

Using RePORT to Your Advantage as a PIO

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Media & Communications Specialist

NIH Office of Extramural Research

September 27, 2016

What is RePORT?

- Website and database that provides access to reports, data and analyses on NIH supported research activities
- ► Launched in 2008
- New features continually implemented since then
- Past 25 years of project data available!



ADVANCED SEARCH

Principal Investigator

(Last Name, First Name)

RePORTER

Institute/Center: Fiscal Year:

DATA BOOK

Research Portfolio Online Reporting Tools (RePORT)

In addition to carrying out its scientific mission, the 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.



How can this help public information officers?

- Find current and historical information about NIH funding to your institution
- Monitor awards to your institution through saved search alerts

Increase press release reach and visibility of scientific experts

Find key facts, statistics, and figures that can be used in your outreach





Home > RePORTER > Project Information

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Back to Search Results

System Health:

RUTGERS THE STATE UNIV OF NJ NEWARI

Project Information

5R01MH107239-02

Project 48 of 74

Project Number: 5R01MH107239-02

Public Health Relevance Statement:

cells by taking advantage of their unusual profile of receptor expression.

Contact PI / Project Leader:

Awardee Organization:

NEWS AND MORE

MIDLINE THALAMIC CONTROL OF THE AMYGDALA

DETAILS RESULTS HISTORY SUBPROJECTS SIMILAR PROJECTS NEARBY PROJECTS BETA

DESCRIPTION (provided by applicant): The amygdala plays a critical role in the genesis of defensive behaviors. Moreover, it is hyperactive in humans afflicted with anxiety disorders. Thus, it is commonly believed that many anxiety disorders result, at least in part, from a dysregulation of amygdala processes normally mediating fear or defensive behaviors. Accordingly, research on the mechanisms controlling amygdala excitability might open new approaches for the treatment of anxiety disorders. This proposal aims to that, by studying the influence of midline thalamic (MTh) nuclei on the amygdala. Prior studies on thalamic influences over the amygdala have focused on inputs arising from the posterior thalamus, particularly from the medial portion of the medial geniculate nucleus. Yet, a number of tracing studies have revealed that MTh nuclei also contribute massive projections to the basolateral (BLA) and central (CeA) amygdala. However, other than anatomical data, little is known about the role of these strong glutamatergic inputs. The w proposed here aims to shed light on the influence of MTh inputs to the amygdala. To this end, we will first identify the targets and postsynaptic mechanisms of MTh inputs in the amygdala using anatomical (Aim #1) and physiological (Aim #2) methods. Indeed, BLA and CeA both contain multiple cell types that express different peptides/receptors and for contrasting connections with each other and extrinsic afferents. Therefore, in Aim #1, we will combine anterograde tracing with immunocytochemistry for various neuronal mark identify the targets of MTh axon terminals in the amygdala at the light and electron microscopic levels. Building on these results, Aim #2 will combine optogenetic and patch clar recording techniques in vitro to study the impact of MTh inputs on amygdala cells. Armed with this information, the last two aims will examine the influence of MTh cells on amygdala dependent functions. Indeed, recent studies have revealed that following muscimol infusions in MTh nuclei, the expression of amygdala-dependent learned and innate fear is drastically reduced. However, it is unclear whether these muscimol findings result from the inhibition of nearby thalamic cells (e.g. mediodorsal nucleus), or the disfacilitation of targets of MTh nuclei (e.g. prefrontal cortex), that project to the amygdala. Two differen approaches will be used to address this question. First, in Aim #3, we will perform simult extracellular recordings of MTh and amygdala cells during the expression of learned and innate fear. Next, In Aim #4, we will use a dual viral strategy allowing us to express halorhodopsin or channelrhodopsin, but only in MTh cells that project to the amygdala. We will then optogenetically inhibit or excite amygdala-projecting MTh cells and examine this affects behavior on amygdala-dependent tasks that probe learned or innate fear. Together, the experiments proposed here will reveal how MTh neurons regulate the excital the amygdala during the expression of learned and innate fear. This knowledge will pave the way for pharmacological interventions aiming to regulate the activity of midline that

