

National Institute on Aging

National Advisory Council Meeting

Annual Statistical Package 2021

Presented at the January 2022 NACA Meeting

Table 1A: Applications Assigned to Councils in FY 2021

Table 1B: Alzheimer's Disease Applications Assigned to Councils in FY 2021

Table 2: Percentile Distribution for Research Project Grants Assigned to Councils in FY 2021

National Institute on Aging
TABLE 1A - APPLICATIONS ASSIGNED TO COUNCILS IN FY 2021*
(October 2020, January 2021, May 2021, August 2021)
(FY 2020 data included in parentheses)

Grant Type	Aging Biology		Behavioral and Social Research		Neuroscience		Geriatrics and Clinical Gerontology		Total - FY 2021		Total - FY 2020	
	Number	Dollars	Number	Dollars	Number	Dollars	Number	Dollars	Number	Dollars	Number	Dollars
Research Project	786 <i>(903)</i>	\$238,533,246 <i>(\$268,889,895)</i>	711 <i>(610)</i>	\$302,489,814 <i>(\$212,745,789)</i>	2698 <i>(2,301)</i>	\$1,121,736,769 <i>(\$1,047,318,927)</i>	539 <i>(417)</i>	\$188,938,628 <i>(\$185,143,145)</i>	4,734	\$1,851,698,457	<i>(4,231)</i>	<i>(\$1,714,097,756)</i>
SBIR	60	\$21,711,798	134	\$56,974,063	260	\$133,999,487	90	\$33,716,090	544	\$246,401,438	<i>(559)</i>	<i>(\$252,487,144)</i>
STTR	12	\$8,643,908	12	\$3,883,436	48	\$16,204,277	15	\$4,724,243	87	\$33,455,864	<i>(93)</i>	<i>(\$29,023,575)</i>
Center	0	\$0	7	\$20,026,062	17	\$36,642,953	11	\$11,164,898	35	\$67,833,913	<i>(88)</i>	<i>(\$101,319,073)</i>
Research Career	49	\$5,279,002	92	\$13,053,176	148	\$18,820,469	87	\$13,968,192	376	\$51,120,839	<i>(363)</i>	<i>(\$48,949,572)</i>
Other Research	41	\$44,345,336	26	\$8,807,628	49	\$44,433,863	16	\$3,255,446	132	\$100,842,273	<i>(115)</i>	<i>(\$36,341,944)</i>
Training	2	\$1,345,830	13	\$4,493,131	9	\$3,515,806	5	\$1,634,671	29	\$10,989,438	<i>(56)</i>	<i>(\$40,284,278)</i>
Fellowship	87	\$4,350,000	48	\$2,400,000	278	\$13,900,000	18	\$900,000	431	\$21,550,000	<i>(386)</i>	<i>(\$19,300,000)</i>
Total	1,037 <i>(1,139)</i>	\$324,209,120 <i>(\$322,691,074)</i>	1043 <i>(941)</i>	\$412,127,310 <i>(\$337,407,368)</i>	3,507 <i>(3,178)</i>	\$1,389,253,624 <i>(\$1,325,866,387)</i>	781 <i>(633)</i>	\$258,302,168 <i>(\$255,838,513)</i>	6,368	\$2,383,892,222	<i>(5,891)</i>	<i>(\$2,241,803,342)</i>

*Data from Fiscal Year 2020 are shown italicized in parentheses. October 2020 data were run on 8/11/2020, January 2021 on 12/23/2020, May 2021 on 4/29/2021, and August 2021 on 8/31/2021. Applications that had been withdrawn and contracts were not included.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 2021*
(October 2020, January 2021, May 2021, August 2021)
(FY 2020 data included in parentheses)

Grant Type	Aging Biology		Behavioral and Social Research		Neuroscience		Geriatrics and Clinical Gerontology		Total - FY 2021		Total - FY 2020	
	Number	Dollars	Number	Dollars	Number	Dollars	Number	Dollars	Number	Dollars	Number	Dollars
Research Project	32 <i>(40)</i>	\$12,450,087 <i>(\$16,576,721)</i>	325 <i>(275)</i>	\$163,054,583 <i>(\$121,826,042)</i>	2421 <i>(1,986)</i>	\$1,188,526,768 <i>(\$1,077,790,038)</i>	48 <i>(26)</i>	\$20,152,303 <i>(\$11,809,321)</i>	2,826	\$1,384,183,741	<i>(2,327)</i>	<i>(\$1,228,002,122)</i>
SBIR	1	\$447,378	106	\$50,505,330	239	\$130,455,233	24	\$9,508,478	370	\$190,916,419	<i>(384)</i>	<i>(\$190,362,588)</i>
STTR	2	\$322,228	10	\$3,244,523	44	\$15,063,871	1	\$395,732	57	\$19,026,354	<i>(61)</i>	<i>(\$20,521,663)</i>
Center	0	\$0	7	\$20,026,062	17	\$36,642,953	0	\$0	24	\$56,669,015	<i>(39)</i>	<i>(\$59,280,629)</i>
Research Career	3	\$380,979	56	\$7,575,599	127	\$16,574,786	15	\$2,465,664	201	\$26,997,028	<i>(191)</i>	<i>(\$25,164,347)</i>
Other Research	4	\$2,936,144	8	\$3,420,606	45	\$42,096,510	0	\$0	57	\$48,453,260	<i>(48)</i>	<i>(\$22,295,720)</i>
Training	0	\$0	2	\$466,232	6	\$2,380,516	0	\$0	8	\$2,846,748	<i>(18)</i>	<i>(\$28,474,210)</i>
Fellowship	3	\$150,000	26	\$1,300,000	220	\$11,000,000	0	\$0	249	\$12,450,000	<i>(217)</i>	<i>(\$10,850,000)</i>
Total	45 <i>(45)</i>	\$16,686,816 <i>(\$16,979,038)</i>	540 <i>(454)</i>	\$249,592,935 <i>(\$203,650,425)</i>	3,119 <i>(2,724)</i>	\$1,442,740,637 <i>(\$1,339,792,220)</i>	88 <i>(62)</i>	\$32,522,177 <i>(\$24,420,787)</i>	3,792	\$1,741,542,565	<i>(3,285)</i>	<i>(\$1,584,951,279)</i>

