

T32 Training Grants

Unlocking the Mystery

Research Administrators Support Group (RASG)
August 19, 2010

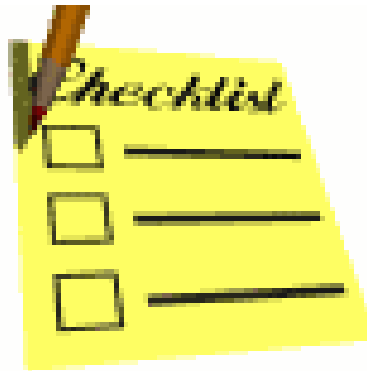


THE UNIVERSITY
of NORTH CAROLINA
at CHAPEL HILL

Agenda-Session I

- Overview/Introduction/Planning a submission
Lynne Brody, Manager of Planning & Productivity,
Dept of Nutrition
- Components of the Application
Patricia Phelps, Director, Biological and Biomedical
Graduate Education, Molecular Biology
- Budget and Budget Justification
Vicki Moore, Business Manager, Epidemiology
- T32 Tables
Dede Corvinus, Director, Office of Research Services, School of
Medicine
- Appointment and termination forms
Mark Kramer, Assistant Director of Research Administration,
Lineberger Comprehensive Cancer Center

Brief Introduction to T32's



THE UNIVERSITY
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What is a T32 Training Grant?

Ruth L. Kirschstein National Research Service Award

PA-10-036

Sponsor: National Institutes of Health

Purpose: To prepare qualified individuals for careers that have a significant impact on the health-related research needs of the nation.

Pays stipend, travel and other expenses of doctoral students and/or postdocs

Ruth L. Kirchstein, M.D.

1927-2009

- First woman to direct an NIH Institute in 1974, served for 20 years
- Served as Deputy Director and Acting Director of NIH
- Increased the number of women in science and technology
- Strongly advocated for research training
- In 2002, Congress renamed the program in her honor



Planning a T32 Submission



Where Do I Start?

- PI determines Institute and contacts Program Official
- Read instructions and looks for instructions particular to the Institute



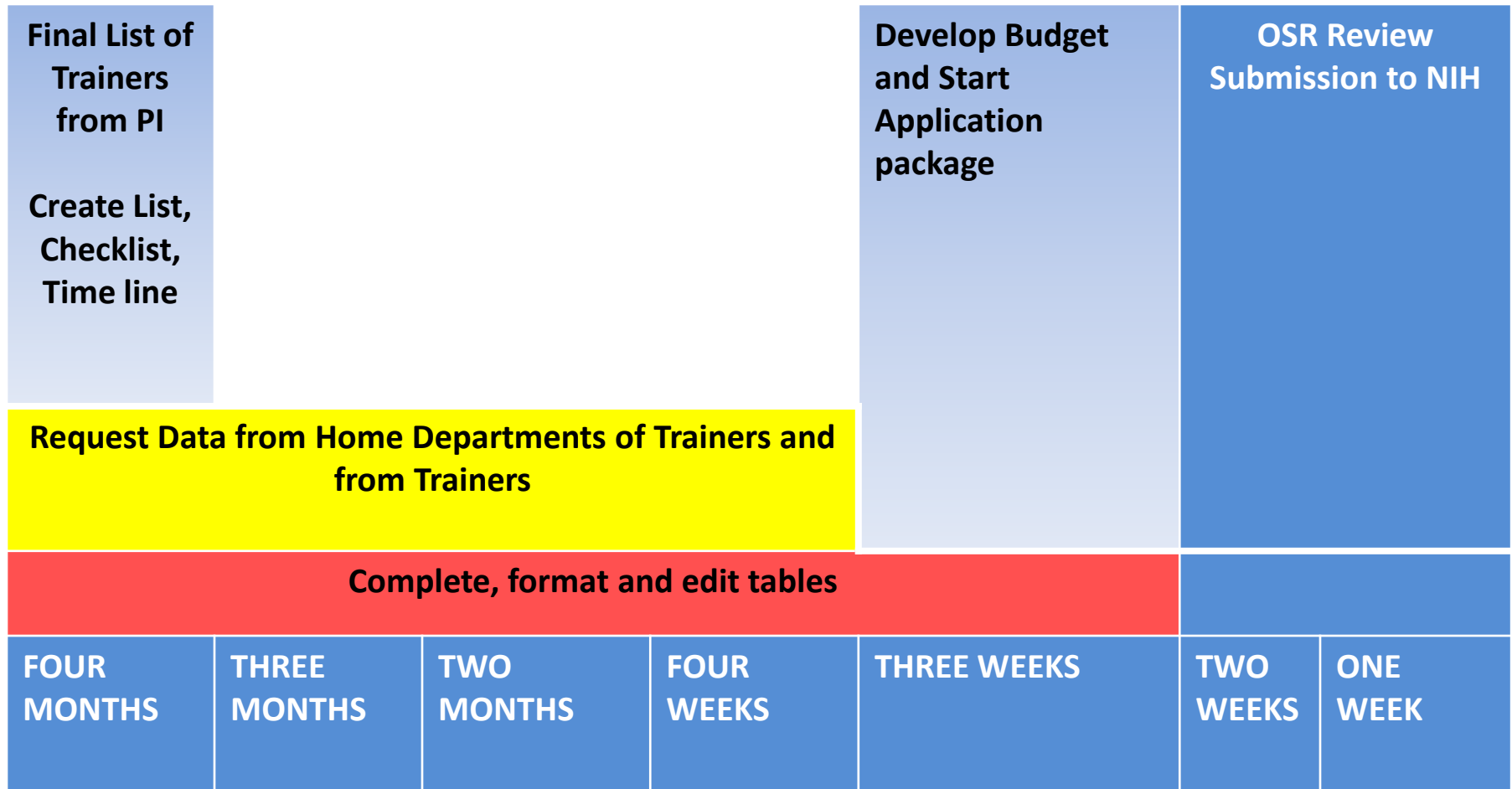
What next?