PUBLIC HEALTH RELEVANCE: Congruent findings from animal and human studies indicate that a highly conserved network of brain structures regulates the expression of fe anxiety in mammals. The amygdala in particular plays a critical role in various aspects of emotional regulation including the expression of innate fear responses or defensive behaviors, the acquisition of new fear responses as a result of experience and the facilitation of memory by emotions. Importantly, functional imaging studies indicate that the amygdala is often hyper- responsive in humans afflicted with anxiety disorders. As a result, it is commonly believed that many anxiety disorders result, at least in part, from a dysregulation of amygdala processes normally mediating fear/defensive behaviors. Thus, identifying inputs that exert a potent effect on amygdala excitability might open new approaches for the treatment of anxiety disorders. This proposal aims to do just that, by studying the influence of midline thalamic nuclei on the amygdala. Together, the experin

Back to Query Form

PARE, DENIS

Title:

DESCRIPTION

Abstract Text:

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RESEARCH

ORGANIZATIONS

WORKFORCE

FUNDING

REPORTS

LINKS & DATA

Q

FUNDING

HOME > Funding > NIH Awards By Location



By Organization

By IC

By PI

NIH Awards by Location & Organization

By Location



Data



Data as of 8/15/2016

NOTE: These data do not include projects funded by the American Recovery and Reinvestment Act of 2009. For a list of those projects, please visit http://report.nih.gov/recovery.

Fiscal Year:	2016 ▼		Location :	All	SELECT
Institute/Center:	All	SELECT	Congressional District:	All	SELECT
Funding Mechanism:	All	SELECT	Organization Type :	All	SELECT
FOA:	Format: RFA-IC-09-003 or PA-09-003		Organization :	Contains Begins with	SELECT
	_	SUBMIT QUERY	RESET QUERY		

By Funding Mechanism Note: Although this list can be sorted by the amount of funding each organization receives, these data should not be interpreted as a ranking of institutions by NIH. NIH's use of multiple principal investigator awards makes calculations of the total funding received by individual departments impractical and there are multiple ways in which the funding data can be aggregated across universities' schools and departments that can alter the ordering of institutions.

Map

NIH reports the dollar amount of administrative supplements but, because they are supplements to existing projects, does not count these supplements as "awards." As a result, every year there are a small number of organizations that receive NIH funding but appear in this table has having "0" (zero) awards.

Show All Group By System/Main Campus BETA			EXPORT TABLE		
Organization	City	State	Country	Awards	Funding
1ST PLAYABLE PRODUCTIONS, LLC	TROY	NY	UNITED STATES	1	\$225,000
21ST CENTURY THERAPEUTICS, INC.	DETROIT	MI	UNITED STATES	1	\$4,784
23ANDME, INC.	MOUNTAIN VIEW	CA	UNITED STATES	1	\$260,360
2B TECHNOLOGIES, INC.	BOULDER	CO	UNITED STATES	1	\$484,446
3-C INSTITUTE FOR SOCIAL DEVELOPMENT	DURHAM	NC	UNITED STATES	4	\$1,968,645

PRINCETON UNIVERSITY



NIH Awards by Location & Organization





\$44 551 983

NOTE: These data do not include projects funded by the American Recovery and Reinvestment Act of 2009. For a list of those projects, please visit http://report.nih.gov/recovery.

