A](#)

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Who We Are

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HD Movie Guides Travelers through Wormhole

NSF Award: [ESP-AST: Black Hole Visualization for the World](#) (University of Colorado at Boulder)

State: [Colorado](#)

Congressional Districts: Colorado District 02

Research Areas: [Education](#), [Physics](#)

A new high-definition movie created by University of Colorado researchers shows what it would be like to pass through a wormhole. The viewer journeys through a black-hole horizon down to the inner horizon, where some believe that a traveler would be burned up by radiation. However, in this electrically charged black hole (technically, a Reissner-Nordstrom hole), it is possible to avoid encountering the singularity directly. Steering a course through the mathematical solution

The traveler emerges into a

Image



[View Full Award Information](#)

[ESP-AST: Black Hole Visualization for the World](#) (University of Colorado at Boulder)

Recent Award Highlights



[Colorado Program Introduces Students to Computer Science](#)

Michelle Strout and her collaborators at Colorado State University are working with two high-school chemistry teachers to increase the visibility of computer science at the high-school level.

Research Areas: [Computing](#), [Chemistry & Materials](#), [Education](#)

States & Territories: [Colorado](#)



[National Center for Atmospheric Research Shares 2007 Nobel Peace Prize](#)

Researchers and staff at the National Center for Atmospheric Research (NCAR) played a pivotal role, providing scientific expertise, as well as climate data generated from the Community Climate System Model (CCSM3).

Research Areas: [Education](#), [Earth & Environment](#)

States & Territories: [Colorado](#)

People of Distinction Example

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APPLY FOR GRANTS

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[NASA Nspires](#) 

FEEDBACK

[Tell Us What You Think](#)

Colorado : People Of Distinction

 **Kathryn Eyoifson**
Science
Aurora, Colorado

2008 Presidential Awards for Excellence in Mathematics and Science Teaching (PAEMST) 

Kathryn Eyoifson has taught fifth-grade mathematics and science at Coyote Hills Elementary School since it opened in 2006. She also serves as the school's science and mathematics liaison. During her 18-year tenure at the Cherry Creek School District in Aurora, CO, she has also taught at Village East Elementary School and Thunder Ridge Middle School.

To capture the interests of students and ignite a lifelong passion for science, mathematics, and technology, Mrs. Eyoifson uses multiple sources and encourages students to apply their education to real-world experience. Her use of classroom technology allows students to learn at their own pace. She pairs fifth grade students with students from lower grades to get the younger students interested in these concepts at an early age. She has also encouraged literature and history teachers to include mathematics principles in their classes.

Parents attest to Mrs. Eyoifson's ability to apply technology to all aspects of their children's education and even show the parents new things. According to colleagues, entering her classroom is like walking into the future.

Mrs. Eyoifson regularly participates in continuing professional development programs, maintains professional affiliations, and receives grants to continue student development programs and opportunities. She and her teammate, Leigh Curnett, were responsible for the SciTech Lab, where students learn science using inquiry and technology. Students at Coyote Hills enjoy a library of animals. There are presently 12 reptiles that Mrs. Eyoifson cares for with the assistance of the 5th grade reptile club. Students can observe and measure the resident bearded dragon, Drizzle; take notes on the current stage of the lifecycle of butterflies, chicken eggs, and tadpoles; and observe a chameleon adapting to its new environment.

Coyote Hills was awarded the John Irwin School of Excellence Award. In 2007 Mrs. Eyoifson was awarded both the Coyote Hills Distinguished Teacher of the Year award and the Southlands Wal-Mart Teacher of the Year award.

Mrs. Eyoifson has a B.A. in elementary education from Metropolitan State College of Denver and an M.A. in curriculum development from the University of Colorado Denver.

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 **National Science Foundation**

Compact and Efficient Fluid Power Engineering Resource Center

 **Institution:** University of Minnesota, Minneapolis, MN
Type: Program Centers
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Research Focus & Anticipated Benefits
Transforming and fully exploiting fluid power into a compact, efficient and effective source of energy transmission--this is the vision of the Engineering Research Center for Compact and Efficient Fluid Power (CCEFP). The Center's work in achieving this vision is and will continue to make transformational societal impacts, reducing petroleum usage and increasing the ways in which fluid power--through human-scale applications--will improve the quality of life, spawning entirely new industries in the process.

