

NIH Research Portfolio Online Reporting Tools (RePORT) – Using RePORTER and Other Web Tools Throughout the Grants Process

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National Institutes of Health

RePORT Tools Can Help Answer Questions Throughout the Grants Process

- Which ICs have priorities that align with my research ideas?
- What is the NIH already funding in my research area?
- What results already came out of those projects?
- How can I find a relevant point of contact at NIH to discuss my research ideas?
- How can I find collaborators?
- Which types of programs should I apply for, and what are my chances of getting funded?
- What are other PIs at my institution working on?
- Do other federal agencies support research like mine?



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RePORT: One-Stop Shop for Data on NIH Programs

RePORT is the NIH's commitment to the highest level of public accountability in carrying out its scientific missions.

The Research Portfolio Online Reporting Tools website provides access to reports, data, and analyses of NIH research activities, including expenditures and the results of supported research.

Goals are to

- Gather all NIH data and reports
- Make these data easily accessible to the public
- Highlight the links between NIH funding and research results and products

Access at <https://RePORT.nih.gov>

Support at RePORT@mail.nih.gov



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RePORT Home Page <https://report.nih.gov>

The screenshot displays the RePORT Home Page interface. At the top left is the NIH logo and the text "Research Portfolio Online Reporting Tools (RePORT)". A search bar is located at the top right. Below the search bar is a navigation menu with links: HOME | ABOUT RePORT | FAQs | GLOSSARY | CONTACT US. A secondary navigation bar contains tabs for QUICK LINKS, RESEARCH, ORGANIZATIONS, WORKFORCE, FUNDING, REPORTS, and LINKS & DATA. The main content area features several tool cards: RePORTER (The Report Expenditures and Results tool), Awards by Location (Consolidates all information about NIH-supported extramural organizations), Funding Facts (Quick access to statistics from the NIH Data Book), NIH Data Book (Provides basic summary statistics on extramural grants and contract awards), Success Rates (Computed on a FY basis), and Report Catalog (The Report Catalog is a menu driven interface). A large "Awards by Location" card is prominently displayed on the right. At the bottom, there is a row of icons for RePORTER, AWARDS BY LOCATION (with a "CLICK TO VIEW" button), NIH DATA BOOK, FUNDING FACTS, CATEGORICAL SPENDING, REPORT CATALOG, SPECIAL REPORTS, and ABOUT REPORT. The footer includes the text "Research Portfolio Online Reporting Tools (RePORT)" and an "ADVANCED SEARCH" link.

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Public Data Available at Multiple Levels of Complexity



RePORTER (RePORT Expenditures and Results)

<https://projectreporter.nih.gov>



NIH Data Book

<https://report.nih.gov/nihdatabook>



NIH Awards by Location and Organization

<https://report.nih.gov/award>



ExPORTER

<https://exporter.nih.gov>



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Using RePORTER to Help With Your Application

- Find funded research projects in areas similar to yours
 - See what's been funded already
 - Get additional background information on prior research
- Identify collaborators
- Find projects that were awarded earlier under similar Funding Opportunity Announcements (FOAs)



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Information in RePORTER

- RePORTER, = Expenditures and Results
 - Updated weekly with newly funded grants
- Information is included from
 - NIH, extramural and intramural since FY 1985
 - Patents, publications, and other research outcomes
- Projects supported by other components of HHS
 - ACF, AHRQ, CDC, FDA
- Projects supported by the VA



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Many Ways to Search RePORTER

- Comprehensive search form
- Options to search by Principal Investigator, Organization, Project Number, etc.
- Click the question mark icons for help about each field
- Default search is for Active Projects, but can go as far back as FY 1985



The screenshot displays the NIH RePORTER search interface. Key sections include:

- RESEARCHER AND ORGANIZATION:** Fields for Principal Investigator (PI) / Project Leader (Last Name, First Name) and Organization. Includes a "LOOKUP" button for the organization field.
- TEXT SEARCH:** A search box with "And" and "Or" logic options. Includes checkboxes to limit the search to Projects, Publications, Project Terms, and Project Abstracts.
- PROJECT DETAILS:** Fields for Project Number/Application ID. Includes a format example: 5R01CA012345-04/8515397. Includes a "SELECT" button for Agency/Institute/Center, with "Admin" and "Funding" options.
- ASSIST SIZE:** A dropdown menu for "Assist Size" with a help icon.
- CLINICALTRIALS.gov ID:** A field for "ClinicalTrials.gov ID" with a help icon.
- EXCLUDE SUBPROJECTS:** A checkbox for "Exclude Subprojects" with a help icon.
- MULTI-PI ONLY:** A checkbox for "Multi-PI Only" with a help icon.

