Table 1. Census of Participating Departments or Interdepartmental Programs

Rationale

This table provides insight into the environment in which the proposed training will take place. It allows reviewers to assess whether the program has the "critical mass" of trainees and faculty and, in the case of interdepartmental programs, representation/distribution of scientific disciplines, to be effective. (Detailed data on program applicants, entrants, and appointees for participating departments and interdepartmental programs are collected in a parallel fashion on Table 6.)

Instructions

Part I. Predoctorates

For the current academic year, provide the total number of faculty members, predoctorates, and postdoctorates in each participating department, clinical division, or interdepartmental program. Applicants proposing research training in settings where there are no students in predoctoral research training, such as some clinical departments or divisions, should omit Part I; all other applicants are expected to complete Parts I and II, **regardless** of whether this is a predoctoral or postdoctoral program application. Faculty members should be counted more than once if they participate in a departmental as well as an interdepartmental program(s). Predoctorates and postdoctorates should be counted <u>only</u> once and in association with a single department or interdepartmental program.

For each participating department, division, or interdepartmental program enter the following counts for the current academic year:

1. **Participating Department or Program.** List the name of the Department, Clinical Division, or Interdepartmental Program.
2. **Total Faculty.** Provide the total number of current faculty members. In the Total row, count each faculty member only once and enter, in bold font, the total number of *unique* faculty members across the participating departments and interdepartmental programs. (Where faculty members are included in the counts for both a department and a program, or have appointments in more than one participating department, the total number of *unique* faculty will be less than the sum across participating departments and programs.)
3. **Participating Faculty.** Provide the total number of faculty members who will participate in the proposed training program. In the Total row, count each faculty member only once and enter, in bold font, the total number of *unique* participating faculty members across the participating departments and interdepartmental programs.
4. **Total Predoctorates.** Enter the total number of predoctorates. In the Total row, sum across departments and interdepartmental programs and enter, in bold font, the total number of predoctorates for this column.
5. **Total Predoctorates Supported by any HHS Award.** Provide the total number of predoctorates who are currently supported by **any** HHS training award (e.g., NIH T32, T90/R90, F30, F31, AHRQ T32, CDC T03). In the Total row, sum across departments and interdepartmental programs and enter, in bold font, the total number of predoctorates for this column.
6. **Total Predoctorates with Participating Faculty.** Provide the total number of predoctorates with those faculty who are participating in the proposed training program. In the Total row, sum across departments and interdepartmental programs and enter, in bold font, the total number of predoctorates for this column.
7. **Eligible Predoctorates with Participating Faculty.** Provide the total number of predoctorates who are with participating faculty, and who are eligible for support under the proposed award. In most cases (i.e., a T32 application), this number will reflect students who are citizens or non-citizen nationals of the U.S. or permanent residents. In the Total row, sum across departments and interdepartmental programs and enter, in bold font, the total number of predoctorates for this column.
8. **Training Grant Eligible (TGE) Predoctorates Supported by this Training Grant (Renewals, Revisions Only).** If this is a renewal or revision application, enter the total number of TGE or training-grant eligible (i.e., U.S. citizens, non-citizen nationals of the U.S. or permanent residents) predoctorates currently supported by **this** training grant. (If this is a resubmission application following a gap in funding, the number entered here may be zero.) In the Total row, sum

across departments and interdepartmental programs and enter, in bold font, the total number of predoctorates for this column. If not a renewal or revision application, do not include this column.

9. **Predoctorates Supported by this Training Grant (R90 Only Renewals/Revisions).** If this is a renewal or revision application of a T90/R90 award, enter the total number of predoctorates currently supported on the R90 award component. In the Total row, sum across departments and interdepartmental programs and enter, in bold font, the total number of predoctorates for this column. If not a renewal or revision of a T90/R90 award, do not include this column.

Part II. Postdoctorates

For the current academic year, provide the total number of faculty members, predoctorates, and postdoctorates in each participating department, clinical division, or interdepartmental program. Applicants proposing research training in settings where there are no students in predoctoral research training, such as some clinical departments or divisions, should omit Part I; all other applicants are expected to complete Parts I and II, **regardless** of whether this is a predoctoral or postdoctoral program application. Faculty members should be counted more than once if they participate in a departmental as well as an interdepartmental program(s). Predoctorates and postdoctorates should be counted only once and in association with a single department or interdepartmental program.