FY 2015 frozen data updated on 4/8/2016 to remove 48 duplicate awards

Fiscal Year:	2015 ▼		Location :	NJ	SELECT
Institute/Center :	All	SELECT	Congressional District:	All	SELECT
Funding Mechanism:	All	SELECT	Organization Type:	Domestic Higher Education (DHE), Schools of	SELECT
FOA:	Format: RFA-IC-09-003 or PA-09-003	SUBMIT QUERY	Organization : (Contains Begins with	SELECT

By Funding Mechanism By Organization By IC By PI By Location Data Map

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Show All				⊠ E	XPORT TABLE
Organization	City	State	Country	Awards	Funding
ATLANTIC HEALTH SYSTEM, INC.	MORRISTOWN	NJ	<u>UNITED STATES</u>	1	\$50,000
COLLEGE OF NEW JERSEY	EWING	NJ	UNITED STATES	1	\$214,444
COOPER UNIVERSITY HOSPITAL	CAMDEN	NJ	UNITED STATES	1	\$607,610
CORIELL INSTITUTE FOR MEDICAL RESEARCH	CAMDEN	NJ	UNITED STATES	3	\$9,521,608
HACKENSACK UNIVERSITY MEDICAL CENTER	HACKENSACK	NJ	<u>UNITED STATES</u>	2	\$3,583,137
INSTITUTE OF ELECTRICAL-ELECTRONIC ENGRS	PISCATAWAY	NJ	UNITED STATES	1	\$22,000
JFK MEDICAL CENTER	EDISON	NJ	UNITED STATES	1	\$45,230
KESSLER FOUNDATION, INC.	WEST ORANGE	NJ	UNITED STATES	3	\$731,257
MONTCLAIR STATE UNIVERSITY	MONTCLAIR	NJ	UNITED STATES	2	\$421,364
NEW JERSEY INSTITUTE OF TECHNOLOGY	NEWARK	NJ	UNITED STATES	<u>6</u>	\$1,946,211

PRINCETON

N.I

UNITED STATES



NIH Awards by Location & Organization





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		SUBMIT QUERY	RESET QUERY		

By Organization E	By IC By PI By Location	By Funding Mechanism	Map Da	ta		
						EXPORT
		18 projects fou	nd			Page 1 of 1
Project Number ▲	Project	Organization	Admin IC	Direct Cost	Indirect Cost	Funding
1F31GM113601-01A1	Mechanism and Interactions of Human Pyruvate Dehydrogenase Complex with its Kinase 1.	RUTGERS THE STATE UNIV OF NJ NEWARK	NIGMS	\$36,720		\$36,720
1F32MH107175-01	Parsing Reward: Identifying Distinct Neural Pathways for Specific Reward Properties	RUTGERS THE STATE UNIV OF NJ NEWARK	NIMH	\$54,194		\$54,194
1R01MH107239-01	Midline thalamic control of the amyqdala	RUTGERS THE STATE UNIV OF NJ NEWARK	NIMH	\$250,000	\$137,500	\$387,500
1R13HD085966-01	A Community Academic Partnership to Prevent Obesity in Mexican-American Immigrant Families	RUTGERS THE STATE UNIV OF NJ NEWARK	NICHD	\$27,989	\$0	\$27,989
1R15HD084254-01	Interplay of Physical Forces, Cell Cohesion and Cytoskeleton during	RUTGERS THE STATE UNIV OF NJ	NICHD	\$299,519	\$164,735	\$464,254

Home > RePORTER > Project Information Project Information



Back to Query Form

Back to Search Results

System Health:

5R01MH107239-02

Title:

PREVIOUS

DETAILS RESULTS HISTORY SUBPROJECTS SIMILAR PROJECTS NEARBY PROJECTS BETA LINKS & NEWS AND MORE &

DESCRIPTION Project Number: 5R01MH107239-02

MIDLINE THALAMIC CONTROL OF THE AMYGDALA

Abstract Text:

DESCRIPTION (provided by applicant): The amygdala plays a critical role in the genesis of defensive behaviors. Moreover, it is hyperactive in humans afflicted with anxiety disorders. Thus, it is commonly believed that many anxiety disorders result, at least in part, from a dysregulation of amygdala processes normally mediating fear or defensive

behaviors. Accordingly, research on the mechanisms controlling amygdala excitability might open new approaches for the treatment of anxiety disorders. This proposal aims to that, by studying the influence of midline thalamic (MTh) nuclei on the amygdala. Prior studies on thalamic influences over the amygdala have focused on inputs arising from the

