



Analyzing and utilizing NIH award data

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UNIVERSITY



What decisions can be informed through the use of NIH data?

**Selection of home IC
Selection of study section
Selection of program officer
Preparing for future proposals**



Institute and Center (IC) abbreviations

AA	NIH National Institute on Alcohol Abuse and Alcoholism (NIAAA)
AG	NIH National Institute on Aging (NIA)
AI	NIH National Institute of Allergy and Infectious Diseases (NIAID)
AR	NIH National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS)
AT	NIH National Center for Complementary and Integrative Health (NCCIH)
CA	NIH National Cancer Institute (NCI)
DA	NIH National Institute on Drug Abuse (NIDA)
DC	NIH National Institute on Deafness and Other Communication Disorders (NIDCD)
DE	NIH National Institute of Dental & Craniofacial Research (NIDCR)
DK	NIH National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)
EB	NIH National Institute of Biomedical Imaging and Bioengineering (NIBIB)
ES	NIH National Institute of Environmental Health Sciences (NIEHS)
EY	NIH National Eye Institute (NEI)



Institute and Center (IC) abbreviations

GM	NIH National Institute of General Medical Sciences (NIGMS)
HD	NIH Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)
HG	NIH National Human Genome Research Institute (NHGRI)
HL	NIH National Heart, Lung and Blood Institute (NHLBI)
LM	NIH National Library of Medicine (NLM)
MD	NIH National Institute on Minority Health and Health Disparities (NIMHD)
MH	NIH National Institute of Mental Health (NIMH)
NR	NIH National Institute of Nursing Research (NINR)
NS	NIH National Institute of Neurological Disorders and Stroke (NINDS)
RM	NIH Roadmap
RR	National Center for Research Resources (NCRR) (dissolved 12/2011)
TR	NIH National Center for Advancing translational Sciences (NCATS)
TW	NIH Fogarty International Center (FIC)



R01

NIH Research Project Grant Program (R01)

- Used to support a discrete, specified, circumscribed research project
- NIH's most commonly used grant program
- No specific dollar limit unless specified in FOA
- Advance permission required for \$500K or more (direct costs) in any year
- Generally awarded for 3 -5 years
- Utilized by all ICs
- See parent FOA: [PA-16-160](#)

R03

NIH Small Grant Program (R03):

- Provides limited funding for a short period of time to support a variety of types of projects, including: pilot or feasibility studies, collection of preliminary data, secondary analysis of existing data, small, self-contained research projects, development of new research technology, etc.
- Limited to two years of funding
- Direct costs generally up to \$50,000 per year
- Not renewable
- Utilized by more than half of the NIH ICs
- See parent FOA: [PA-16-162](#)



R21

NIH Exploratory/Developmental Research Grant Award (R21)

- Encourages new, exploratory and developmental research projects by providing support for the early stages of project development. Sometimes used for pilot and feasibility studies.
- Limited to up to two years of funding
- Combined budget for direct costs for the two year project period usually may not exceed \$275,000.
- No preliminary data is generally required
- Most ICs utilize
- See parent FOA: [PA-16-161](#)

R34

NIH Clinical Trial Planning Grant (R34) Program

- Designed to permit early peer review of the rationale for the proposed clinical trial and support development of essential elements of a clinical trial
- Usually project period of one year, sometimes up to 3
- Usually, allows for a budget of up to \$100,000 direct costs, sometimes up to \$450,000
- Used only by select ICs; no parent FOA



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helped establish the NIDCD

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The RePORT Expenditures and Results Tool (RePORTER)

Search a repository of NIH-funded research projects and access publications and patents resulting from that funding.



RePORTER

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REPORT

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.

Spotlight

[NIH Categorical Spending \(RCDC\) for FY2017](#) now available, highlighting the annual support level for various research activities and diseases categories based on grants, contracts, and other funding.