For each participating department, division or interdepartmental program enter the following counts for the current academic year:

1. **Participating Department or Program.** List the name of Department, Clinical Division or Program.
2. **Total Faculty.** Provide the total number of current faculty members. In the Total row, count each faculty member only once and enter, in bold font, the total number of *unique* faculty members across the participating departments and interdepartmental programs. (Where faculty members are included in the counts for both a department and a program, or have appointments in more than one participating department, the total number of *unique* faculty will be less than the sum across participating departments and programs.)
3. **Participating Faculty.** Provide the total number of faculty members who will participate in the proposed training program. In the Total row, count each faculty member only once and enter, in bold font, the total number of *unique* participating faculty members across the participating departments and interdepartmental programs.
4. **Total Postdoctorates.** Provide the total number of postdoctorates. In the Total row, sum across departments and interdepartmental programs and enter, in bold font, the total number of postdoctorates for this column.
5. **Total Postdoctorates Supported by any HHS Training Award.** Provide the total number of postdoctorates who are currently supported by **any** HHS training award (e.g., T32, T90/R90, F32, AHRQ T32, CDC T03). In the Total row, sum across departments and interdepartmental programs and enter, in bold font, the total number of postdoctorates for this column.
6. **Total Postdoctorates with Participating Faculty.** Provide the total number of postdoctorates with those faculty who are participating in the proposed training program. In the Total row, sum across departments and interdepartmental programs and enter, in bold font, the total number of postdoctorates for this column.
7. **Eligible Postdoctorates with Participating Faculty.** Provide the total number of postdoctorates who are with participating faculty and who are eligible for support under the proposed award. In most cases (e.g. a T32 application), this number will reflect individuals who are citizens or non-citizen nationals of the U.S. or permanent residents. In the Total row, sum across departments and interdepartmental programs and enter, in bold font, the total number of postdoctorates for this column.
8. **Training Grant Eligible (TGE) Postdoctorates Supported by this Training Grant (Renewals/ Revisions).** If this is a renewal or revision application, enter the total number of TGE postdoctorates currently supported by **this** training grant. (If this is a resubmission application following a gap in funding, the number entered here may be zero.) In the Total row, sum across departments and interdepartmental programs and enter, in bold font, the total number of postdoctorates for this column. If not a renewal or revision application, do not include this column.
9. **Postdoctorates Supported by this Training Grant (R90 Only Renewals/ Revisions).** If this is a renewal or revision application of a T90/R90 award, enter the total number of postdoctorates currently supported on the R90 award component. In the Total row, sum across departments and interdepartmental programs and enter, in bold font, the total number of postdoctorates for this column. If not a renewal or revision of a T90/R90 award, do not include this column.

Summarize these data in the Background Section of the Research Training Program Plan. Use the narrative to describe the organization of the proposed training program, the participating departments and interdepartmental programs, and the extent to which faculty, graduate students, and/or postdoctorates from those departments/interdepartmental programs participate in the programmatic activities to be supported by the training grant.

Sample Table 1. Census of Participating Departments or Interdepartmental Programs

Part I. Predoctorates

Participating Department or Program	Total Faculty	Participating Faculty	Total Predoctorates	Total Predoctorates Supported by any HHS Training Award	Total Predoctorates with Participating Faculty	Eligible Predoctorates with Participating Faculty	TGE Predoctorates Supported by this Training Grant (Renewals/ Revisions)	Predoctorates Supported by this Training Grant (R90 Only Renewals/ Revisions)
Department of Biochemistry	45	14	38	15	12	6	2	0
Neuroscience Program	32	20	31	20	14	7	4	1
Department of Pharmacology	25	5	30	10	5	3	3	0
Total	102	39	99	45	31	16	9	1

Part II. Postdoctorates

Participating Department or Program	Total Faculty	Participating Faculty	Total Postdoctorates	Total Postdoctorates Supported by any HHS Training Award	Total Postdoctorates with Participating Faculty	Eligible Postdoctorates with Participating Faculty	TGE Postdoctorates Supported by this Training Grant (Renewals/ Revisions)	Postdoctorates Supported by this Training Grant (R90 Only Renewals/ Revisions)
Department of Biochemistry	45	14	24	10	9	5	2	0
Neuroscience Program	32	20	27	20	12	5	3	1
Department of Pharmacology	25	5	15	8	5	3	2	0
Total	102	39	66	38	26	13	7	1

Table 2. Participating Faculty Members

Rationale

This information allows reviewers to assess the distribution of participating faculty by rank (junior vs. senior), by research interests, and by department or interdepartmental program. In addition, data on the mentoring records of faculty permit an evaluation of the experience of participating faculty in facilitating the progression of predoctorates and postdoctorates in their careers. The data concisely summarize information about the training faculty.