- Give the PI a deadline to finalize list of trainers (ideally 4-5 months before the grant is due)
- Develop a realistic time line that allows, at minimum, 3-4 months for collection of data and completion of tables and include reminders

Time Line Excerpt

- **1/11/2011:** Final list of trainers obtained; writing of text assigned to committee members. Person(s) responsible: David, PI
- **1/12/2011:** Finalize Time Line and list of information needed. Person(s) responsible: Jenny, Business Manager
- **1/12/2011:** Obtain a copy of training grant tables from BIOS Dept. Person(s) responsible: Jenny, Business Manager
- **1/28/2011:** Develop checklist to track information collected. Person(s) responsible: Jenny, Business Manager
- **1/30/2011:** Separate out information needed from each trainer and each Department. Pre-populate any information that is already available. Person(s) responsible: Davilla, Bus. Services Coordinator
- **2/1/2011** Begin contacting trainers and home departments to obtain material for tables. Person(s) responsible: Davilla, Bus. Services Coordinator
- **2/1/2011** Determine formatting of Tables. Person(s) responsible: Davilla and Jenny

Timeline for Submission



What next?

- Identify who will be entering data in the tables. It will require many hours and 2-3 weeks of full-time work prior to the submission date
- Determine up front how tables will be formatted
- Identify a team of people to review and edit the tables
- Identify a Dept who recently submitted a training grant with overlapping Departments, and ask them to share tables
- Develop a list or checklist of what data needs to be collected and from whom, and who will request data

Sample Table of Trainer Information

Person Collecting Faculty Information: Jenny

Item	Abbott	Anderson	Davis	Slotkin	Westin
Biosketch	Received	Needs to be formatted	Emailed on 5/1/10	Received	Received
Trainee Information	Emailed 5/1, 6/20 and 7/15	Received	Received	Received	Emailed on 6/20 says he will have it next week
Trainee Pubs	Need to get from PubMed	Received	Received	Received	Need to get from PubMed
Other Support	8/19: Need to call Epid Dept for recent copy	Received	8/19 Needs to be put in NIH format	Received	Received

Conclusion

- Plan and be prepared!



Training Grant Applications

Putting Together the Pieces



PA-10-036
NOT-OD-06-093
SF-424 (R&R), FOA and PHS 398



SF-424 (R&R)

Standard Form 424 – Research and Related

It is a combination of separate forms focussing on the many aspects of a proposed grant

SF-424 is used government-wide to apply for all research and research-related grants

A complete application will include a combination of (R&R) components and PHS398 components

(Public Health Service is specific to biomedical research)

The applicant must complete the application using the package attached to that particular Funding Opportunity Announcement (FOA)

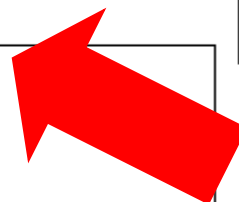
[Save & Submit](#)[Save](#)[Print](#)[Cancel](#)[Check Package for Errors](#)

Grant Application Package

Opportunity Title:	Research Project Grant (Parent R01)
Offering Agency:	National Institutes of Health
CFDA Number:	
CFDA Description:	
Opportunity Number:	PA-10-067
Competition ID:	ADOBE-FORMS-B
Opportunity Open Date:	01/05/2010
Opportunity Close Date:	01/07/2013
Agency Contact:	Grants Info Grants Information E-mail: GrantsInfo@nih.gov Phone: 301-435-0714

This electronic grants application is intended to be used to apply for the specific Federal funding opportunity referenced here.

If the Federal funding opportunity listed is not the opportunity for which you want to apply, close this application package by clicking on the "Cancel" button at the top of this screen. You will then need to locate the correct Federal funding opportunity, download its application and then apply.



Header Information

Prefilled from Announcement

This opportunity is only open to organizations, applicants who are submitting grant applications on behalf of a company, state, local or tribal government, academia, or other type of organization.

* Application Filing Name:

Mandatory Documents

SF424 (R & R)
Project/Performance Site Location(s)
Research And Related Other Project Information
Research And Related Senior/Key Person Profile
PHS 398 Cover Page Supplement
PHS 398 Research Plan
PHS 398 Checklist

Move Form to
Complete



Move Form to
Delete



Mandatory Documents for Submission

[Open Form](#)

Optional Documents

PHS Cover Letter
PHS 398 Modular Budget
Research & Related Budget
R & R Subaward Budget Attachment(s) Form

Move Form to
Submission List



Move Form to
Delete

Optional Documents for Submission

APPLICATION FOR FEDERAL ASSISTANCE

SF 424 (R&R)

1. * TYPE OF SUBMISSION <input type="checkbox"/> Pre-application <input type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application		3. DATE RECEIVED BY STATE State Application Identifier	
2. DATE SUBMITTED Applicant Identifier		4. a. Federal Identifier b. Agency Routing Identifier	
5. APPLICANT INFORMATION * Legal Name: Department: Division: * Street1: Street2: * City: County / Parish: * State: Province: * Country: USA: UNITED STATES * ZIP / Postal Code: Person to be contacted on matters involving this application Prefix: * First Name: Middle Name: * Last Name: Suffix: * Phone Number: Fax Number: Email: 6. * EMPLOYER IDENTIFICATION (EIN) or (TIN): 7. * TYPE OF APPLICANT: Please select one of the following Other (Specify): Small Business Organization Type <input type="checkbox"/> Women Owned <input type="checkbox"/> Socially and Economically Disadvantaged 8. * TYPE OF APPLICATION: If Revision, mark appropriate box(es). <input type="checkbox"/> New <input type="checkbox"/> Resubmission <input type="checkbox"/> A. Increase Award <input type="checkbox"/> B. Decrease Award <input type="checkbox"/> C. Increase Duration <input type="checkbox"/> D. Decrease Duration <input type="checkbox"/> Renewal <input type="checkbox"/> Continuation <input type="checkbox"/> Revision <input type="checkbox"/> E. Other (specify): * Is this application being submitted to other agencies? Yes No What other Agencies? 9. * NAME OF FEDERAL AGENCY: National Institutes of Health Stage 10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: TITLE: 11. * DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: 12. PROPOSED PROJECT: * Start Date * Ending Date * 13. CONGRESSIONAL DISTRICT OF APPLICANT 14. PROJECT DIRECTOR/PRINCIPAL INVESTIGATOR CONTACT INFORMATION Prefix: * First Name: Middle Name: * Last Name: Suffix: Position/Title: * Organization Name: Department: Division: * Street1: Street2: * City: County / Parish: * State: Province: * Country: USA: UNITED STATES * ZIP / Postal Code: * Phone Number: Fax Number: * Email:			

SF424 (R&R)

Cover Component

Page 1

Type of application

- **New** is an application submitted for the first time
- **Resubmission** is a revised or amended application
- **Renewal** is equivalent to a competing continuation
- **Continuation** is equivalent to a Progress report. For the purposes of NIH the box for continuation will not be used and should not be checked.
- **Revision** is somewhat equivalent to a competing supplement



Project Narrative

It's one or two sentences describing the relevance of this research to public health. Must be written in lay language.

