



NATIONAL INSTITUTES OF HEALTH

Research Portfolio Online Reporting Tool (RePORT)

REPORTS, DATA AND ANALYSES OF NIH RESEARCH ACTIVITIES

# Federal Demonstration Partnership

May 13, 2010



## NATIONAL INSTITUTES OF HEALTH NIH Research Portfolio Online Reporting Tools

<http://report.nih.gov>

<http://projectreporter.nih.gov>

**James Onken, Ph.D., MPH**  
NIH Office of Extramural Research





NATIONAL INSTITUTES OF HEALTH

## Research Portfolio Online Reporting Tool (RePORT)

REPORTS, DATA AND ANALYSES OF NIH RESEARCH ACTIVITIES

# Opening the Black Box

RESEARCH PORTFOLIO ONLINE REPORTING TOOLS (RePORT)

In addition to carrying out its scientific mission, NIH exemplifies and promotes the highest level of public accountability. To that end, the Research Portfolio Online Reporting Tools provides access to reports, data, and analyses of NIH research activities, including information on NIH expenditures and the results of NIH-supported research.

NIH REPORTING

<http://RePORT.NIH.GOV>

Strategic Plans

Budget & Spending

Success Rates

Categorical Spending

Funded Organizations

Investigators and Trainees

NIH Data Book

Special Reports Biennial Report

Searchable Public Databases Reports Search

Recovery Act

ReTools

RePORT Atlas



and more...



“Because NIH officials have said that the NIH’s own statistics on spending by disease are not very useful, it is incumbent on those officials to improve the quality and analysis of its data on allocation of NIH funds by disease for planning and priority-setting purposes.”

- *Scientific Opportunities and Public Needs: Improving Priority Setting and Public Input at the National Institutes of Health* (Institute of Medicine, 1998)

“ ... the Committee concludes that the current lack of an information management method and infrastructure to collect, analyze, and report investment data in a timely fashion must be addressed ... ”

- *Enhancing the Vitality of the National Institutes of Health: Organizational Change to Meet New Challenges* (National Research Council and Institute of Medicine, 2003)





**Requires establishment of electronic system to uniformly code research grants and activities of the Office of the Director and of all the national research institutes and national centers**

*The electronic system shall:*

- *be searchable by a variety of codes, such as grant type, IC, and public health area of interest (RCDC)*
- *when permissible, shall provide information on relevant literature and patents that are associated with research activities of the National Institutes of Health (RePORTER)*





NATIONAL INSTITUTES OF HEALTH

Research Portfolio Online Reporting Tool (RePORT)  
REPORTS, DATA AND ANALYSES OF NIH RESEARCH ACTIVITIES

# Central Point of Public Access





NATIONAL INSTITUTES OF HEALTH

## Research Portfolio Online Reporting Tool (RePORT)

REPORTS, DATA AND ANALYSES OF NIH RESEARCH ACTIVITIES

# RePORT Stakeholders

Public Law 109-482  
109th Congress

### An Act

To amend title IV of the Public Health Service Act to revise and extend the authorities of the National Institutes of Health, and for other purposes.

Jan. 15, 2007  
[H.R. 6164]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,*

#### SECTION 1. SHORT TITLE.

This Act may be cited as the "National Institutes of Health Reform Act of 2006".

#### "SEC. 402B. ELECTRONIC CODING OF GRANTS AND ACTIVITIES.

"The Secretary, acting through the Director of NIH, shall establish an electronic system to uniformly code research grants and activities of the Office of the Director and of all the national research institutes and national centers. The electronic system shall be searchable by a variety of codes, such as the type of research grant, the research entity managing the grant, and the public health area of interest. When permissible, the Secretary, acting through the Director of NIH, shall provide information on relevant literature and patents that are associated with research activities of the National Institutes of Health.

National  
Institutes of  
Health Reform  
Act of 2006.  
42 USC 201 note.

42 USC 282b.

#### "SEC. 403. BIENNIAL REPORTS OF DIRECTOR OF NIH.

42 USC 283.

#### 2009 GCN AWARDS

### Honorable Mentions: 10 projects worth watching

Oct 12, 2009



National Institutes of Health, Health and Human Services Department –

Office of Extramural Research for the Research Portfolio

Project: Online Reporting Tool (RePORT)

RePORT provides a publicly-accessible electronic system for searching NIH-funded research projects and supplies information on relevant literature and patents that result from that research.

- **Economists and science policy analysts**
- **Other federal science agencies**
- **Patients and their friends and family**



# SPICE

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[Data Recovery Center](#)

[URE](#) [Weight Loss Program](#)

factly



NATIONAL INSTITUTES OF HEALTH

## Research Portfolio Online Reporting Tool (RePORT)

REPORTS, DATA AND ANALYSES OF NIH RESEARCH ACTIVITIES

# RePORT History

### FY 2008

Award Data for Individual Organizations	
Report Search	
Strategic Plans	

### FY 2009

Award Data for Individual Organizations	
Report Search	
Strategic Plans	
CATEGORICAL SPENDING FY08	
NIH Data Book FY08	
Geo-Coding	
ReTools	
RePORT Atlas	
RECOVERY ACT <small>New!</small>	
BIENNIAL REPORT OF THE DIRECTOR FY07	

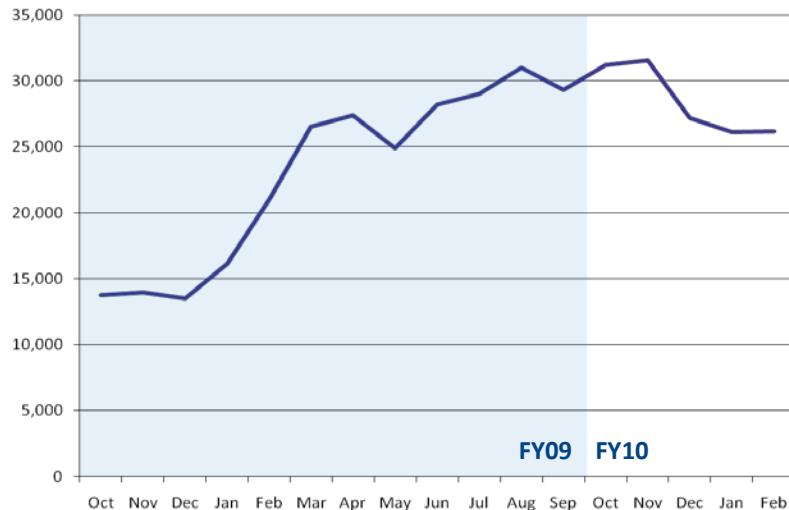
### FY 2010

Award Data for Individual Organizations	
RePORTER: WIDGETS v 1.0	
Report Search	
Strategic Plans	
CATEGORICAL SPENDING FY09	
NIH Data Book FY09	
Geo-Coding	
ReTools	
RePORT Atlas	
RECOVERY ACT <small>New!</small>	
BIENNIAL REPORT OF THE DIRECTOR FY09	
NIH RePORTER v1.0	
My RePORTER Beta	
NIH Visual RePORTER Beta	