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Project 48 of 74

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Awardee Organization:

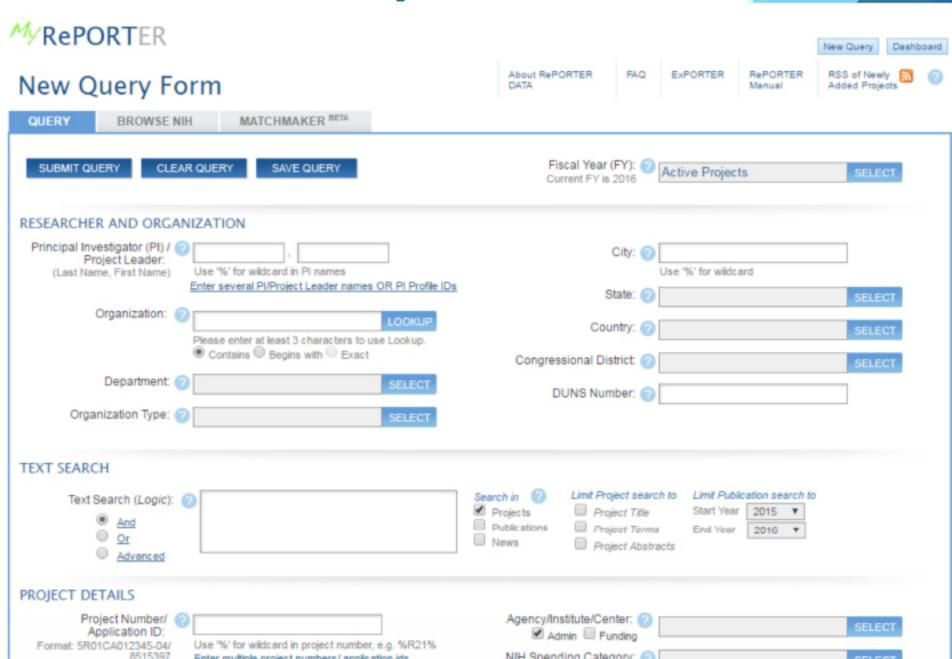
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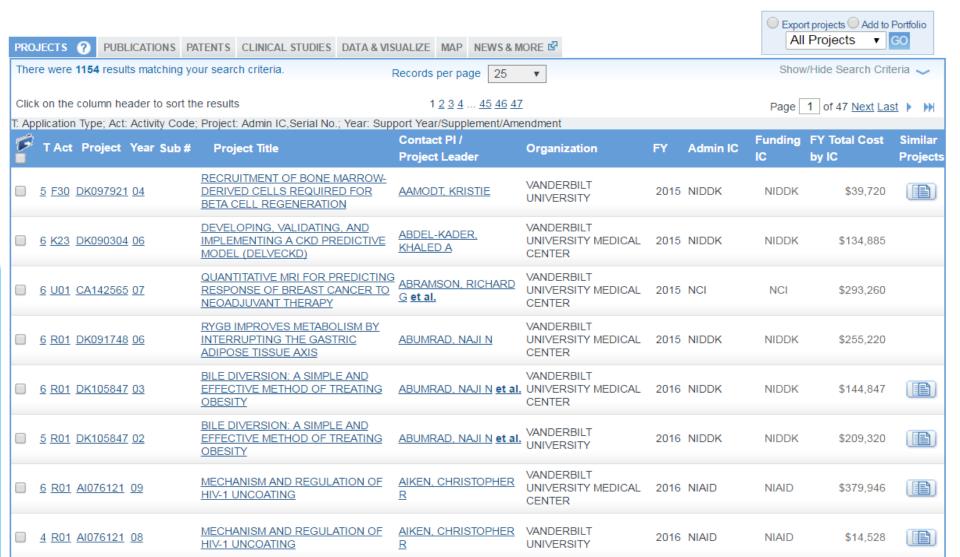
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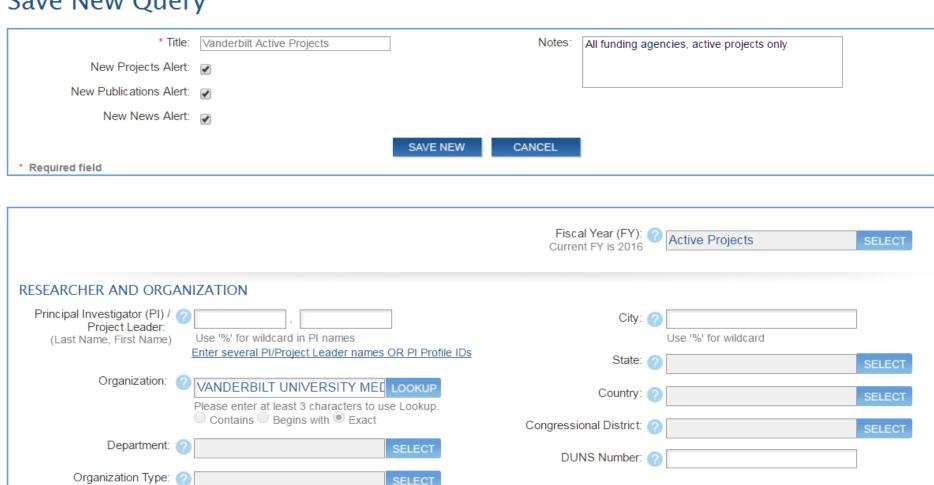