NIH
RePORTER

[ADVANCED SEARCH](#)

Institute/Center:	Fiscal Year:	Principal Investigator: (Last Name, First Name)
ALL	ACTIVE	<input type="text"/>
NCI	2019	<input type="text"/>
NEI	2018	<input type="text"/>
NHLBI	2017	<input type="text"/>
NHGRI	2016	<input type="text"/>
NIA	2015	<input type="text"/>
NIAAA	2014	<input type="text"/>

(Dollars in Thousands)	FY 2017 Final	FY 2018 Annualized CR	FY 2019 President's Budget
NCI.....	\$5,659,955	\$5,650,693	\$5,626,312
NHLBI.....	\$3,209,929	\$3,184,813	\$3,112,032
NIDCR.....	\$424,797	\$422,860	\$413,196
NIDDK ¹	\$2,009,504	\$2,007,892	\$1,965,434
NINDS.....	\$1,778,688	\$1,771,541	\$1,838,556
NIAID.....	\$4,905,718	\$4,873,317	\$4,761,948
NIGMS ²	\$2,646,152	\$2,632,836	\$2,572,669
NICHD.....	\$1,376,608	\$1,370,921	\$1,339,592
NEI.....	\$731,212	\$727,643	\$711,015
NIEHS ³	\$790,018	\$786,234	\$747,166
NIA.....	\$2,048,814	\$2,034,698	\$1,988,200
NIAMS.....	\$556,606	\$554,063	\$545,494
NIDCD.....	\$435,904	\$433,908	\$423,992
NIMH.....	\$1,604,658	\$1,591,052	\$1,612,192
NIDA.....	\$1,070,846	\$1,083,445	\$1,137,403
NIAAA.....	\$482,451	\$480,080	\$469,109
NINR.....	\$149,937	\$149,252	\$145,842
NHGRI.....	\$528,346	\$524,977	\$512,979
NIBIB.....	\$356,981	\$354,655	\$346,550
NIMHD.....	\$287,670	\$287,106	\$280,545
NCCIH.....	\$134,389	\$133,774	\$130,717
NCATS.....	\$704,330	\$701,109	\$685,087
FIC.....	\$71,852	\$71,723	\$70,084
NLM.....	\$406,604	\$404,743	\$395,493
B&F.....	\$128,567	\$127,988	\$200,000
OD.....	\$1,728,603	\$1,706,132	\$2,004,306

NIH Institutes		Activity Code	Number Reviewed	Number Awarded	Success Rate ³	Total Funding ⁴
NCI		R21	1,901	153	8.0%	\$30,515,060
NHLBI		R21	333	35	10.5%	\$5,483,504
NIDCR		R21	220	22	10.0%	\$4,973,237
NIDDK		R21	407	30	7.4%	\$6,810,635
NINDS		R21	1,344	188	14.0%	\$44,525,922
NIAID		R21	2,550	408	16.0%	\$92,462,775
NIGMS		R21	3	3	100.0%	\$549,332
NICHD		R21	1,194	152	12.7%	\$34,694,103
NEI		R21	323	49	15.2%	\$11,260,172
NIEHS		R21	336	37	11.0%	\$8,696,641
NIA		R21	865	186	21.5%	\$43,408,922
NIAMS		R21	570	79	13.9%	\$15,852,639
NIDCD		R21	266	56	21.1%	\$11,150,098
NIMH		R21	678	120	17.7%	\$27,124,729
NIDA		R21	539	109	20.2%	\$24,411,427
NIAAA		R21	275	46	16.7%	\$9,847,715
NINR		R21	253	10	4.0%	\$2,359,940
NHGRI		R21	83	14	16.9%	\$3,617,712
NIBIB		R21	860	73	8.5%	\$15,822,295
NCCIH		R21	64	4	6.3%	\$647,308
NIMHD		R21	139	18	12.9%	\$4,232,327
FIC		R21	158	13	8.2%	\$2,570,409
NLM		R21	46	6	13.0%	\$1,172,743
NCATS		R21	11	4	36.4%	\$927,852
OD ORIP-SEPA†		R21	75	11	14.7%	\$2,306,984



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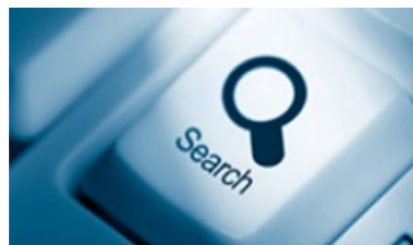
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Funding

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Funding

NIH offers funding for many types of grants, contracts, and even programs that help repay loans for researchers. Learn about the programs, as well as about NIH's budget process, grant funding strategies, and policies, and more.



