

STAR METRICS:

Science and Technology for America's Reinvestment:
Measuring the Effects of Research on Innovation, Competitiveness and Science

Update and Overview



Outline

- Status Update
- The Jobs Reports
- Level II activities
- Action steps for FDP

Status Update

STAR METRICS is a Federal and University partnership to document the outcomes of science investments to the public



- OSTP initiative partnering with NIH, NSF, DOE and EPA; USDA **has agreed to join.**
- 78 research institutions participating - 40% of NSF and NIH portfolio
- **Level I:** Document the numbers and occupations of workforce supported by ARRA and base budget science spending
- **Level II:** collaborative development of measures of the impact of federal science investments on
 - scientific knowledge (such as publications and citations..)
 - economic growth (through patents, firm start ups and other measures)
 - workforce outcomes (through student mobility and employment..)
 - social outcomes (such as health and environment...)

Why does STAR METRICS matter to you?

Reduced burden

- Move reporting systems into 21st Century (make your researchers happier!)

Increased quality

- Pull data directly from source data, rather than manual reporting (make your job easier)

Usable information

- Structured data to create analytical information => reports and descriptive tools (make your VP for research happy!)

How much time is involved for the institutions?

FDP Survey of STAR METRICS participants

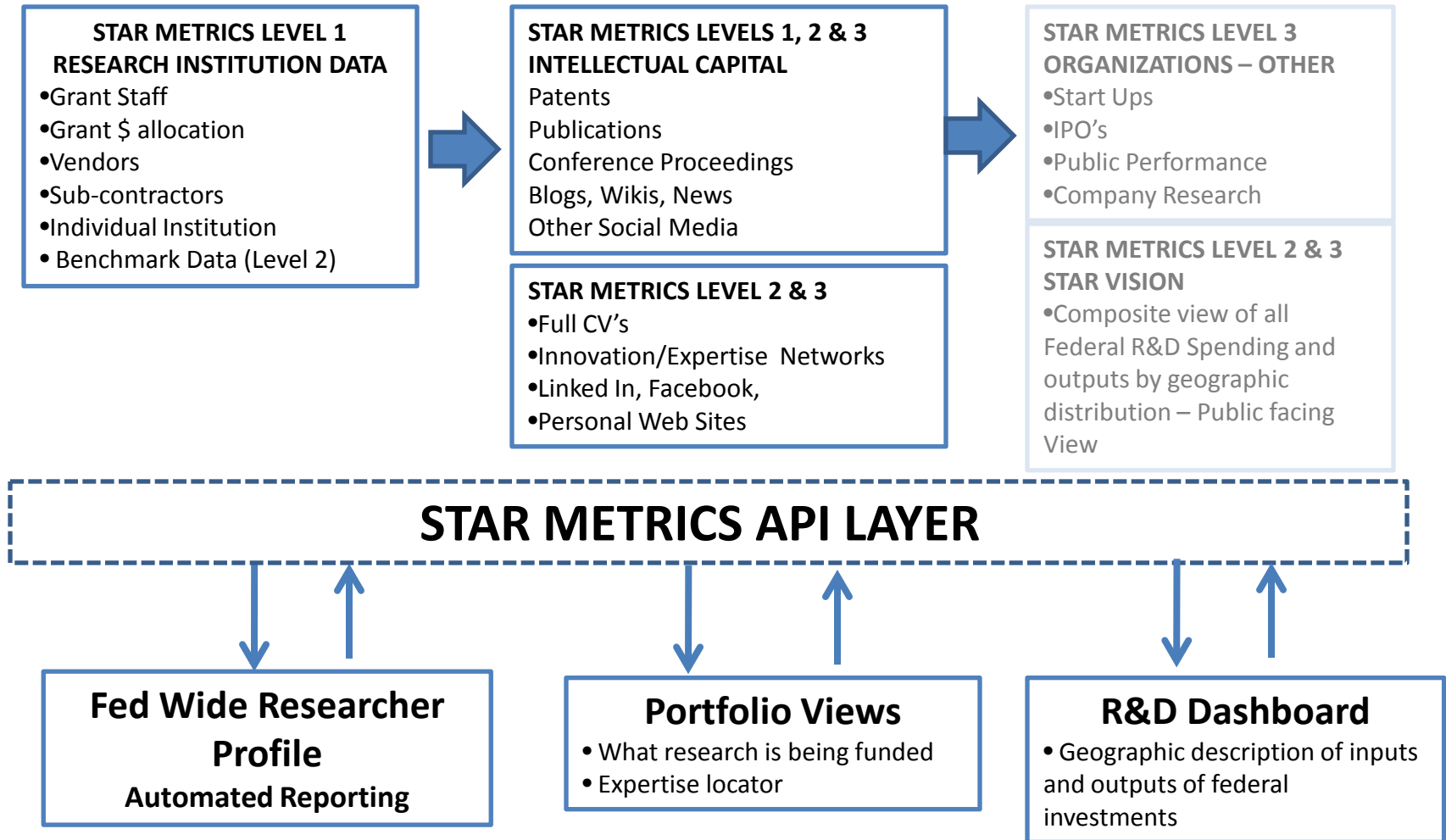
Initial setup time

- Initial participants 20 – 640 hours; median 100 hours
- Subsequent participants 30 – 100; median 45 hours

Subsequent transmissions

- 0-10; median 2.5 hours

STAR METRICS DATA FLOW

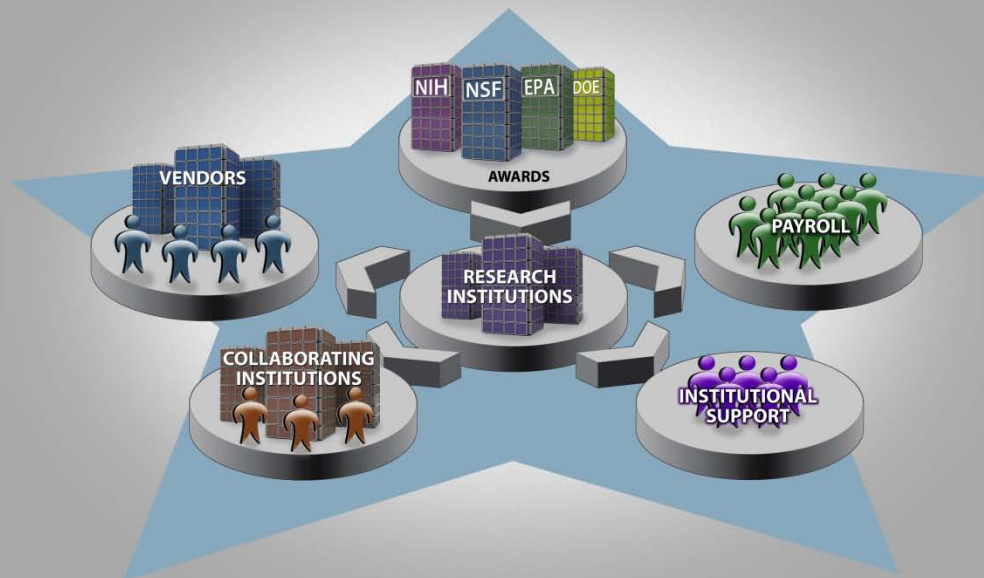


Level I results

- Jobs reports produced for **each** participating institutions
 - Detailed tables and charts
 - Written report
- Aggregate jobs reports **of** all participating institutions

Federal Funding for Science, Technology and Jobs

Results from STAR METRICS Research Institutions



Key Results:

How many jobs supported

TABLE 1: EMPLOYMENT IN 2011 Q1 ASSOCIATED WITH STAR METRICS RESEARCH INSTITUTIONS

<i>Summary Statistics</i>	<i>Total</i>
Direct Payroll FTEs	
• FTEs	36,594
• FTEs per award	1.16
Direct Payroll Individuals	
• Number	71,259
• Number per award	2.26
Direct Jobs through Vendors, Sub-awards, Institutional Support	
• Number	24,251
• Number per award	.77

Key Results:

Industry Distribution For Jobs Supported Through Research Institution Expenditures

