

**I blew it – my score/percentile
is awful...should I give up?**

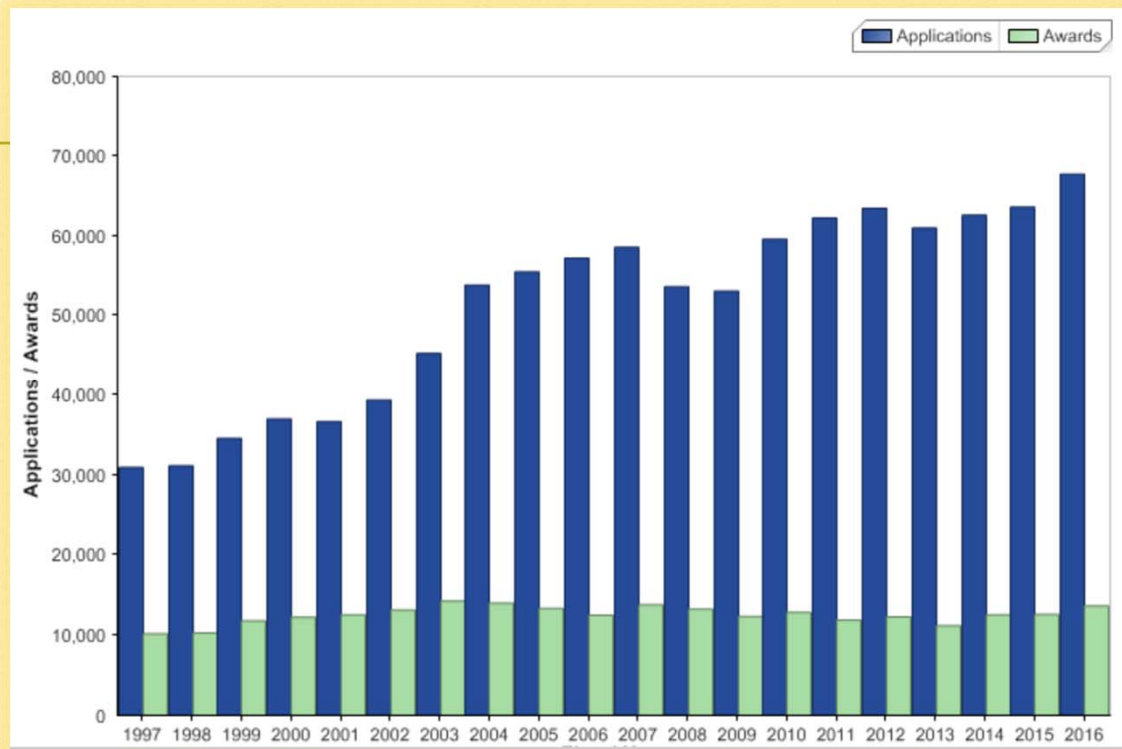
**Erik Augustson, PhD
Program Director
Tobacco Control Research Branch
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Division of Cancer Control and
Population Sciences**

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Program Analyst
Behavioral Research Program
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Population Sciences**



Getting NIH grant funding is all...