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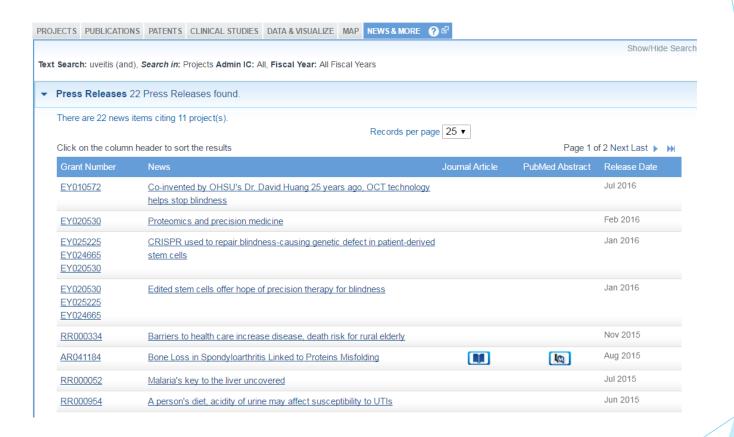


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Links to press releases on RePORT





PSA: Acknowledge NIH funding

http://grants.nih.gov/grants/acknow.htm

municating and Acknowledging Federal Funding

Communicating and Acknowledging Federal Funding

Publicizing the outcomes of NIH-funded projects and communicating the role of NIH support in biomedical research improves public understanding of how the biomedical research community as a whole, are working to improve human health.

This important information for researchers and public information officers (PIOs) describes how to correctly acknowledge NIH in your presentations, papers posters, and press releases.

On This Page:

- Requirements for Acknowledging NIH-Supported Research
- · Proper Grant Number Format
- Information for Researchers
- Information for Public Information Officers
- Frequently Asked Questions

Requirements for Acknowledging NIH-Supported Resea

According to NIH grants policy, all grantee publications,

- research publications
- press releases
- other publications or documents about research t

must include the following two statements:

1. A specific acknowledgment of NIH grant support

Grant number format for acknowledging Federal funding Institute/ Activity Center Serial Number

R01GM98765401-A1

Code

(six digits, including leading zeros)

Extension (for amended Year applications):