TABLE 2: PERCENT OF INDUSTRY DISTRIBUTION FOR JOBS SUPPORTED THROUGH RESEARCH INSTITUTION PROCUREMENT (VENDORS AND SUB-AWARDS – FOR INDUSTRIES REPORTED)

Industry	Sub-Awards	Vendors
Educational Services	72.6%	1.9%
Health Care and Social Assistance	12.0%	1.3%
Manufacturing	0.9%	31.6%
Other Services (except Public Administration)	0.9%	1.1%
Professional, Scientific, and Technical Services	12.4%	26.3%
Wholesale Trade	0.0%	31.3%
All Other Industries	1.3%	6.4%
Grand Total	100.0%	100.0%

Key Results:

The Distribution Of Occupations Directly Supported By Science Funding

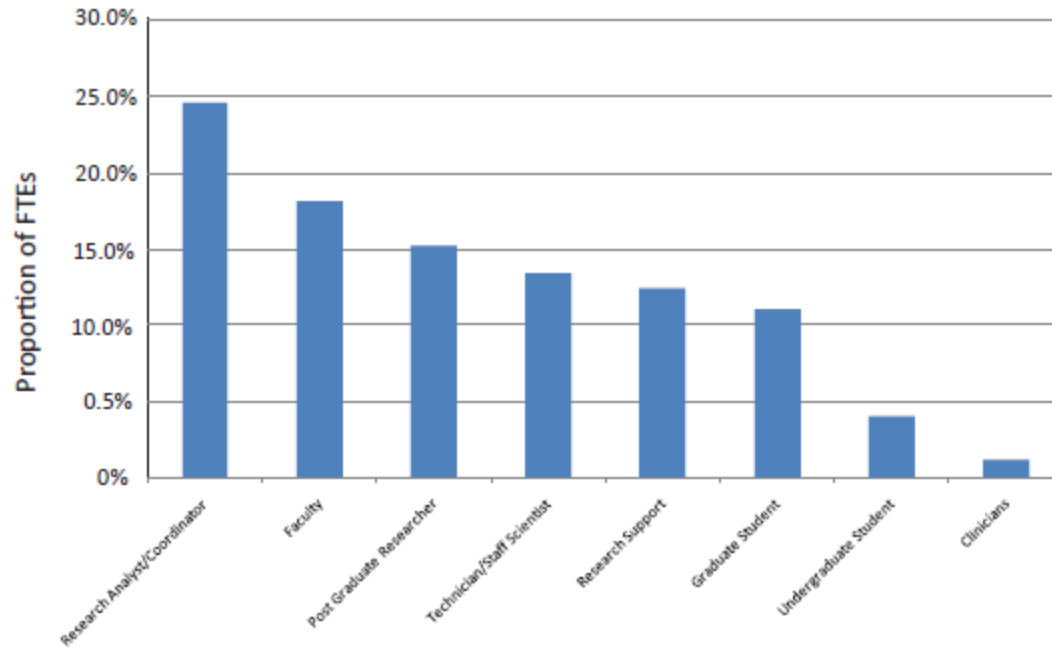


FIGURE 2: THE DISTRIBUTION OF OCCUPATIONS DIRECTLY SUPPORTED BY SCIENCE FUNDING (FTE JOBS)

Key Results:

The Number Of Distinct Individuals Per FTE Supported By Funding

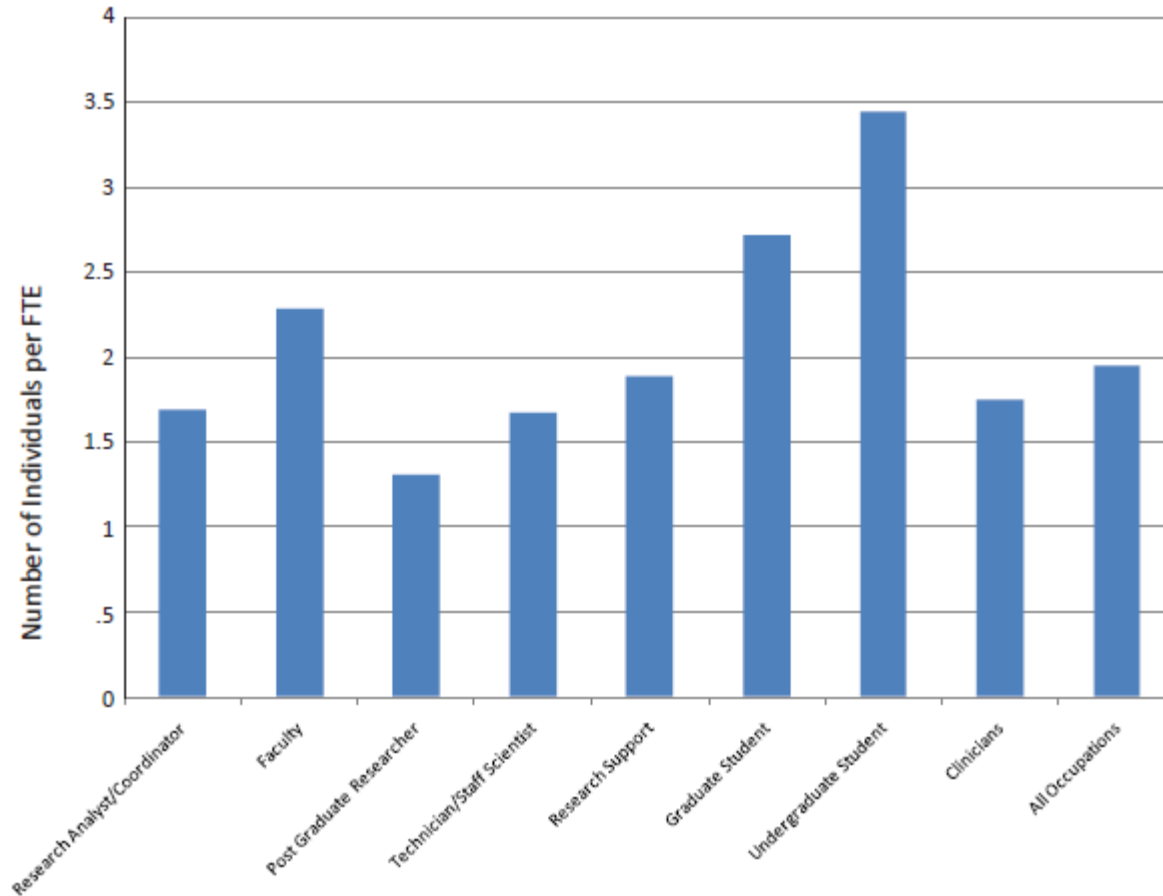
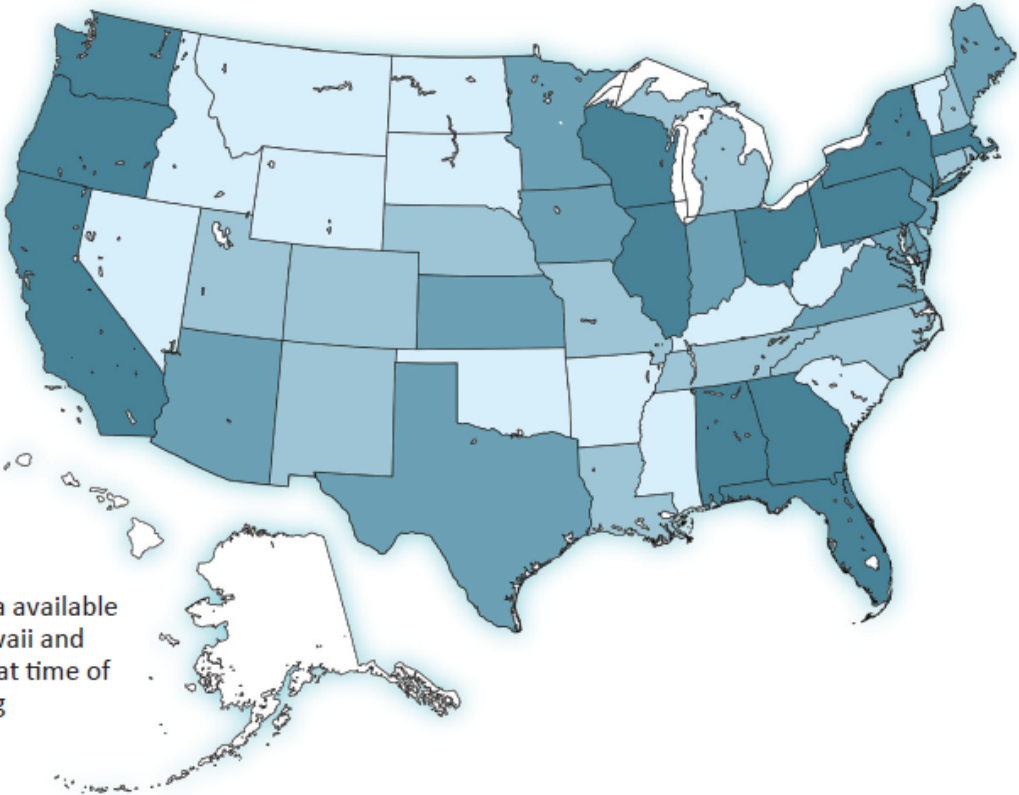