NIH Research Applications and Awards 1997-2016



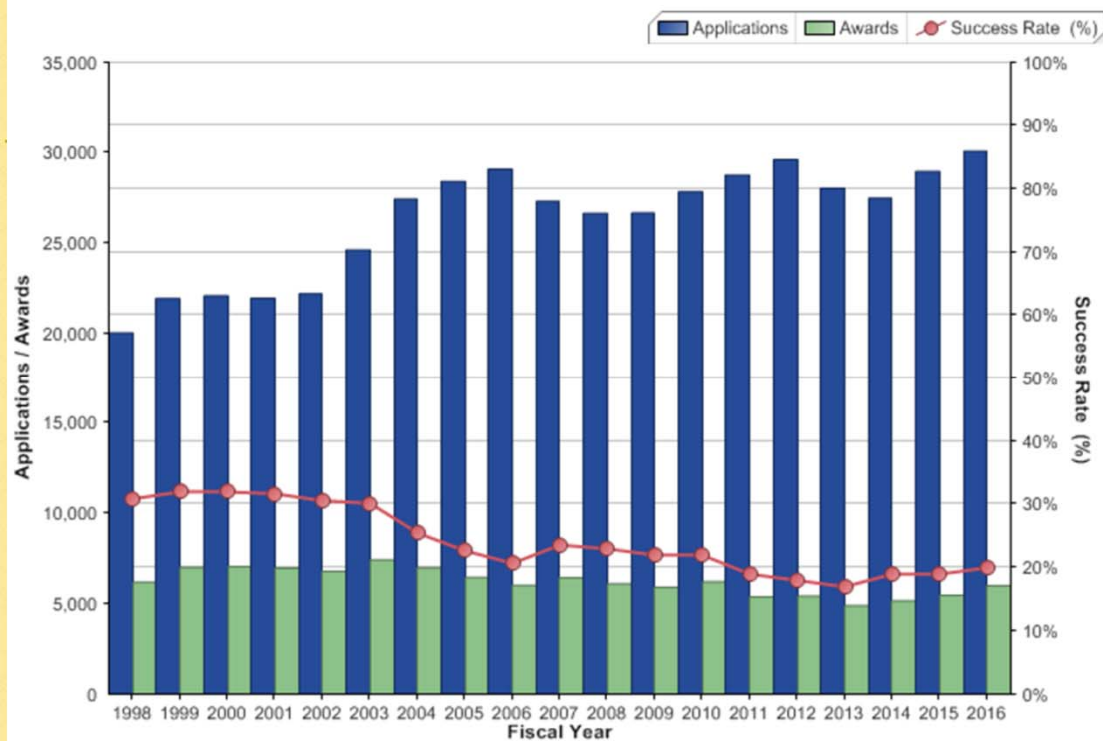
Source: The NIH E

NIH Research Applications 2006-2016

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
All Research Grants	57,258	58,612	53,676	53,132	59,658	62,267	63,504	61,013	62,641	63,648	67,766
Research Projects Grants	45,688	47,455	43,467	43,140	45,983	49,592	51,313	49,581	51,073	52,190	54,220
R01	28,931	27,168	25,890	26,523	27,719	28,656	29,515	27,939	27,399	28,873	29,968
R15	723	862	758	805	992	1,454	1,408	1,568	1,633	1,700	1,652
R21	9,934	11,396	10,649	10,320	11,241	13,145	13,743	13,229	14,331	14,360	14,657
All Other RPGs	6,100	8,029	6,170	5,492	6,031	6,337	6,647	6,845	7,710	7,257	7,943

Source: The NIH Data Book (report.nih.gov/nihdatabook)

NIH Research Grants: R01 Applications, Awards & Success Rates



Success rates are the percentage of reviewed grant applications that receive funding.

NCI 2016 Submissions / Success Rates by Mechanism

Success Rates by Activity Code

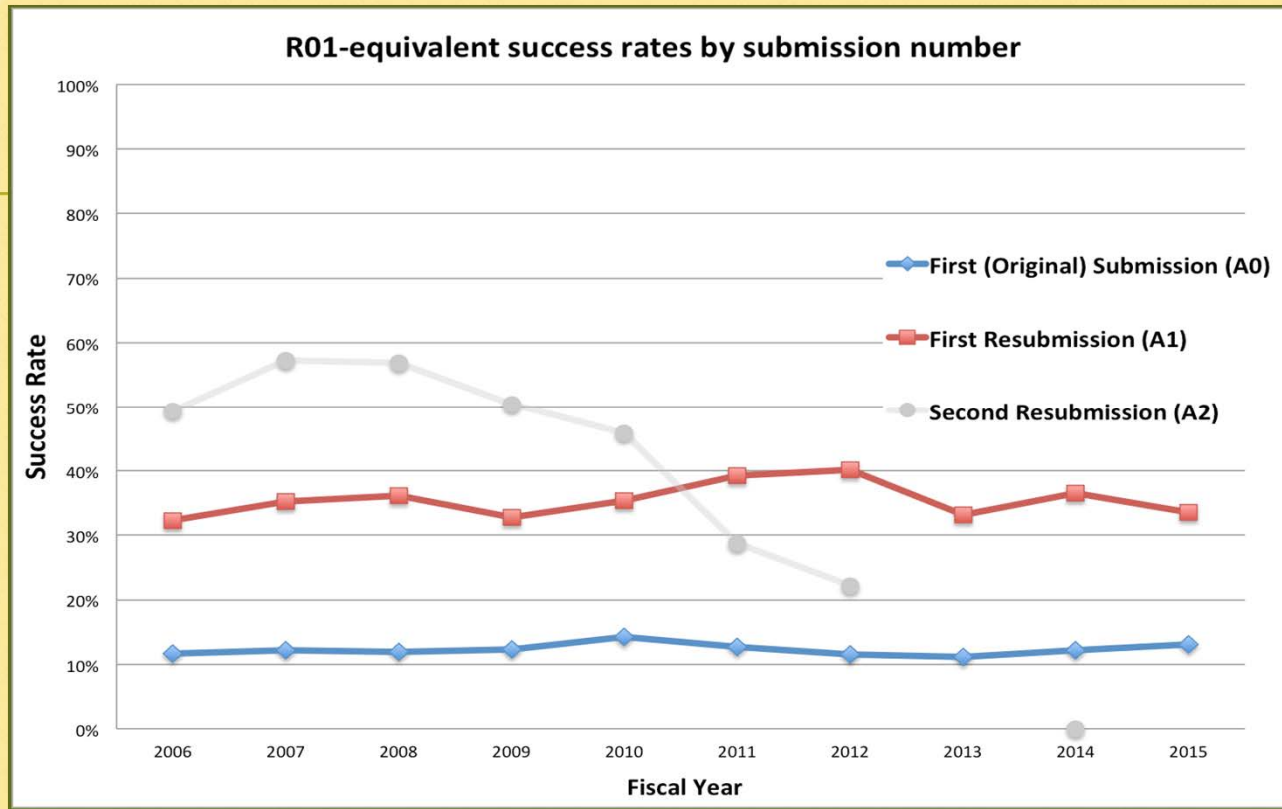
Institute or Center	Activity Code	Success Rate Base	Number Awarded	Total Cost Awarded	Success Rate	Fiscal Year
NCI	DP1	0	0	\$598,500	N/A	2016
NCI	P01	68	14	\$28,813,431	20.6%	2016
NCI	R01	5,019	695	\$316,823,089	13.8%	2016
NCI	R03	484	48	\$3,804,002	9.9%	2016
NCI	R15	233	22	\$9,284,568	9.4%	2016
NCI	R21	3,383	295	\$59,762,376	8.7%	2016
NCI	R33	77	18	\$6,828,755	23.4%	2016
NCI	R35	175	35	\$31,910,505	20.0%	2016
NCI	R50	219	34	\$5,673,890	15.5%	2016
NCI	R56	1	1	\$296,625	100.0%	2016
NCI	U01	418	43	\$35,566,026	10.3%	2016
NCI	UG3	34	0	\$0	N/A	2016
NCI	UH2	85	17	\$4,762,801	20.0%	2016
NCI	UH3	3	0	\$0	N/A	2016
NCI	UM1	11	8	\$9,045,791	72.7%	2016
Total		10,210	1,230	\$513,170,359	12.0%	

