

National Institute on Aging

Extramural Program Data Statistical Package ¹

Prepared for the National Advisory Council on Aging (NACA) Meeting – September 21-22, 2010

This packet is in two parts. Part I shows information on applications that were submitted for consideration through normal appropriated funding, while applications that were submitted for ARRA funding are in Part II. ²

Applications submitted for the August 2010 Council Round are considered for funding in FY 2010. Applications submitted for the October 2010 Council Round are mostly considered for funding in FY 2011.

Part I. Normal appropriated funding information
August 2010 application information is included
October 2010 application information is included

Part II. ARRA funding application information
August 2010 ARRA application information is included.
(October 2010 ARRA application information – none were considered)

1 Note – Each year at the January Council meeting a report (NIA's Annual Statistical Package) with data from the previous fiscal year is presented. The January 2011 report will incorporate data from each Council Round for applications considered for funding in FY 2010.

2 ARRA is an abbreviation for the American Recovery and Reinvestment Act (Pub. L. 111-5), an economic stimulus package enacted by the 111th United States Congress in February 2009.

NATIONAL INSTITUTE ON AGING
NATIONAL ADVISORY COUNCIL MEETING
September 21-22, 2010

PART I. NORMAL APPROPRIATED FUNDING
FOR AUGUST 2010 AND OCTOBER 2010 COUNCIL ROUNDS

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NIA AWARD MECHANISMS

Note: Research Career Awards (K series), though a component of the Other Research Projects budget category, are shown separately in these tables to provide additional information.

RESEARCH PROJECT GRANTS

- P01 - Research Program Project
- R01 - Research Project (Traditional)
- R03 - Small Research Grant
- R15 - Academic Research Enhancement Award (AREA)
- R21 - Exploratory/Developmental Research Grant
- R33 - Exploratory/Developmental Grants Phase II
- R34 - Clinical Trial Planning Grant
- R36 - Aging Research Dissertation Awards to Increase Diversity
- R37 - Method to Extend Research in Time (MERIT) Award
- R56 - High Priority Short Term Project Award
- U01 - Cooperative Agreement Research Project Award

SMALL BUSINESS INNOVATION RESEARCH GRANTS

- R43 - Small Business Innovation Research (SBIR) Grant - Phase I
- R44 - Small Business Innovation Research (SBIR) Grant - Phase II

SMALL BUSINESS TECHNOLOGY TRANSFER GRANTS

- R41 - Small Business Technology Transfer (STTR) Grant - Phase I
- R42 - Small Business Technology Transfer (STTR) Grant - Phase II

CENTER MECHANISMS

- P30 - Center Core Grant
- P50 - Specialized Center Grant

OTHER RESEARCH PROJECTS

- R13 - Scientific Meeting Grant
- U13 - Cooperative Agreement Scientific Meeting Award
- U24 - Cooperative Agreement – Resource-related Research Award
- R24 - Research Resource Grant
- R25 - Education Project Grant

RESEARCH CAREER AWARDS

- K01 - Mentored Research Scientist Development Award
- K02 - Independent Scientist Award
- K07 - Academic Career Award
- K08 - Mentored Clinical Scientist Development Award
- K12 - Mentored Clinical Scientist Development Program Award
- K23 - Mentored Patient-Oriented Research Career Development Award
- K24 - Mid-career Investigator Award in Patient-Oriented Research
- K25 - Mentored Quantitative Research Career Development Award
- K26 - Mid-career Investigator Award in Mouse Pathobiology Research
- K99/R00 - NIH Pathway to Independence (PI) Award

TRAINING GRANTS

- T32 - Institutional Research Training National Research Service Award
- T35 - Short-Term Institutional Research Training National Research Service Award

FELLOWSHIPS

- F30 - Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral MD/PhD Fellows (F30)
- F31 - Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral Fellows (F31)
- F32 - Ruth L. Kirschstein National Research Service Awards (NRSA) for Individual Postdoctoral Fellows (F32)
- F33 - Ruth L. Kirschstein National Research Service Awards (NRSA) for Individual Senior Fellows (F33)

LOAN REPAYMENT MECHANISMS

- L30 - Clinical Research Loan Repayment Program
- L40 - Pediatric Research Loan Repayment Program

