

# National Institute on Aging

National Advisory Council Meeting

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## **Annual Statistical Package 2020**

Presented at the January 2021 NACA Meeting

Table 1A: Applications Assigned to Councils in FY 2020

Table 1B: Alzheimer's Disease Applications Assigned to Councils in FY 2020

Table 2: Percentile Distribution for Research Project Grants Assigned to Councils in FY 2020

**National Institute on Aging**  
**TABLE 1A - APPLICATIONS ASSIGNED TO COUNCILS IN FY 2020\***  
**(October 2019, January 2020, May 2020, August 2020)**  
*(FY 2019 data included in parentheses)*

Grant Type	Aging Biology		Behavioral and Social Research		Neuroscience		Geriatrics and Clinical Gerontology		Total - FY 2020		Total - FY 2019	
	Number	Dollars	Number	Dollars	Number	Dollars	Number	Dollars	Number	Dollars	Number	Dollars
<b>Research Project</b>	903 <i>(643)</i>	\$268,889,895 <i>(\$185,665,026)</i>	610 <i>(565)</i>	\$212,745,789 <i>(\$193,222,183)</i>	2,301 <i>(2,005)</i>	\$1,047,318,927 <i>(\$847,433,837)</i>	417 <i>(418)</i>	\$185,143,145 <i>(\$225,624,270)</i>	<b>4,231</b>	<b>\$1,714,097,756</b>	<i>(3,631)</i>	<i>(\$1,451,945,316)</i>
<b>SBIR</b>	52	\$22,442,449	115	\$43,582,473	302	\$152,245,814	90	\$34,216,408	<b>559</b>	<b>\$252,487,144</b>	<i>(480)</i>	<i>(\$154,812,601)</i>
<b>STTR</b>	15	\$4,058,298	16	\$5,114,129	54	\$17,645,312	8	\$2,205,836	<b>93</b>	<b>\$29,023,575</b>	<i>(84)</i>	<i>(\$21,534,946)</i>
<b>Center</b>	15	\$13,151,825	26	\$20,578,426	32	\$52,008,178	15	\$15,580,644	<b>88</b>	<b>\$101,319,073</b>	<i>(42)</i>	<i>(\$33,664,415)</i>
<b>Research Career</b>	59	\$6,879,377	68	\$10,142,819	168	\$21,330,457	68	\$10,596,919	<b>363</b>	<b>\$48,949,572</b>	<i>(324)</i>	<i>(\$45,547,261)</i>
<b>Other Research</b>	22	\$1,900,879	36	\$9,725,227	46	\$18,958,874	11	\$5,756,964	<b>115</b>	<b>\$36,341,944</b>	<i>(113)</i>	<i>(\$82,681,536)</i>
<b>Training</b>	4	\$1,918,351	27	\$33,368,505	12	\$3,208,825	13	\$1,788,597	<b>56</b>	<b>\$40,284,278</b>	<i>(24)</i>	<i>(\$8,533,737)</i>
<b>Fellowship</b>	69	\$3,450,000	43	\$2,150,000	263	\$13,150,000	11	\$550,000	<b>386</b>	<b>\$19,300,000</b>	<i>(285)</i>	<i>(\$14,250,000)</i>
<b>Total</b>	<b>1,139</b> <i>(853)</i>	<b>\$322,691,074</b> <i>(\$216,077,136)</i>	<b>941</b> <i>(842)</i>	<b>\$337,407,368</b> <i>(\$267,476,771)</i>	<b>3,178</b> <i>(2,694)</i>	<b>\$1,325,866,387</b> <i>(\$1,054,266,850)</i>	<b>633</b> <i>(594)</i>	<b>\$255,838,513</b> <i>(\$275,149,055)</i>	<b>5,891</b>	<b>\$2,241,803,342</b>	<i>(4,983)</i>	<i>(\$1,812,969,812)</i>