“The virology training program will provide enhanced training and education to biomedical scientists that will result in increased understanding and potential cures for diseases that impact United States citizens”.

Application Guide SF-424 (R&R)



Office of Sponsored Research

<http://www.grants.gov/Apply>

<http://grants.nih.gov/grants/funding/424index.htm>

<http://www.grants.gov/CompleteApplication#demo>

Contact Grants Info: 301-435-0714

Email: grantsinfo@nih.gov

DOCUMENT	REQUIRED	OPTIONAL	INSTRUCTIONS
SF424 (R&R) Cover	X		Section 4.2
SF424 (R&R) Project/Performance Site Locations	X		Section 4.3
SF424 (R&R) Other Project Information	X		Section 4.4
SF424 (R&R) Senior / Key Person Profile(s) (Expanded)	X		Section 4.5
SF424 (R&R) Training Budget	X		Section 4.7
PHS Cover Letter		X	Section 5.2
PHS398 Cover Page Supplement	X		Section 5.3
PHS398 Research Training Program Plan	X		Section 8.7
PHS398 Training Budget	X		Section 8.5
PHS398 Checklist	X		Section 5.6

PHS 398 Research Plan

1. Application Type:

From SF 424 (R&R) Cover Page. The response provided on that page, regarding the type of application being submitted, is repeated for your reference, as you attach the appropriate sections of the Research Plan.

*Type of Application:

☐ New ☐ Resubmission ☐ Renewal ☐ Continuation ☐ Revision

2. Research Plan Attachments:

Please attach applicable sections of the research plan, below.

- | | | | | |
|----------------------------------------------------|----------------------|--------------------------------|-----------------------------------|---------------------------------|
| 1. Introduction to Application | <input type="text"/> | Add Attachment | Delete Attachment | View Attachment |
| <small>(for RESUBMISSION or REVISION only)</small> | | | | |
| 2. Specific Aims | <input type="text"/> | Add Attachment | Delete Attachment | View Attachment |
| 3. *Research Strategy | <input type="text"/> | Add Attachment | Delete Attachment | View Attachment |
| 4. Inclusion Enrollment Report | <input type="text"/> | Add Attachment | Delete Attachment | View Attachment |
| 5. Progress Report Publication List | <input type="text"/> | Add Attachment | Delete Attachment | View Attachment |

Human Subjects Sections

- | | | | | |
|--------------------------------------|----------------------|--------------------------------|-----------------------------------|---------------------------------|
| 6. Protection of Human Subjects | <input type="text"/> | Add Attachment | Delete Attachment | View Attachment |
| 7. Inclusion of Women and Minorities | <input type="text"/> | Add Attachment | Delete Attachment | View Attachment |
| 8. Targeted/Planned Enrollment Table | <input type="text"/> | Add Attachment | Delete Attachment | View Attachment |
| 9. Inclusion of Children | <input type="text"/> | Add Attachment | Delete Attachment | View Attachment |

Other Research Plan Sections

- | | | | | |
|-----------------------------------------|----------------------|--------------------------------|-----------------------------------|---------------------------------|
| 10. Vertebrate Animals | <input type="text"/> | Add Attachment | Delete Attachment | View Attachment |
| 11. Select Agent Research | <input type="text"/> | Add Attachment | Delete Attachment | View Attachment |
| 12. Multiple PD/PI Leadership Plan | <input type="text"/> | Add Attachment | Delete Attachment | View Attachment |
| 13. Consortium/Contractual Arrangements | <input type="text"/> | Add Attachment | Delete Attachment | View Attachment |
| 14. Letters of Support | <input type="text"/> | Add Attachment | Delete Attachment | View Attachment |
| 15. Resource Sharing Plan(s) | <input type="text"/> | Add Attachment | Delete Attachment | View Attachment |

- | | | | |
|--------------|---------------------------------|------------------------------------|----------------------------------|
| 16. Appendix | Add Attachments | Remove Attachments | View Attachments |
|--------------|---------------------------------|------------------------------------|----------------------------------|

PHS 398 Research Plan

Attachments

- When saving documents use file titles whose descriptions match the forms
- AttachmentNameApplicantName.doc - for example, “BiosketchJones.pdf” so that it’s clear where on the application it gets attached. Do not use hyphens, spaces, or other characters in file names.

T32 Research Training Plan

- Background
- Program Plan
 - Administration
 - Faculty
 - Training
 - Program Evaluation
 - Trainee Candidates
- Minority Recruitment
- Responsible Conduct of Research Plan
- Human Subjects
- Animal Subjects
- Select Agents



Recruitment and Retention Plan to Enhance Diversity

From the Outset

- **Design recruitment activities uniquely appropriate for the program**
- **Consider schools in addition to traditionally minority-serving institutions**
- **Consider whether criteria or practices are unnecessarily screening out candidates.**

Targeted Recruitment Activities

- **Visit schools with substantial minority enrollments to publicize graduate training opportunities. Visits by training grant program directors, faculty and students are key**
- **Recruitment by training faculty and current students at meetings and poster sessions at national conferences.**
- **Invite applicants to visit campus and meet with faculty and students**
- **Training faculty should support summer research interns and postbacs in their labs.**

Training in the Responsible Conduct of Research

Every trainee supported by this training grant must receive instruction in the responsible conduct of research. All Applications must include a plan to provide such instruction. The plan must address five components: format; subject matter; faculty participation; duration of instruction; and frequency of instruction as detailed in [NOT-OD-10-019](#).

All training faculty who served as course directors, speakers, lecturers, and/or discussion leaders during the past project period must be named in the application. Applications lacking a plan for instruction in responsible conduct of research will be considered incomplete and may be delayed in the review process.