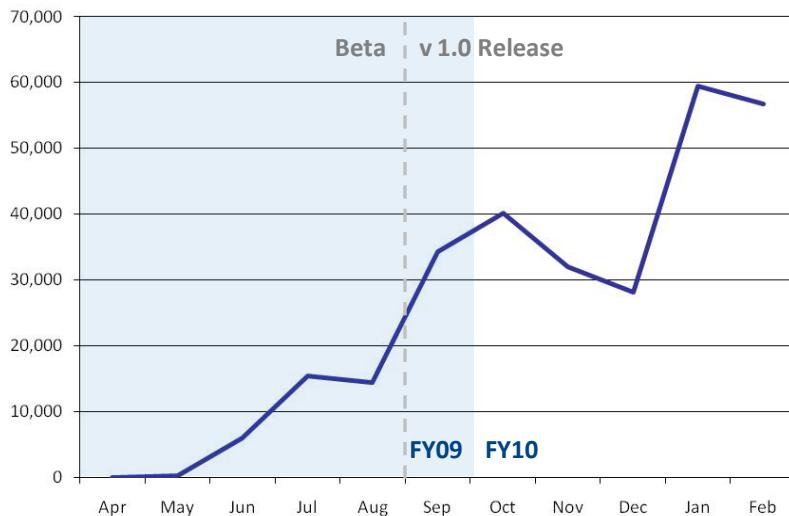


# Monthly RePORT Usage



The number of unique visitors to the RePORT web site each month doubled over the course of FY 2009

**Average number of users daily: 6,000**



The number of RePORTER users has increased dramatically

**Average number of users daily: 4,000**





NATIONAL INSTITUTES OF HEALTH

## Research Portfolio Online Reporting Tool (RePORT)

REPORTS, DATA AND ANALYSES OF NIH RESEARCH ACTIVITIES

# RePORT Modules

**RESEARCH PORTFOLIO ONLINE REPORTING TOOL (RePORT)**

In addition to carrying out its scientific mission, NIH exemplifies and promotes the highest level of public accountability. To that end, the Research Portfolio Online Reporting Tool provides access to reports, data, and analyses of NIH research activities, including information on NIH expenditures and the results of NIH-supported research.

**REPORTS, DATA AND ANALYSES OF NIH RESEARCH ACTIVITIES**

To provide NIH stakeholders with quick and easy access to basic information on NIH programs, the NIH has created a single repository of reports, data, and analyses, along with several tools for searching this database. A common classification scheme based on the traditional NIH budget categories is used to group similar reports. Several different filters can be applied to find information specific to a particular NIH Institute or Center, funding mechanism, or topic of interest.

**NIH DATA BOOK**

The NIH Data Book (NDB) provides basic summary statistics on extramural grants and contract awards, grant applications, the organizations that NIH supports, the scientific workforce, and trainees and fellows supported through NIH programs. Tables and charts are provided in a variety of formats, including Powerpoint (PPT) slides and Portable Document Format (PDF) files.

**BIENNIAL REPORT OF THE DIRECTOR,  
NATIONAL INSTITUTES OF HEALTH, FISCAL YEARS 2006 & 2007**

The NIH Biennial Report, mandated by the NIH Reform Act of 2006, provides an assessment of the state of biomedical and behavioral research, a portrait of NIH research activities (integrated across all 27 Institutes and Centers), some key research approaches and resources used in NIH research, and a review of those NIH Centers of Excellence that have been established by statutory mandate.

**ESTIMATES OF FUNDING FOR VARIOUS RESEARCH,  
CONDITION, AND DISEASE CATEGORIZATION (RCDC)**

The NIH recognizes the importance of keeping the American people informed about how their tax dollars are spent to support medical research. In 2009, the NIH will unveil the Research, Condition, and Disease Categorization (RCDC) system. RCDC will provide consistent and transparent information to the public about NIH research. With this new computer-based tool, the public will see NIH's research activities broken down into 215 categories each fiscal year.

**RePORT EXPENDITURES AND RESULTS (RePORTER)**

The NIH RePORT Expenditures and Results (RePORTER) site retains all of the search capabilities of the CRISP system it replaces. In Spring 2009, these capabilities will be enhanced with new ways to search, results (publications and patents) of both intramural and extramural projects, and links to related information in other databases such as the National Library of Medicine's PubMed.





## Reports

ADVANCED SEARCH

## Search Results for Reports and Statistics

NEW SEARCH

ADVANCED SEARCH

IC:	Portfolio	Mechanism	Activity	Applications, Number	Activity	2000 - 2009	VIEW REPORT
All NIH (Aggregate)	Extramural Programs	Research Grants	DP1, DP2, P01, P42, PN1, R00, R01, R03, R15, R21, R29, R33, R34, R36, R37, R55, R56, RC1, RL1, RL2, RL5, RL9, U01, U19, UC1, UC7	Awards, Number	FY		
FIC		Research Grants, RPGs		Awards, Total Costs	IC		
NCCAM				Obligations, Number			
NCI				Obligations, Total Costs			
NCMHD				Success Rates			
NCRR							
NEI							
NHGRI							
NHLBI							
NIA							
NIAAA							
NIAID							
NIAMS							
NIBIB							
NICHD							
NIDA							
NIDCD							
NIDCR							
NIDDK							
NIEHS							
NIGMS							
NIMH							
NINDS							
NINR							
NLM							
ROADMAP							

<http://report.nih.gov/reportmap.aspx>



Coming Soon...



## Funding Facts

Use the filters below to find pertinent data for your search criteria from the NIH Data Book. Slide numbers will be given along with the salient data points to assist in finding more information in the Data Book.

Topic:

Institute/Center:

Activity:

Fiscal Year:

Funding Mechanism:

**Data** **Charts**

Slide	IC	Fiscal Year	Activity	Topic	Mechanism	Statistic
213	NCI	2003	K Awards	Awards - Number	Research Grants - Career Awards	490

### Research Career Development Awards: Awards by Institute / Center

[PRINTER FRIENDLY](#) [EXPORT TO WORD](#)

#### Data:

Institute / Center	2003		2004		2005		2006		2007		2008		2009	
	Awards	Amount												
FIC	17	\$1,890,557	20	\$2,233,234	0	\$0	15	\$1,766,928	12	\$1,312,671	10	\$1,114,949	11	\$1,239,614
NCCAM	31	\$4,513,920	39	\$5,512,232	46	\$6,549,993	44	\$6,264,392	43	\$5,847,898	51	\$6,700,788	55	\$7,487,419
NCI	490	\$69,545,790	500	\$72,410,211	537	\$75,504,966	550	\$79,731,039	523	\$78,108,607	528	\$79,837,453	501	\$79,665,676



153	All NIH	2002	Research Centers	Done	5 stars	1,860,000,000
153	All NIH	2003	Research Centers	Budget - Appropriation	5 stars	\$2,124,000,000



NATIONAL INSTITUTES OF HEALTH

## Research Portfolio Online Reporting Tool (RePORT)

REPORTS, DATA AND ANALYSES OF NIH RESEARCH ACTIVITIES

## Annual Reports



## REPORTS, DATA AND ANALYSES OF NIH RESEARCH ACTIVITIES

To provide NIH stakeholders with quick and easy access to basic information on NIH programs, the NIH has created a single repository of reports, data, and analyses, along with several tools for searching this database. A common classification scheme based on the traditional NIH budget categories is used to group similar reports. Several different filters can be applied to find information specific to a particular NIH Institute or Center, funding mechanism, or topic of interest.

More >> 1 2 3 4 5



Strategic Plans



Budget &amp; Spending



Success Rates



Categorical Spending



Funded Organizations



Investigators and Trainees

DOI

[Other grants: Number of awards and organizations funded, by organization type](#)

(~51KB)

[http://report.nih.gov/funded\\_organizations/index.aspx](http://report.nih.gov/funded_organizations/index.aspx)



Coming Soon...