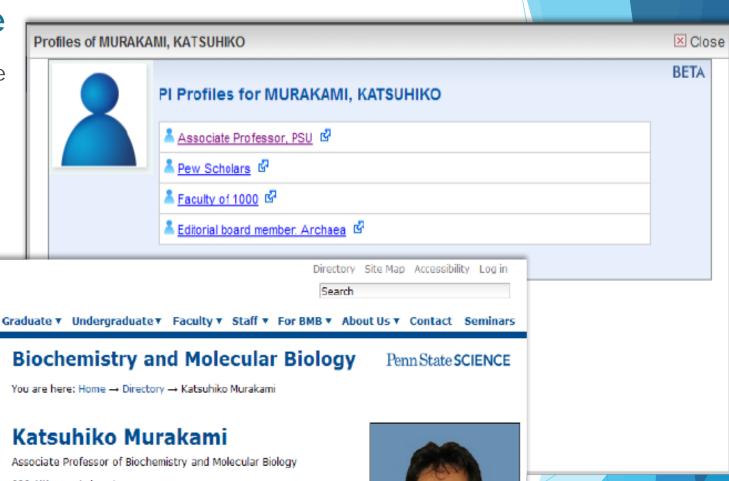
"Research reported in this [publication/press release; was supported by mame or the instituters, center, or other remainders, or the readonal institute." Health under award number (specific NIH grant number(s) in this format: R01GM987654]."

Code

2 A disclaimer that says:

PI profiles: one example

PI Profile and website of an NIH funded PL accessed through RePORT





Home

Research

Instructional

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Research Personnel

Adjunct

Emeritus

Staff

Grad Students

Katsuhiko Murakami

Katsuhiko Murakami

006 Althouse Laboratory University Park, PA 16802 Email: kum14@psu.edu Work: (814) 865-2758

Research Interests

Structural biology of RNA polymerase





FUNG

Key facts & figures: NIH Data Book

DATA BOOK

Research Portfolio Online Reporting Too

In addition to carrying out its scientific mission, the NIH exemplifies and promoter accountability. To that end, the Research Portfolio Online Reporting Tools provide and analyses of NIH research activities, including information on NIH expenditure supported research.

News Updates Enhancements made to the NIH Awards by Location and Thursday December 19, 2013

> NIH Budget and Spending

- > Funding Facts
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- Awards by Location
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- > NIH Recovery Act Sites
- > Federal Funds for R&D
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AWARDS BY LOCATION



NIH DATA BOOK



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RECOVERY ACT ON REPORT



NIH FACT SHEETS



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Office of Extramura

NIH CATEGORICAL SPENDING



BIENNIAL REPORT



Q REPORT CATALOG



Home > Funding > 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 trainees and fellows supported through NIH programs, and the national biomedical workforce. Tables and charts are provided in a variety of formats, including PowerPoint (PPT) slides and Portable Documents Files (PDF) files.

ħ	NIH Budget History	+
Þ	Research Grants	+
Þ	Small Business Research (SBIR / STTR)	+
۶	Success Rates and Funding Rates	+
•	NIH Peer Review	+
þ	The NIH-Funded Research Workforce	+
	▶ New NIH Investigators	+
	▶ Data by Gender	+
	► Trends in Research Career Development (K) Awards	+
	▶ NIH Research Training Grants and Fellowships	+
	▶ NIH-Supported Ph.D. Recipients	+
Þ	National Statistics on Graduate Students in the Biomedical, Behavioral, Social, and Clinical Sciences	+
•	National Statistics on Postdoctorates in the Biomedical, Behavioral, Social, and Clinical Sciences	+



Key facts & figures: Research areas, diseases & conditions

Research Portfolio Online Reporting Tools (RePORT)

n addition to carrying out its scientific mission, the 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.

News Updates Enhancements made to the NH Awards by Location and Organization fool Thursday, December 19, 2013

Fiscal Year 2012 report on NIH Collaborations with Other HHS Agencies no

How much did NIH spend on a particular disease or research area? The table shows historical data for FY 2012 through FY 2015. The FY 2016-2017 estimates are based on RCDC actual data.