Appendix

- A summary listing all of the items included in the appendix is required, and should be the first PDF file. Applications that do not follow the appendix requirements may be delayed in the review process. All appendix material must be submitted as PDF attachments.
- Research publications of trainees and mentors are not normally included as part of the Training Grant applications, but are allowed. Other types of publications reflecting on the activities of the program as a whole may also be included. When publications are allowed, appendix materials should be limited to those which are not publicly available, such as:
 - Manuscripts and/or abstracts accepted for publication but not yet published.
 - Published manuscripts and/or abstracts where a free, online, publicly available journal link is not available.
 - Do not include unpublished theses or abstracts/manuscripts submitted, but not yet accepted, for publication.
 - Publications that are publicly accessible must not be included in the appendix. For such publications, the URL or PMC submission identification numbers along with the full reference should be included as appropriate in the Bibliography and References Cited/Progress Report Publication List section of the Research Plan, and/or in the Biographical Sketch.
- Some materials other than publications that are unique to training grant applications (but not typically included in research grant applications) may be included as appendices. The appendix may be used to provide samples of materials that are referred to in the body of the application, but are too cumbersome to include in the Training Program Plan without disrupting the narrative flow. Examples include:
 - i) Additional tables not requested in the SF424 instructions – designate these by letter, rather than number, to avoid confusion with the numbered required tables;
 - ii) Syllabi for key courses, core courses and electives, including courses in Responsible Conduct of Research, Survival Skills for Research, etc.;
 - iii) Retreat, seminar series, and other program activity agendas, rosters, and schedules;
 - iv) Examples of forms used to document trainee progress and monitoring by the program;
 - v) Examples of materials used in recruitment and particularly recruitment and retention to enhance diversity of the student pool.;
 - vi) Lists of meetings attended by students and their presentations;
 - vii) Student biosketches; and
 - viii) Letters of support, collaboration, and commitment of institutional resources.

Research Supplements to Promote Diversity in Health-Related Research **PA Number: PA-05-015**

- High School Students who have expressed an interest in the health-related sciences.
- Undergraduate Students who have demonstrated an interest in and wish to pursuing graduate level research training in health-related sciences.
- Post-Baccalaureate Students and Post-Master's Degree Students who have recently graduated and have demonstrated an interest and wish to pursue further graduate level training in health-related research sciences.
- Predoctoral Students who wish to develop their research capabilities in the health-related sciences
- Individuals in Postdoctoral Training who wish to participate as postdoctoral researchers in ongoing research projects and career development experiences in preparation for an independent career in a health-related research.
- Faculty who wish to participate in ongoing research projects while further developing their own independent research potential
- .Established investigators who become disabled. This program will provide additional support for established NIH investigators and project leaders on components of program projects and center grants who become disabled. The additional support may be requested for assistance or special equipment that will facilitate a continuing contribution to the goals of the parent grant. Because this program differs in substantial ways from the other supplemental awards listed here, it is described in a separate section below.

A completed face page (with appropriate signatures) from Grant Application Form PHS 398. Include the title and grant number of the parent grant on line 1 and the name "Research Supplements to Promote Diversity in Health-Related Research" on line

A brief three to four page description, prepared by the Principal Investigator of the parent grant that includes:

- A summary or abstract of the funded grant or project
- A plan and timeline for the research and career development experiences proposed for the candidate
- A description of how the research and career development experiences will expand and foster the research capabilities of the candidate; how the proposed experiences relates to the specific research goals and objectives of the parent grant; and a description of the mentorship that will be provided.

A signed statement from the candidate outlining her/his research objectives and career goals

A biographical sketch of the candidate that includes evidence of scientific achievement or interest. The source of current funding must also be listed

Social Security Number of the candidate.

A signed statement from the Principal Investigator and an institutional official establishing the eligibility of the candidate for support under this program. The statement must include clearly presented information on citizenship as

well as the nature of the candidate's disability, circumstances, background, or characteristics that confer eligibility under this

A proposed budget entered on budget pages from Grant Application Form PHS 398, related to the percent effort (where appropriate) for the research experience of the candidate during the first and future years. I

A copy of the most recent official transcript if the candidate is a high school, undergraduate, post-baccalaureate degree, post-master's degree, or graduate student.

If the candidate is a student at another institution during the academic year, the application must include an appropriately signed letter from a responsible official at the institution of matriculation indicating that participation at the stated level of effort is approved and will not detract from or interfere with the student's course of studies .

PHS 398 TRAINING BUDGET, Period 1

Organizational DUNS: 6081952770000 Budget Type: ☒ Project ☐ Subaward/Consortium

Organization Name: University of North Carolina at Chapel Hill

Start Date: 08/15/2011

End Date: 08/14/2012

A. Stipends, Tuition/Fees

Number of Trainees

Full Short
Time TermStipends
Requested (\$)Tuition/Fees
Requested (\$)

<input type="checkbox"/>	<input type="checkbox"/>	Undergraduate:		
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Number Per Stipend Level:

First-Year/Soph. ☐ Junior/Senior ☐

4	<input type="checkbox"/>	Predoctoral:	Single Degree	84,720.00	88,094.00
	<input type="checkbox"/>		Dual Degree		
4	<input type="checkbox"/>		Total Predoctoral	84,720.00	88,094.00

Postdoctoral:

Number Per Stipend Level:

			0	1	2	3	4	5	6	7		
1	<input type="checkbox"/>	Non-degree Seeking				1						44,304.00
	<input type="checkbox"/>	Degree Seeking										
1	<input type="checkbox"/>	Total Postdoctoral				1						44,304.00

<input type="checkbox"/>	<input type="checkbox"/>	Other:		
--------------------------	--------------------------	--------	--	--

Totals:	129,024.00	88,094.00
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Total Stipends + Tuition/Fees Requested	217,118.00
------------------------------------------------	------------

B. Other Direct Costs

Funds Requested (\$)

Trainee Travel	9,000.00
----------------	----------

Training Related Expenses	24,650.00
---------------------------	-----------

Total Direct Costs from R&R Budget Form (if applicable)	
---------------------------------------------------------	--

Consortium Training Costs (if applicable)	
-------------------------------------------	--

Total Other Direct Costs Requested	33,650.00
-------------------------------------------	-----------

C. Total Direct Costs Requested (A + B)

250,768.00

D. Indirect Costs

Indirect Cost Type

Indirect Cost
Rate (%)Indirect Cost
Base (\$)Funds
Requested (\$)

1. MTDC	8.00	162,674.00	13,014.00
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2.			
----	--	--	--

Total Indirect Costs Requested	13,014.00
---------------------------------------	-----------

E. Total Direct and Indirect Costs Requested (C + D)

263,782.00

F. Budget Justification

TraineeBudgetJustification.pdf

Add Attachment

Delete Attachment

View Attachment

Previous Period

PHS 398 TRAINING BUDGET, Period 2

Organizational DUNS: 6081952770000 Budget Type: ☒ Project ☐ Subaward/Consortium

Organization Name: University of North Carolina at Chapel Hill

Start Date: 08/15/2012

End Date: 08/14/2013

A. Stipends, Tuition/Fees

Number of Trainees

Full Time
Short TermStipends
Requested (\$)Tuition/Fees
Requested (\$)