FIGURE 3: THE NUMBER OF DISTINCT INDIVIDUALS PER FTE SUPPORTED BY FUNDING

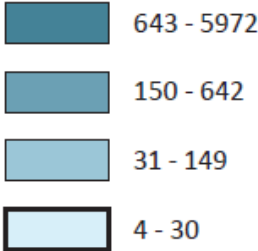
TABLE 2: DISTRIBUTION OF SUB-AWARD AND VENDOR JOBS BY INDUSTRY: FIRST QUARTER, 2011

Industry	Sub-Awards	Vendors
Educational Services	72.2%	3.7%
Health Care and Social Assistance	8.7%	1.7%
Manufacturing	1.2%	33.9%
Other Services (except Public Administration)	1.1%	0.5%
Professional, Scientific, and Technical Services	15.2%	26.7%
Wholesale Trade	0.0%	27.6%
All Other Industries	1.6%	5.9%
Grand Total	100.0%	100.0%

The National Distribution of Science and Technology Related Jobs for Reporting Institutions



Subaward, Vendor and Institutional Jobs by Quartile



No data available for Hawaii and Alaska at time of printing

Who and What is Supported

- First jobs report: who is supported (Level I)
- Second report (to come): what is supported (Level II)
 - Machine read awards to generate topics
- Match Level I with Level II →
 - Match topics to awards and workforce data

What are students being trained in?

Topic ID	Top Science Topics	Direct Payroll FTE Jobs			Grand Total
		Grad Student	Post-Grad Student	Undergrad	
128	local education outreach	76.1	13.3	25.2	114.6
336	unique scientific advances future	66.5	33.8	11.6	112.0
194	public museum exhibit outreach	52.1	50.9	1.5	104.6
54	increase minority participation	22.6	50.1	20.8	93.5
223	summer undergrad lab participation	42.9	33.8	13.4	90.2
365	partnership educational activities	41.4	36.9	6.7	85.0
26	chemistry dynamic molecules	53.1	22.8	8.4	84.2
267	material properties organic chemistry	47.7	19.9	12.4	80.0
334	machine intelligent system	24.8	33.7	20.1	78.6
352	biodiversity population conservation	10.7	59.5	4.7	75.0
21	young researcher mathematics conference	2.4	66.5	2.2	71.1
275	geoscience earth resources	7.8	62.5	0.5	70.7
80	urban area neighborhood public	14.5	47.9	8.1	70.4
132	limited approach problem	47.8	3.5	18.2	69.5
199	energy production biofuel product	46.4	13.0	9.8	69.3
38	software open source infrastructure	30.5	19.8	17.9	68.2
272	modeling system integrated framework	38.2	8.7	18.4	65.3
146	laboratory teaching courses	7.1	41.5	16.3	64.9
361	undergraduate teaching curriculum	16.2	44.0	3.7	63.9
277	species phylogeny relationship	23.1	19.7	20.1	62.8
374	effective community practices	27.6	13.9	21.2	62.7

What are students NOT being trained in?

Topic ID	Science Topics	Direct Payroll FTE Jobs			Grand Total
		Grad Student	Post-Grad Student	Undergrad	
360	economic strategic game theory	3.8		1.0	4.8
196	planetary system observation	3.9	0.6	0.2	4.7
107	basic unit specific goal	1.3		3.2	4.5
262	animal/bird reproductive behavior	3.4	1.0		4.4
299	brain behavior hormone regulation	2.0	1.5	0.8	4.4
9	Hispanic serving institution			4.1	4.1
373	economic policy financial market	3.0	0.1	1.0	4.1
400	isotope instrument facility	2.4	1.4		3.8
317	proposal funding request	1.1		2.7	3.8
119	k-12 partnership	2.6	0.6	0.5	3.7
74	gender labor market productivity	1.4		2.3	3.7
72	archaeological sites prehistoric	1.7	2.0		3.7
50	hydrothermal seafloor ridge	1.7	2.1	-0.3	3.5
206	insect behavior	2.7		0.8	3.5
186	radar storm structure	1.0		2.5	3.5
90	laboratory facilities renovation	1.1	1.4	0.9	3.4
65	RNA vaccine viral infection	3.4			3.4
245	early modern fossil evolution	1.7	1.0	0.6	3.3
85	ethnographic social interview	2.8	0.2	0.3	3.3
349	quantum theory algebra	2.8		0.5	3.3
396	volcanic magma eruption processes	1.5		1.8	3.3
261	institution collaboration proposal	3.2		0.0	3.3
207	GPS data measurement system	1.0	1.5	0.7	3.2
155	math activities girls youth	2.3		0.9	3.2
315	future challenges researchers	2.6	0.5	0.1	3.2

Level II: Approach

- A platform that can **link** inputs and outputs/outcomes using **automated** approaches
- Leverage **existing** data and knowledge (results of \$40 million in investments)
- **Collaborative** development of data infrastructure on broad categories of impact:
 - knowledge (e.g. publication, citations...)
 - economic (patents, spin off companies...)
 - workforce (employment, student mobility...)
 - social (e.g. health, environment, energy...)



The **first** set of suggested products

- Portfolio Characterization and Management
- Portfolio Reporting
- Fed Wide Profile and Visualizations

Key principles

- Build an open, transparent and automated system
- Facilitate the building of apps

Portfolio Characterization

- For agencies
 - Gap analysis: What is being funded in which areas?
 - Expertise Locator: Who is doing research in which topics?
- For Researchers
 - Funding information: What programs are funding research like mine?
 - Expertise Locator: Who else is doing research like mine?
- For VPs for Research **and their Institutions**
 - Gap analysis: Where are my institutional research strengths?
 - Expertise Locator: Where are

Portfolio Characterization

The screenshot shows the STAR METRICS Portfolio Explorer website. At the top, there are five green stars and the title "STAR METRICS Portfolio Explorer" in blue. The NSF logo is on the right. A navigation bar below the title contains links for "Home", "Portfolio Viewer", "Expertise Locator", "People Locator", and "Institutions". The main content area is titled "Welcome" and contains a paragraph about the site's purpose. Below this are three numbered sections, each with a screenshot of a tool and a description:

- 1. Portfolio Explorer**: A screenshot showing a dashboard with various data points and filters.
- 2. Expertise Locator**: A screenshot showing a search interface with a map and a list of results.
- 3. Institutional Overview**: A screenshot showing a geographic map of the United States with data points and a table of institutional statistics.

The text below the screenshots describes each tool's functionality and provides a concluding paragraph about the site's approach to topic modeling.

Welcome

NSF program managers have asked for tools to help them describe and assess their portfolios. This site provides three tools that help do this:

1. Portfolio Explorer



This tool describes the structure of divisional and program investments by topic. It has several views: proposals, awards, researchers and institutions. Managers can examine summary statistics for selected areas or drill down to the award-level by clicking the "detailed view" buttons. Data can be printed or exported for additional review and analysis - particularly to compare different investments over time.