Instructions

List participating faculty in alphabetical order by last name. For each participating faculty member, provide:

1. **Name.** Include the full name in the format Last Name, First Name and Middle Initial.
2. **Degree(s).** Provide the faculty member's terminal degree(s).
3. **Rank.** Provide the academic rank held by each faculty (e.g., Asst. Prof. for Assistant Professor, Assoc. Prof. for Associate Professor, Prof. for Professor, Res. Asst. Prof. for Research Assistant Professor, Instructor). For training grant faculty holding non-academic positions, such as those in government or in the private sector, report "Other," followed by their title.
4. **Primary Department or Program.** List the primary affiliation (department, interdepartmental program, or other academic unit).
5. **Research Interest.** Provide the faculty member's research interest relevant to the proposed training program.
6. **Training Role.** Provide up to three role(s) for each faculty in the proposed training program, selected from the following options: PD/PI, Preceptor, Executive Committee member (Exec. Comm.), Other Committee member (Other Comm.), Other.

Mentoring Record (Items 7-12). For the last 10 years, provide the record for mentoring predoctorates and postdoctorates who have been or are currently engaged in research training under the faculty member's primary supervision. Exclude predoctorates doing research rotations, and clinical interns and residents unless they have been or are currently engaged in full-time, mentored research training in the faculty member's research group.

7. **Predoctorates in Training.** Provide the number of predoctorates who are currently in training.
8. **Predoctorates Graduated.** Provide the number of predoctorates who were awarded their doctoral degree during the last 10 years.
9. **Predoctorates Continued in Research or Related Careers.** Provide the number of predoctorates who were awarded their doctoral degree during the last 10 years and who currently are engaged in a research-intensive or research-related career. Research-related positions generally require a doctoral degree, and may include activities such as teaching, administering research or higher education programs, science policy, and technology transfer.
10. **Postdoctorates in Training.** Provide the number of postdoctorates who are currently in training in the faculty member's laboratory.
11. **Postdoctorates Completed Training.** Provide the number of postdoctorates who completed postdoctoral training in the faculty member's laboratory during the last 10 years.
12. **Postdoctorates Continued in Research or Related Careers.** Provide the number of postdoctorates who completed postdoctoral training during the last 10 years and who currently are engaged in a research-intensive or research-related career.

Summarize these data in the Research Training Program Plan, within the Background Section and the Program Faculty Section of the Program Plan. Use the narrative to describe the distribution of participating faculty by academic rank, department or interdepartmental program, areas of research emphasis, and the rationale for the faculty selected to participate in the training grant. Analyze the data in terms of the overall experience of the faculty in training predoctorates and/or postdoctorates. Comment on the inclusion of faculty whose mentoring records may suggest limited, recent training experience at either training level (predoctoral or postdoctoral).

Sample Table 2. Participating Faculty Members

Name	Degree(s)	Rank	Primary Department or Program	Research Interest	Training Role	Pre-doctorates In Training	Pre-doctorates Graduated	Predoctorates Continued in Research or Related Careers	Post-doctorates In Training	Post-doctorates Completed Training	Postdoctorates Continued in Research or Related Careers
Abrams-Johnson, Jane	PhD	Asst. Prof.	Pharmacology	Regulation of Synthesis of Biogenic Amines	Preceptor Other Comm	1	2	2	1	0	0
Jones, Lisa S.	PhD	Res. Asst. Prof.	Biochemistry	Protein Structure, Folding, and Immunogenicity	Preceptor Exec Comm	3	3	3	4	2	2
Sandoz, Miguel J.	MD, PhD	Assoc. Prof.	Neuroscience	Developmental Genetics in Drosophila	Preceptor	4	6	5	4	8	6
Thomas, James C.	PhD	Prof.	Biochemistry	Molecular and Genetic Analysis of RNA Viruses	PD/PI	7	10	9	8	15	14

Table 3. Federal Institutional Research Training Grants and Related Support Available to Participating Faculty Members

Rationale

This table will permit an evaluation of the current level of support for related research training and the extent to which the proposed training grant has overlap in participating faculty. This information is useful in assessing the institutional environment and determining the number of training positions to be awarded.

Instructions

For all currently active, federal institutional training (e.g., NIH T32, T35, AHRQ T32), career development, and research education (e.g., NIH R25, K12/KL2, TL1) support available to the participating faculty members, list the following:

1. **Grant Title.** Provide the full grant title. Do not list all training and related grants at the participating institution(s); list only those with any overlapping faculty (i.e., including any of the same faculty members participating in the proposed training program).
2. **Award Number.** Provide the full award number.
3. **Project Period.** Provide project period dates inclusive of the entire project period, in the format MM/YYYY-MM/YYYY
4. **PD/PI.** Provide the name of the PD/PI(s), in the format Last Name, First Name and Middle Initial.
5. **Number of Predoctoral Positions.** Provide the number of full-time predoctoral training positions. In the Total row, sum the number of predoctoral positions across all awards and enter the total in bold font.
6. **Number of Postdoctoral Positions.** Provide the number of full-time postdoctoral training positions. In the Total row, sum the number of postdoctoral positions across all awards and enter the total in bold font.
7. **Number of Short-Term Positions.** Provide the number of short-term training positions. In the Total row, sum the number of short-term positions across all awards and enter the total in bold font.
8. **Number of Participating Faculty (Number Overlapping).** Provide the total number of participating faculty members and, parenthetically, the number of participating faculty members who are also named in this application (overlapping faculty).
9. **Names of Overlapping Faculty.** List the last names of all overlapping faculty.