U. S. Department of Health &amp; Human Services



NATIONAL INSTITUTES OF HEALTH

## Research Portfolio Online Reporting Tools (RePORT)

REPORTS, DATA AND ANALYSES OF NIH RESEARCH ACTIVITIES

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HOME

FREQUENTLY REQUESTED REPORTS

REPORTS

CATEGORICAL SPENDING

## NEWS UPDATES

Friday, April 9, 2010 - Release of RePORTER ver. 1.4: Major Enhancements Made to the RePORTER Tool. Several enhancements have been made to the RePORT Expenditures and Results (RePORTER) tool. [more...](#)

Home &gt; Funded Organizations



## Funded Organizations

[Award Data for Individual Organizations](#)[NIH Extramural Awards By State and Foreign Site](#)[NIH Extramural Awards by State and Congressional District](#)

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3DP20					
<a href="#">1RC1DK086774-01</a>	Ferristatin: A New Small Molecule Inhibitor of Integrin Signaling	<a href="#">HARVARD UNIVERSITY (SCH OF PUBLIC HLTH)</a>	NIDDK	\$479,807.00	
<a href="#">3T32GM074897-05S1</a>	Interdisciplinary Research Training in Biostatistics	<a href="#">HARVARD UNIVERSITY (SCH OF PUBLIC HLTH)</a>	NIGMS	\$91,308.00	
<a href="#">5F32HL083639-04</a>	Destinations on Greenways Related to Physical Activity	<a href="#">HARVARD UNIVERSITY (SCH OF PUBLIC HLTH)</a>	NHLBI	\$59,402.00	
<a href="#">3R01AG027122-03S1</a>	Racial Discrimination and Risk of Chronic Disease	<a href="#">HARVARD UNIVERSITY (SCH OF PUBLIC HLTH)</a>	NIA	\$119,903.00	
<a href="#">3K99HL089459-01A1S1</a>	Neighborhood Socioeconomic Environments and Health	<a href="#">HARVARD UNIVERSITY (SCH OF PUBLIC HLTH)</a>	NHLBI	\$129,217.00	





## Success Rates and Funding Rates

## Research Project Grants: Applications, awards, and success rates

PRINTER FRIENDLY

EXPORT TO POWERPOINT



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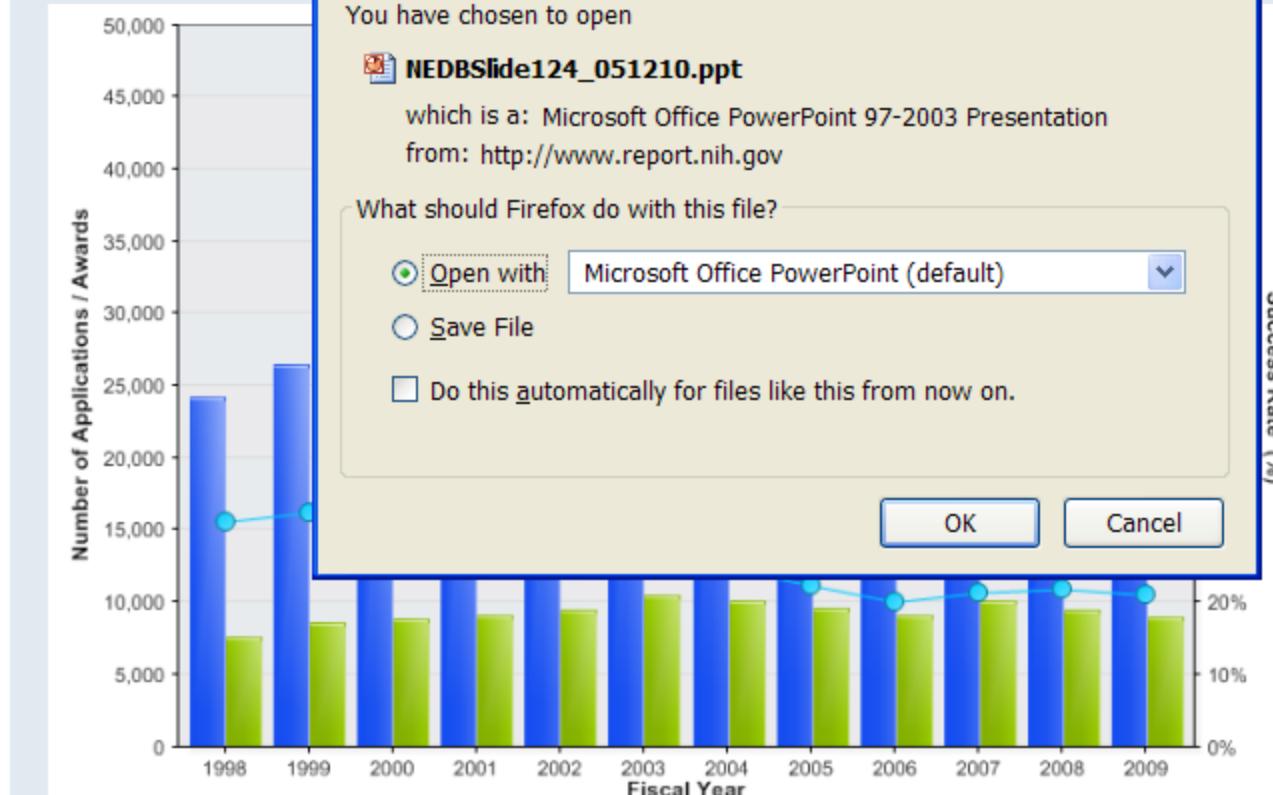
Clinic

Biotec

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RCMI

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BIENNIAL REPORT OF THE DIRECTOR,  
NATIONAL INSTITUTES OF HEALTH FISCAL YEARS 2006 & 2007

## Notable Examples of NIH Activity

Bier

## Neurodegeneration: Fighting the Effects of Age, Exposure, and Disease

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Alzheimer's Disease Neuroimaging Initiative (ADNI): ADNI is an innovative public-private partnership for examining the potential for serial MRI, positron emission tomography (PET), or other biomarkers to measure earlier and with greater sensitivity the development and progression of mild cognitive impairment and Alzheimer's disease. Early results suggest that researchers may be able to reduce the costs associated with clinical trials by improving imaging and biomarker analysis. One ADNI study found that a standard model can be used to monitor the performance of MRI scanners at multiple clinical sites, ensuring the accuracy of the MRI images. In another study, investigators compared changes over time in PET scans of brain glucose metabolism in people with normal cognition, mild cognitive impairment, and Alzheimer's disease and found that scans correlated with symptoms of each condition and that images were consistent across sites. This finding suggests that PET scans may be a valid method for monitoring the effectiveness of therapies in future clinical trials. More than 200 researchers have already accessed a public database containing thousands of brain images and related clinical data obtained through blood and cerebrospinal fluid analyses.

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- For more information, see <http://www.loni.ucla.edu/ADNI>
- For more information, see <http://www.nia.nih.gov/Alzheimers/ResearchInformation/ClinicalTrials/ADNI.htm>
- This example also appears in Chapter 2: *Life Stages, Human Development, and Rehabilitation*.

By ame

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Genome-Wide Genotyping in Parkinson's Disease: NIH researchers recently conducted genome-wide genotyping of publicly available samples from a cohort of 267 patients with Parkinson's disease and 270 neurologically normal control subjects to identify any common genetic variability with significant effect on the risk for Parkinson's disease. The project has produced approximately 220 million data points in the 537 subjects, the largest collection of publicly available genotypes in a case-control cohort. The release of these data facilitates research on Parkinson's disease and other neurodegenerative disorders, and the genotypes from neurologically normal control subjects can be used as a comparison cohort for other studies, dramatically reducing the cost of future research.