TABLE Ia
National Institute on Aging
APPLICATIONS ASSIGNED TO AUGUST 2010 COUNCIL ROUND*
 (By Division and Mechanism)

	Behavioral and Social Research		Aging Biology		Geriatrics and Clinical Gerontology		Neuroscience		Totals by Category	
MECHANISM	Number	Dollars Requested	Number	Dollars Requested	Number	Dollars Requested	Number	Dollars Requested	Number	Dollars Requested
Research Project Grants The applications referred to in this line are for R01s considered for August 2010 .**	39	12,916,465	0	0	0	0	1	250,000	40	13,166,465
Small Business Innovation Research Grants (SBIR) (R43, R44)	0	0	0	0	0	0	0	0	0	0
Small Business Technology Transfer Grants (STTR) (R41, R42)	0	0	0	0	0	0	0	0	0	0
Center Grants (P30, P50)	0	0	0	0	0	0	0	0	0	0
Research Career Awards (K awards) ***	3	595,474	1	160,000	7	1,188,626	17	2,913,205	28	4,857,305
Other Research Projects (R13, R24, R25, U13, U24)	0	0	0	0	0	0	0	0	0	0
Training Grants (T32, T35)	0	0	0	0	0	0	0	0	0	0
Fellowships (F30, F31, F32, F33)	0	0	0	0	0	0	0	0	0	0
TOTALS BY DIVISION:	42	13,511,939	1	160,000	7	1,188,626	18	3,163,205	68	18,023,770

* - See notes 1 and 3 in the Appendix on page 7.

** - R01 applications received pertain to two Roadmap RFAs: RFA-RM-09-022-Roadmap Transformative Research Projects Program (R01) and RFA-RM-10-002-Science of Behavior Change: Finding Mechanisms of Change in the Laboratory and the Field (R01)

*** - K applications received pertain to two NIA RFAs: RFA-AG-10-010-Paul B. Beeson Clinical Scientist Development Award in Aging (K08) and the RFA AG-10-011-Paul B. Beeson Patient-Oriented Research Career Development Award in Aging (K23)

Data sampled on 7/27/10

TABLE Ib
National Institute on Aging
APPLICATIONS ASSIGNED TO THE OCTOBER 2010 COUNCIL ROUND
 (By Division and Mechanism)

	Behavioral and Social Research		Aging Biology		Geriatrics and Clinical Gerontology		Neuroscience		Totals by Category	
MECHANISM	Number	Dollars Requested	Number	Dollars Requested	Number	Dollars Requested	Number	Dollars Requested	Number	Dollars Requested
Research Project Grants (R01, R03, R15, R21, R33, R34, R36, R37, P01, U01)	166	52,494,872	195	59,011,867	111	47,066,249	428	130,172,003	900	288,744,991
Small Business Innovation Research Grants (SBIR) (R43, R44)	17	2,221,238	10	1,851,336	16	2,548,726	31	6,282,262	74	12,903,562
Small Business Technology Transfer Grants (STTR) (R41, R42)	2	360,307	0	0	0	0	0	0	2	360,307
Center Grants (P30, P50)	0	0	0	0	0	0	0	0	0	0
Research Career Awards (K awards)	12	1,474,363	13	1,378,261	17	2,470,119	28	3,125,525	70	8,448,268
Other Research Projects (R13, R24, R25, U13, U24)	6	693,550	3	125,625	3	211,521	2	182,791	14	1,213,487
Training Grants (T32, T35)	0	0	0	0	0	0	0	0	0	0
Fellowships (F30, F31, F32, F33)	15	0	38	0	7	0	57	0	117	0
TOTALS BY DIVISION:	218	57,244,330	259	62,367,089	154	52,296,615	546	139,762,581	1,177	311,670,615

*See Notes 1, 2, 3 and 4 in the Appendix on page 7.