Grants (NIH Guide to Grants and Contracts)

The NIH Guide for Grants and Contracts is our official publication for NIH grant policies, guidelines and funding opportunities. We publish daily, and issue a table of contents weekly. [Learn more](#) about the NIH Guide and [subscribe today!](#)

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(for unsolicited applications)

Search for funding opportunities and notices



Contracts

Interested in exploring opportunities at NIH for research and development contract funding? Learn the basics of how contracts differ from grants, how you can find solicitations and submit your proposal, how they are submitted and evaluated, and more.

Disciplines	040			
Notice of Clarification Regarding Letters of Support for PAR-17-025, "Aging Research Dissertation Awards to Increase Diversity (R36)"	NOT-AG-18-037	NIA	Oct 29, 2018	N/A
Notice of Intent to Publish Parent Funding Opportunity Announcements for Basic Experimental Studies with Humans	NOT-OD-19-024	NIH	Oct 26, 2018	N/A
Countermeasures Against Chemical Threats (CounterACT): Identification of Therapeutic Lead Compounds (U01 Clinical Trial Not Allowed)	PAR-19-039	NINDS	Oct 26, 2018	Sep 15, 2021
Countermeasures Against Chemical Threats (CounterACT): Optimization of Therapeutic Lead Compounds (U01 Clinical Trial Optional)	PAR-19-040	NINDS	Oct 26, 2018	Sep 15, 2021
Early Screening for Autism Spectrum Disorder (R01 Clinical Trial Not Allowed)	RFA-MH-19-120	NIMH	Oct 25, 2018	Feb 5, 2019
Early Screening for Autism Spectrum Disorder (R21 Clinical Trial Not Allowed)	RFA-MH-19-121	NIMH	Oct 25, 2018	Feb 5, 2019
Emerging Global Leader Award (K43 Independent Clinical Trial Required)	PAR-19-038	FIC	Oct 25, 2018	Nov 5, 2020
Changes in NIGMS Support of Integrated Predoctoral Dual-degree M.D.-Ph.D. Training through the Medical Scientist Training Program	NOT-GM-18-047	NIGMS	Oct 25, 2018	N/A

Part 1. Overview Information

Participating Organization(s)	National Institutes of Health (NIH)
Components of Participating Organizations	National Institute of Neurological Disorders and Stroke (NINDS) National Eye Institute (NEI) National Institute of Arthritis and Musculoskeletal and Skin Diseases National Institute on Drug Abuse (NIDA) National Institute of Environmental Health Sciences (NIEHS)
Funding Opportunity Title	Countermeasures Against Chemical Threats Identification of Therapeutic Leads for Chemical Threats (Preclinical Studies Only) (Phase I) (Trial Not Allowed)
Activity Code	U01 Research Project – Cooperative Agreements
Announcement Type	Reissue of PAR-16-330
Related Notices	None
Funding Opportunity Announcement (FOA) Number	PAR-19-039
Companion Funding Opportunity	PAR-18-721, R21 Exploratory/Developmental Grant PAR-18-657, U54 Specialized Center - Cooperative Agreements PAR-19-040, U01 Research Project – Cooperative Agreements PAR-19-040 - U01 Research Project – Cooperative Agreements
Number of Applications	See Section III. 3. Additional Information on Eligibility.
Catalog of Federal Domestic Assistance (CFDA)	93.853; 93.867; 93.846; 93.113; 93.279

[FIND PROGRAM OFFICIALS OR SIMILAR PROJECTS](#)

QUERY

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MATCHMAKER

SEARCH PUBLICATIONS ^{BETA}

SUBMIT QUERY

CLEAR QUERY

Fiscal Year (FY):
Current FY is 2019

Active Projects

SELECT

RESEARCHER AND ORGANIZATION

Principal Investigator (PI) /
Project Leader:

(Last Name, First Name)

Use '%' for wildcard in PI names

[Enter several PI/Project Leader names OR PI Profile IDs](#)

City:

Use '%' for wildcard

Organization:

LOOKUP

Please enter at least 3 characters to use Lookup.