<input type="checkbox"/>	<input type="checkbox"/>	Undergraduate:		
--------------------------	--------------------------	----------------	--	--

Number Per Stipend Level:

First-Year/Soph. ☐ Junior/Senior ☐

<input type="checkbox"/>	<input type="checkbox"/>	Predoctoral:	Single Degree	84,720.00	90,736.00
<input type="checkbox"/>	<input type="checkbox"/>		Dual Degree		
<input type="checkbox"/>	<input type="checkbox"/>		Total Predoctoral	84,720.00	90,736.00

Postdoctoral:

Number Per Stipend Level:

<input type="checkbox"/>	<input type="checkbox"/>	Non-degree Seeking	0	1	2	3	4	5	6	7	90,264.00	
<input type="checkbox"/>	<input type="checkbox"/>	Degree Seeking										
<input type="checkbox"/>	<input type="checkbox"/>	Total Postdoctoral				1	1				90,264.00	

<input type="checkbox"/>	<input type="checkbox"/>	Other:		
--------------------------	--------------------------	--------	--	--

Totals:	174,984.00	90,736.00
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Total Stipends + Tuition/Fees Requested	265,720.00
------------------------------------------------	------------

B. Other Direct Costs

Funds Requested (\$)

Trainee Travel	10,500.00
----------------	-----------

Training Related Expenses	32,500.00
---------------------------	-----------

Total Direct Costs from R&R Budget Form (if applicable)	
---------------------------------------------------------	--

Consortium Training Costs (if applicable)	
-------------------------------------------	--

Total Other Direct Costs Requested	43,000.00
-------------------------------------------	-----------

C. Total Direct Costs Requested (A + B)

308,720.00

D. Indirect Costs

Indirect Cost Type

Indirect Cost
Rate (%)Indirect Cost
Base (\$)Funds
Requested (\$)

1. MTDC	8.00	217,984.00	17,439.00
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2.			
----	--	--	--

Total Indirect Costs Requested	17,439.00
---------------------------------------	-----------

E. Total Direct and Indirect Costs Requested (C + D)

326,159.00

F. Budget Justification

TraineeBudgetJustification.pdf

Add Attachment

Delete Attachment

View Attachment

BUDGET JUSTIFICATION

Trainee Stipends:

Pre-doctoral Trainees

Years 1-5: 4 pre-doctoral trainees @ \$21,180 = \$84,720

Post-doctoral Trainees

Year 1: 1 post-doctoral trainee with 3 years of experience = \$44,304

Years 2-5: 2 post-doctoral trainees; 1 with 3 years of experience @ \$44,304 and 1 with four years of experience @ \$45,504

1 @ 3 years of experience \$44,304

1 @ 4 years of experience \$45,960

Total post-doctoral stipends \$90,264

Total Stipends: Year 1 = \$129,024; Years 2-5 = \$174,984

Tuition and Fees:

Tuition and Fees have been budgeted for the pre-doctoral trainees according to the ratio of incoming students in the Department of Epidemiology in prior years (2 In-State; 2 Out-of-State).

In-State Tuition and Fees

\$4,985 x 2 academic semesters = \$9,969

\$ 312 x 6 credit hours summer sessions = \$1,872

Total In-State Tuition & Fees \$11,841 x 2 trainees = \$23,682

Out-of-State Tuition and Fees

\$13,220 x 2 semesters = \$26,440

\$ 961 x 6 credit hours summer sessions = \$5,766

Total Out-of-State Tuition & Fees \$32,206 x 2 trainees = \$64,412

Tuition and fees are inflated annually in Years 2-5 by 3%. Tuition and Fees are requested at "full needs" and not according to the current formula.

Trainee Travel:

One trip per year for each trainee to attend a scientific meeting has been budgeted for each trainee at a cost of \$1,500/year. This is an integral part of the educational experience of trainees, several of whom will be presenting papers and posters at scientific meetings.

Estimated Airfare:	\$ 730
Hotel (4 nights)	\$ 500
Meals (5 days)	\$ 170
Misc (ground,etc)	<u>\$ 100</u>
Total	\$1,500

Trainee Travel Cont.

In addition \$1,500 has also been budgeted for one trainee per year to travel to University of Southern Denmark in Odense to have access to data for projects within the ROPPE.

Estimated Airfare /Train:	\$ 900
Per diem:	\$ 500
Misc. (taxi, etc.)	\$ 100
Total	\$1,500

Year 1 trainee travel cost = \$9,000. Years 2-5 trainee travel cost = \$10,500 due to addition of one postdoc.

Trainee Related Expenses:

Pre-doctoral Trainees

Years 1-5: 4 pre-doctoral trainees @ \$4,200 = \$16,800

Post-doctoral Trainees

Year 1: 1 post-doctoral trainee with = \$7,850

Years 2-5: 2 post-doctoral trainees @ 7,850 = 15,700

NRSA Training Grants

2010 Funding Levels

Stipends

Effective with all Kirschstein-NRSA awards made on or after October 1, 2009, the following annual stipend levels apply to all individuals receiving support through institutional research training grants or individual fellowships, including the Minority Access to Research Career (MARC) and Career Opportunities in Research (COR) programs.

Career Level		Stipend for FY 2010
Undergraduates in the MARC and COR Programs:		
Freshmen/Sophomores		\$7,980
Juniors/Seniors		\$11,172
Predoctoral		\$21,180
Postdoctoral		
Years of Experience:		
	0	\$37,740
	1	\$39,756
	2	\$42,624
	3	\$44,304
	4	\$45,960
	5	\$47,940
	6	\$49,836
	7 or more	\$52,068

Tuition and Fees, Training Related Expenses, and Institutional Allowances for Kirschstein-NRSA

Recipients

For new and competing renewal institutional and individual NRSA awards made in FY 2007 or later, and for non-competing awards in FY 2007 for programs that received competing awards in FY 2006, the NIH will provide funds for tuition, fees, health insurance, and training related expenses, as detailed below.

