

National Institute on Aging

National Advisory Council Meeting

Annual Statistical Package 2019

Presented at the January 2020 NACA Meeting

Table IA: Applications Assigned to Councils in FY 2019

Table IB: Alzheimer's Disease Applications Assigned to Councils in FY 2019

Table II: Percentile Distribution for Research Project Grants Assigned to Councils in FY 2019

National Institute on Aging
TABLE 1A - APPLICATIONS ASSIGNED TO COUNCILS IN FY 2019*
(October 2018, January 2019, May 2019, August 2019)
(FY 2018 data included in parentheses)

Grant Type	Aging Biology		Behavioral and Social Research		Neuroscience		Geriatrics and Clinical Gerontology		Total - FY 2019		Total - FY 2018	
	Number	Dollars	Number	Dollars	Number	Dollars	Number	Dollars	Number	Dollars	Number	Dollars
Research Project	643 <i>(630)</i>	\$185,665,026 <i>(\$180,600,593)</i>	565 <i>(665)</i>	\$193,222,183 <i>(\$237,449,086)</i>	2,005 <i>(1,790)</i>	\$847,433,837 <i>(\$726,719,956)</i>	418 <i>(427)</i>	\$225,624,270 <i>(\$179,257,086)</i>	3,631	\$1,451,945,316	<i>(3,512)</i>	<i>(\$1,324,026,721)</i>
SBIR	52	\$12,829,051	98	\$29,627,814	246	\$88,751,051	84	\$23,604,685	480	\$154,812,601	<i>(344)</i>	<i>(\$87,723,400)</i>
STTR	7	\$1,869,312	17	\$3,870,298	50	\$12,783,015	10	\$3,012,321	84	\$21,534,946	<i>(75)</i>	<i>(\$19,465,737)</i>
Center	0	\$0	30	\$15,062,040	12	\$18,602,375	0	\$0	42	\$33,664,415	<i>(46)</i>	<i>(\$26,495,580)</i>
Research Career	56	\$7,085,703	63	\$9,311,222	153	\$20,675,894	52	\$8,474,442	324	\$45,547,261	<i>(274)</i>	<i>(\$36,635,299)</i>
Other Research	23	\$1,393,631	42	\$13,959,456	30	\$54,271,341	18	\$13,057,108	113	\$82,681,536	<i>(60)</i>	<i>(\$24,528,285)</i>
Training	9	\$4,084,413	3	\$1,223,758	8	\$2,249,337	4	\$976,229	24	\$8,533,737	<i>(30)</i>	<i>(\$10,972,353)</i>
Fellowship	63	\$3,150,000	24	\$1,200,000	190	\$9,500,000	8	\$400,000	285	\$14,250,000	<i>(230)</i>	<i>(\$11,500,000)</i>
Total	853 <i>(811)</i>	\$216,077,136 <i>(\$207,694,272)</i>	842 <i>(890)</i>	\$267,476,771 <i>(\$297,575,063)</i>	2,694 <i>(2,264)</i>	\$1,054,266,850 <i>(\$807,440,967)</i>	594 <i>(606)</i>	\$275,149,055 <i>(\$228,637,073)</i>	4,983	\$1,812,969,812	<i>(4,571)</i>	<i>(\$1,541,347,375)</i>

*Data from Fiscal Year 2018 are shown italicized in parentheses. October 2018 data were run on 8/6/2018, January 2019 on 12/21/2018, May 2019 on 4/17/2019, and August 2019 on 8/8/2019. Applications that had been withdrawn and contracts were not included. Dollar amounts shown are the total first-year direct costs requested. See last page for definition of NIA grant types and award mechanisms.