Summarize these data in the Background Section of the Research Training Program Plan. Use the narrative to summarize the level of research training support at the institution and describe any relevant restrictions on that support (e.g., whether it is targeted to specific groups of trainees, such as early- or late-stage graduate students, medical students, etc.). Provide an explanation for instances where the tabular data indicate that there may be substantial overlap of participating faculty.

Sample Table 3. Federal Institutional Research Training Grants and Related Support Available to Participating Faculty Members

Grant Title	Award Number	Project Period	PD/PI	Number of Predoctoral Positions	Number of Postdoctoral Positions	Number of Short-Term Positions	Number of Participating Faculty (Number Overlapping)	Names of Overlapping Faculty
Bioimmunotherapy Training Grant	T32 CA05964-11	07/2011-06/2016	Thomas, James C.	12	0	0	25 (6)	Abelson Brown Fields Johnson Sung Watson
Genetic Basis of Mental Illness	T32 MH02708-07	07/2010-06/2015	Johnson, Albert P.	4	4	2	7 (2)	Johnson Watson
Research Education Program for Residents in Psychiatry	R25 MH09876-06	07/2013-06/2018	Mendez, V. Roberto	0	6	0	33 (3)	Mendez Rivers Truesdale
Career Development in Pediatric Mental Health	K12 HD01234-09	07/2012-06/2017	Sterman, Patricia S.	0	4	0	19 (1)	Rubin
Total				**16**	**14**	**2**		

Table 4. Research Support of Participating Faculty Members

Rationale

This table provides evidence of the strength of the research environment, the availability of funds to support research conducted by the trainees, and the appropriateness of the participating faculty in terms of their active research support.

Instructions

For each faculty member, list the following:

1. **Faculty Member.** List participating faculty members in alphabetical order by last name, in the format Last Name, First Name and Middle Initial.
2. **Funding Source.** List the funding source as NIH, AHRQ, NSF, Other Federal (Other Fed), University (Univ), Foundation (Fdn), None, or Other. If none, state "None." **Exclude applications pending review, administrative or competitive supplements, and awards in no-cost extension status.** (xTRACT users should note that the system will autopopulate grants that fit these criteria.)
3. **Grant Number.** For each participating faculty member, provide the full grant number for the currently active research grant support in which the faculty member has a role of PD/PI or, in the case of a multi-project grant or cooperative agreement, Project or Core Lead. If the source of the research support is part of a multi-project grant or cooperative agreement (e.g., P01, P50, U10, U19, U54), provide the relevant information only for that component for which the faculty member is responsible. Include research grants from all sources that will provide the context for the planned research training experiences. Exclude institutional research training grants, institutional career development grants, and research education grants.
4. **Role on Project.** Provide the role of the faculty member on the research project grant (i.e., PD/PI). In the case of a multi-project grant or cooperative agreement, where faculty members may be leading projects or cores, enter the role, "Project Lead."
5. **Grant Title.** Provide the Grant Title.
6. **Project Period.** List the inclusive dates of the entire project period (in the format MM/YYYY-MM/YYYY).
7. **Current Year Direct Costs.** Provide the direct costs for the current budget period. For grants in the following categories, report direct costs according to the instructions, below:

   - Multi-PD/PI awards – Divide the direct costs by the number of PD/PIs, and report the result.
   - Multi-year awards (e.g., DP3) – Divide the direct costs by the number of years of the award, and report the result.
   - Multi-component awards (those with subprojects) – Report the costs associated with the subproject(s) for which the faculty member is responsible.

In the last row, calculate and provide the average grant support per participating faculty member. xTRACT users should note that the system will automatically calculate and report the correct costs for multi-PD/PI and multi-year awards and determine the average grant support per participating faculty member.

Summarize these data in the Program Plan (Program Faculty Section) of the Research Training Program Plan. Analyze the data in terms of total and average grant support. Comment on the inclusion of faculty without research grant support in the proposed training program and explain how the research of trainees who may work with these faculty members would be supported.