Navigation buttons at the top include "SUBMIT QUERY" and "CLEAR QUERY". The footer shows the date as of 07/07/18 and the version as 7.30.0 - View Release Notes.

RePORTER Demonstration: Find Funded Projects in Your Research Area

1. Find the TEXT SEARCH section of the search form
2. Enter the following text into the box:
mental health
3. Find the Agency/Institute/Center section of the search form
4. Select NIMHD as Admin IC
5. View the results on multiple hitlists
6. Share your RePORTER query with colleagues

What Have These Projects Already Accomplished?



The screenshot shows a search results page for 'mental health' on the NIH RePORTER website. The page displays a list of 11 items, including press releases and research matters. The table below summarizes the visible entries:

Grant Number	Title	Admin IC	Funded Amount	Release Date
N0000019	Machine Learning Drives Novel Prostate Cancer Breast Cancer	NIMH		Jan 2019
N0000019	Diabetes Management Growth Impaired in High-Risk Ethnic Population Through Community-Based Program	NIMH		Jan 2019
N0000019	Shift in Lifestyle the Source of Stress on the Health of Sexual Minority Adolescents	NIMH		Jan 2017
N0000019	NIH Researchers Study Genetic, Epigenetic, and Environmental Risk Factors for Lymphedema	NIMH		Feb 2017
N0000019	NIH Researchers Discover How Transposable Elements Contribute to Brain Disease	NIMH		Jan 2016
N0000019	NIH Researcher Study Epigenetic Changes in Relation to Breast Cancer Patient Lymphedema	NIMH		Dec 2015
N0000019	NIH Study Identifies Method to Detect Late Stage of Lymphedema	NIMH		Dec 2015
N0000019	NIH Researchers Explore Genetic Variations among Chinese Americans with PTSD	NIMH		May 2015
N0000019	Two Y Chromosomes Share the Y Chromosome for Ancestral Recombination in Mice	NIMH		Jan 2014
N0000019	NIH Researchers Find a New Solution to Infectious Breast Cancer-related Lymphedema	NIMH		Nov 2013
N0000019	Small Molecule Found to Cure Chronic Disease in Mice	NIMH		Feb 2013

- PROJECTS matching your search criteria
- PUBLICATIONS supported by the projects on the first list
- PATENTS linked to the projects, as reported by the investigator
- Registered CLINICAL STUDIES linked to the projects through ClinicalTrials.gov
- VISUALIZE the characteristics of your search results, including clusters of topics
- View results on a MAP to see what states receive the most funding and where the projects have been awarded
- NEWS articles and NIH reports that specifically mentioned projects on your hitlist

Share Your RePORTER Query

- “Share Query” button displays a persistent URL
- Every time it is clicked, the search will be run again and updated results presented

Search Results

The screenshot shows the RePORTER search results interface. At the top right, there are buttons for 'Back to Query Form', 'Save Query', and 'Share Query'. Below these, a text box contains a persistent URL: `https://projectreporter.nih.gov/Reporter_Viewsh.cfm?sl=15E9CA0A4F8DC3D27598B8961CAA4A01A2FFCEB861BF`. To the right of the URL are buttons for 'Copy Link', 'Email Link', and a close 'X' button. Below this is a table of search results with columns: T, Act, Project, Year, Sub #, Project Title, Contact PI/Project Leader, Organization, FY, Admin IC, Funding IC, FY Total Cost by IC, and Similar Projects. Two results are visible:

T	Act	Project	Year	Sub #	Project Title	Contact PI/Project Leader	Organization	FY	Admin IC	Funding IC	FY Total Cost by IC	Similar Projects
1	R15	MD010214	01		SOCIAL DETERMINANTS OF PRIMARY CARE UTILIZATION AMONG URBAN COMMUNITY MENTAL HEALTH CENTER PATIENTS WITH SERIOUS MENTAL ILLNESS	ABRAHAM, KRISTEN	UNIVERSITY OF DETROIT MERCY	2015	NIMHD	NIMHD	\$417,827	
5	US4	MD007593	10	7166	ADMINISTRATIVE CORE	ADUNYAH, SAMUEL E.	MEHARRY MEDICAL COLLEGE	2018	NIMHD		\$289,377	

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My RePORTER – Stay Up-to-Date With Saved Queries and Email Updates

My RePORTER

[New Query](#)

Portfolios

You have 3 portfolio(s) in your profile

Click on the column header to sort the results

[View](#) [Execute](#) [Edit](#) [Delete](#) [Email](#)

#	Name	Description	Created on	Last Revised On	Projects	Action
1	My Portfolio 3		10/14/2012	10/20/2012	6	
2	My Portfolio 2		05/21/2012	10/20/2012	4	
3	My Portfolio 1		10/03/2011	10/20/2012	6	

Saved Queries

You have 2 saved queries in your profile

Click on the column header to sort the results

#	Title	Notes	Created on	Last Revised On	Action	Project Alert	Publication Alert
1	Another Saved Query	This is another one	03/27/2012	10/20/2012		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	My First Saved Query	This is the first saved query	09/11/2012	10/20/2012		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

My RePORTER – Save Your Query

MyRePORTER

Search Results

[Back to Query Form](#)

[Save Query](#)

[New Query](#)

[Dashboard](#)

There were 518 results matching your search criteria

Records per page: 25

Show/Hide Search Criteria

Click on the column header to sort the results

1 2 3 4 ... 18 20 21

Page 1 of 21 Next Last

T: Application Type: Act: Activity Code: Project: Admin IC: Serial No.: Year: Support Year/Supplement/Amendment

T	Act	Project	Year	Sub #	Project Title	Contact PI / Project Leader	Organization	FY	Admin IC	Funding IC	FY Total Cost by IC	Similar Projects
5	K08	HL135433	02		MECHANISMS OF IMPAIRED MUCOCILIARY TRANSPORT IN CF AIRWAY DISEASE	ABOU ALAWA MAHMOUD	UNIVERSITY OF IOWA	2018	NHLBI	NHLBI	\$160,164	
1	B13	NS105332	01		2018 LIGAND RECOGNITION & MOLECULAR GATING GORDON RESEARCH CONFERENCE &	ACCARDI ALESSIO	GORDON RESEARCH CONFERENCES	2017	NINDS	NINDS	\$20,000	

TEXT SEARCH

1.E3 Text Search (Logic): "cystic fibrosis"

Search in: Projects Publications News

Characters left: 2500

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My RePORTER – Stay Up-to-Date with Email Alerts

MyRePORTER

Save New Query

[New Query](#) [Dashboard](#)

* Title:

New Projects Alert:

New Publications Alert:

New News Alert:

* Required field

My RePORTER – Automated Email Alerts

From: <do-not-reply-myreporter@projectreporter.nih.gov>

Subject: Your NIH MyRePORTER Project Alert

NIH MyRePORTER

Dear NIH MyRePORTER User:

The following new projects matched your saved search criteria in [MyRePORTER](#). Please note that this email only lists up to the first 25 results from your saved query(ies). Please click "View results in MyRePORTER" to view all of your results.

Query: CF projectspubsnews

Showing 4 of 4 new projects:

Project Number	Subproject	Project Title	Contact PI / Project Leader
SK01DK102851-04		INTEGRATION OF NUTRITIONAL METABOLOMICS WITH BIOENERGETICS IN CYSTIC FIBROSIS	ALVAREZ, JESSICA ALEJANDRA
SR01DK102960-03		'METABOLICALLY ACTIVATED' MACROPHAGES IN OBESITY AND INSULIN RESISTANCE	BECKER, LEV
1R61HL137077-01		IMPACT OF VIROME ON MICROBIAL COMMUNITIES IN THE RESPIRATORY TRACT	BOMBERGER, JENNIFER MELINDA
SR01GM036652-31		MICROFILAMENT ORGANIZATION AND REGULATION	BRETSCHER, ANTHONY P.