National Institute on Aging
TABLE 1B - ALZHEIMER'S DISEASE APPLICATIONS ASSIGNED TO COUNCILS IN FY 2019*
(October 2018, January 2019, May 2019, August 2019)
(FY 2018 data included in parentheses)

Grant Type	Aging Biology		Behavioral and Social Research		Neuroscience		Geriatrics and Clinical Gerontology		Total - FY 2019		Total - FY 2018	
	Number	Dollars	Number	Dollars	Number	Dollars	Number	Dollars	Number	Dollars	Number	Dollars
Research Project	31 <i>(55)</i>	\$13,102,296 <i>(\$25,078,087)</i>	203 <i>(292)</i>	\$74,712,962 <i>(\$139,491,976)</i>	1,769 <i>(1,593)</i>	\$872,166,209 <i>(\$728,564,022)</i>	33 <i>(17)</i>	\$43,390,337 <i>(\$6,347,028)</i>	2,036	\$1,003,371,804	<i>(1,957)</i>	<i>(\$899,481,113)</i>
SBIR	2	\$582,846	68	\$20,830,549	221	\$82,460,789	7	\$4,342,165	298	\$108,216,349	<i>(185)</i>	<i>(\$49,458,505)</i>
STTR	0	\$0	11	\$2,631,568	41	\$11,419,812	0	\$0	52	\$14,051,380	<i>(48)</i>	<i>(\$13,072,027)</i>
Center	0	\$0	7	\$3,436,352	12	\$18,602,375	0	\$0	19	\$22,038,727	<i>(22)</i>	<i>(\$10,401,209)</i>
Research Career	0	\$0	28	\$3,913,113	129	\$17,723,568	5	\$791,122	162	\$22,427,803	<i>(115)</i>	<i>(\$14,983,108)</i>
Other Research	0	\$0	9	\$6,299,949	22	\$51,796,820	0	\$0	31	\$58,096,769	<i>(16)</i>	<i>(\$10,133,653)</i>
Training	0	\$0	0	\$0	3	\$855,476	0	\$0	3	\$855,476	<i>(5)</i>	<i>(\$1,270,499)</i>
Fellowship	1	\$50,000	7	\$350,000	137	\$6,850,000	0	\$0	145	\$7,250,000	<i>(115)</i>	<i>(\$5,750,000)</i>
Total	34 <i>(56)</i>	\$13,735,142 <i>(\$25,197,695)</i>	333 <i>(404)</i>	\$112,174,493 <i>(\$170,340,674)</i>	2,334 <i>(1,976)</i>	\$1,061,875,049 <i>(\$799,027,130)</i>	45 <i>(27)</i>	\$48,523,624 <i>(\$9,984,615)</i>	2,746	\$1,236,308,308	<i>(2,463)</i>	<i>(\$1,004,550,114)</i>

*These numbers may change slightly due to false negative/positive codes on AD applications. Data from Fiscal Year 2018 are shown italicized in parentheses. October 2018 data were run on 8/6/2018, January 2019 on 12/21/2018, May 2019 on 4/17/2019, and August 2019 on 8/8/2019. Applications that had been withdrawn and contracts were not included. Dollar amounts shown are the first-year total costs requested for October Council and first-year direct costs requested for January, May, and August Councils (AD application information for October Councils is generated from a database that does not display direct costs). See last page for definition of NIA grant types and award mechanisms.

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TABLE 2 - RESEARCH PROJECT GRANT APPLICATIONS ASSIGNED TO COUNCILS IN FY 2019

October 2019, May 2019, and January 2019

Division	Number Reviewed	Percentile Interval											
		1-10		11-20		21-30		31-40		41-50		>50 and not discussed	
<u>Aging Biology</u>													
October 2019	222	24	11%	19	9%	18	8%	23	10%	25	11%	113	51%
May 2019	214	22	10%	17	8%	22	10%	18	8%	11	5%	124	58%
January 2019	187	24	13%	19	10%	4	2%	17	9%	18	10%	105	56%
Subtotal	623	70	11%	55	9%	44	7%	58	9%	54	9%	342	55%
<u>Behavioral and Social Research</u>													
October 2019	122	14	11%	13	11%	14	11%	14	11%	16	13%	51	42%
May 2019	171	12	7%	18	11%	19	11%	23	13%	13	8%	86	50%
January 2019	148	9	6%	16	11%	13	9%	17	11%	21	14%	72	49%
Subtotal	441	35	8%	47	11%	46	10%	54	12%	50	11%	209	47%
<u>Neuroscience</u>													
October 2019	484	28	6%	37	8%	42	9%	42	9%	54	11%	281	58%
May 2019	573	38	7%	49	9%	57	10%	65	11%	49	9%	315	55%
January 2019	482	22	5%	33	7%	32	7%	45	9%	57	12%	293	61%
Subtotal	1,539	88	6%	119	8%	131	9%	152	10%	160	10%	889	58%
<u>Geriatrics and Clinical Gerontology</u>													
October 2019	131	11	8%	11	8%	12	9%	15	11%	11	8%	71	54%
May 2019	109	9	8%	9	8%	10	9%	12	11%	10	9%	59	54%
January 2019	116	9	8%	15	13%	8	7%	8	7%	17	15%	59	51%
Subtotal	356	29	8%	35	10%	30	8%	35	10%	38	11%	189	53%
GRAND TOTAL (Three Council Rounds)	2,959	222	8%	256	9%	251	8%	299	10%	302	10%	1,629	55%