- Fung HC, et al. *Lancet Neurol* 2006;5:911-6, PMID: 17052657
- For more information, see <http://www.nia.nih.gov/NewsAndEvents/PressReleases/PR20060927parkinsons.htm>
- This example also appears in Chapter 3: *Genomics*.
- (E/I) (NIA, NINDS)

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<http://report.nih.gov/biennialreport/>



NATIONAL INSTITUTES OF HEALTH

Research Portfolio Online Reporting Tool (RePORT)  
REPORTS, DATA AND ANALYSES OF NIH RESEARCH ACTIVITIES

## NIH Categorical Spending



## Estimates of Funding for Various Research, Condition, and Disease Categories (RCDC)

RESEARCH,  
CONDITION,  
AND DISEASE  
CATEGORIZATION PROCESS

SEARCH RESEARCH/DISEASE AREAS		GO									
Category	Research/Disease Areas (Dollars in millions and rounded)	FY 2006 Actual	FY 2007 Actual	FY 2007 Actual	FY 2008 Actual	FY 2009 Actual	FY 2009 Actual	FY 2010 Estimated	FY 2010 Estimated	FY 2011 Estimated	
		NIH Historical Method 12/	NIH Revised Method 12/		(Non-ARRA)	(ARRA) 13/	(Non-ARRA)	(ARRA) 14/			
Acute Respiratory Disease	Acute Respiratory Distress Syndrome	\$74	\$48	\$87	\$82	\$103	\$17	\$106	\$9	\$109	
Agent Orange & Dioxin Syndrome	Agent Orange & Dioxin	\$17	\$18	\$15	\$1	FY 2008 Actual \$82M. Click here to get the detailed project listing	\$14				
Aging	Aging	\$2,431	\$2,462	\$1,879	\$1,965	\$3,015	\$554	\$3,093	\$363	\$3,172	
Alcoholism	Alcoholism	\$511	\$521	\$443	\$452	\$441	\$75	\$452	\$48	\$467	
Allergic Rhinitis (Hay Fever)	Allergic Rhinitis (Hay Fever)	\$4	\$5	\$7	\$6	\$4	\$1	\$4	\$1	\$4	
ALS	ALS	\$44	\$39	\$40	\$43	\$43	\$13	\$44	\$11	\$45	
Alzheimer's Disease	Alzheimer's Disease	\$643	\$645	\$411	\$412	\$457	\$77	\$469	\$58	\$480	
American Indians / Alaska Natives	American Indians / Alaska Natives	\$155	\$141	\$159	\$142	\$169	\$19	\$173	\$6	\$177	
Anorexia	Anorexia	\$15	\$12	\$8	\$7	\$8	\$2	\$8	\$2	\$8	
Anthrax	Anthrax	\$150	\$105	\$160	\$134	\$102	\$13	\$105	\$10	\$108	
Antimicrobial Resistance	Antimicrobial Resistance	\$221	\$269	\$209	\$228	\$251	\$52	\$257	\$24	\$265	
Aphasia	Aphasia	\$15	\$14	\$20	\$22	\$22	\$3	\$22	\$1	\$23	
Arctic	Arctic	\$17	\$19	\$25	\$22	\$28	\$6	\$29	\$1	\$29	

<http://report.nih.gov/rcdc/categories/>



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## Research Portfolio Online Reporting Tool (RePORT)

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# Recovery Act RePORT



## Recovery Act

- [ARRA Funding Maps](#)
- [NIH Recovery Act Grant Award Downloads](#)
- [Search NIH-Funded Recovery Act Projects](#)



[NIH and the American Recovery and Reinvestment Act](#)



[NIH ARRA FY 2009 Funding Report](#)



[NIH Institute, Center, and Office Recovery Act Sites](#)



[NIH Recovery Act Investment Reports](#)



<http://report.nih.gov/recovery/>



## NIH Recovery Act Grant Award Downloads

1/28/2010: Please note that the Award Date column in these spreadsheets has been replaced by Award Notice Issued date.



### [NIH Recovery Act Grant Awards: Fiscal Year 2009](#)

This is a frozen file of ARRA-funded **grants** awarded through 9/30/2009. It does not include other NIH ARRA-funded activities, such as contracts.

- Data frozen on 10/1/2009



### [NIH Readiness Tool: For quarterly ARRA recipient reporting, April 1-10, 2010](#)

**Note:** The congressional district information contained in this spreadsheet has not been confirmed. If you are unable to successfully submit your report using the district code provided here, you can verify it on the [US House of Representatives website](#).

- Data as of 4/1/2010



### [NIH Recovery Act Grant Awards: Awarded-To-Date](#)

This is a list of all ARRA-funded **grants** awarded to date, including any award modifications. It does not include other NIH ARRA-funded activities, such as contracts.

For more information, see [Understanding the NIH Recovery Act Grant Award Spreadsheet](#)

- Data as of 5/11/2010



NATIONAL INSTITUTES OF HEALTH

## Research Portfolio Online Reporting Tool (RePORT)

REPORTS, DATA AND ANALYSES OF NIH RESEARCH ACTIVITIES

## ARRA Funding Maps



SEARCH RECENT PROJECTS

Recovery Act Projects for:

SEARCH RECENT PROJECTS

## ARRA Funding Maps

[NIH Grants Funded by the American Recovery and Reinvestment Act of 2009](#)

- Data as of 5/11/2010

[Recovery Act-Funded Supplements Providing Summer Research Experiences](#)

- Data as of 10/1/2009

[ARRA Stories by State](#)

HIT LIST

PUBLICATIONS

PATENTS

 EXPORT

There were 2 results matching your search criteria.

Show/Hide Search Criteria

Click on the column header to sort the results

Page 1 of 1

Project Number	Sub #	Project Title	Contact Principal Investigator	Organization	FY	Admin IC	Funding IC	FY Total Cost by IC
<a href="#">1RC1AA019317-01</a>		<a href="#">EPIGENETICS BEHIND LONG-TERM AND TRANSGENERATIONAL EFFECTS OF ADOLESCENT BEHAVIOR</a>	FEIG, LARRY et al.	TUFTS UNIVERSITY BOSTON	2009	NIAAA	OD	\$499,999
<a href="#">1RC1DE020396-01</a>		<a href="#">ORAL HEALTH STATUS AND ITS CORRELATES IN ADULTS WITH DEVELOPMENTAL DISABILITIES</a>	MORGAN, JOHN PATRICK et al.	TUFTS UNIVERSITY BOSTON	2009	NIDCR	NIDCR	\$472,138

Page 1 of 1

<http://report.nih.gov/recovery/#maps>



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# Research Portfolio Online Reporting Tool (RePORT)

REPORTS, DATA AND ANALYSES OF NIH RESEARCH ACTIVITIES

# RePORTER



U. S. Department of Health &amp; Human Services

[www.hhs.gov](http://www.hhs.gov)

NATIONAL INSTITUTES OF HEALTH

# Research Portfolio Online Reporting Tool (RePORT)

REPORTS, DATA AND ANALYSES OF NIH RESEARCH ACTIVITIES

SEARCH

GO

## RePORT EXPENDITURES & RESULTS (RePORTER)

[HOME](#)[FREQUENTLY REQUESTED REPORTS](#)[REPORTS](#)[CATEGORICAL SPENDING](#)[REPORTER](#)[GLOSSARY](#)[FAQS](#)[LINKS](#)[CONTACT US](#)

Home &gt; RePORTER &gt; Query Form

Font Size: - +



ABOUT RePORTER DATA

VIEW PROJECT BY  
NIH SPENDING CATEGORYFREQUENTLY  
ASKED QUESTIONS**NIH Recovery Act Projects:** Show only projects supported by NIH Recovery Act funds**Term Search:**Logic:  And  Or

Hint: Multiple terms are accepted. Separate each term with a space. You may also use terms in " " (double quotes) for exact terms match.