A. Tuition and Fees

- **Predoctoral Trainees and Fellows:** For institutional training grants (**T32, T34, T35, T90, TL1**) and individual fellowships (**F30, F31**), an amount per predoctoral trainee equal to 60% of the level requested by the applicant institution, up to \$16,000 per year, will be provided. If the trainee or fellow is enrolled in a program that supports formally combined dual-degree training (e.g., M.D.-Ph.D, D.D.S.-Ph.D.), the amount provided per trainee or fellow will be 60% of the level requested up to \$21,000 per year.
- **Postdoctoral Trainees and Fellows:** For institutional training grants (**T32, T35, T90, TL1**) and individual fellowships (**F32, F33**), an amount per postdoctoral trainee or fellow equal to 60% of the level requested by the applicant institution, up to \$4,500 per year, will be provided. If the trainee or fellow is enrolled in a program that supports postdoctoral individuals in formal degree-granting training, an amount per postdoctoral trainee or fellow equal to 60% of the level requested by the applicant institution, up to \$16,000 per year, will be provided.

B. Training Related Expenses on Institutional Training Grants

- For institutional training grants (**T32, T34, T35, T90, TL1**), these expenses (including health insurance costs) for predoctoral and postdoctoral trainees will be paid at the amounts shown below for all competing awards made with FY 2010 funds. These amounts also apply to non-competing awards issued in FY 2010 for programs that received competing awards in FY 2006 or beyond:
 - **Predoctoral Trainees:** \$4,200
 - **Postdoctoral Trainees:** \$7,850

For additional information see NOT-OD-10-047 at www.nih.gov

WHAT TO COLLECT

- BIOSKETCH—ALSO PROVIDES BASIC INFO ON TABLES 2 & 4
- TRAINEE INFORMATION FROM EACH MENTOR
- OFFICE OR RESEARCH (SOM) WEBSITE HAS INFO FOR TABLES 1, 3, 7A & 8A
- WORK WITH GRAD. STUDENT & HR COORDINATORS IN ANY DEPT YOU HAVE A MENTOR
- TIMELINE—3-6 MONTHS

**Table 1. Membership of Participating Departments/Programs
(Alphabetically)**

Participating Department / Program	Faculty Members in Department / Program	Faculty Members Participating in This Application	Predocutorial Trainees in Department / Program (Supported by Any NIH Training Grant)	Predocutorial Trainees With Participating Faculty (TGE) A/B/C	For Renewal Applications, Predocutorial Trainees Supported by This Training Grant (TGE) A/B/C	Postdoctoral Trainees in Department / Program (Supported by Any NIH Training Grant)	Postdoctoral Trainees With Participating Faculty (TGE) A/B/C	For Renewal Applications, Postdoctoral Trainees Supported by This Training Grant (TGE) A/B/C
Dept. of Biology	45	14	38 (15)	12 (6) 1/1/0	2 (2) 1/0/0	50 (5)	15 (7) 1/0/0	2 (2) 0/0/0
Neuroscience Program	32	20	31 (20)	14 (7) 2/0/1	4 (4) 0/1/0	40 (7)	23 (10) 0/0/1	2(2) 1/0/0
Dept. of Pharmacology	25	5	30 (10)	5 (3) 1/0/0	3 (3) 0/0/0	28 (0)	12 (6) 0/0/1	0 (0) 0/0/0
Totals	N/A	N/A	99 (45)	31 (16) 4/1/1	9 (9) 1/1/0	108 (12)	50 (23)	4 (4) 1/0/0

Table 1 Instructions: Provide the total number of current faculty members, predoctoral trainees, and postdoctoral trainees in each participating department/program. Indicate the number of faculty members participating in this training grant application, the numbers of predoctoral and postdoctoral trainees with the participating faculty, and in parenthesis put the number of these trainees who are Kirschstein-NRSA training grant eligible (TGE). For renewal applications, include the number of trainees currently supported by the training grant. Faculty members may count as part of both their primary department and an interdepartmental program(s). Predocutorial and postdoctoral trainees count only once and should be associated with a single department or program. Include the number of TGE predoctoral and postdoctoral trainees who are from underrepresented groups that fulfill the diversity requirement: TGE predoctoral and postdoctoral trainees who are underrepresented minorities (Group A), who are individuals with disabilities (Group B), or who are individuals from disadvantaged backgrounds (Group C). Individuals may be counted in more than one of these groups as appropriate, however, individuals beyond the undergraduate level should be counted in Group C only under extraordinary circumstances and with prior approval from the Public Health Service.

Rationale: This table provides insight into the environment in which training will take place. It allows reviewers to assess whether the program has the "critical mass" (trainees, faculty and other research personnel, and representation/distribution of scientific disciplines) to be successful.

**Table 2. Participating Faculty Members
(Alphabetically by Faculty Member)**

Name/Degree(s)	Rank	Primary (& Secondary) Appointment(s)	Role in Program	Research Interest
Abrams-Johnson, Jane, PhD	Asst. Prof.	Pharmacology; (Biochemistry-Medical School)	Mentor	Regulation of Synthesis of Biogenic Amines
Jones, Lisa S., MD	Res. Asst. Prof.	Microbiology and Immunology (Neuroscience Program)	Mentor Exec Com	Protein Structure, Folding, and Immunogenicity
Sandoz, J. Miguel, MD, PhD	Assoc. Prof.	Neuroscience Program	Mentor	Developmental Genetics in Drosophila
Thomas, C. James, III, PhD	Prof. & Chr.	Biochemistry and Molecular Biophysics	Program Director	Molecular and Genetic Analysis of RNA Viruses

- **Table 2 Instructions:** List each training faculty member with his/her degree(s), academic rank, primary departmental affiliation and secondary appointments, role in the proposed training grant program, and research interests that are relevant to this program.
- **Rationale:** This information allows reviewers to assess the distribution of junior versus senior faculty and clinical versus basic scientists participating in the training program, as well as their distribution by department. The data concisely summarize the scientific areas of the training faculty.