2. Expertise Locator



This tool can be used to help find experts in particular topics. Search for PIs who have received awards in specific NIH investments by institution and an earlier version of topics. Future applicationstotics. It can be used to respond to requests on what will permit managers to search for reviewers based on the research has been funded in what areas, as well as to topics associated with incoming proposals. understand the geographic dimensions of investments.

3. Institutional Overview



This tool provides a geographic overview of NSF (and NIH) investments by institution and an earlier version of topics. It can be used to respond to requests on what research has been funded in what areas, as well as to understand the geographic dimensions of investments.

The approach presented here makes extensive use of topic modeling (for more information see rd-dashboard.nitrd.gov/topic_modeling.html). This approach provides a powerful and flexible framework for representing, summarizing and analyzing the contents of large document collections. As the tools develop, we will produce more intuitive summaries of the topics; in this beta version we simply provide the raw "bag of words" derived from using natural language processing on all NSF proposals received between 2007-2011.



STAR METRICS Portfolio Explorer



Home Portfolio Viewer Expertise Locator Institutions Researchers

View Divisions: CHE Proposals: Pending, Recommended, Awarded Options: Primary, FY's 2005-2010 [Edit](#)

Topic(s) (selected) Topics: 3/142 Proposals: Pending 1,733 Awarded 104 Institutions 75 Patents (soon) [Edit](#)
Recommended 108 Declined 1,629 Researchers 175 Publications (soon) [View](#)

Descriptions

Proposal Data

Sort by: # proposals

Select Topic	Division(s)	Awarded # / % of topic	Funding \$ (million)
<input checked="" type="checkbox"/> Topic 211: synthesis reaction organic synthetic chiral chemistry_program compound organic_macromolecular molecules department_chemistry chemistry pharmaceutical asymmetric...	CHE	43 / 2.29%	2.02
<input checked="" type="checkbox"/> Topic 39: metal complexes ligand inorganic chemistry bond compound bioinorganic transition_metal organometallic_chemistry chemistry_program cluster reactivity iron ions ...	CHE	33 / 5.18%	1.01
<input type="checkbox"/> Topic 26: molecular molecules spectroscopy dynamic molecule chemistry_program energy vibrational physical_chemistry single experimental electronic system excited processes...	BIO, CHE	32 / 3.28%	1.23
<input type="checkbox"/> Topic 397: NMR molecules magnetic_resonance chemistry nuclear_magnetic structure research_instrumentation NMR_spectrometer spectrometer acquire MHz department_chemistry NMR_spectroscopy acquisition chemist ...	BIO, CHE, PHY	31 / 3.00%	10.23
<input checked="" type="checkbox"/> Topic 248: theoretical computational molecular simulation calculation theory dynamic quantum monte system carlo experimental density computational_chemistry properties ...	CHE, PHY	28 / 2.59%	34.01
<input type="checkbox"/> Topic 362: analysis mass_spectrometry analytical mass_spectrometer mass instrument chromatography ion chemical separation liquid technique ionization chemistry gas ...	CHE, PHY	21 / 3.15%	0.76
<input type="checkbox"/> Topic 90: building laboratory facility clock upgrade circadian renovation facilities space lab system equipment laboratories existing ...	CHE	10 / 4.08%	4.56

Select Above (10) / Select All (327)

7 topics/page

Page 1 2 3 4 5 6 7 Previous Next

Deselect All (3)

Selection Summary



The below reflects a summary of the Topics you select/ed on the left. Click the buttons below to analyze your Topic selection deeper.

Divisions/Topics 2/3 [Analyze](#)

Top Division CHE (3 topics)
2nd PHY (1 topic)

Awarded 104 [Analyze](#)

Total Funding \$37,063,450
Date first 04/5/2005
Date last 11/21/2010

Top Topic (#)
2nd 211 (43 grants)
3rd 39 (33)

Top Topic (\$)
2nd 248 (\$34.01M)
3rd 211 (2.02)

Institutions 75 [Analyze](#)

Total # of States 8
Top Region California (22 grants)
2nd Arizona (14)
3rd Kentucky (8)
4th Pennsylvania (8)
5th New Jersey (4)
(more)

Researchers 286 [Analyze](#)

Top Researcher Dr. Josep ...ink (3 grants)
2nd Dr. Janice V...oss (2)
3rd Ms. Jane Doe (2)
4th Dr. Arie va...oek (2)
5th Dr. Jesse Alb...os (1)
(more)



STAR METRICS Portfolio Explorer



Home **Portfolio Viewer** Expertise Locator Institutions Researchers

View Divisions: CHE Proposals: Pending, Recommended, Awarded Options: Primary; FY's 2005-2010; [Edit](#)

Topic(s) selected Topics: 3/142 Proposals: Pending 1,733 Recommended 108 Awarded 104 Declined 1,629 Institutions 75 Researchers 175 Patents (soon) Publications (soon); [Edit](#) [View](#)

Descriptions Proposal Data

Sort by: # Awarded

Select Topic	Proposals			#/% of topic	\$ (M)	Quantity Distribution		Award Distribution (\$)	
	📄	👍	✖			1/'08	12/'10	1/'08	2/'10
<input checked="" type="checkbox"/> t211	1441	41	350	43 / 2.29%	2.02				
<input checked="" type="checkbox"/> t39	464	32	108	33 / 5.18%	1.03				
<input type="checkbox"/> t26	736	32	176	32 / 3.28%	1.23				
<input type="checkbox"/> t397	783	31	188	31 / 3.00%	10.23				
<input checked="" type="checkbox"/> t248	711	27	171	28 / 2.99%	34.01				

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2nd 39 (33)
3rd 248 (28)
Top Topic (\$) 248 (\$34.01M)
2nd 211 (2.02)
3rd 39 (1.03)

Portfolio Reporting R&D Dashboard

- For stakeholders
 - What research has been funded in my state/city?
 - Who are the researchers doing the research?
 - What are the results?
- For agencies/research institutions
 - Automated reporting of research portfolio
 - Automated documentation of institutional contribution
- For researchers
 - Minimal burden
 - Increased visibility to agencies, peers and stakeholders

Fed Wide Research Profile

Building a better system

- Automate reporting => reduced agency costs
- Reduce science burden => scientists free to do science
- Better quality and structured data => reports can be used for analysis

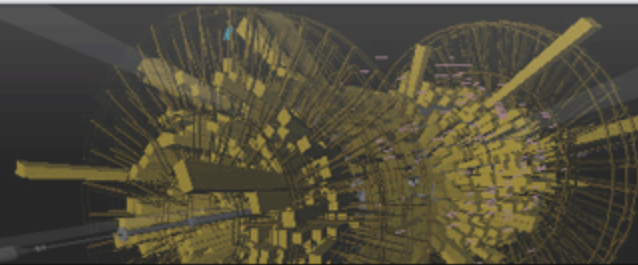


R+D Dashboard

BETA

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Highlights

[Office of Science and Technology Policy of the White House - Orszag/Holdren memos to science agencies](#)

[Data Sources \(and Assumptions\)](#)

[Downloading Data and Tool Tips – making the most of this site](#)

[Important Links](#)

The R&D Dashboard

In response to the [eGov Act of 2002 Section 207](#), the R&D Dashboard beta web site provides an initial look at U.S. Federal Investments in Science and Research from two key agencies; the National Institutes of Health (NIH) and the National Science Foundation (NSF) from years 2000-2009. The R&D Dashboard will expand in a future iteration to include ALL federal research and development spending and outputs data.

What's available

The information presented here is in the context of "investments", or grants issued by the Federal government to the receiving institutions, and "outputs", or the results of such investments in the form of publications and patent activity. Through comparing investment activities and institutions at a geographic, institutional and congressional district level, one is able to begin to trace the results of outcomes associated with the federal governments investments in science and technology. The aggregation of research topic themes allows viewers to see patterned activities of investment and outcome by technology or research areas also at a geographic level.

This is a Beta Site

The R&D Dashboard is a beta site and feedback is welcome. Please direct comments or questions to our [contact page](#).

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Grants Awarded

Use this map to discover information on Grants that are awarded in your state and congressional district.