\*Data from Fiscal Year 2019 are shown italicized in parentheses. October 2019 data were run on 8/12/2019, January 2020 on 12/23/2019, May 2020 on 4/7/2020, and August 2020 on 8/11/2020. 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 2020\***  
**(October 2019, January 2020, May 2020, August 2020)**  
*(FY 2019 data included in parentheses)*

Grant Type	Aging Biology		Behavioral and Social Research		Neuroscience		Geriatrics and Clinical Gerontology		Total - FY 2020		Total - FY 2019	
	Number	Dollars	Number	Dollars	Number	Dollars	Number	Dollars	Number	Dollars	Number	Dollars
<b>Research Project</b>	40 <i>(31)</i>	\$16,576,721 <i>(\$13,102,296)</i>	275 <i>(203)</i>	\$121,826,042 <i>(\$74,712,962)</i>	1,986 <i>(1,769)</i>	\$1,077,790,038 <i>(\$872,166,209)</i>	26 <i>(33)</i>	\$11,809,321 <i>(\$43,390,337)</i>	<b>2,327</b>	<b>\$1,228,002,122</b>	<i>(2,036)</i>	<i>(\$1,003,371,804)</i>
<b>SBIR</b>	0	\$0	87	\$38,371,347	274	\$142,954,239	23	\$9,037,002	<b>384</b>	<b>\$190,362,588</b>	<i>(298)</i>	<i>(\$108,216,349)</i>
<b>STTR</b>	0	\$0	11	\$3,759,025	50	\$16,762,638	0	\$0	<b>61</b>	<b>\$20,521,663</b>	<i>(52)</i>	<i>(\$14,051,380)</i>
<b>Center</b>	0	\$0	7	\$4,922,484	32	\$54,358,145	0	\$0	<b>39</b>	<b>\$59,280,629</b>	<i>(19)</i>	<i>(\$22,038,727)</i>
<b>Research Career</b>	2	\$246,867	34	\$4,818,692	146	\$18,677,586	9	\$1,421,202	<b>191</b>	<b>\$25,164,347</b>	<i>(162)</i>	<i>(\$22,427,803)</i>
<b>Other Research</b>	1	\$55,450	13	\$2,102,337	32	\$18,034,672	2	\$2,103,261	<b>48</b>	<b>\$22,295,720</b>	<i>(31)</i>	<i>(\$58,096,769)</i>
<b>Training</b>	0	\$0	12	\$27,100,498	5	\$1,264,902	1	\$108,810	<b>18</b>	<b>\$28,474,210</b>	<i>(3)</i>	<i>(\$855,476)</i>
<b>Fellowship</b>	2	\$100,000	15	\$750,000	199	\$9,950,000	1	\$50,000	<b>217</b>	<b>\$10,850,000</b>	<i>(145)</i>	<i>(\$7,250,000)</i>
<b>Total</b>	<b>45</b> <i>(34)</i>	<b>\$16,979,038</b> <i>(\$13,735,142)</i>	<b>454</b> <i>(333)</i>	<b>\$203,650,425</b> <i>(\$112,174,493)</i>	<b>2,724</b> <i>(2,334)</i>	<b>\$1,339,792,220</b> <i>(\$1,061,875,049)</i>	<b>62</b> <i>(45)</i>	<b>\$24,420,787</b> <i>(\$48,523,624)</i>	<b>3,285</b>	<b>\$1,584,951,279</b>	<i>(2,746)</i>	<i>(\$1,236,308,308)</i>

\*These numbers may change slightly due to false negative/positive codes on AD applications. Data from Fiscal Year 2019 are shown italicized in parentheses. October 2019 data were run on 8/12/2019, January 2020 on 1/3/2020, May 2020 on 4/7/2020, and August 2020 on 8/11/2020. 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 2020\***  
*October 2020, May 2020, and January 2020*