Source: The NIH Data Book (report.nih.gov/nihdatabook)

re·sil·ience

the capacity to recover
quickly from difficulties;
toughness.

NIH R01 Success Rates 2006-2015



Source: The

NCI R01 Success Rates by Type of Grant

Success Rates by Type of Grant

Institute or Center	Type of Grant	Success Rate Base	Number Awarded	Total Cost Awarded	Applications Success Rate	Fiscal Year
NCI	New	9,707	1,092	\$430,018,438	11.2%	2016
NCI	Renewal	475	129	\$76,224,010	27.2%	2016
NCI	Supplement	28	9	\$6,927,911	32.1%	2016
Total		10,210	1,230	\$513,170,359	12.0%	

Source: The NIH Data Book (report.nih.gov/nihdatabook)

Summary Statement

Program Officer

PROGRAM CONTACT:
BARBARA CROFT PH.D.
301 496-9531
erastage@mail.nih.gov

SUMMARY STATEMENT
(Privileged Communication)

Release Date: 04/04/2008
Revised Date: 01/06/2009

Application Number:

Principal Investigator

Applicant Organization:

Review Group: GCMB
Gastrointestinal Cell and Molecular Biology Study Section

Meeting Date: 03/24/2008
Council: MAY 2008
Requested Start: 07/01/2008

RFA/PA: PA01-295
PCC: 2A

Project Title:

SRG Action: Impact/Priority Score: 20 Percentile: 29
Human Subjects: 10-No human subjects involved
Animal Subjects: 10-No live vertebrate animals involved for competing appl.

Project Year	Direct Costs Requested	Estimated Total Cost
1	250,000	291,200
2	250,000	291,200
3	250,000	291,200
4	250,000	291,200
5	250,000	291,200
TOTAL	1,250,000	1,456,000

ADMINISTRATIVE BUDGET NOTE: The budget shown is the requested budget and has not been adjusted to reflect any recommendations made by reviewers. If an award is planned, the costs will be calculated by Institute grants management staff based on the recommendations outlined below in the COMMITTEE BUDGET RECOMMENDATIONS section.

EARLY STAGE INVESTIGATOR

NEW INVESTIGATOR

Impact/Priority Score
10-90 range

Percentile in
whole numbers

New Indicator for
Early Stage
Investigators

Not
Discussed!



Source: The NIH Data Book (report.nih.gov/nihdatabook)

Advice for a Successful Resubmission



Resubmission Application Requirements

<https://grants.nih.gov/grants/policy/amendedapps.htm>

Resubmission Policies – can be confusing..

<https://grants.nih.gov/grants/how-to-apply-application-guide/due-dates-and-submission-policies/submission-policies.htm>

Check the Application Due Dates

Cycles and Due Dates and Reviews Oh My..