Total Number of Research/Disease Areas: 265

Click here for instructions on how to use the data table below.

SEARCH RESEARCH/ DISEASE AREAS				Q_	PRINT É	EXP	ORT ?
Research/Disease Areas (Dollars in millions and rounded)	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Actual	FY 2016 Estimated	FY 2017 Estimated	2014 US Mortality 19/
Acquired Cognitive Impairment	±	±	±	\$798	\$832	\$832	
Acute Respiratory Distress Syndrome	<u>\$98</u>	<u>\$95</u>	<u>\$85</u>	<u>\$108</u>	\$112	\$112	10,70
Adolescent Sexual Activity	\$76	\$70	\$68	\$85	\$88	\$88	
Agent Orange & Dioxin	\$8	\$10	<u>\$8</u>	<u>\$9</u>	\$9	\$9	
Aging	\$2,593	\$2,429	\$2,556	\$2,698	\$2,807	\$2,807	
Alcoholism, Alcohol Use and Health 1/	\$455	\$437	<u>\$475</u>	\$473	\$494	\$494	60,44
Allergic Rhinitis (Hay Fever)	<u>\$7</u>	<u>\$9</u>	<u>\$6</u>	<u>\$5</u>	\$5	\$ 5	7(
ALS	<u>\$44</u>	\$39	\$48	<u>\$49</u>	\$52	\$52	
Alzheimer's Disease	\$503	\$504	\$562	\$589	\$910	\$910	115,76
Alzheimer's Disease including Alzheimer's Disease Related Dementias (AD/ADRD) <u>2/</u>	±	±	±	\$631	\$991	\$991	
Alzheimer's Disease Related Dementias (ADRD) 2/	±	±	±	\$120	\$161	\$161	14



Federal RePORTER

- http://federalreporter.nih.gov/
- Trans-federal agency searchable database of science awards
- STAR METRICS: a federal and research institution collaboration to create a repository of data and tools that will be useful to assess the impact of federal R&D investments

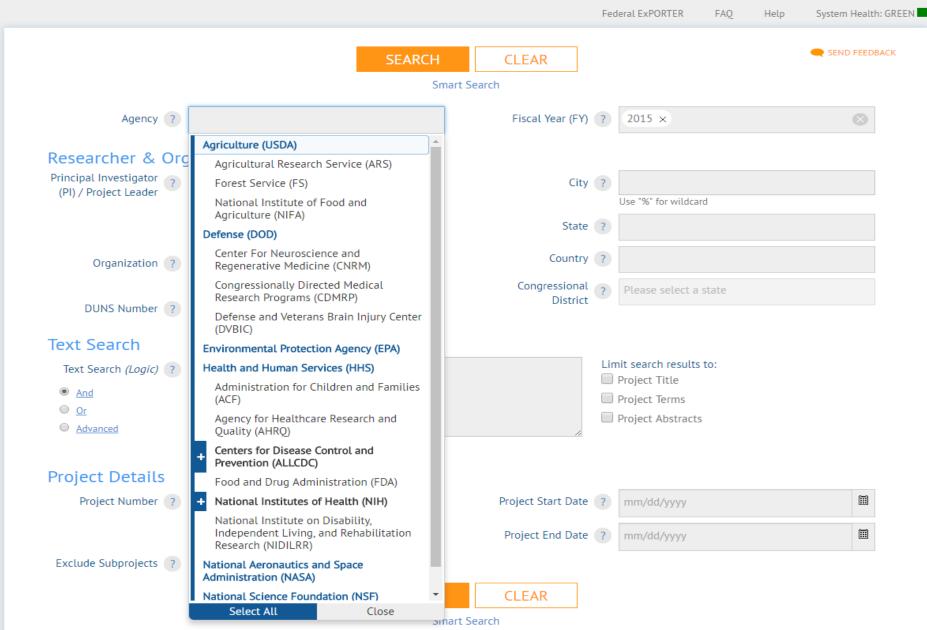


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