**Fiscal Year:** Current Projects [SELECT ▶](#)**NIH Spending Category:** [SELECT ▶](#)**State:** All [SELECT ▶](#)**Congressional District:** [SELECT ▶](#)**Principal Investigator:**  
(Last Name, First Name)  Use '%' for wildcard**Organization:**[SUBMIT QUERY](#)[CLEAR QUERY](#)**Agency/Institute/Center:** Admin  Funding All[SELECT ▶](#)**Funding Mechanism:** All[SELECT ▶](#)**Award Type:** All[SELECT ▶](#)**Activity Code:** All[SELECT ▶](#)**Project Number:** Use '%' for wildcard

Format: SR01CA121298-04

**Study Section:** All[SELECT ▶](#)**RFA/PA:** Use '%' for wildcardFormat: RFA-IC-09-003  
or PA-09-003**Public Health Relevance:** Use '%' for wildcard[SUBMIT QUERY](#)[CLEAR QUERY](#)<http://projectreporter.nih.gov/reporter.cfm>



## Search Results

[BACK TO QUERY FORM](#)

?



= PubMed



= PubMed Central



= Google Scholar

[EXPORT](#)[HIT LIST](#)[PUBLICATIONS](#)[PATENTS](#)Year of Publication: [2010](#)Records per page: [25](#)

Show/Hide Search Criteria

In 2010, there were 64 publications citing support from projects in the hit list.

Click on the column header to sort the results

Page 1 of 3 [Next](#) [Last](#)

Core Project Number	Title (Link to full-text in PubMed Central)	Journal (Link to PubMed abstract)	Authors	Related Publications	Cited By
RC1CA147098	In vivo magnetomotive optical molecular imaging using targeted magnetic nanoprobes.	<a href="#">Proceedings Of The National Academy Of Sciences Of The United States Of America. 2010 May 4; 107 (18):8085-90</a>	John, Renu; Rezaei-poor, Robabeh; Adie, Steven G; Chaney, Eric J; Oldenburg, Amy L; Marjanovic, Marina; Haldar, Justin P; Sutton, Bradley P; Boppert, Stephen A	<a href="#"></a> <a href="#"></a>	<a href="#"></a>
RC1DK086304	Effect of indomethacin on bile acid-phospholipid interactions: implication for small intestinal injury induced by nonsteroidal anti-inflammatory drugs.	<a href="#">American Journal Of Physiology. Gastrointestinal And Liver Physiology. 2010 May; 298 (5):G722-31</a>	Zhou, Yong; Dial, Elizabeth J; Doyen, Rand; Lichtenberger, Lenard M	<a href="#"></a> <a href="#"></a>	<a href="#"></a>
RC1HL099534	Cardiovascular consequences of obese and nonobese obstructive sleep apnea.	<a href="#">The Medical Clinics Of North America. 2010 May; 94 (3):465-78</a>	Ramar, Kannan; Caples, Sean M	<a href="#"></a> <a href="#"></a>	<a href="#"></a>
RC1HL100474	The host response to sepsis and developmental impact.	<a href="#">Pediatrics. 2010 May; 125 (5):1031-41</a>	Wynn, James; Cornell, Timothy T; Wong, Hector R; Shanley, Thomas P; Wheeler, Derek S	<a href="#"></a> <a href="#"></a>	<a href="#"></a>
RC1HL100556	gp96, an endoplasmic reticulum master chaperone for integrins and Toll-like receptors, selectively regulates early T and B lymphopoiesis.	<a href="#">Blood. 2010 Mar 25; 115 (12):2380-90</a>	Staron, Matthew; Yang, Yi; Liu, Bei; Li, Janet; Shen, Yuankai; Zuniga-Pflucker, Juan Carlos; Aguilera, Hector L; Goldschneider, Irving; Li, Zihai	<a href="#"></a> <a href="#"></a>	<a href="#"></a>

[DISORDERS IN ADOLESC](#)<http://projectreporter.nih.gov/reporter.cfm>



## Project Information

[BACK TO QUERY FORM](#)[BACK TO SEARCH RESULTS](#)[PRINT VERSION](#)

?

DESCRIPTION	DETAILS	RESULTS	HISTORY	SUB-PROJECTS
Project Number:	1RC1CA147096-01		Contact Principal Investigator:	WEI, ALEXANDER
Title:	INVESTIGATING TUMOR GROWTH DYNAMICS USING MULTIMODAL CONTRAST AGENTS AND OPTICAL		Awardee Organization:	PURDUE UNIVERSITY WEST LAFAYETTE

**ABOUT RePORTER RESULTS**

= PubMed



= PubMed Central



= Google Scholar

Publications: [Publications missing?](#) Principal Investigators [click here](#)

Click on the column header to sort the results

Page 1 of 1

Title (Link to full-text in PubMed Central)	Journal (Link to PubMed abstract)	Authors	Related Publications	Cited By
In vivo magnetomotive optical molecular imaging using targeted magnetic nanoprobes.	<a href="#">Proceedings Of The National Academy Of Sciences Of The United States Of America. 2010 May 4; 107 (18):8085-90</a>	John, Renu; Rezaeipoor, Robabeh; Adie, Steven G; Chaney, Eric J; Oldenburg, Amy L; Marjanovic, Marina; Haldar, Justin P; Sutton, Bradley P; Boppart, Stephen A		

## Patents:

Patent Number	Patent Title
No patents information available for 1RC1CA147096-01	

## Project Funding Information for 2009:

Total Funding: \$500,000	Year	Funding IC	FY Total Cost by IC
	2009	NATIONAL CANCER INSTITUTE	\$500,000

Categorical Spending by IC: [Click here for more information on NIH Categorical Spending](#)

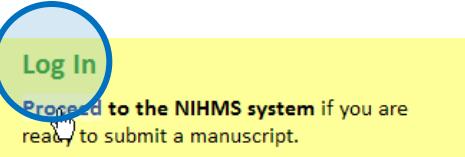
Imaging, Three-Dimensional; In Vitro; Leakage; Magnetism; Mammals, Mice; Measurement; Measures; Mechanics; Medical Imaging, Three Dimensional; Metric; Mice; Multimodal Imaging; Multimodality; Murine; Mus; OCT Tomography; Optical Coherence Tomography; Optics; Plastics; Property; Property, LOINC Axis 2; Radiopaque Media; Resolution; Spillage; Technology; Tensile Strength; Three-Dimensional Imaging; Tissues; Tomography, Optical Coherence; Tumor Cell; Tumor Tissue; Visual; epithelial carcinoma; imaging; macrophage; magnetic; migration; nano particle; nano probe; nanoparticle; nanoprobe; neoplastic cell; optic imaging; optical imaging; physical science; tumor; tumor growth; tumor xenograft

<http://projectreporter.nih.gov/reporter.cfm>



## Log into the NIH Manuscript Submission System

<http://nihms.nih.gov/>



### Grant Lookup Tool

[Search](#) the NIHMS grant database to find current grant numbers.