Division	Number Reviewed	Percentile Interval											
		1-10		11-20		21-30		31-40		41-50		>50 and not discussed	
<b><u>Aging Biology</u></b>													
October 2020	255	22	9%	26	10%	22	9%	37	15%	22	9%	126	49%
May 2020	253	19	8%	13	5%	27	11%	24	9%	29	11%	141	56%
January 2020	222	25	11%	19	9%	18	8%	24	11%	21	9%	115	52%
<b>Subtotal</b>	<b>730</b>	<b>66</b>	<b>9%</b>	<b>58</b>	<b>8%</b>	<b>67</b>	<b>9%</b>	<b>85</b>	<b>12%</b>	<b>72</b>	<b>10%</b>	<b>382</b>	<b>52%</b>
<b><u>Behavioral and Social Research</u></b>													
October 2020	169	20	12%	11	7%	14	8%	16	9%	18	11%	90	53%
May 2020	151	13	9%	27	18%	10	7%	18	12%	16	11%	67	44%
January 2020	126	11	9%	17	13%	13	10%	9	7%	13	10%	63	50%
<b>Subtotal</b>	<b>446</b>	<b>44</b>	<b>10%</b>	<b>55</b>	<b>12%</b>	<b>37</b>	<b>8%</b>	<b>43</b>	<b>10%</b>	<b>47</b>	<b>11%</b>	<b>220</b>	<b>49%</b>
<b><u>Neuroscience</u></b>													
October 2020	612	47	8%	66	11%	56	9%	52	8%	67	11%	324	53%
May 2020	464	31	7%	45	10%	46	10%	54	12%	51	11%	237	51%
January 2020	462	25	5%	40	9%	36	8%	47	10%	39	8%	275	60%
<b>Subtotal</b>	<b>1538</b>	<b>103</b>	<b>7%</b>	<b>151</b>	<b>10%</b>	<b>138</b>	<b>9%</b>	<b>153</b>	<b>10%</b>	<b>157</b>	<b>10%</b>	<b>836</b>	<b>54%</b>
<b><u>Geriatrics and Clinical Gerontology</u></b>													
October 2020	117	13	11%	10	9%	10	9%	16	14%	11	9%	57	49%
May 2020	109	13	12%	9	8%	14	13%	10	9%	10	9%	53	49%
January 2020	100	11	11%	10	10%	9	9%	7	7%	14	14%	49	49%
<b>Subtotal</b>	<b>326</b>	<b>37</b>	<b>11%</b>	<b>29</b>	<b>9%</b>	<b>33</b>	<b>10%</b>	<b>33</b>	<b>10%</b>	<b>35</b>	<b>11%</b>	<b>159</b>	<b>49%</b>
<b>GRAND TOTAL (Three Council Rounds)</b>	<b>3,040</b>	<b>250</b>	<b>8%</b>	<b>293</b>	<b>10%</b>	<b>275</b>	<b>9%</b>	<b>314</b>	<b>10%</b>	<b>311</b>	<b>10%</b>	<b>1,597</b>	<b>53%</b>

\*Data for each Council were run prior to that Council's meeting: January 2020 on 12/23/2019, May 2020 on 4/16/2020, and October 2020 on 8/21/2020. 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
<b>Research Project (RPG)</b>	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	
<b>Small Business Innovation Research (SBIR)</b>	R43	Small Business Innovation Research Grant - Phase I
	R44	Small Business Innovation Research Grant - Phase II
	SB1	Commercialization Readiness Program
<b>Small Business Technology Transfer (STTR)</b>	R41	Small Business Technology Transfer Grant - Phase I
	R42	Small Business Technology Transfer Grant - Phase II
<b>Center</b>	P20	Exploratory Center Grant
	P30	Center Core Grant
	P50	Specialized Center Grant
<b>Research Career</b>	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

Grant Type	Mechanism	Name
<b>Research Career (cont.)</b>	K18 K23 K24 K25 K26 K76 K99/R00	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
<b>Other Research</b>	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
<b>Training</b>	D43 DP1 T32 T35	International Research Training Grant NIH Director's Pioneer Award Ruth L. Kirschstein Institutional National Research Service Award (NRSA) Ruth L. Kirschstein NRSA Short-Term Institutional Research Training Grant
<b>Fellowship</b>	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