☒ Contains ☐ Begins with ☐ Exact

State:

SELECT

Country:

SELECT

Department Type:

SELECT

Congressional District:

SELECT

Organization Type:

SELECT

DUNS Number:

TEXT SEARCH

Text Search (Logic):

- ☒ [And](#)
☐ [Or](#)
☐ [Advanced](#)

Characters left: 2500

Search in

- ☒ Projects
☐ Publications
☐ News

Limit Project search to

- ☐ Project Title
☐ Project Terms
☐ Project Abstracts

Limit Publication search to

Start Year

End Year

PROJECT DETAILS

Project Number/
Application ID:Format: 5R01CA012345-04/
8515397

Use '%' for wildcard in project number, e.g. %R21%

[Enter multiple project numbers/application IDs](#)

Agency/Institute/Center:

- ☒ Admin ☐ Funding

SELECT

NIH Spending Category:

SELECT

PROJECT DETAILS

Project Number/
Application ID: ?
Format: 5R01CA012345-04/
8515397
Use '%' for wildcard in project number, e.g. %R21%
[Enter multiple project numbers/application IDs](#)
OR

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
1	R01	CA	811099	01	A1S1

Program Officer (PO): , ?
(Last Name, First Name)
Use '%' for wildcard

Project Start Date: >= ?
Format: mm/dd/yyyy

Project End Date: <= ?
Format: mm/dd/yyyy

Award Notice Date: > ▼ ?
Format: mm/dd/yyyy

Agency/Institute/Center: ?
☒ Admin ☐ Funding

NIH Spending Category: ?

Funding Mechanism: ?

Award Type: ?

Activity Code: ?

Study Section: ?

Standing CSI

FOA: ?
Format: RFA-IC-09-003
or PA-09-003
20 entry max
[Funding Opp](#)

ADDITIONAL FILTERS

NIH (non) ARRA Selection: ?

Award Size: > ▼ ?
Only for NIH and CDC

ClinicalTrials.gov ID: ?
Format: NCT00000419
5 entry maximum separated by commas.

Newly Added Projects Only: ☐ ?
Projects added since
09/24/2016

Exclude Subprojects: ☐ ?

Multi-PI Only: ☐ ?

There were 7 results matching your search criteria .

Click on the column header to sort the results

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
<input type="checkbox"/>	5	U01	ES028182	02		TARGETING CARDIOPULMONARY CALPAINS TO MITIGATE TOXICITY OF HALOGEN GASES.	AHMAD, SHAMA et al.	UNIVERSITY OF ALABAMA AT BIRMINGHAM	2018	NIEHS	OD
<input type="checkbox"/>	1	U01	NS102135	01A1		ANTI-GLUTAMATERGIC THERAPY TO PROTECT THE IMMATURE BRAIN AGAINST NERVE AGENTS	BRAGA, MARIA F.	HENRY M. JACKSON FDN FOR THE ADV MIL/MED	2018	NINDS	OD
<input type="checkbox"/>	1	U01	NS107127	01		IDENTIFICATION OF NOVEL BRAIN-PENETRATING PHENOXYALKYL PYRIDINIUM OXIME COUNTERMEASURES	CHAMBERS, JANICE ELAINE	MISSISSIPPI STATE UNIVERSITY	2018	NINDS	OD
<input type="checkbox"/>	5	U01	NS102131	02		NEUROSTEROIDS AS A STANDARD MEDICAL COUNTERMEASURE FOR OP POISONING	GEE, KELVIN W. et al.	UNIVERSITY OF CALIFORNIA-IRVINE	2018	NINDS	OD
<input type="checkbox"/>	5	U01	ES028187	02		TIE2 ACTIVATION FOR THE TREATMENT OF CHEMICAL-INDUCED ACUTE LUNG INJURY	KONTOS, CHRISTOPHER D	DUKE UNIVERSITY	2018	NIEHS	OD
<input type="checkbox"/>	1	U01	NS109793	01A1		CYANIDE/AZIDE DETOXIFICATION BY NEW COBALT COMPLEXES AND NO DONORS	PETERSON, JAMES et al.	UNIVERSITY OF PITTSBURGH AT PITTSBURGH	2018	NINDS	OD
<input type="checkbox"/>	1	U01	NS102101	01A1		ANTICHOLINERGIC AND ANTI-EPILEPTIC THERAPIES FOR CHLORINE TOXICITY	VERESS, LIVIA AGNES	UNIVERSITY OF COLORADO DENVER	2018	NINDS	OD