[View results in MyRePORTER](#)

You are receiving this email because you have subscribed to receive alerts from the NIH MyRePORTER system. You can change your alerts preferences by [logging](#) into the system. If you have not requested these alerts, please contact the [RePORT Support Team](#).

Sincerely,

RePORT Support Team

<https://projectreporter.nih.gov>

- Email alerts make it easy to stay up-to-date on current projects while you're working on your application

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Matchmaker: What Projects Like Mine Have Already Been Funded, And Who Can I Contact to Discuss My Ideas?

- Enter abstracts or other scientific text and Matchmaker will return lists of similar projects from RePORTER or program officials associated with those projects
- Matches are based on the terms and concepts used in the submitted text

Matchmaker Demonstration: Find Similar Projects

QUERY BROWSE NIH **MATCHMAKER** SEARCH PUBLICATIONS BETA

Use Matchmaker to find similar projects and program officials

Enter abstracts or other scientific text and Matchmaker will return lists of similar projects from RePORTER or program officials associated with those projects. These matches are based on the terms and concepts used in the submitted text. Up to 15,000 characters are permitted. Matchmaker summarizes the projects by the program official, institute or center, review panel, and activity code.

Enter your Text:

The research group investigates the neurobiology underlying drug abuse and related psychiatric disorders. The work is focused on the systematic study of the human brain of drug abusers and subjects with psychiatric disorders in relation to opioid neuropeptide, cannabinoid and dopamine neuronal systems. Drug abuse and, e.g., major depression are associated with alterations of mood, cognition, and motivation, thus, an important goal is to identify and map specific genes in the mesocorticolimbic system, which regulate emotional function. Techniques such as in situ hybridization, RT-PCR, DNA microarray, in vitro autoradiography, and general biochemical assays are used for the detailed analyses of genes, and respective protein products, in discrete mesocorticolimbic brain areas. Molecular, biochemical, and in vivo studies of the human brain are assessed in relation to individual genotype in order to identify neurobiological correlates of functional genetic polymorphisms linked to addiction and affective disorders. Epigenetic mechanisms, e.g., DNA methylation, are also evaluated in relation to the regulation of gene expression.

Terms will be weighted by frequency of appearance in the text above. The process is automated and confidential. The Matchmaker system does not track and store submitted text.

CLEAR **SIMILAR PROJECTS** SIMILAR PROGRAM OFFICIALS

Mount Sinai Hospital

Find A Doctor Patient Care About Mount Sinai Education For Medical Professionals

Yasmin Hurd

PROFESSOR Psychiatry
PROFESSOR Neuroscience
PROFESSOR Pharmacology and Systems Therapeutics

Address: West CSM Building Floor 10 Room 201, Laboratory, 1470 Madison Avenue, New York, NY 10029

Tel: 212-241-6975

Address: West CSM Building Floor 10 Room 105, Office, 1470 Madison Avenue, New York, NY 10029

Tel: 212-654-0314, Fax: 646-537-6599

Research: The Hurd Laboratory

The research group investigates the neurobiology underlying drug abuse and related psychiatric disorders. The work is focused on the systematic study of the human brain of drug abusers and subjects with psychiatric disorders in relation to opioid neuropeptide, cannabinoid and dopamine neuronal systems. Drug abuse and, e.g., major depression are associated with alterations of mood, cognition, and motivation, thus an important goal is to identify and map specific genes in the mesocorticolimbic system, which regulate emotional function. Techniques such as in situ hybridization, RT-PCR, DNA microarray, in vitro autoradiography, and general biochemical assays are used for the detailed analyses of genes, and respective protein products, in discrete mesocorticolimbic brain areas. Molecular, biochemical, and in vivo studies of