Illinois

NIH/NSF funded

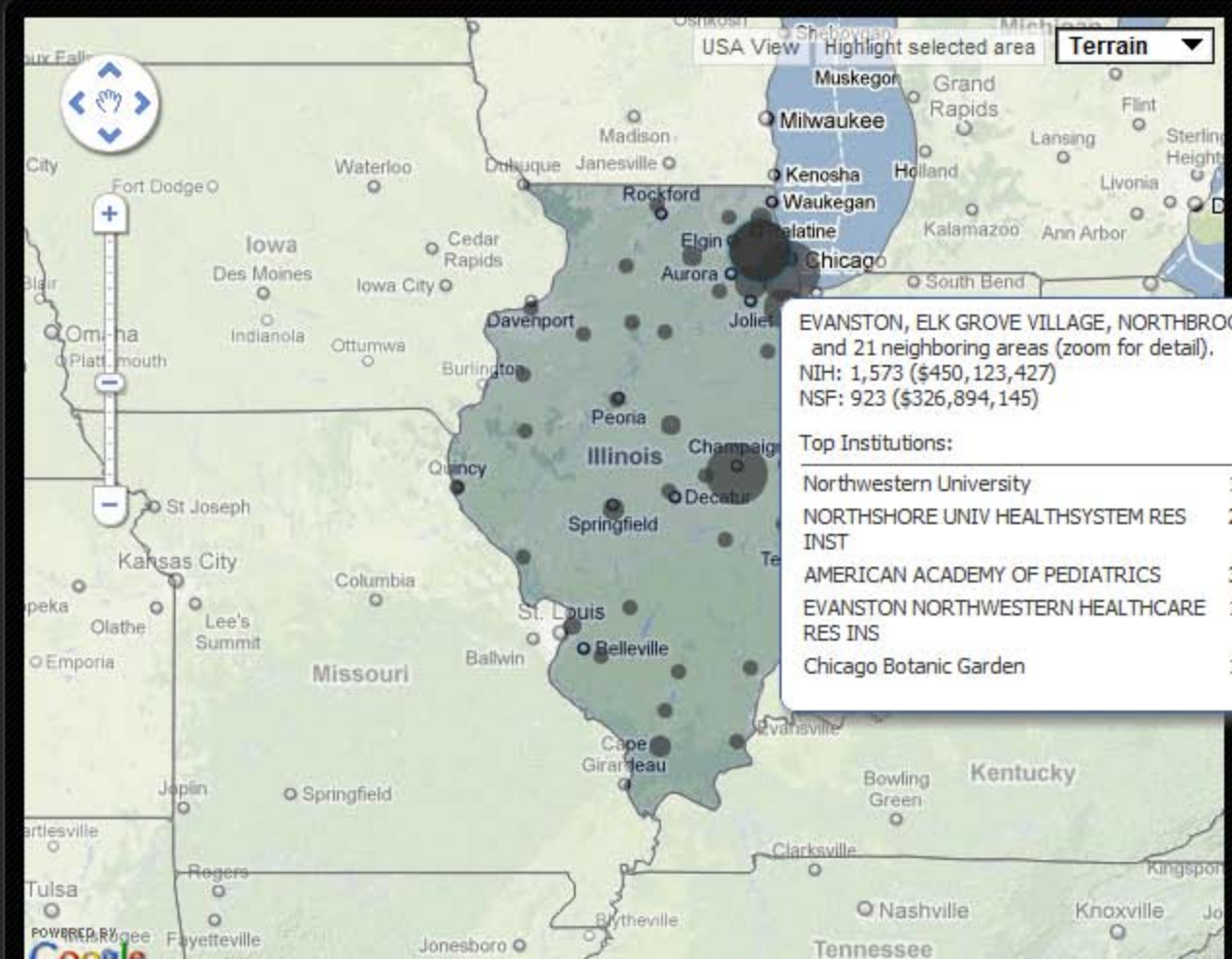
Year(s): 2001-2009

Amount: 0.00-130.00m

- Top Research Institutions**
- University of Illinois at Urbana-Champaign
 - Northwestern University
 - University of Chicago
 - RUSH UNIVERSITY MEDICAL CENTER
 - LOYOLA UNIVERSITY CHICAGO
 - NORTHSHORE UNIV

Top Topics

Download selected data as CSV



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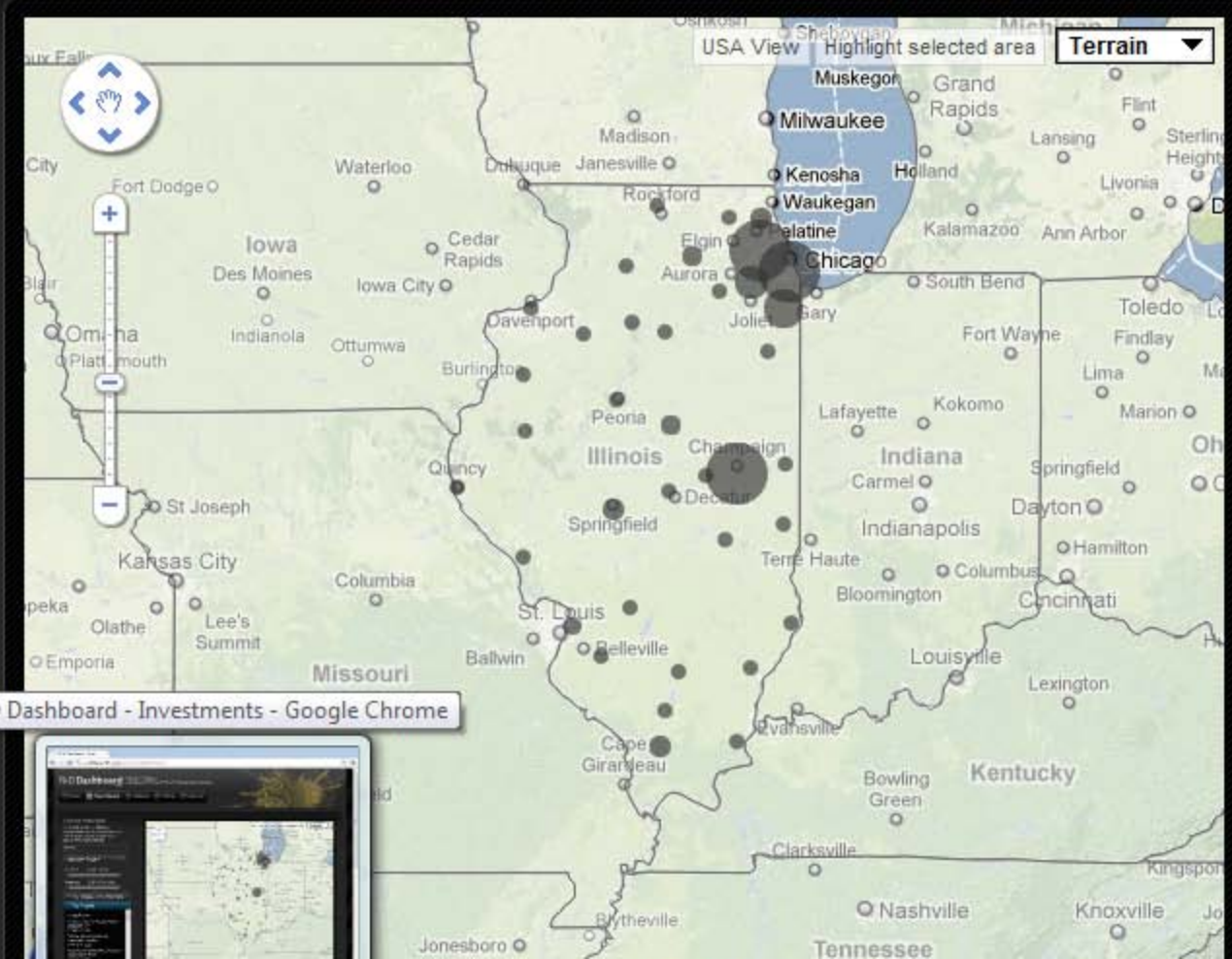
NIH/NSF funded

Year(s): 2001-2009

Amount: 0.00-130.00m

- Top Research Institutions
- Top Topics**
- Unattributed
- trainees clinical faculty fellow postdoctoral (Topic # 47)
- theory group geometry algebraic number (Topic # 123)
- conference workshop meeting researcher field (Topic # 121)