Sample Table 4. Research Support of Participating Faculty Members

Faculty Member	Funding Source	Grant Number	Role on Project	Grant Title	Project Period	Current Year Direct Costs
Jones, Janine L.	NIH	1 R01 GM76259-01	PD/PI	Structure and Function of Acetylcholine Receptors	06/2014-05/2018	$190,000
Jones, Janine L.	NIH	5 K08 AI00091-03	PD/PI	Purification & Identification of Receptors	11/2012-11/2017	$140,000
Ehlers, Roger G.	Univ		PD/PI	University start-up funds	08/2014-07/2017	$350,000
Mack, Thomas R.	Fdn		PD/PI	Control of Angiogenesis	03/2011-02/2015	$185,000
Mack, Thomas R.	NSF	PCM 80-12935	PD/PI	Cell Culture Center	12/2012-11/2015	$180,000
Mack, Thomas R.	NIH	1 P01 HL71802-05	Project PI	Subproject 4: Oncogenic Kit Receptor Signaling in vivo	10/2011-09/2015	$165,000
Smith, James P.	None					
Zachary, Andrew	NIH	1 U01 AI28507-02	PD/PI	Human Monoclonal Antibodies as a Therapy for Staphylococcal Enterotoxin	07/2013-06/2018	$200,000
Average Grant Support per Participating Faculty Member						**$282,000**

Table 6A. Applicants, Entrants, and their Characteristics for the Past Five Years: Predoctoral

Rationale

These data permit the evaluation of the ability of participating departments, divisions, or interdepartmental programs to recruit trainees. These data are useful in assessing the selectivity of the admissions process, the competitiveness of the training program, and the appropriate number of training positions to be awarded.

Instructions

Part I. Counts

In **Part I** of this table, list the following counts for each participating department, division, or interdepartmental program for each of the past 5 academic years, beginning with the most recently completed year:

1. **Most Recently Completed Year.** Enter the most recently completed year in the format "Most Recently Completed Year: 2013-2014".
2. **Total Applicant Pool.** Number of individuals who formally applied for training.
3. **Applicants Eligible for Support.** Number of individuals who formally applied for training and were eligible for support from this grant. (In most cases, eligible individuals will be those who are citizens or non-citizen nationals of the U.S. or permanent residents; see the Funding Opportunity Announcement for specific guidance.)
4. **New Entrants to the Program.** Number of new entrants to the department/division/interdepartmental program.
5. **New Entrants Eligible for Support.** Number of new entrants to the department/division/interdepartmental program who were eligible for support from this grant.
6. **New Appointees to this Grant (Renewal/Revision Applications Only).** Number of new appointees to this grant. (If this is not a Renewal/Revision application, do not include this column).

Do not include students admitted solely to obtain master's degrees. If only one department or interdepartmental program is participating in the proposed training program, enter the overall total <u>only</u> for each year.

For each additional year, enter the prior year in the format "Previous Year: 2012-2013" until all five academic years are completed, and complete the sections as described above. In the final section of **Part I**, provide the mean count for each column.

Part II. Characteristics

In **Part II** of the table, provide the following information about the characteristics of entrants and applicants, for each of the past 5 academic years, beginning with the most recently completed year:

1. **Mean Months of Prior, Full-Time Research Experience (range).** For each category of entrants as defined in Part I, items 4-6, enter the mean number of months of prior, full-time research experience and range. For many individuals, this value will reflect months of summer research experience or full-time research experience following college. For those with part-time, academic-year research experience for academic credit, convert the part-time experience to full time for reporting here (e.g., 15 hours/week for 8 months = 3 months). Do not include labs associated with a course (e.g. organic chemistry course with lab).
2. **Prior Institutions**. For each category of entrants as defined in Part I, items 4-6, enter the names of their prior institutions. For predoctorates, this will be their bachelor's-degree granting institutions. If more than one entrant has the same prior institution, list the institution only once, followed by the number of entrants in parentheses.
3. **Percent from Underrepresented Groups.** For each category of entrants as defined in Part I, items 4-6, enter the percent of individuals from groups that are underrepresented in the biomedical, clinical, behavioral or social sciences, such as individuals from underrepresented racial or ethnic groups, individuals with

disabilities, or individuals from disadvantaged backgrounds as defined in [NIH's Notice of Interest in Diversity](#). (If the participating departments, divisions, or programs do not collect information on all the groups identified in NIH's Notice of Interest in Diversity, enter data on the groups for which information is available.)

4. **Mean GPA (range).** For each category of applicants and entrants as defined in Part I, items 2-6, enter the mean GPA and range, using a 4.0 scale.

For each additional year, enter the prior year in the format "Previous Year: 2012-2013" until all five years are completed, and complete the sections as described above. In the final section of **Part II**, provide the mean values for all years of support.

Summarize these data in the Program Plan (Trainee Candidate Section) of the Research Training Program Plan. Analyze the data in terms of the overall numbers of potential trainees, their credentials, characteristics, and eligibility for support, and enrollment trends.