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Matchmaker Results: Reach Out to NIH Staff in Your Research Area

- Matchmaker summarizes the projects by the program official, institute or center, review panel, and activity code to help you plan your application

PROGRAM OFFICIALS

418 Program Official(s) from the matched projects. (500 projects maximum)

Matching Text: The research group investigates the neurobiology underlying drug abuse and related psychiatric disorders. The work is focused on the systematic... more

Exclude Subprojects: Fiscal Year (FY): Active Projects: Submit

Click on chart labels to filter search results by the Institute/Center or Activity Code

INSTITUTE / CENTER

Institute/Center	Program Official
NIMH	30
NIDA	25
NINDS	15
NIGMS	10
NIAAA	10
NICHD	5

ACTIVITY CODE

Activity Code	Program Official
R01	70
R21	30
R00	15
U01	10
K01	5
F31	5

Records per page: 25 1 of 5 Data List

Program Official	IC	Contact Information	Projects
BOLLOCK, JONATHAN D	NIDA	Click to view PO email address	20
LIU, JY	NIDA	Click to view PO email address	18
ARGUELLO, ALEXANDER	NIMH	Click to view PO email address	13
BARBOUR, JAMES	NIDA	Click to view PO email address	13
VAHT, VEEB, ASHLEE V	NIMH	Click to view PO email address	12
SIMMONS, JANNIE M	NIMH	Click to view PO email address	11
SORENSEN, ROGER	NIDA	Click to view PO email address	10
BATTERLEE, JOHN B	NIDA	Click to view PO email address	9
BARCOLO, BETH	NIDA	Click to view PO email address	9
ROSSI, ANDREW	NIMH	Click to view PO email address	8

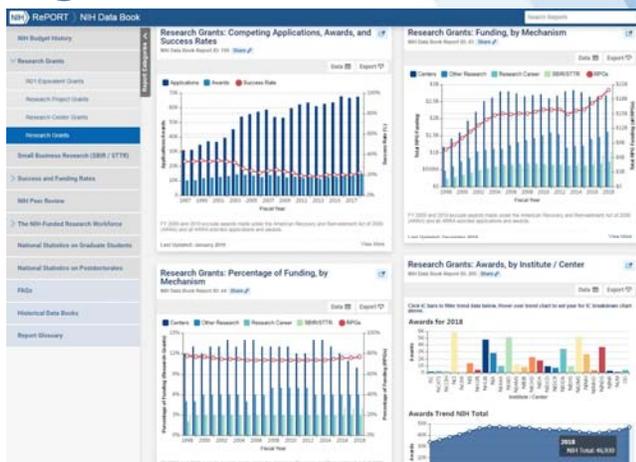


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NIH Data Book: Which Programs Should I Apply for? What Are My Chances of Getting Funded?

The NIH Data Book summarizes answers to the most commonly asked questions about the NIH budget and extramural programs.

Data come from multiple sources, and are updated annually.



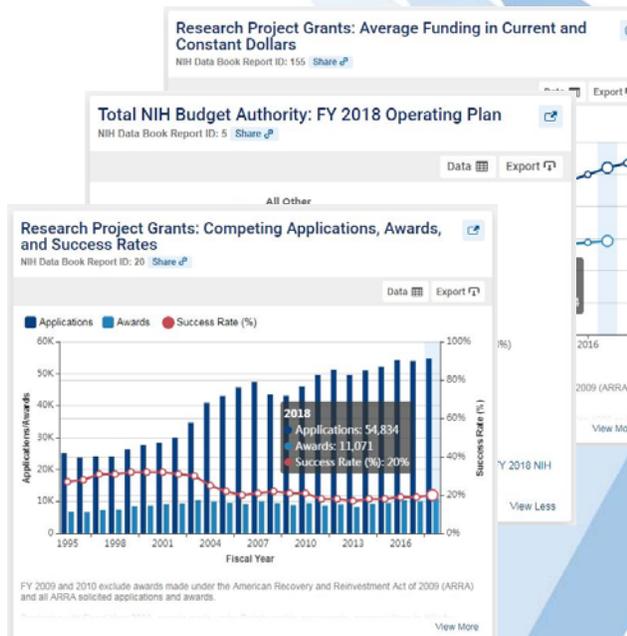
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NIH Data Book Examples

Dozens of charts and tables in areas of Budget, Research Grants, Small Business, Success Rates, Funding Rates, and the NIH-Funded Workforce.