### Statistics

[Review](#) NIHMS submission statistics that are compiled on a monthly basis.

... through the eRA Commons

## NIH Manuscript Submission System

### Login Options

The NIH Manuscript Submission allows you to submit an electronic version of your peer-reviewed final manuscript for inclusion in [PubMed Central](#). Eligible manuscripts must have been funded by one of the participating groups listed in the login table below.

#### Choose a login route:

Route	Users	Policy
 eRA Commons	NIH extramural principal investigators, grantees or applicants	
 NIH	NIH intramural scientists	
 publisher	publishers	
 HHMI	Howard Hughes Medical Institute investigators	
 myNCBI	others	



[Adding Publications to RePORTER](#)



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## Research Portfolio Online Reporting Tool (RePORT) REPORTS, DATA AND ANALYSES OF NIH RESEARCH ACTIVITIES

# Linking Publications to Grants Step 2



## Select Grants Reporting

... and Add from PubMed

Grant #	Grant Title
1R01AB0123456-01	Guided imagery and job stress: Using imaginary grants to enhance research careers the easy way



[Adding Publications to RePORTER](#)



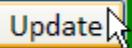
## ○ Select publication(s) to be added ...

### Grant Reporting

[Grants report](#) [Edit by grants](#) [Add from PubMed](#) [Add from MyNCBI Bibliography](#)

Publications	PubMed	PMC	Grants
A prospective study of esophageal squamous cell carcinoma in achalasia. <i>Gastrointest Endosc</i> 11/01/1992	1473696		Add
Long term results of choledochoduodenostomy in the treatment of choledocholithiasis. <i>Gastrointest Endosc</i> 05/01/1992	1607110		Add
Individual differences in the use of simplification strategies in a complex decision-making task. <i>J Exp Psychol Hum Percept Perform</i> 02/01/1985	3156956		Add
<input checked="" type="checkbox"/> 1R01AB0123456-01 Guided imagery and job stress: Using imaginary grants to enhance research careers the easy way			
Lateral eye movements as indicators of processing strategies in paired-associate learning: ... rror type. <i>Pavlov J Biol Sci</i> 07/01/1981	7290757		Add
<input type="checkbox"/> 1R01AB0123456-01 Guided imagery and job stress: Using imaginary grants to enhance research careers the easy way			
Effect of different coffees on esophageal acid contact time and symptoms in coffee-sensitive subjects. <i>Physiol Behav</i> 03/01/1995	7753895		Add
Clinical trials. How should they be designed? <i>Gastrointest Endosc Clin N Am</i> 04/01/1994	8193874		Add
Predicting the presence of choledocholithiasis in patients with symptomatic cholelithiasis. <i>Am J Gastroenterol</i> 04/01/1996	8677945		Add
Evaluation of state efforts to improve systems of care for children and adolescents with s ... ort study. <i>J Ment Health Adm</i> 07/01/1992	10121506		Add
1R01AB0123456-01 Guided imagery and job stress: Using imaginary grants to enhance research careers the easy way			Add

## ○ Select the grant(s) providing support for each publication ...



And update the database

Changes can take up to **one week** to appear in RePORTER—please check back!



[Adding Publications to RePORTER](#)



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# Research Portfolio Online Reporting Tool (RePORT)

REPORTS, DATA AND ANALYSES OF NIH RESEARCH ACTIVITIES

# ExPORTER



Home &gt; RePORTER &gt; Query Form

Font Size: - +

ABOUT RePORTER  
DATAFREQUENTLY  
ASKED QUESTIONS

ExPORTER

RePORTER  
MANUAL

SUBMIT QUERY

CLEAR QUERY

NIH ExPORTER - RePORTER Data Download

NIH Recovery Act Projects:

Challenge Grants

SELECT &gt;

Agency/Institute/Center:

All

SELECT &gt;

We invite you to take advantage of these data. You can help us improve this public service by providing feedback, suggestions, and notifying us of errors in the data. With your help, we will continue to grow and enhance this service in the weeks, months, and years ahead.

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# Research Portfolio Online Reporting Tools (RePORT)

REPORTS, DATA AND ANALYSES OF NIH RESEARCH ACTIVITIES

ExPORTER BETAavailable  
changes

Text -A A +A

seen  
compatible

**NOTE: This is a beta version of the data. It is not yet ready for use, but we invite you to take advantage of these data. You can help us improve this public service by providing feedback, suggestions, and notifying us of errors in the data. With your help, we will continue to grow and enhance this service in the weeks, months, and years ahead.**

**RELEASE NOTE: Among other changes, the RePORTER interface has been replaced by APPLICANT. This is a beta version of the data. It is not yet ready for use, but we invite you to take advantage of these data. You can help us improve this public service by providing feedback, suggestions, and notifying us of errors in the data. With your help, we will continue to grow and enhance this service in the weeks, months, and years ahead.**

ExPORTER CATALOG

CRISP CATALOG

ABOUT ExPORTER

ExPORTER FAQS

RePORTER

CONTACT US

## PROJECTS

### Project File Name

FY 2010 RePORTER Project

FY 2009 RePORTER Project

## WELCOME TO ExPORTER

This site was created to provide raw data for those who would like to conduct detailed analyses of the research projects found in RePORTER or load these records into their own data systems. These data are drawn from multiple sources and are provided to the public in the spirit of transparency even though the data, and any analyses derived from them, cannot be considered an official report of the NIH or any of the other federal agencies whose records can be found in RePORTER. The information in these files has been gathered from multiple systems and databases. As a result, there are likely to be errors in these data and RePORTER is under continuous improvement to eliminate them. To help us in this effort, we encourage you to report errors that we have not yet found to RePORT@od.nih.gov. In this beta release, there may be frequent updates and changes to the site and data.

ExPORTER makes downloadable versions of the data accessed through the RePORT Expenditures and Results (RePORTER) interface available to the public. This site is a key component of NIH "open government" initiatives to provide more transparency in NIH activities, improve the quality of the data we collect, and increase its utility.

The data files underlying RePORTER include information on projects funded by NIH and other agencies of the U.S. Department of Health and Human Services. In addition to detailed information on each project, files are available with information on publications and patents that have acknowledged support from these projects. In addition to the RePORTER project, publication, and patent data sets (as well as tables providing the linkages between these data sets), ExPORTER provides access to data exported from the NIH CRISP system, a predecessor to RePORTER.

We invite you to take advantage of these data. You can help us improve this public service by providing feedback, suggestions, and notifying us of errors in the data. With your help, we will continue to grow and enhance this service in the weeks, months, and years ahead.

## DOWNLOAD

ExPORTER FORMAT FILES CATALOG



Download ExPORTER Format Files  
LEGACY CRISP EXPORT FORMAT FILES  
(AVAILABLE UNTIL JUNE 30, 2010)



## ANNOUNCEMENTS

CRISP legacy data format files will be made available through June 30, 2010. This site currently provides access to beta release versions of the ExPORTER files. Their content and format may change over the next two months in response to user feedback. Please keep this in mind when designing new, or updating existing, applications that will use these data. We will post a message on this site when files in the final format are released. Any questions or concerns can be addressed to RePORT@od.nih.gov.

04/17/2010

03/25/2010

03/25/2010

03/25/2010

03/25/2010

03/25/2010

05/10/2010

<http://projectreporter.nih.gov/exporter/>



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# Research Portfolio Online Reporting Tool (RePORT)

REPORTS, DATA AND ANALYSES OF NIH RESEARCH ACTIVITIES

# RePORT and Open Government

THURSDAY, MAY 13, 2010

## HHS.gov/Open

Home Data Sets

### Data Sets

"We aim to be just as open about sharing what we've learned. There is no greater mission than working together to keep our populations safe."