*These numbers may change slightly due to false negative/positive codes on AD applications. Data from Fiscal Year 2020 are shown italicized in parentheses. October 2020 data were run on 8/21/2020, January 2021 on 12/23/2020, May 2021 on 4/29/2021, and August 2021 on 8/31/2021. 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.

National Institute on Aging
TABLE 2 - RESEARCH PROJECT GRANT APPLICATIONS ASSIGNED TO COUNCILS IN FY 2021*
May 2021, January 2021, and October 2020

Division	Number Reviewed	Percentile Interval											
		1-10		11-20		21-30		31-40		41-50		>50 and not discussed	
<u>Aging Biology</u>													
May 2021	260	29	11%	30	12%	33	13%	20	8%	20	8%	128	49%
January 2021	278	32	12%	20	7%	26	9%	18	6%	22	8%	160	58%
October 2020	255	22	9%	26	10%	22	9%	37	15%	22	9%	126	49%
Subtotal	793	83	10%	76	10%	81	10%	75	9%	64	8%	414	52%
<u>Behavioral and Social Research</u>													
May 2021	201	19	9%	18	9%	10	5%	28	14%	19	9%	107	53%
January 2021	258	14	5%	26	10%	14	5%	21	8%	17	7%	166	64%
October 2020	169	20	12%	11	7%	14	8%	16	9%	18	11%	90	53%
Subtotal	628	53	8%	55	9%	38	6%	65	10%	54	9%	363	58%
<u>Neuroscience</u>													
May 2021	734	49	7%	66	9%	74	10%	69	9%	80	11%	396	54%
January 2021	992	43	4%	68	7%	60	6%	77	8%	98	10%	646	65%
October 2020	612	47	8%	66	11%	56	9%	52	8%	67	11%	324	53%
Subtotal	2338	139	6%	200	9%	190	8%	198	8%	245	10%	1366	58%
<u>Geriatrics and Clinical Gerontology</u>													
May 2021	184	14	8%	8	4%	18	10%	26	14%	18	10%	100	54%
January 2021	193	16	8%	12	6%	16	8%	13	7%	19	10%	117	61%
October 2020	117	13	11%	10	9%	10	9%	16	14%	11	9%	57	49%
Subtotal	494	43	9%	30	6%	44	9%	55	11%	48	10%	274	55%
GRAND TOTAL (Three Council Rounds)	4,253	318	7%	361	8%	353	8%	393	9%	411	10%	2,417	57%

*Data for each Council were run prior to that Council's meeting: October 2020 on 8/21/2020, January 2021 on 12/23/2020, and May 2021 on 4/29/2021. 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)	DP1	NIH Director's Pioneer Award
	DP2	NIH Director's New Innovator Award
	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
	R35	Outstanding Investigator Award
	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
	U34	Research Planning 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
	U44	Small Business Innovation Research Cooperative Agreement - Phase II
Small Business Technology Transfer (STTR)	R41	Small Business Technology Transfer Grant - Phase I
	R42	Small Business Technology Transfer Grant - Phase II
Center	P20	Exploratory Center Grant
	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

Grant Type	Mechanism	Name
Research Career (cont.)	K08 K12 K18 K23 K24 K25 K26 K76 K99/R00	Mentored Clinical Scientist Research Career Development Award Clinical Scientist Institutional Career Development Program Award Research Career Enhancement Award for Established Investigators Mentored Patient-Oriented Research Career Development Award Midcareer Investigator Award in Patient-Oriented Research Mentored Quantitative Research Career Development Award 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	D43 T32 T35	International Research Training Grant Ruth L. Kirschstein Institutional National Research Service Award (NRSA) Ruth L. Kirschstein NRSA Short-Term Institutional Research Training Grant
Fellowship	F30 F31 F32 F33 F99/K00	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 Predoctoral to Postdoctoral Fellow Transition Award