Project Information?

[Back to Query Form](#)[Back to Search Results](#)[Print](#)

5U01ES028182-02

Project 1 of 7

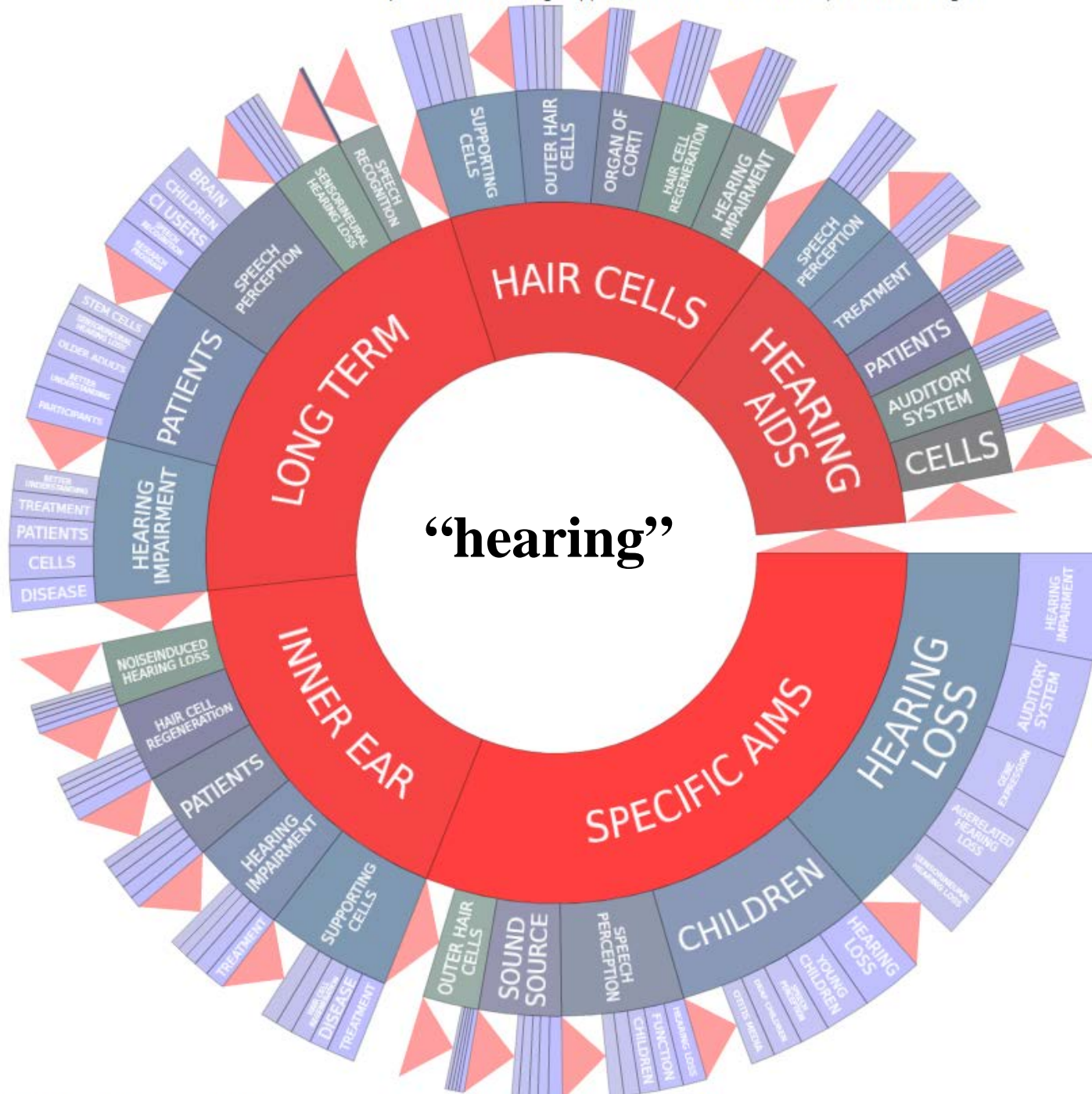
NEXT

PI PROFILE LINKS
MORE INFO

DESCRIPTION	DETAILS	RESULTS	HISTORY	SUBPROJECTS	SIMILAR PROJECTS	NEARBY PROJECTS <small>BETA</small>	LINKS	NEWS AND MORE
Project Number: 5U01ES028182-02					Contact PI / Project Leader: AHMAD, SHAMA			
Title: TARGETING CARDIOPULMONARY CALPAINS TO MITIGATE TOXICITY OF HALOGEN GASES.					Awardee Organization: UNIVERSITY OF ALABAMA AT BIRMINGHAM			
Contact PI / Project Leader Information:			Program Official Information:			Other PI Information: Profile Exists No P		
Name: AHMAD, SHAMA			Name: NADADUR, SRIKANTH			DELL'ITALIA, LOUIS J.		
Email: Click to view Contact PI / Project Leader email address			Email: Click to view PO email address					
Title: ASSOCIATE PROFESSOR								
Organization:					Department Type/ Organization Type:		Congressional District:	
Name: UNIVERSITY OF ALABAMA AT BIRMINGHAM					ANESTHESIOLOGY		State Code: AL	
City: BIRMINGHAM Country: UNITED STATES (US)					SCHOOLS OF MEDICINE		District: 07	
Other Information:								
FOA: PAR-16-330			DUNS Number: 063690705			CFDA Code: 113		
Study Section: Special Emphasis Panel [ZRG1-MDCN-B (50)R]			Project Start Date: 15-AUG-2017			Project End Date: 31-JUL-2020		
Fiscal Year: 2018 Award Notice Date: 1-AUG-2018			Budget Start Date: 1-AUG-2018			Budget End Date: 31-JUL-2019		
Administering Institutes or Centers:								
NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES								
Project Funding Information for 2018:								
Total Funding: \$394,553					Direct Costs: \$275,000		Indirect Costs: \$119,553	