Activity Codes	Program Description	Cycle I Due Date	Cycle II Due Date	Cycle III Due Date
R01 <i>new</i>	Research Grants	February 5	June 5	October 5
U01 <i>new</i>	Research Grants - Cooperative Agreements	February 5	June 5	October 5
K series <i>new</i>	Research Career Development	February 12	June 12	October 12
R03, R21, R33, R21/R33, R34, R36, UH2, UH3, UH2/UH3 <i>new</i>	Other Research Grants and Cooperative Agreements	February 16	June 16	October 16
R15 <i>All - new, renewal, resubmission, revision</i>	Academic Research Enhancement Award (AREA)	February 25	June 25	October 25
R01 <i>renewal, resubmission, revision</i>	Research Grants	March 5	July 5	November 5

Cycles and Due Dates and Reviews Oh My

Review and Award Cycles

	Cycle I	Cycle II	Cycle III
Application Due Dates	January 25 - May 7	May 25 - September 7	September 25 - January 7
Scientific Merit Review	June - July	October - November	February - March
Advisory Council Round	August or October *	January	May
Earliest Project <u>Start Date</u>	September or <u>December *</u>	April	July

Are you a New or Early Stage Investigator?

https://grants.nih.gov/policy/new_investigators/index.htm

- There are two designations for New Investigators at NIH. This is automatically calculated in your Commons account but **you self-report this on your application.**
- Both designations are only for **R01** applications.
- A PI is considered a New Investigator (NI) if they have not received NIH funding for a “substantial” NIH Research Award*.
- An Early Stage Investigator is a NI applying within 10 years of completing their terminal degree or medical residency.
- In a Multi-PI application all PIs must be meet the definition of NI for the application to be designated as NI or ESI.

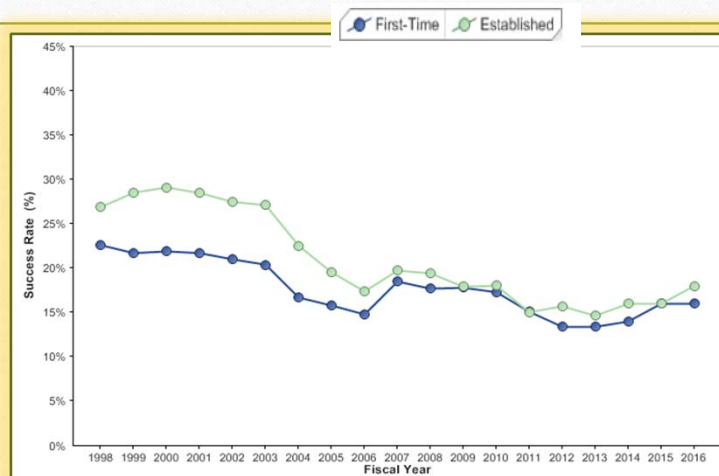
*Permitted awards are R21/R33, SBIR/STTR Fast-Track (R42, UT2, R44, U44), UH2/UH3

New and Early Stage Investigator Policies

- R01 applications from NI/ESI are clustered in review and reviewers are instructed to focus more on the proposed approach than on the track record and preliminary data that an Experienced Investigator (EI) might provide.
- Since 2014, NCI has had a higher fundable range for ESI applications (In FY2017 it was higher by 2%)
- Additional award program for NI/ESI include: Pathway to Independence Award (K99-R00) [PA-16-193](#); NIH Director's [New Innovator Award](#) (DP2); NIH Director's [Early Independence award](#) (DP5)
- New Investigators have the option for earlier (faster) resubmission. [New Investigator Resubmission Notice OD-14-050](#)

New NIH Investigators R01 Success Rates by career Stage of Investigator

In 2008, NIH implemented a policy to support New Investigators at success rates comparable to those for established investigators submitting new applications, of which Early Stage Investigators (ESIs), should comprise the majority of the New Investigators supported.



Source: The NIH Data Book (report.nih.gov/nihdatabook)

NIH Next Generation Research Initiative

<https://grants.nih.gov/ngri.htm>



National Institutes of Health
Office of Extramural Research

Grants & Funding

NIH's Central Resource for Grants and Funding Information

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- [Biosketches](#)

Submit

- [Submit, Track, and View](#)
- [How We Check for Completeness](#)
- [Changed/Corrected Applications](#)

Source: The NIH Data Book (report.nih.gov/nihdatabook)

Application Instructions	Description	View/Download
G General Instructions	Comprehensive guidance for research, training, fellowship, career development, multi-project, and small business applications	HTML / PDF
Filtered Application Instructions	Description	View/Download
R Research Instructions	Guidance for research only	PDF
K Career Development Instructions	Guidance for career development only	
T Training Instructions	Guidance for training only	
F Fellowship Instructions	Guidance for fellowship only	