Download selected data as CSV



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▶ Top Research Institutions

▼ Top Topics

Unattributed

trainees clinical faculty fellow
postdoctoral
(Topic # 47)

theory group geometry
algebraic number
(Topic # 123)

conference workshop meeting
researcher field
(Topic # 121)

Download selected data as CSV

Show 100 entries

Search:

Year	Grant Number	Federal Agency	Grant Amount	Receiving Institution
2009	1H75TP000325-01	NIH	\$41,610,324	ILLINOIS STATE DEPT OF PUBLIC HEALTH
2009	0932251	NSF	\$30,207,358	University of Chicago
2009	5U90TP516966-10	NIH	\$19,985,919	ILLINOIS STATE DEPT OF PUBLIC HEALTH
2009	1H75TP000379-01	NIH	\$12,818,323	CHICAGO DEPARTMENT OF PUBLIC HEALTH
2009	2U10CA031946-28	NIH	\$11,457,918	UNIVERSITY OF CHICAGO
2009	5U90TP517008-10	NIH	\$10,699,574	CHICAGO DEPARTMENT OF PUBLIC HEALTH
2009	5U54GM074942-05	NIH	\$10,544,058	UNIVERSITY OF CHICAGO
2009	2U54AI057153-06	NIH	\$7,494,091	UNIVERSITY OF CHICAGO
2009	0824618	NSF	\$6,800,512	National Opinion Research Center
2009	0855569	NSF	\$5,912,000	University of Illinois at Urbana-Champaign
2009	1RC2HL101651-01	NIH	\$5,646,401	UNIVERSITY OF CHICAGO
2009	5U2GPS001285-02	NIH	\$5,553,717	AMERICAN SOCIETY FOR CLINICAL PATHOLOGY
2009	5H23IP522565-07	NIH	\$5,378,772	CHICAGO DEPARTMENT OF PUBLIC HEALTH
2009	5H23IP522568-07	NIH	\$5,238,180	ILLINOIS STATE DEPT OF PUBLIC HEALTH

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Patents

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[Downloading Data and Tool Tips - making the most of this site](#)

[Important Links](#)

Dashboard

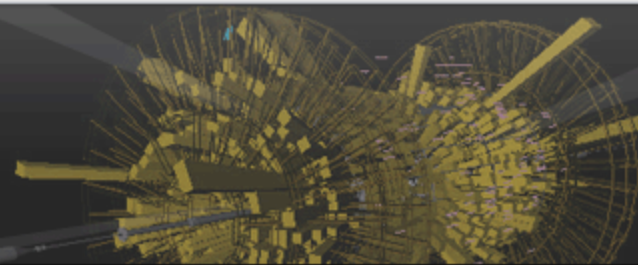
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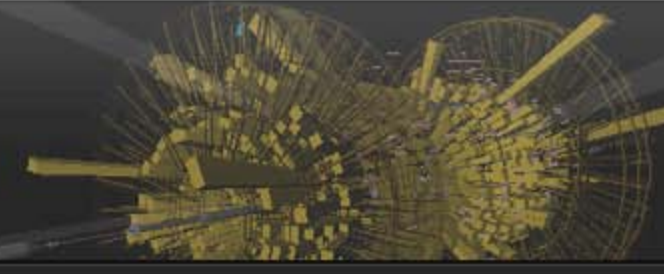
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Patents Awarded

Use this map to discover information on Patents that are awarded in your state and congressional district.

Illinois

All granted patents

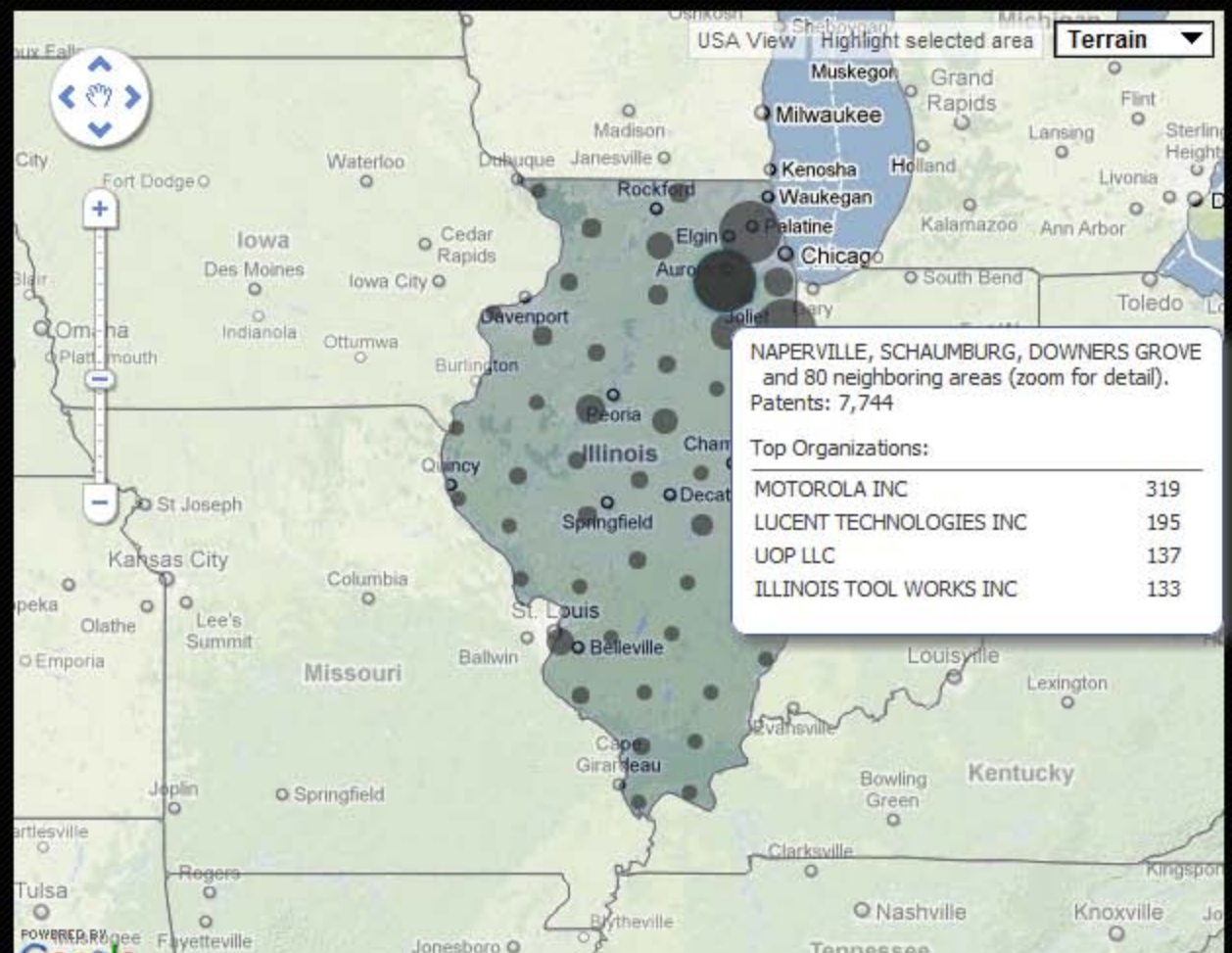
Year(s): 2001-2009

Citation within 2 degrees

Top Research Institutions

- Unattributed
- MOTOROLA INC
- CATERPILLAR INC
- ILLINOIS TOOL WORKS INC
- UOP LLC
- THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
- LUCENT TECHNOLOGIES INC

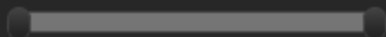
Top Technologies



Patents Awarded

Use this map to discover information on Patents that are awarded in your state and congressional district.