- Secretary Sebelius

Home >Data Sets Tools Our Plan FOIA Records Management Get Involved Discuss Leadership Contacts

#### Data Sets

Two types of data sets are available. **Downloads**  are open-format data sets presented in csv, xml or other downloadable formats. **Interactive**  data sets can be manipulated on the Web. You may **search** by keyword, HHS Agency and/or type. New data sets are being added regularly. The links below will take you to Data.gov where you can access the data set, rate it, and view additional details.

Search Data by Keyword:

 = Download  = Interactive

Name	Agency	Type	Category
NIH Exported Research Portfolio Online Reporting Tools: Expenditures and Results (ExPORTER)	NIH		Science and Technology

[NIH Exported Research Portfolio Online Reporting Tools: Expenditures and Results \(ExPORTER\)](#)  
This is a monthly snapshot of the data publicly accessible through the NIH Research Portfolio Online Reporting Tool, Expenditures and Results (RePORTER) system at <http://report.nih.gov>.

 Share Your Ideas

**Open HHS Blog**

Chief Technology Officer Todd Park writes about harnessing the power of data, technology and innovation to improve the health and welfare of the nation.





- **MyRePORTER**
  - Notifications
  - Saved Portfolios
  - Custom Data Book
  - Saved Searches
- Export publications to reference manager
- Publication search
- Hit list analysis and graphing
- Network analysis/clustering of hit lists (PIs, institutions, project terms)
- Links to PI profile pages
- Institution Profile/Dashboard page
- IC Profile/Dashboard page
- Link Categorical Spending page (RCDC project lists) to RePORTER
- Next generation widgets for sharing beyond NIH
- Integrate reports database with RePORTER (provide access to any pre-generated reports that match a user's query)
- Continue improving data and data quality
  - ClinicalTrials.gov linkage
  - Other databases





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## Research Portfolio Online Reporting Tool (RePORT) REPORTS, DATA AND ANALYSES OF NIH RESEARCH ACTIVITIES

# FY 2011 Provisional Plans

## NIH Data Book v2.0 and *My*Data Book v1.0

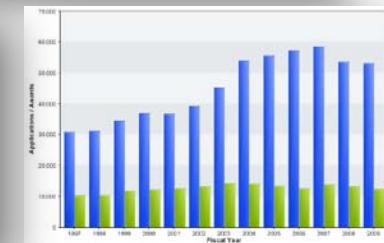
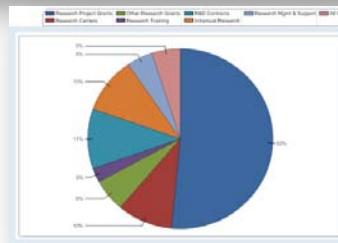


## NIH DATA BOOK

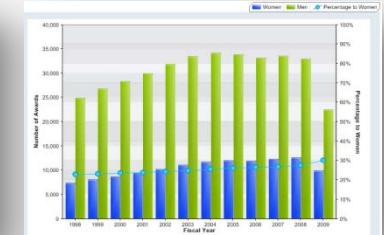
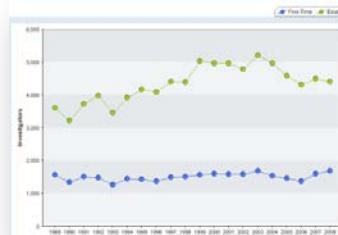
The NIH Data Book (NDB) provides basic summary statistics on extramural grants and contract awards, grant applications, the organizations that NIH supports, the scientific workforce, and trainees and fellows supported through NIH programs. Tables and charts are provided in a variety of formats, including PowerPoint (PPT) slides and Portable Document Format (PDF) files.



- Make the current NIH Data Book personalizable
- Enhanced Funding Facts: quick search for specific NIH budget or funding information
- Enhance current NIH Data Book: increase interactivity
- Automate generation of IC-specific Data Books



Legend	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
NIH-E	5,457	4,223	4,413	4,768	4,723	4,687	5,594	5,166	5,253	5,156	5,214	5,201	5,214	5,214	5,214
NIHGR	5,251	5,718	5,609	5,929	4,056	4,023	4,119	4,223	4,029	4,029	3,929	3,929	3,929	3,929	3,929
NIHRC	2,727	3,040	3,927	3,908	4,119	4,223	4,222	4,222	4,222	4,222	4,222	4,222	4,222	4,222	4,222
NIHRT	2,639	3,128	3,497	3,264	3,223	4,023	4,023	4,023	4,023	4,023	4,023	4,023	4,023	4,023	4,023
NIHSD	2,078	2,539	2,537	2,537	2,537	2,537	2,537	2,537	2,537	2,537	2,537	2,537	2,537	2,537	2,537
NIHTR	4,198	3,984	3,782	3,989	3,098	3,193	3,087	3,087	3,087	3,087	3,087	3,087	3,087	3,087	3,087
NEIHC	1,390	1,479	1,549	1,659	1,705	1,612	1,750	1,757	1,720	1,737	1,731	1,747	1,747	1,747	1,747
NIHDA	1,078	1,148	1,157	1,207	1,299	1,462	1,462	1,462	1,462	1,462	1,462	1,462	1,462	1,462	1,462
NIHES	1,009	1,124	1,144	1,247	1,289	1,289	1,289	1,289	1,289	1,289	1,289	1,289	1,289	1,289	1,289
NIHMB	908	939	939	939	1,180	1,180	1,180	1,180	1,180	1,180	1,180	1,180	1,180	1,180	1,180
NIHOD	997	999	7,637	7,636	8,62	8,62	8,62	8,62	8,62	8,62	8,62	8,62	8,62	8,62	8,62
NIHAR	948	948	948	948	948	948	948	948	948	948	948	948	948	948	948
NIHRS	948	948	948	948	948	948	948	948	948	948	948	948	948	948	948
NIHTR	948	948	948	948	948	948	948	948	948	948	948	948	948	948	948
NIHMB	948	948	948	948	948	948	948	948	948	948	948	948	948	948	948
NIHTR	1,03	2,016	2,225	2,254	2,05	2,05	2,05	2,05	2,05	2,05	2,05	2,05	2,05	2,05	2,05
PSI	1,43	1,43	1,43	1,43	1,43	1,43	1,43	1,43	1,43	1,43	1,43	1,43	1,43	1,43	1,43
NIHWR	1,04	1,19	1,17	1,16	1,16	1,16	1,16	1,16	1,16	1,16	1,16	1,16	1,16	1,16	1,16
NIHCCM	1,7	7,72	1,23	1,422	1,05	2,01	2,01	2,01	2,01	2,01	2,01	2,01	2,01	2,01	2,01
NIHCC	1,45	1,92	1,92	1,92	1,92	1,92	1,92	1,92	1,92	1,92	1,92	1,92	1,92	1,92	1,92
NIHM	16	41	0	0	0	0	0	0	0	0	0	0	0	0	0





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## Research Portfolio Online Reporting Tool (RePORT) REPORTS, DATA AND ANALYSES OF NIH RESEARCH ACTIVITIES

# FY 2011 Provisional Plans IC-Specific RePORTs



- IC-specific RePORT
  - IC-specific view of RePORT
  - Extend RePORT Content Management System (CMS) to allow IC's to maintain their own content on RePORT
- IC-specific RePORTER
- IC-Specific GIS integration
- Widgets, RSS, Mash-ups