Year	Funding IC					FY Total Cost by IC		
2018	OFFICE OF THE DIRECTOR, NATIONAL INSTITUTES OF HEALTH					\$394,553		



Tip: to zoom in on a group, double click it. To zoom out, double click again.



What awards have been made from a given study section?

RePORTER - NIH Research Portfolio...

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NATIONAL INSTITUTES OF HEALTH
Research Portfolio Online Reporting
REPORTS, DATA AND ANALYSES OF NIH RESEARCH ACTIVITIES

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NIH ARRA Projects Only:

Term Search:

Logic: ☒ And ☐ Or

Hint: Multiple term
with a space. Yc
quotes) for exac

Project Title:

Project Number:

Format: 5R01CA012345-04

Use '%' for wildc
[Enter multiple pro](#)

Principal Investigator:

(Last Name, First Name)

Organization:

DUNS Number:

Use '%' for wildcard

RePORTER Query Form Options - Windows Internet Explorer

http://projectreporter.nih.gov/reportQFOptions.cfm?opt=IRG



NIH RESEARCH PORTFOLIO ONLINE REPORTING TOOLS (RePORT)

Select Options

- ☒ All Study Sections
 - ☒ Regular Standing Study Sections
 - ☒ AARR - AIDS and Related Research
 - ☒ BBBP - Biobehavioral and Behavioral Processes
 - ☒ BCMB - Biological Chemistry and Macromolecular Biophysics
 - ☒ BDA - Biology of Development and Aging
 - ☒ BDCN - Brain Disorders and Clinical Neuroscience
 - ☒ BST - Bioengineering Sciences and Technologies
 - ☒ CB - Cell Biology
 - ☒ CVRS - Cardiovascular and Respiratory Sciences
 - ☒ DKUS - Digestive, Kidney and Urological Systems
 - ☒ EMNR - Endocrinology, Metabolism, Nutrition and Reproductive Sciences
 - ☒ ETTN - Emerging Technologies and Training in Neurosciences
 - ☒ GGG - Genes, Genomes and Genetics