Data sampled on 7/27/10

TABLE II
National Institute on Aging
RESEARCH PROJECT GRANTS ASSIGNED TO THREE MOST RECENT COUNCIL ROUNDS*
October 2010, May 2010 and January 2010
(By Division and Percentile Rank)

DIVISION	Number Reviewed	Percentile Interval											
		0.1-10.0		10.1-20.0		20.1-30.0		30.1-40.0		40.1-50.0		> 50.0 or Not Scored	
Aging Biology (DAB):													
October-2010	189	20	11%	21	11%	17	9%	17	9%	12	6%	102	54%
May-2010	171	20	12%	14	8%	18	11%	19	11%	16	9%	84	49%
January-2010	194	24	12%	19	10%	17	9%	17	9%	21	11%	96	49%
DAB Subtotal:	554	64	12%	54	10%	52	9%	53	10%	49	9%	282	51%
Behavioral and Social Research (DBSR):													
October-2010	159	13	8%	15	9%	14	9%	24	15%	19	12%	74	47%
May-2010	162	13	8%	19	12%	18	11%	16	10%	10	6%	86	53%
January-2010	143	20	14%	8	6%	20	14%	14	10%	10	7%	71	50%
DBSR Subtotal:	464	46	10%	42	9%	52	11%	54	12%	39	8%	231	50%
Geriatrics and Clinical Gerontology (DGCG):													
October-2010	108	11	10%	9	8%	10	9%	13	12%	9	8%	56	52%
May-2010	99	14	14%	10	10%	15	15%	7	7%	8	8%	45	45%
January-2010	84	7	8%	10	12%	9	11%	8	10%	9	11%	41	49%
DGCG Subtotal:	291	32	11%	29	10%	34	12%	28	10%	26	9%	142	49%
Neuroscience (DN) :													
October-2010	412	38	9%	42	10%	39	9%	38	9%	40	10%	215	52%
May-2010	376	51	14%	34	9%	37	10%	41	11%	47	13%	166	44%
January-2010	340	36	11%	40	12%	32	9%	37	11%	36	11%	159	47%
DN Subtotal:	1128	125	11%	116	10%	108	10%	116	10%	123	11%	540	48%
GRAND TOTAL (Last Three Council Rounds):	2437	267	11%	241	10%	246	10%	251	10%	237	10%	1195	49%

* See notes 1, 3, and 5 on the Appendix on page 7.
Data sampled on 8/2/2010
H:StatPak/NIA/OCTOBER 2010/Table 2

Appendix for Part I

Notes Regarding Tables Ia, Ib and II for the Statistical Package for August 2010 and October 2010

Note 1: (Re: Tables Ia & Ib) Data for Table Ia (for the August 2010 Council Round) and Table Ib (for the October 2010 Council Round) were run on 7/27/09. Only applications assigned to a division by that date were included in these tables. For August 2010 (page 4) ten applications had not been assigned and for October 2010 (page 5) six applications had not been assigned as of 7/27/09. Applications that had been withdrawn by that date have been excluded. Dollar amounts shown in these tables are direct costs only (dollars requested for only the first year).

Applications to the Loan Repayment Program were also received and considered for the August 2010 Council Round. These applications (approximately 100 applications) are excluded from Table Ia.

(Re: Table II) For Table II, run on 8/2/10, applications that had been assigned to a division, reviewed, and percentiled by that date were included. Five grant applications in the RPG line had not been assigned to a division at the time Table II was prepared and three had not been reviewed.

Note 2: (Re: Table Ib) Research Program Grant applications shown in the first line include P01 (Program Projects), R01 (Research Projects), R03 (Small Research Grants), R15 (Academic Research Enhancement Awards), R21 (Exploratory/Developmental Awards), R33 (Exploratory/Developmental Grants Phase II), R34 (Clinical Trial Planning Grant Awards), R36 (Aging Research Dissertation Awards to Increase Diversity), R37 (Method to Extend Research in Time (MERIT) Award and U01 (Cooperative Agreements). Contracts are not included. Costs shown are the first year total direct costs requested. Facilities and Administrative costs are not included.

Note 3: (Re: Tables Ia & Ib) Data include applications “to be reviewed by Council”, applications considered not competitive and applications requesting \$50,000 or less.

Note 4: (Re: Table Ib) The data may include competing supplements to existing grants.