Sample Table 6A. Applicants, Entrants, and Their Characteristics for the Past Five Years: Predoctoral

Part I. Counts

Most Recently Completed Year: 2013-2014	Total Applicant Pool	Applicants Eligible for Support	New Entrants to the Program	New Entrants Eligible for Support	New Appointees to this Grant (Renewal/Revision Applications Only)
Department of Biochemistry	45	30	6	3	2
Department of Molecular & Cell Biology	30	19	5	4	3
Program in Systems Biology	12	9	5	5	4
Total	**87**	**58**	**16**	**12**	**9**

Previous Year: 2012-2013	Total Applicant Pool	Applicants Eligible for Support	New Entrants to the Program	New Entrants Eligible for Support	New Appointees to this Grant (Renewal/Revision Applications Only)
Department of Biochemistry	50	35	8	4	3
Department of Molecular & Cell Biology	30	20	8	5	3
Program in Systems Biology	15	10	5	5	4
Total	**95**	**65**	**21**	**14**	**10**

Previous Year: 2011-2012	Total Applicant Pool	Applicants Eligible for Support	New Entrants to the Program	New Entrants Eligible for Support	New Appointees to this Grant (Renewal/Revision Applications Only)
Department of Biochemistry	65	40	10	5	6
Department of Molecular & Cell Biology	35	20	7	4	4
Program in Systems Biology	10	8	6	5	2
Total	**110**	**68**	**23**	**14**	**12**

Previous Year: 2010-2011	Total Applicant Pool	Applicants Eligible for Support	New Entrants to the Program	New Entrants Eligible for Support	New Appointees to this Grant (Renewal/Revision Applications Only)
Department of Biochemistry	52	30	7	7	5
Department of Molecular & Cell Biology	35	21	9	4	3
Program in Systems Biology	12	10	5	5	3
Total	**99**	**61**	**21**	**16**	**11**

Previous Year: 2009-2010	Total Applicant Pool	Applicants Eligible for Support	New Entrants to the Program	New Entrants Eligible for Support	New Appointees to this Grant (Renewal/Revision Applications Only)
Department of Biochemistry	40	23	4	3	2
Department of Molecular & Cell Biology	30	18	6	4	3
Program in Systems Biology	12	10	5	4	3
Total	**82**	**51**	**15**	**11**	**8**

Total All Years	Total Applicant Pool	Applicants Eligible for Support	New Entrants to the Program	New Entrants Eligible for Support	New Appointees to this Grant (Renewal/Revision Applications Only)
Mean Count Across Years	**95**	**61**	**19**	**13**	**10**

Part II. Characteristics

Most Recent Program Year: 2013-2014	Total Applicant Pool	Applicants Eligible for Support	New Entrants to the Program	New Entrants Eligible for Support	New Appointees to this Grant (Renewal/Revision Applications Only)
Mean Months of Prior, Full-Time Research Experience (range)			7.5 (3-24)	8.0 (3-24)	10.0 (3-24)
Prior Institutions			Cornell Univ. (3) Univ. of Virginia Univ. of Utah (3) Ohio State (5) U. Arkansas (4)	Cornell Univ. (2) Univ. of Virginia Univ. of Utah (2) Ohio State (3) U. Arkansas (4)	Cornell Univ. Univ. of Utah (2) Ohio State (3) U. Arkansas (3)
Percent from Underrepresented Groups			19%	25%	22%
Mean GPA (range)	3.4 (2.9-4.0)	3.5 (3.0-4.0)	3.6 (3.3-4.0)	3.7 (3.3-4.0)	3.7 (3.4-4.0)

Previous Year: 2012-2013	Total Applicant Pool	Applicants Eligible for Support	New Entrants to the Program	New Entrants Eligible for Support	New Appointees to this Grant (Renewal/Revision Applications Only)
Mean Months of Prior, Full-Time Research Experience (range)			7.4 (3-24)	8.0 (3-24)	9.5 (3-24)
Prior Institutions			Georgetown (3) Univ. of Utah (3) UNC (6) UCSD (5) Boston U (4)	Georgetown (3) Univ. of Utah (2) UNC (3) UCSD (4) Boston U (2)	Georgetown (3) UNC (2) UCSD (3) Boston U (2)
Percent from Underrepresented Groups			15%	20%	18%
Mean GPA (range)	3.3 (2.7-4.0)	3.5 (3.0-4.0)	3.6 (3.3-4.0)	3.7 (3.4-4.0)	3.7 (3.4-4.0)

Previous Year: 2011-2012	Total Applicant Pool	Applicants Eligible for Support	New Entrants to the Program	New Entrants Eligible for Support	New Appointees to this Grant (Renewal/Revision Applications Only)
Mean Months of Prior, Full-Time Research Experience (range)			8.0 (3-24)	8.0 (3-24)	11.0 (3-24)
Prior Institutions			Cornell Univ. (5) Univ. of Utah (3) NYU (5) Boston U (4) Oregon State (6)	Cornell Univ. (2) Univ. of Utah NYU (3) Boston U (3) Oregon State (5)	Cornell Univ. (2) Univ. of Utah NYU (3) Boston U (3) Oregon State (3)
Percent from Underrepresented Groups			20%	26%	24%
Mean GPA (range)	3.4 (2.8-4.0)	3.5 (3.0-4.0)	3.7 (3.4-4.0)	3.7 (3.4-4.0)	3.7 (3.4-4.0)