Table 3. Institutional Training Grant Support Available to Participating Faculty Members, Department(s), or Program(s)

Title of Training Grant	Funding Source Including Identifying Number	Active or Pending Project Period	Program Director (Department)	Predoctoral Trainees Supported This Year	Postdoctoral Trainees Supported This Year	Short-Term Trainees Supported This Year	Total No. of Participating Faculty	Names of Overlapping Faculty
Bioimmunotherapy Training Grant	T32 CA05964-11	06/02-07/07	Baker, A. (Pathology)	12			25	Abelson Brown Fields Johnson Sung Watson
Pharmacological Sciences	T32 GM04823-01	Pending	James, C. (Pharmacology)	10			19	Jones Jenson Watson
Genetic Basis of Mental Illness	T32 MH02708-07	06/03-07/08	Johnson, A. (Psychiatry)	4	4		7	Johnson Watson
Totals	N/A	N/A	N/A	26	4	0	51	N/A

- **Table 3 Instructions:** List all current and pending training support available to the participating faculty members, department(s) or programs(s). For each grant, include the title of the training grant; funding source and complete identifying number; status (active or pending) and dates of the entire project period; name of the program director and department; number(s) of training positions (predoctoral, postdoctoral, and short term), number of participating faculty members; and list overlapping participating faculty members, who are also named in this application.
- **Rationale:** This table will permit an evaluation of the level of support for training available to each of the participating departments/programs and the extent to which the proposed training grant overlaps with or duplicates available training grant support. It is useful in determining the number of training positions to be awarded.
- **Website for UNC T32 list:** <http://www.med.unc.edu/www/research/preparation-assistance-forms>

**Table 4. Grant and Contract Support of the Participating Faculty Members
(Alphabetically by Faculty Member)**

Faculty Member	Source of Support, Grant Number and Status	Faculty Member Role on Project and Grant Title	Project Period Active	Current Year Direct Costs Awarded
Jones, J.	NIH 1 R01 CA76259-01 *	PI - Structure and Function of Acetylcholine Receptors	05/09-05/014 *	\$190,000
Jones, J.	NIH 5 K08 AI00091-03	PI - Purification & Identification of Receptors	11/03-11/08	\$140,000
Mack, T.	American Heart Assoc.	PI - Control of Angiogenesis	03/05-03/08	\$185,000
	NSF PCM 80-12935 (D. Stockton, PD/PI)	Co-PI - Cell Culture Center	12/06-12/09	\$180,000
PENDING	NIH P01 CA71802 (D. Stockton, PD/PI)	Project Leader of Subproject 4: "Genetic Control of Cell Division"	10/05-10/09	\$165,000
Smith, J.	None			
Zachary, A.	NIH U01 AI-28507 *	PI – Human Monoclonal Antibodies as a Therapy for Staphylococcal Enterotoxin	07/09-07/14 *	\$200,000 (\$3 million)

- Table 4 Instructions:** For each participating faculty member, list active and pending research grant and contract support from all sources (including Federal, non-Federal, and institutional research grant and contract support) that will provide the context for research training experiences, but excluding research training grants. If none, state "None." Include the source of support and grant number; role of the participating faculty member (PD/PI, co-PD/PI, etc.) in the grant; title, status (use an asterisk (*) to indicate pending sources of support) and dates of the entire project period; and the current year annual direct costs. If the source of support is part of a multiple project grant (for example, a P01), additionally identify the PD/PI of the overall project, and provide the above information for that component of the grant with which the faculty member is associated. For grants with major budget changes in future years such as clinical trials, include the total direct costs of the award in parentheses.
- 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 members in terms of their active research support.

**Table 5. Pre- and Postdoctoral Trainees of Participating Faculty Members
(Alphabetically by Faculty Member for the Past Ten Years)**

Faculty Member	Past / Current Trainee	Trainee Name (Where Training Occurred)	Pre / Post Level	Training Period	Prior Academic Degree(s)	Prior Academic Degree Year(s)	Prior Academic Degree Institution(s)	Title of Research Project	Current Position of Past Trainees / Source of Support of Current Trainees
Abbott-Miller, Jane	Past	Schwartz, A. (Cornell)	Pre	94-99	BA	94	U. of WI	Role of Transcription Factor X in Synaptic Plasticity	Asst. Scientist, Scripps Research Foundation
Abbott-Miller, Jane	Past	**Jones, J. (Cornell)	Pre	95-00	AB	93	Grinnell	Protein kinase signaling cascades in C elegans	Res. Assoc. Prof. Microbiol., U CA, Berkeley
Abbott-Miller, Jane	Past	Howard, R.	Post	98-01	PhD	98	Purdue	Excision Repair in Multiple Myeloma Cells	Postdoc, Pathology, Yale, lab of I.M. Sickly
Abbott-Miller, Jane	Current	**Baker, A.	Pre	04-	BS	04	Cornell	Gene Expression in Drosophila	NIH 2 T32 GM05964-06
Abbott-Miller, Jane	Current	Smith, D.	Post	05-	PhD	05	U. of CT	DNA Repair and Chemical Carcinogenesis	NIH 1 F32 ES06942-01
Zyskind, J. Quincy	Past	None							
	Current	None							

Table 5 Instructions: For each participating faculty member, list in groups all past and current predoctoral and postdoctoral trainees for whom the faculty member was/is the thesis advisor or sponsor (past 10 years only). Indicate in parentheses under the trainee name where the pre- or postdoctoral training with the faculty member occurred, if at a different institution. Exclude medical interns and residents unless they are heavily engaged in laboratory research. For each trainee indicate: whether at the predoctoral or postdoctoral level; the training period; previous institution, degree, and year awarded prior to entry into training; title of the research project; and for past students, their current positions or for current students, their source of support. In renewal applications, denote trainees who were or are supported by this training grant with a double asterisk (**).

Rationale: The data in this table permit an evaluation of the success of the proposed faculty in facilitating the progression of students in their research careers, the ability of the faculty to commit appropriate time to mentoring additional trainees, and the institutions from which their trainees are selected.

**Table 6. Publications of Research Completed by Trainees (or Potential Trainees)
(List Pre/Postdoctoral and Past/Current Trainees Separately in Each Group)**