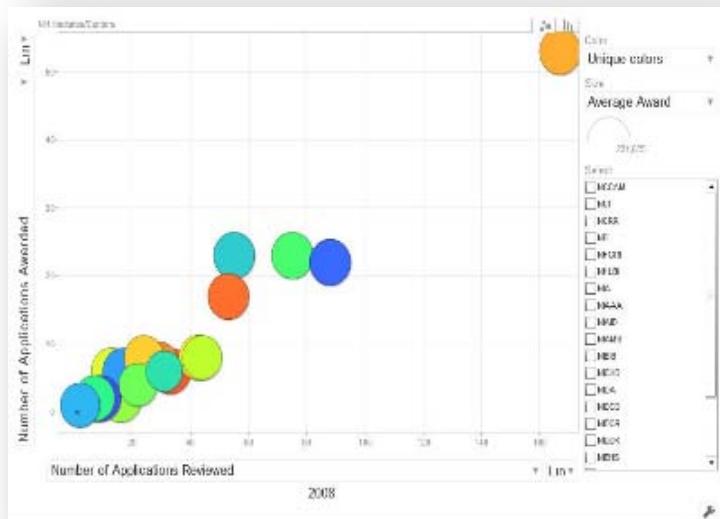
The screenshot displays the RePORT interface with several key features:

- Top Navigation:** Includes links for "Home", "About RePORT", "Help", "Logout", and "Helpdesk".
- Header:** Shows the "U.S. Department of Health & Human Services" logo and the "RePORT" title.
- Left Sidebar:** Features a search bar for "Project Identifier" and "Funding Source", and dropdown menus for "State" (set to "All") and "Analysis Topic" (set to "All").
- Content Area:**
  - IC-Specific Reports:** A section titled "IC-SPECIFIC REPORTS" contains links for "IC Recovery-Act Funded Projects", "IC Recovery-Act Global Planning Group", "IC Recovery-Act Data Analysis Reports", and "IC Recovery-Act Global Planning Group".
  - Analysis:** A section titled "Analysis" contains links for "IC Recovery-Act Data Analysis Reports", "IC Recovery-Act Global Planning Group", and "IC Recovery-Act Data Analysis Reports".
  - Reports:** A section titled "Reports" contains links for "IC Recovery-Act Data Analysis Reports", "IC Recovery-Act Global Planning Group", and "IC Recovery-Act Data Analysis Reports".
  - Global Planning:** A section titled "Global Planning" contains links for "IC Recovery-Act Global Planning Group", "IC Recovery-Act Global Planning Group", and "IC Recovery-Act Global Planning Group".
  - Global Reports:** A section titled "Global Reports" contains links for "IC Recovery-Act Global Planning Group", "IC Recovery-Act Global Planning Group", and "IC Recovery-Act Global Planning Group".
- Bottom Navigation:** Includes links for "Help", "Logout", and "Helpdesk".





- Graphing capabilities for RePORT
- Interactive analysis capabilities
- Expand ReTools to include latest developments in visualization technologies
- Web Service development





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## Research Portfolio Online Reporting Tool (RePORT)

REPORTS, DATA AND ANALYSES OF NIH RESEARCH ACTIVITIES

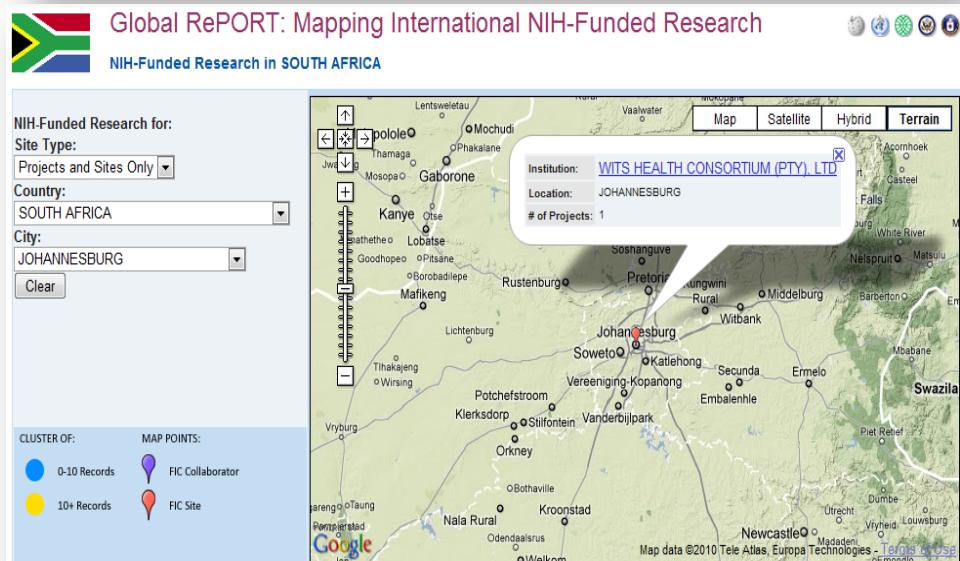
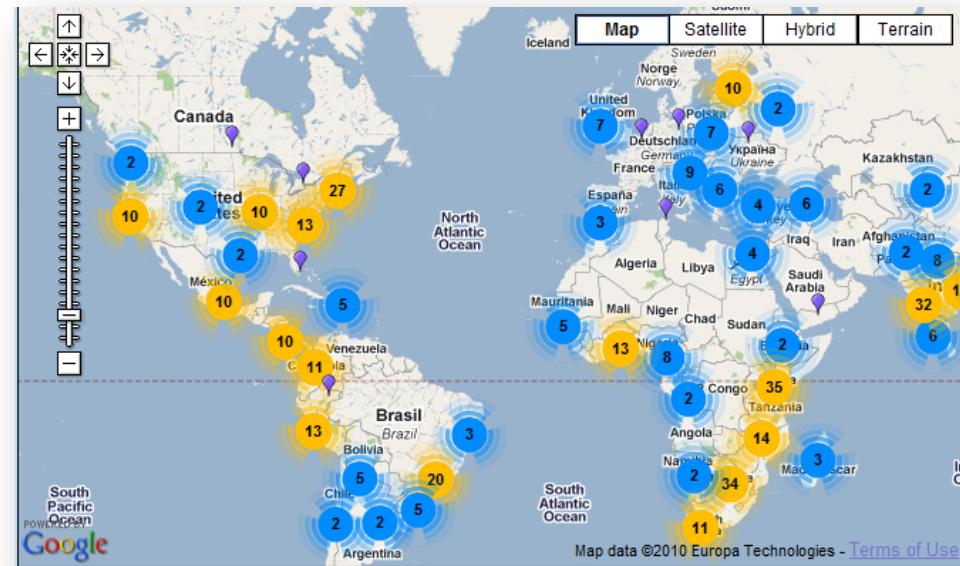
FY 2011 Provisional Plans

Global RePORT v1.0



Improve reporting on NIH-support research conducted in foreign countries

- Country pages
- IC Global research pages
- GIS map interfaces
- Country fact sheets





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## Research Portfolio Online Reporting Tool (RePORT)

REPORTS, DATA AND ANALYSES OF NIH RESEARCH ACTIVITIES

# THANK YOU

**This presentation was prepared by:**

James Onken, Ph.D., RePORT Program Manager (onkenj@od.nih.gov)  
Sandeep Somaiya [C – NETE SOLUTIONS], RePORT Project Lead (somaiyas@od.nih.gov)

**NOTES:**