Note 5: (Re: Table II) The data include Research Project Grant applications where percentiling was used to rank the applications. As applications responding to RFAs, and a few other applications, are not normally percentiled, the number of applications in Table II is usually less than the corresponding number in line 1 of Table I.

PART II. ARRA STATISTICAL PACKAGE
FOR AUGUST 2010 AND OCTOBER 2010 COUNCIL ROUNDS

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TABLE I
National Institute on Aging
ARRA APPLICATIONS ASSIGNED TO AUGUST 2010 COUNCIL ROUND *
(By Division and Mechanism)

MECHANISM		Behavioral and Social Research	Aging Biology	Geriatrics and Clinical Gerontology	Neuroscience	Totals by Category
		Dollars Number Requested	Dollars Number Requested	Dollars Number Requested	Dollars Number Requested	Dollars Number Requested
1	Research Project Grants- R01s only ¹	6 950,746	0 0	0 0	3 362,480	9 1,313,226
2	Research Project Grants - RC4s only ² (Five RFAs) * * OD-10-001, OD-10-002, OD-10-005, OD-10-008 and OD-10-009	37 27,638,048	4 2,992,677	5 10,444,196	22 20,626,817	68 61,701,738
3	Small Business Innovation ³ Research Grants (SBIR) (R43, R44)	2 234,500	0 0	1 106,501	0 0	3 341,001
4	Awards (K awards) ⁴	1 875,238	0 0	0 0	0 0	1 875,238
5	TOTALS BY DIVISION:	46 29,698,532	4 2,992,677	6 10,550,697	25 20,989,297	81 64,231,203

* - See notes 1, 2 and 3 in the Appendix on Page 10.

1 - NOTICE OD-10-032- NIH Announces the Availability of Recovery Act Funds for Competitive Revision Applications (R01, R03, R15, R21, R21/R33, and R37) through the NIH Basic Behavioral and Social Science Opportunity Network (OppNet)

2 - RFA OD-10-001-ARRAOS: Recovery Act Limited Competition: Behavioral Economics for Nudging the Implementation of Comparative Effectiveness Research: Clinical Trials (RC4)

RFA OD-10-002-ARRAOS: Recovery Act Limited Competition: Behavioral Economics for Nudging the Implementation of Comparative Effectiveness Research (RC4)

RFA OD-10-005-Recovery Act Limited Competition: NIH Director's Opportunity for Research in Five Thematic Areas (RC4)

RFA OD-10-008-Recovery Act Limited Competition: Comparative Effectiveness Research on Upper Endoscopy in Gastroesophageal Reflux Disease (RC4)

RFA OD-10-009-Recovery Act Limited Competition: Methodology Development in Comparative Effectiveness Research (RC4)

3 - NOTICE-OD-10-034- NIH Announces the Availability of Recovery Act Funds for Competitive Revision Applications for Small Business Innovation Research and Small Business Transfer Technology Research Grants (R43/R44 and R41/R42) through the NIH Basic Behavioral and Social Science Opportunity Network (OppNet)

4 - RFA OD-10-011-Recovery Act Limited Competition: Institutional Comparative Effectiveness Research Mentored Career Development Award (KM1)

Data sampled on 8/2/10

Appendix for Part II

Notes Regarding Tables I for the ARRA Statistical Package for the August 2010 Council Round

Note 1:

Data for Table I was run on 8/2/10. Applications that had been withdrawn by that date were excluded. One ARRA application for the August 2010 Council Round had not been assigned as of 8/2/10. Dollar amounts shown in Table 1 are direct costs only (dollars requested for only the first year).

Note 2:

Data shown in Rows 1 and 2 pertain to RPG applications. Row 1 shows applications for the R01 mechanism. Row 2 shows applications for the RC4 mechanism. Only R01 and RC4 mechanisms were considered for ARRA funding in the August 2010 Council Round.

Data shown in Row 2 pertains to applications in response to RFAs OD-10-002, 005, 008 and 09. (See the footnote on page 9 for the title of these RFAs). Row 3 shows data pertaining to R43, R44 applications in response to PA-10-050. Row 4 pertains to data for KM1 awards in response to OD-10-011.

Note 3:

Data include applications to be reviewed by Council, applications considered not competitive and applications requesting \$50,000 or less.