Charts and data are exportable for re-use.



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Easily Find the Data You're Looking For

Streamlined to help you find what you're looking for:

- Built-in search
- Interactive visualizations
- View different subsets of data

success rates

SBIR Grants: **Success Rates** of Competing Applications, by Phase
Report ID: 96

R01-Equivalent Grants: **Success Rates**, by Gender and Type of Application
Report ID: 131

Research Project Grants: **Success Rates** of New (Type 1) Competing Applications for Targeted and Untargeted Research
Report ID: 157

Research Grants: Competing Applications, Awards, and **Success Rates**
Report ID: 159

SBIR Grants, Phase I: Competing Applications, Awards, and **Success Rates**
Report ID: 115

R01-Equivalent grants: Competing Applications, Awards, and **Success rates**
Report ID: 29

SBIR Grants, Phase II: Competing Applications, Awards, and **Success Rates**
Report ID: 116

Research Center Grants: Competing Applications, Awards, and **Success Rates**
Report ID: 225

Fast Track SBIR Grants: Competing Applications, Awards, and **Success Rates**
Report ID: 272



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NIH Awards by Location: Easily Explore Funding to Your Organization

- Year by year funding to organizations, states, and foreign countries
- Explore geographical relationships in funding
- Uses frozen data for past fiscal years

Project Number	Project	Organization	Admin IC	Direct Cost	Indirect Cost	Funding
15010510439-01	Mechanism of ASG-mediated neuronal death	MOREHOUSE SCHOOL OF MEDICINE	NINDS	\$232,250	\$90,838	\$323,107
1521261081917-01	Visualize the complex neural network in vivo. A tool for real-time imaging and systematic characterization of the mammalian cortex	MOREHOUSE SCHOOL OF MEDICINE	NINDS	\$125,000	\$52,500	\$177,500
1533501121448-01	Rules of axonal arborization in the cerebellar slice	MOREHOUSE SCHOOL OF MEDICINE	NIGMS	\$280,000	\$98,700	\$378,700
15C1501121288-01	Define the role of stress in resilience to social stress	MOREHOUSE SCHOOL OF MEDICINE	NIGMS	\$250,000	\$80,572	\$330,572
15C200112493-01	UNCOVERING BIOLOGICAL MARKERS OF KEESESE BIPOLE IN SHEP WORKERS	MOREHOUSE SCHOOL OF MEDICINE	NIGMS	\$100,000	\$42,000	\$142,000
15C300112428-01A1	The Role of TRPM7 in Regulation of Malicain Glutamate	MOREHOUSE SCHOOL OF MEDICINE	NIGMS	\$75,000	\$31,500	\$106,500
15C300112283-01A1	A Cholesterol metabolite functions as an endogenous neuroprotectant through blockade of ASG	MOREHOUSE SCHOOL OF MEDICINE	NIGMS	\$75,000	\$31,500	\$106,500
2054M02802-31A1	Center for Translational Research in Health Disparities	MOREHOUSE SCHOOL OF MEDICINE	NIMHD	\$3,139,300	\$1,179,725	\$4,319,105
2013M0312458-01S1	RCM Translational Science 2017 Collaborative Grants Educate Community	MOREHOUSE SCHOOL OF MEDICINE	NIMHD	\$10,000		\$10,000

PI Name	Awards	Funding
AKHONBARE, FELIX O	1	\$106,500
BABA, KENICHI	1	\$142,000
BOND, VINCENT G	1	\$4,319,105
CASTRANO, CERVANTES OSCAR	1	\$142,000
DAVIDSON, ALEC J	2	\$511,250
DEBBYNE, JASON P	1	\$378,700
DESS, ADEL	1	\$135,619
EHLSEN, JOHN CHRISTOPHER	1	\$330,572
EXO, FRANCIS O	1	\$437,300
HARDY, DALE	1	\$136,026
HARRISON-CRIVANES, SANDRA	1	\$43,919
KATYAG, SANTOSH KUMAR	1	\$292,343
LENO, THANDON	1	\$106,500
LELLARD, JAMES W	1	\$1,090,183
LIU, DONG	1	\$353,750
LIU, MINGSHU	1	\$106,500
LO, WOO-KUEN K	1	\$331,375



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Federal RePORTER: What Other Agencies Fund Research Like Mine?