Previous Year: 2010-2011	Total Applicant Pool	Applicants Eligible for Support	New Entrants to the Program	New Entrants Eligible for Support	New Appointees to this Grant (Renewal/Revision Applications Only)
Mean Months of Prior, Full-Time Research Experience (range)			7.5 (3-24)	8.0 (3-24)	10.0 (3-24)
Prior Institutions			Georgetown (4) Univ. of Utah (4) UNC (5) Oregon State (4) Boston U (4)	Georgetown (4) Univ. of Utah (4) UNC (5) Oregon State (3)	Georgetown (2) Univ. of Utah (3) UNC (4) Oregon State (2)
Percent from Underrepresented Groups			18%	22%	20%
Mean GPA (range)	3.4 (2.9-4.0)	3.5 (3.0-4.0)	3.6 (3.3-4.0)	3.7 (3.3-4.0)	3.7 (3.4-4.0)

Previous Year: 2009-2010	Total Applicant Pool	Applicants Eligible for Support	New Entrants to the Program	New Entrants Eligible for Support	New Appointees to this Grant (Renewal/Revision Applications Only)
Mean Months of Prior, Full-Time Research Experience (range)			7.4 (3-24)	8.0 (3-24)	9.5 (3-24)
Prior Institutions			Cornell Univ. (4) Univ. of Virginia Univ. of Utah (3) U. Vermont (3) Boston U (4)	Cornell Univ. (3) Univ. of Virginia Univ. of Utah (3) U. Vermont (2) Boston U (2)	Cornell Univ. (3) Univ. of Virginia Univ. of Utah (2) U. Vermont Boston U
Percent from Underrepresented Groups			15%	20%	19%
Mean GPA (range)	3.3 (2.7-4.0)	3.5 (3.0-4.0)	3.6 (3.3-4.0)	3.7 (3.4-4.0)	3.7 (3.4-4.0)

Means Across All Years	Total Applicant Pool	Applicants Eligible for Support	New Entrants to the Program	New Entrants Eligible for Support	New Appointees to this Grant (Renewal/Revision Applications Only)
Mean Months of Prior, Full-Time Research Experience			7.6	8.0	10.0
Percent from Underrepresented Groups			17%	23%	21%
Mean GPA	3.4	3.5	3.6	3.7	3.7

Table 7. Appointments to the Training Grant for Each Year of the Current Project Period (Renewal/Revision Applications only)

Rationale

For renewal or revision applications, these data permit evaluation of the use of awarded training positions. Note that for xTRACT users, counts for "Awarded" trainees will be auto-filled, as will trainees appointed in the first three budget years. xTRACT users should insert counts of trainees appointed in Budget Year 04, as well as counts of trainees in the remaining categories.

Instructions

1. Provide the following counts for each complete budget year (i.e., Budget Year 01, Budget Year 02, Budget Year 03, Budget Year 04, and Sum of Budget Years) since the last competing grant application. Exclude any section (i.e., predoctoral, postdoctoral, or short-term) that does not apply.
2. **Predoctoral Positions Awarded.** Enter, in bold, the number of predoctoral training positions awarded (i.e., slots).
3. **Predoctorates Appointed.** Enter, in bold, the number of individual predoctorates appointed.
4. **Predoctorates: Dual Degree.** Enter, in plain text, the number of individual predoctorates appointed who are in a dual-degree program.
5. **Predoctorates: Underrepresented Groups.** Enter, in plain text, the number of predoctorates appointed who are from groups that are underrepresented in the biomedical, clinical, behavioral or social sciences, such as individuals from underrepresented racial or ethnic groups, individuals with disabilities, or individuals from disadvantaged backgrounds as defined in NIH's Notice of Interest in Diversity. (If the training program does not collect information on all the groups identified in NIH's Notice of Interest in Diversity, enter data on the groups for which information is available.)
6. **Postdoctoral Positions Awarded.** Enter, in bold, the number of postdoctoral training positions awarded (i.e., slots).
7. **Postdoctorates Appointed.** Enter, in bold the number of individual postdoctorates appointed.
8. **Postdoctorates: M.D. or Equivalent.** Enter, in plain text, the number of individual postdoctorates appointed with an M.D. or equivalent degree.
9. **Postdoctorates: Ph.D. or Equivalent.** Enter, in plain text, the number of individual postdoctorates appointed with a Ph.D. or equivalent degree.
10. **Postdoctorates: D.D.S., D.V.M., Other.** Enter, in plain text, the number of individual postdoctorates appointed with a D.D.S., D.V.M., or other terminal doctoral degree.
11. **Postdoctorates: Dual Degree.** Enter, in plain text, the number of individual postdoctorates appointed with a dual degree.
12. **Postdoctorates: Underrepresented Groups.** Enter, in plain text, the number of postdoctorates appointed who are from groups that are underrepresented in the biomedical, clinical, behavioral or social sciences, such as individuals from underrepresented racial or ethnic groups, individuals with disabilities, or individuals from disadvantaged backgrounds as defined in NIH's Notice of Interest in Diversity. (If the training program does not collect information on all the groups identified in NIH's Notice of Interest in Diversity, enter data on the groups for which information is available.)
13. **Short-Term Positions Awarded.** Enter, in bold, the number of short-term training positions awarded (i.e., slots).
14. **Short-Term Appointed.** Enter, in bold, the number of individuals appointed.
15. **Short-Term: Underrepresented Groups.** Enter, in plain text, the number of individuals appointed who are from groups that are underrepresented in the biomedical, clinical, behavioral or social sciences, such as individuals from underrepresented racial or ethnic groups, individuals with disabilities, or individuals from disadvantaged backgrounds as defined in NIH's Notice of Interest in Diversity. (If the training program does not collect information on all the groups identified in NIH's Notice of Interest in Diversity, enter data on the groups for which information is available.)