Year(s): 2001-2009



Citation within 2 degrees



Top Research Institutions

- Unattributed
- MOTOROLA INC
- LUCENT TECHNOLOGIES INC
- UOP LLC
- ILLINOIS TOOL WORKS INC
- MOLEX INCORPORATED
- PANDUIT CORP
- CABOT MICROELECTRONICS

Top Technologies

[Download selected data as CSV](#)

Show entries

Search:

Patent Number	Federal Agency	Institution/Company Name	Description
D0606270		FREUDENBERG HOSEHOLD PRODUCTS LP	Mop housing
D0606398		MIDWEST PRINTING INCORPORATED	Graduated dispensing cap
D0604923		FREE GREEN CAN LLC	Refuse container
D0603322		USA WIRELESS SOLUTIONS	Windshield mounting assembly for t
D0605828		WM WRIGLEY JR COMPANY	Comestible
D0605329		FOCAL POINT LLC	Lighting fixture
D0603649		PRINCE CASTLE INC	Conveyor toaster
D0603781		CONTROL SOLUTIONS LLC	Mounting clip
D0606848		CONTROL SOLUTIONS LLC	Mounting clip
D0606849		CONTROL SOLUTIONS LLC	Mounting clip
D0599209		BONAKEMI USA INC	Liquid container
D0605907		WILTON INDUSTRIES INC	Handheld dual grater/zester
D0605232		KABUSHIKI KAISHA SEGA	Game device
D0601343		WILTON INDUSTRIES INC	Bag station
D0601663		VALMATIC VALVE MANUFACTURING CORP	Ball valve

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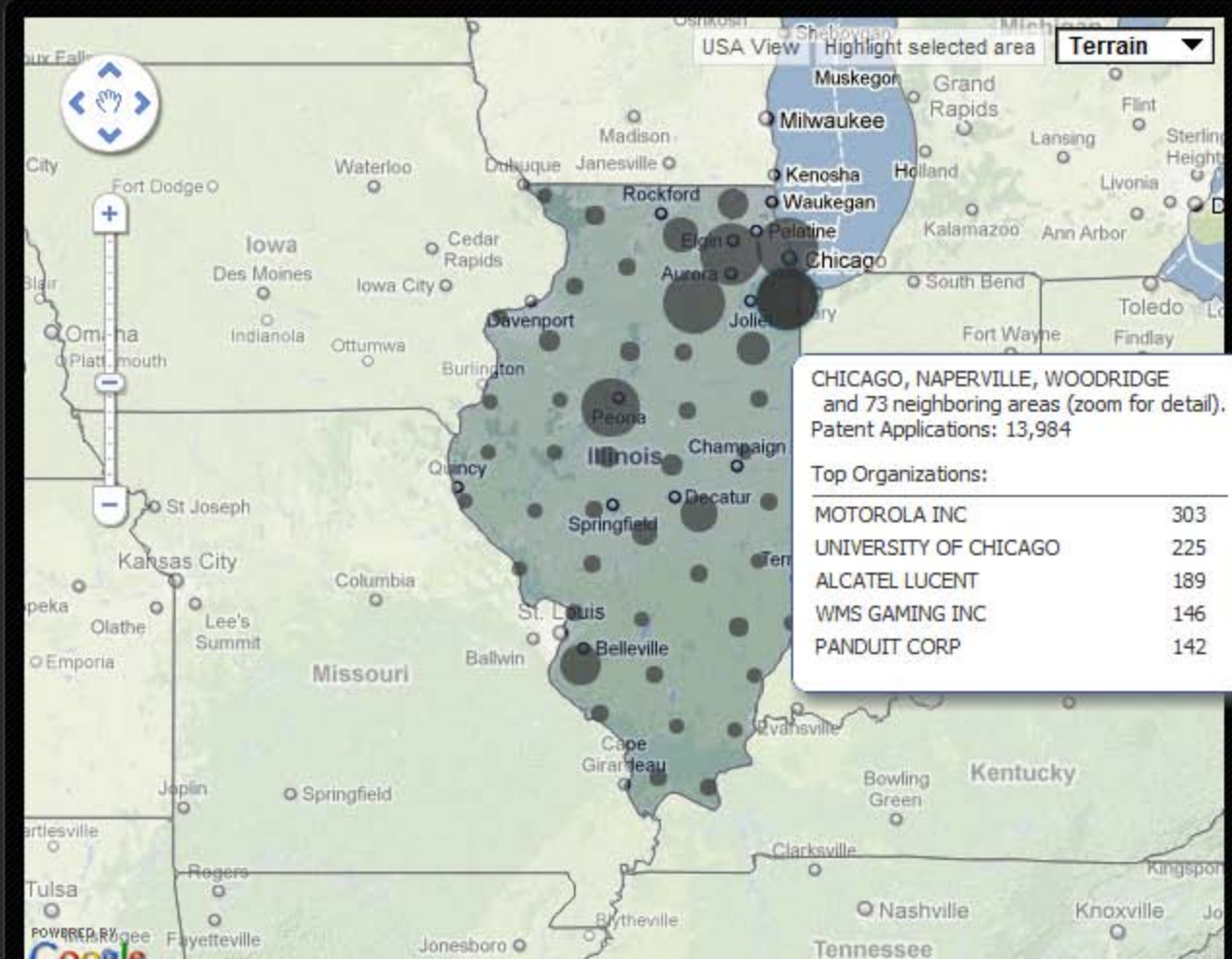
Year(s): 2001-2009

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- MOTOROLA INC
- CATERPILLAR INC
- ALCATEL LUCENT
- UNIVERSITY OF ILLINOIS-URBANA CHAMPAIGN
- WMS GAMING INC
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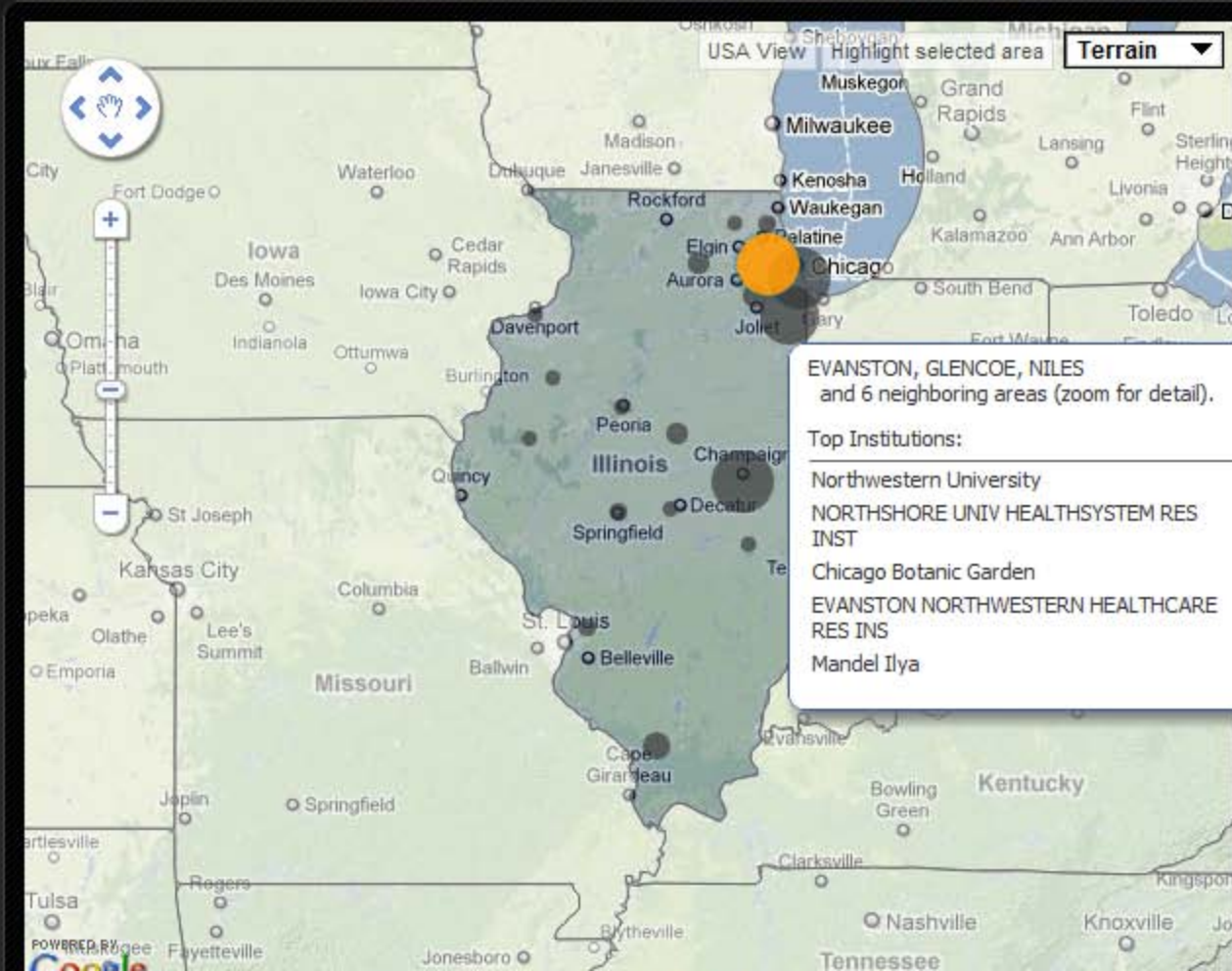
Year(s): 2001-2009