- [Federal RePORTER](#) combines funded project information from the NIH and other federal research agencies
- Run a simple text search from the homepage, or use an advanced search form with more options similar to RePORTER

Summary

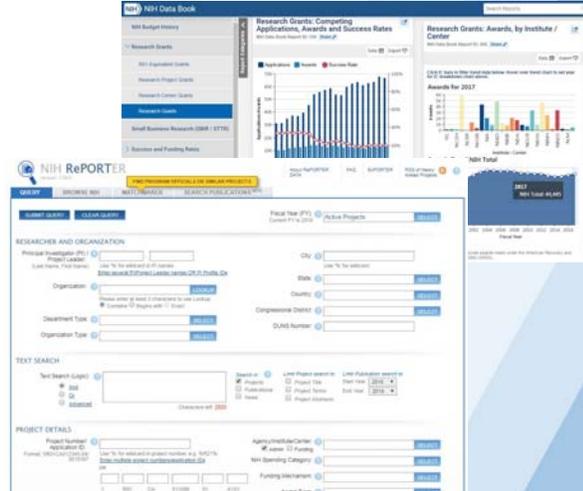
- ✓ Which ICs have scientific priorities that align with my research ideas? [RePORTER text search \(Data & Visualize tab\)](#) or [Matchmaker \(summary by IC\)](#)
- ✓ What is the NIH already funding in my research area? [RePORTER text search](#)
- ✓ What results already came out of those projects? [RePORTER search results \(tabs for Publications, Patents, Clinical Studies, etc.\)](#)
- ✓ How can I find a relevant point of contact at NIH to discuss my research ideas? [Matchmaker \(Similar POs\)](#)
- ✓ How can I find collaborators? [RePORTER](#), [Federal RePORTER](#), or [Matchmaker](#)
- ✓ Which types of programs should I apply for, and what are my chances of getting funded? [NIH Data Book](#)
- ✓ What are other PIs at my institution working on? [NIH Awards by Location](#)
- ✓ Do other federal agencies support research like mine? [Federal RePORTER](#)

Modernizing RePORT and RePORTER

Modernizing the RePORT platform to take advantage of new technologies for faster and more interactive approaches to data exploration

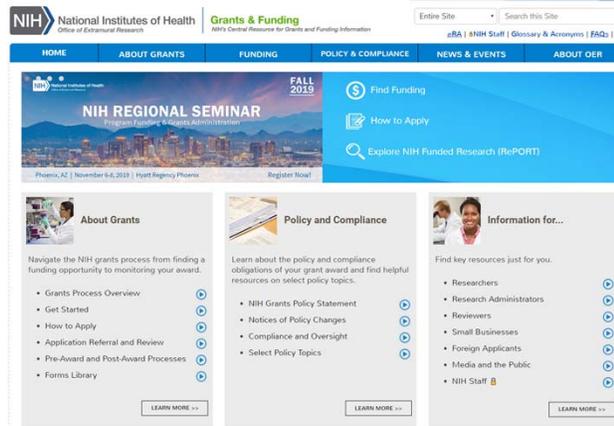
- Data Book now has interactive data visualizations and configuration options
- RePORTER will be faster and easier to use, similar to Federal RePORTER
- Other tools will also be redesigned

Let us know how we can improve these tools!



Other Resources for Understanding the Grants Process

- More information to guide you through the application process can be found at <https://grants.nih.gov>



Thank You

Need Help? RePORT@mail.nih.gov

Websites

RePORT:	https://report.nih.gov
RePORTER:	https://projectreporter.nih.gov
Federal RePORTER:	https://federalreporter.nih.gov