Summarize these data in the Progress Report Section of the Research Training Program Plan; if any trainee positions were not filled, if any trainees terminated early, or if the distribution of appointed positions differs from the distribution of awarded positions, provide an explanation. It may also be useful to refer to these data within the Recruitment Plan to Enhance Diversity Section of the Research Training Program Plan.

Sample Table 7. Appointments to the Training Grant for Each Year of the Current Project Period

Training Positions	Budget Year 01	Budget Year 02	Budget Year 03	Budget Year 04	Sum of Budget Years
Predoctoral Awarded	8	8	8	8	**32**
Predoctoral Appointed	8	8	8	8	**32**
Predoc: Dual-Degree	0	0	1	1	2
Predoc: Underrepresented Groups	0	5	2	2	9
Postdoctoral Awarded	4	4	4	4	**16**
Postdoctoral Appointed	4	4	4	4	**16**
Postdoc: M.D. or Equivalent	0	1	0	1	2
Postdoc: Ph.D. or Equivalent	3	1	3	3	10
Postdoc: D.D.S., D.V.M., Other	1	1	0	0	2
Postdoc: Dual Degree	0	1	1	0	2
Postdoc: Underrepresented Groups	0	0	0	0	0
Short-Term Awarded	8	8	6	7	**29**
Short-Term Appointed	7	6	6	7	**26**
Short-Term: Underrepresented Groups	2	2	1	2	7

Table 8B. Program Outcomes: Short-Term

Rationale

For renewal applications, this table provides information about the use of short-term training positions (e.g., distribution by faculty member, year in program, years of support per short-term trainee). The data also permit an evaluation of the effectiveness of the supported training program in achieving the training objectives of the prior award period(s) for up to 15 years.

Instructions

If applicable, list sequentially, by year of appointment, all students who have been supported by the grant for short-term research training experiences in the last 15 years. If the grant has been active for less than 15 years, list all trainees to date.

For each trainee, provide:

1. **Trainee.** Provide the trainee name in the format Last Name, First Name and Middle Initial.
2. **Category of Trainee.** Provide the trainee category (e.g., Medical Student, Dental Student, Veterinary Student, Other Health Professional Student, or Quantitative Sciences Student)
3. **Faculty Member.** In the format of Last Name, First Name and Middle Initial., provide up to two primary research training faculty acting as mentors (these will be training grant faculty).
4. **Start Date.** Provide the calendar month and year of appointment as a short-term trainee on this grant, in the format MM/YYYY.
5. **Topic of Research Project.** Provide the topic of the research project.
6. **Subsequent Training or Related Award/Role/Year.** If applicable, provide any subsequent NIH and other HHS training, fellowship, research education, or career development support. List the awarding component, activity, role, and year (e.g., HD K23/PI/2013).

Sample Table 8B. Program Outcomes: Short-Term

Trainee	Category of Trainee	Faculty Members	Start Date	Topic of Research Project	Subsequent Training or Related Award/Role/Year
Lin, Mari G.	Medical Student	Doe, John; Smith, Jerry	07/1998	PAI 1 and cardiac fibrosis	NS R25/Participant/2003 HL K23/PI/2006
Holmes, Will M.	Medical Student	Doe, John	07/1999	Study of Nonaccidental Brain Trauma	HD K12/Scholar/2005