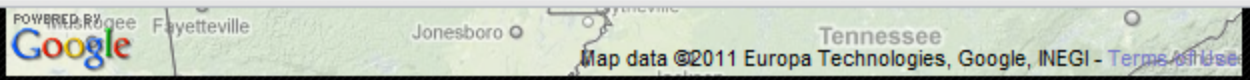
Top Research Institutions

- Northwestern University
- NORTHSHORE UNIV HEALTHSYSTEM RES INST
- Chicago Botanic Garden
- EVANSTON NORTHWESTERN HEALTHCARE RES INS
- Mandel Ilya
- Pfaendtner Jim
- HAEMOSCOPE CORPORATION

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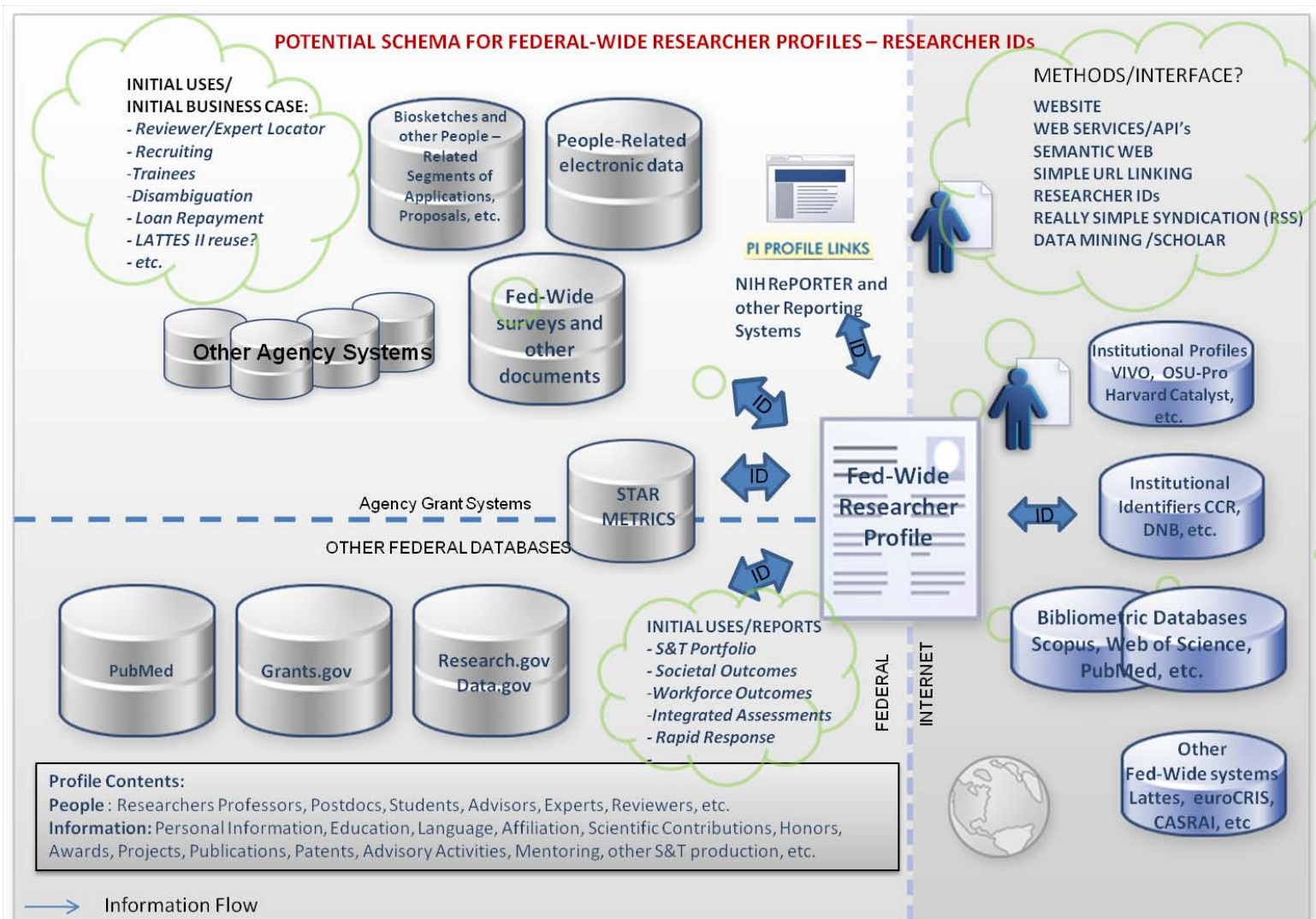
- system computing power design performance (Topic # 200)
- material properties nano nanoparticles nanotechnology (Topic # 64)
- quantum magnetic physic material spin (Topic # 167)
- chemistry reaction metal

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Year	Publication Number	Grant Number	Federal Agency	Receiving Institution	Title
2009	PMID 19416951	7F32NS055531-03	NIH	NORTHWESTERN UNIVERSITY	Prism adaptation reveals bias in patients with retinal junction lesions.
2009	PMID 19658430	1R01CA126827-01A2	NIH	NORTHWESTERN UNIVERSITY	Catalytic asymmetric synthesis of isoflavanones.
2009	PUB 5768491	0846032	NSF	Northwestern University	Energy-Information Technology Movement and Sensing
2009	PUB 5697915	0853573	NSF	Northwestern University	Flash Reduction and Polymerization and its Polymer Comp
2009	PUB 5827147	0855253	NSF	Northwestern University	Pitfalls of Testbed Evaluation
2009	PUB 5814599	0856492	NSF	Northwestern University	Gd(III)-Nanodiamond Contrast Enhancement
2009	PUB 5464481	0901985	NSF	Mandel Ilya	The Mock LISA Data Challenge 3 to Challenge 4
2009	PUB 5464482	0901985	NSF	Mandel Ilya	The effects of LIGO detection of dimensional Markov-covariances on gravitational-wave signal
2009	PUB 5464483	0901985	NSF	Mandel Ilya	Compact Binary Coalescence Ground-based Gravitational Wave
2009	PUB 5464484	0901985	NSF	Mandel Ilya	Parameter estimation for multiple coalescing binary
2009	PUB 5464485	0901985	NSF	Mandel Ilya	Third generation of gravitational observatories and the
2009	PUB 5825948	0917233	NSF	Northwestern University	Pitfalls for Testbed Evaluation Systems
2009	PUB 5825950	0917233	NSF	Northwestern University	Where the Sidewalk Ends

Building a better system: Fed Wide Researcher Profile



FRPS Next steps

- Federal Demonstration Partnership Pilot – come to next presentation with Wally Schaffer
- Lattes <http://www.slideshare.net/rpacheco/sti-national-information-system-platform-the-brazilian-case-of-lattes>
- <http://www.slideshare.net/rpacheco/sti-information-systems-brazilian-initiatives-frequently-asked-questions>
- ORCID grant

What can you do?

Help us expand by joining

- More institutions => greater coverage, greater leverage, greater impact

Provide input into implementation of Level II

- Follow on workshops, demonstrations and grants for your researchers (through the SciSIP program at NSF)

Thank you!

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