SELECT

RESET

CANCEL

Done

? Study Section:

All

SELECT

? RFA/PA:

Format: RFA-IC-09-003
or PA-09-003

Use '%' for wildcard

[Funding Opportunities and Notices](#)



**What ideas or fields are funded by
the NIH in general and an institute in
specific?**

**Council reports
Director's budget requests
RePORTER data
Program officer**

Center and pick “Concepts, Potential Funding Opportunities” as a topic of interest.

DAIDS	DAIT	DMID	Trans-Divisional
September 2016	September 2016	September 2016	None
June 2016	June 2016	June 2016	June 2016
January 2016	January 2016	January 2016	None
September 2015	September 2015	September 2015	September 2015
May 2015	May 2015	May 2015	None
January 2015	January 2015	January 2015	None

Concepts May Turn Into Initiatives

PROGRAM CONTACT:
Eun-Chung Park
301-496-7453
epark@niaid.nih.gov

SUMMARY STATEMENT
(Privileged Communication)

Release Date: 06/15/2010

Application Number: 1 R01 AI092571-01

Principal Investigator

PARRISH, COLIN R. PHD

Applicant Organization: CORNELL UNIVERSITY ITHACA

Review Group: ZRG1 IDM-R (03)

Center for Scientific Review Special Emphasis Panel

Member Conflict: Viruses

Meeting Date: 05/25/2010

RFA/PA: PA10-067

Council: OCT 2010

PCC: M34A

Requested Start: 12/01/2010

Project Title: Structural controls of functional receptor and antibody binding to viral capsids

SRG Action: Impact/Priority Score: 20 Percentile: 7 #

Human Subjects: 10-No human subjects involved

Animal Subjects: 30-Vertebrate animals involved - no SRG concerns noted

Project Year	Direct Costs Requested	Estimated Total Cost
1	250,000	388,910
2	250,000	388,910
3	250,000	388,910
4	250,000	388,910
5	250,000	388,910
<hr/> TOTAL	<hr/> 1,250,000	<hr/> 1,944,550

CRITIQUE 1:

Significance: 2

Investigator(s): 1

Innovation: 1

Approach: 2

Environment: 1

Overall Impact: This application is to investigate the structural and physical properties of biofilms using a wide range of novel techniques developed by the team and how these properties affect infections, antibiotic resistance, resistance to immune invasion and virulence. The proposed study is very novel in several aspects including novel techniques used, different properties to be studied, new insights into biofilm development, etc. This application has been improved substantially from the previous applications and the team has made several progresses with published records to support the current study. A few concerns still exist including coordination of the research activities, unclear description of budgets, inconsistency in description of research activities and justification of animal to be used.

1. Significance:

Strengths

- It is novel to investigate the structural and physical properties of biofilms.
- Better understanding of such properties will likely lead to develop novel control strategies.

Weaknesses

2. Investigator(s):

Strengths

- All investigators have published extensively in the areas of proposed research.

Weaknesses

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Version: 2.0.0

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CLEAR QUERY

Fiscal Year (FY): ? 2013

SELECT

Agency: ?

SELECT

RESEARCHER AND ORGANIZATION

Principal Investigator (PI) /
Project Leader: ?

(Last Name, First Name)

Use '%' for wildcard
[Enter several PI/Project Leader names](#)

Organization: ?

LOOK UP

Please enter at least 3 characters to use Lookup.

☒ Contains ☐ Begins with ☐ Exact

DUNS Number: ?

City: ?

Use '%' for wildcard

State: ?

SELECT

Country: ?

SELECT

Congressional District: ?

SELECT

TEXT SEARCH

Text Search (Logic): ?

☒ And

☐ Or