*Data for each Council were run prior to that Council's meeting: January 2019 on 12/21/2018, May 2019 on 4/23/2019, and October 2019 on 8/14/2019. Only applications that are normally percentiled were included. As applications in response to RFAs, and a few other applications, are not normally percentiled, the number of applications in Table 2 is usually less than the corresponding number of RPG applications in Table 1A.

**National Institute on Aging
GRANT TYPES AND AWARD MECHANISMS**

Grant Type	Mechanism	Name
Research Project (RPG)	R01	Research Project (Traditional)
	R03	Small Research Grant
	R15	Academic Research Enhancement Award (AREA)
	R21	Exploratory/Developmental Research Grant
	R33	Exploratory/Developmental Research Grant Phase II
	R34	Clinical Trial Planning Grant
	R36	Aging Research Dissertation Award to Increase Diversity
	R37	Method to Extend Research in Time (MERIT) Award
	R56	High-Priority, Short-Term Project Award
	R61	Exploratory/Developmental Research Project Grant
	RF1	Multi-Year Funded Research Project Grant
	P01	Research Program Project Grant
	U01	Research Project Cooperative Agreement
	U19	Research Program Cooperative Agreement
	UF1	Multi-Year Funded Research Project Cooperative Agreement
UH2	Exploratory/Developmental Cooperative Agreement - Phase 1	
UG3	Exploratory/Developmental Cooperative Agreement - Phase 1	
Small Business Innovation Research (SBIR)	R43	Small Business Innovation Research Grant - Phase I
	R44	Small Business Innovation Research Grant - Phase II
	SB1	Commercialization Readiness Program
Small Business Technology Transfer (STTR)	R41	Small Business Technology Transfer Grant - Phase I
	R42	Small Business Technology Transfer Grant - Phase II
Center	P30	Center Core Grant
	P50	Specialized Center Grant
Research Career	K01	Mentored Research Scientist Career Development Award
	K02	Independent Research Scientist Award
	K07	Academic Career Development Award
	K08	Mentored Clinical Scientist Research Career Development Award
	K12	Clinical Scientist Institutional Career Development Program Award
	K18	Research Career Enhancement Award for Established Investigators
	K23	Mentored Patient-Oriented Research Career Development Award
	K24	Midcareer Investigator Award in Patient-Oriented Research
K25	Mentored Quantitative Research Career Development Award	

Grant Type	Mechanism	Name
Research Career (cont.)	K26 K76 K99/R00	Midcareer Investigator Award in Biomedical and Behavioral Research Emerging Leaders Career Development Award Pathway to Independence (PI) Award
Other Research	R13 R24 R25 R38 U2C U13 U24 U54	Scientific Meeting Grant Resource-Related Research Project Grant Education Project Grant Mentored Research Pathway in Residency Resource-Related Research Multi-Component Projects and Centers Cooperative Agreement Scientific Meeting Cooperative Agreement Resource-Related Research Project Cooperative Agreement Specialized Center Cooperative Agreement
Training	T32 T35	Ruth L. Kirschstein Institutional National Research Service Award (NRSA) Ruth L. Kirschstein NRSA Short-Term Institutional Research Training Grant
Fellowship	F30 F31 F32 F33	Ruth L. Kirschstein Individual Predoctoral NRSA for MD/PhD and Other Dual Degree Fellowships Ruth L. Kirschstein Predoctoral Individual NRSA Ruth L. Kirschstein Postdoctoral Individual NRSA Ruth L. Kirschstein NRSA for Senior Fellows