While the CCEFP strategy has evolved and matured, the vision has remained constant. The needs that inspired it and the accuracy of the course in pursuing it are affirmed by the international fluid power research community and by industry.

As it completes its third year, the CCEFP is already transforming fluid power. The Center has become a catalyst in energizing the fluid power industry and the technology's research community. For the first time in decades, the fluid power industry in the U.S. is thinking seriously about university-industry collaboration on research. U.S. universities are emerging as international leaders in that research, as evidenced by best paper awards presented to Center researchers and their students at recent prominent international conferences. CCEFP connections are leading to a serious discussion of a proposed national fluid power energy policy involving industry, universities and national labs. And, as a direct consequence of CCEFP activities, the fluid power industry is now developing a research-technology roadmap.

Education & Outreach
The CCEFP's Education and Outreach Program is intentionally ambitious. It is designed for many audiences -- pre-college and college students, fluid power industry stakeholders and customers, and the general public -- in the recognition that hydraulics and pneumatics is neither well-understood nor often taught. The CCEFP, working through its networks of strong partners, places an emphasis on developing new understandings of fluid power and related STEM topics as it reaches out to diverse audiences.

The mission of the Education and Outreach Program is to inspire, engage, and excite students, the general public, and industry stakeholders about fluid power. The program is designed to broaden the general public's awareness of fluid power and to help practitioners in fluid power research and industry.

The vision of the Education and Outreach Program is to on their lives, students of all ages who are motivated to learn about fluid power. The program is designed to capitalize on new knowledge to lead the world in fluid power research and industry.

The strategy of the Education and Outreach Program is to broadly distribute education and outreach networks to other educators and program leaders for new audience projects to facilitate the progress and successes of other programs.

Organization: The EO program is divided into six thrust areas with examples drawn from fluid power when possible.

Diversity: The CCEFP is striving to change the face of fluid power. Every research, education and outreach project will include minority students to participate in these projects. So that others are realized through the work of the Center's after-school programs.

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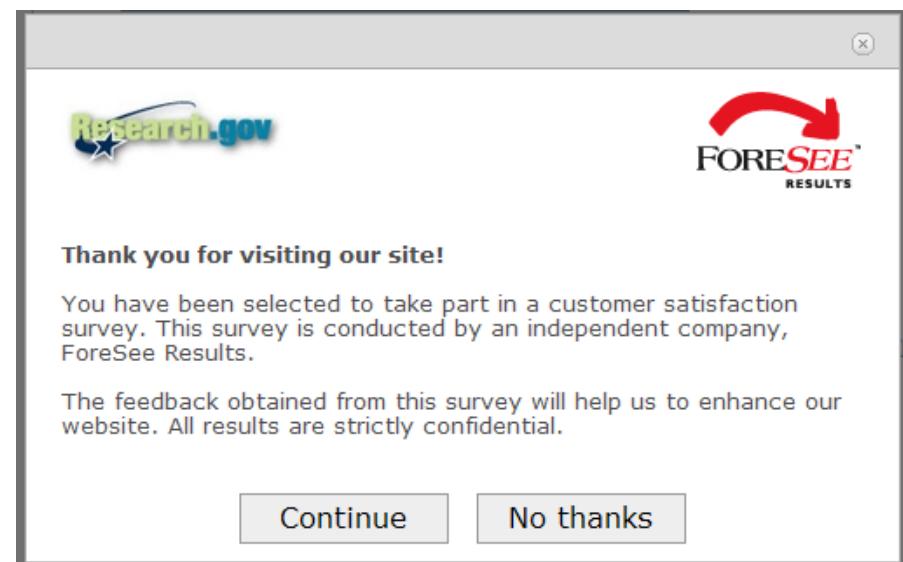
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