Pre / Post	Past / Current	Name of Trainee (Years in Program)	Mentor(s)	Publication (Authors, Year, Title, Journal, PMID)
Pre	Past	Brown, B.** (1996-2001)	Jones	Brown, B. and Jones J., 2001, "Repeated Sequences in Drosophila," J. Mol. Biol., 242:503-510. Corman, T., Walker, J.D., and Brown, B. , 1999, "Ontogeny of Tolerance to Alloantigens," Am. J. Anat., 146:156 (abstract).
Pre	Past	Thompson, P.** (1995-2000)	Berg	Miter, M.H., Owens, R., Thompson, P. , and Berg, L., 1998, "Insulin Treatment of Diabetic Rats," J. Comp. Neurol., 373:350-378.
Pre	Past	Wand, D. (1998-2003)	Layback	No Publications
Pre	Current	Samuels, J.* (2004-)	Peters	Samuels, J. and Peters M., 2007, "Molecular Analysis of RNA Viruses," Molecular Biology of the Cell, Vol. 11, 12-18.
Pre	Current	Greenstein, M.** (2004-)	Chu	Greenstein, M. , and Chu, J., 2006, "Sympathetic Noradrenergic Innervation of Drosophila," Genetics (In press).
Pre	Current	Smith, B.** (2006-)	Neustaff	No Publications
Post	Past	Green, V.** (1999-2001)	Smith	Green, V. and Smith, S., 2001, "Repeated Sequences in Xenopus," J. Mol. Biol., 244:103-110. Smith, S., Watkins, J.D., and Green, V. , 2000, "Tolerance to Alloantigens in Frogs," Am. J. Anat., 146:156 (abstract).
Post	Past	Thomas, P.** (2000-2002)	Berg	Miter, M.H., Owens, R., Thomas, P. , and Berg, L., 2002, "Insulin Deficiency in Diabetic Rats," J. Nutrition, 373:350-378.
Post	Past	Schultz, H. (2001-2003)	Easygai	No Publications
Post	Current	Samuels, J.* (2006-)	Peters	Samuels, J. and Peters M., 2007, "Molecular Analysis of DNA Viruses," Molecular Biology of the Cell, Vol. 11, 12-18.
Post	Current	Greenstuff, M.** (2005-)	Chew	Greenstuff, M. , and Chew, J., 2006, "Non-digestible fibre influences bioavailability of vitamins", J. Pharm Sci. (In press).
Post	Current	Jones, W.** (2007-)	Newpeeye	No Publications

Table 6. Publications of Research Completed by Trainees (or Potential Trainees)

- **Instructions:** List ALL publications of predoctoral and (or) postdoctoral trainees resulting from their period of training in the faculty member's laboratory or in association with the training program for the past 10 years. List abstracts only if a more complete publication has not appeared and label these clearly as abstracts. Boldface the trainee's name in the author list. For Renewal applications list ALL trainees currently or previously supported by the training grant (and representative trainees who are clearly associated with the training program) for the past 10 years. For New Applications, for representative potential trainees, list ALL publications resulting from their period of training with the participating faculty mentors or the training program. Designate Kirschstein-NSRA training grant eligible trainees (TGE) by an asterisk (*). Designate those supported by this training grant with a double asterisk (**). Group predoctoral trainees separately from postdoctoral trainees. Group past trainees separately from current trainees. Sort entries within each group by year of entry into graduate program or postdoctoral position. In parenthesis, include the year the trainee started graduate or postdoctoral studies, and if appropriate, when they completed their program. Indicate the trainee's current mentor(s) if chosen, then list trainee publications, followed by abstracts in chronological order.

When citing articles that fall under the Public Access Policy, were authored or co-authored by the trainee and arose from NIH support, provide the NIH Manuscript Submission reference number (e.g., NIHMS97531) or the PubMed Central (PMC) reference number (e.g., PMCID234567) for each article. If the PMCID is not yet available because the Journal submits articles directly to PMC on behalf of their authors, indicate "PMC Journal - In Process." A list of these Journals is posted at: http://publicaccess.nih.gov/submit_process_journals.htm.

- **Rationale:** This information provides an indicator of trainee productivity, research quality, and priority of authorship; and the success of faculty members in facilitating trainee publication.

Table 7A. Admissions and Completion Records for the Participating Departments and Programs During the Past Five Years (Predoctoral Applicants)

Department / Program	Entering Year	Applicants Applied (TGE) A	Applicants Accepted (TGE) A	Applicants Enrolled (TGE) A/B/C	Trainees Still in Program (TGE) A/B/C	Trainees Completed Program PhD or MD/PhD (TGE) A/B/C	Trainees Completed Program Other Degree (TGE) A/B/C	Trainees Left Program (TGE) A/B/C	Reason for Leaving Program (training not completed)
Dept of Biochemistry	2003	8 (5) 0	6 (4) 0	4 (3) 0/3/1	2 (1) 0/0/0	1 (1) 0/0/0	0 (0) 0/0/0	1 (1) 0/0/0	Changed career interests
Dept of Biochemistry	2004	9 (7) 1	6 (4) 10	5 (3) 0/0/0	4 (3) 0/0/0	1 (1) 0/0/0	0(0) 0/0/0	0 (0) 0/0/0	
Dept of Biochemistry	2005	10 (6) 2	8 (5) 1	5 (3) 1/0/0	4 (3) 0/0/0	0 (0) 0/0/0	MS 1 1/0/0	0 (0) 0/0/0	Medical school
Dept of Biochemistry	2006	12 (9) 3	10 (6) 1	8 (5) 1/0/0	6 (4) 0/0/0	0 (0) 0/0/0	0 (0) 0/0/0	2 (1) 0/0/0	1—industry job ; 1-reasons unknown
Dept of Biochemistry	2007	15 (12) 4	10 (8) 2	8 (6) 2/1/0	8 (6) 2/1/0	0 (0) 0/0/0	0 (0) 0/0/0	0 (0) 0/0/0	
Interdepart-mental Grad. Prog. in Genetics	2003	125 (9) 5	24 (18) 0	18 (15) 0/0/0	5 (4) 00/0	12 (11) 0/0/0	0 (0) 0/0/0	1 (0) 0/0/0	Went to BME PhD program
	2004	123 (91) 3	22 (17) 1	16 (16) 1/0/0	10 (10) 0/0/0	4 (4) 0/0/0	0 (0) 0/0/0	2 (2) 1/0/0	1-transferred other prog.; 1-med. school
	2005	122 (85) 5	21 (19) 0	17 (16) 0/0/0	14 (14) 0/0/0	0 (0) 0/0/0	MS 1 0/0/0	2 (1) 0/0/0	1—industry job ; 1-dental school
	2006	130 (83) 5	35 (22) 4	20 (19) 3/0/0	18 (17) 2/0/0	0 (0) 0/0/0	0 (0) 0/0/0	2 (2) 1/0/0	1-transferred training prog; 1-teaching high school
	2007	128 (78) 6	32 (20) 3	17 (16) 1/1/0	17 (16) 1/1/0	0 (0) 0/0/0	0 (0) 0/0/0	0 (0) 0/0/0	

**Table 7A. Admissions and Completion Records for the Participating Departments and Programs During the Past Five Years
(Predoctoral Applicants)**

- **Instructions:** List for each participating department/program for each of the past 5 years, the following information: number(s) of individuals who have formally applied for training; have been accepted for admission; enrolled; are still in the program; completed the program; and left the program. In parenthesis put the number of the trainees in each group who were Kirschstein-NRSA training grant eligible (TGE). Where indicated, include the number of TGE trainees who were underrepresented minorities (Group A), the number of the TGE trainees who were individuals with disabilities (Group B), and the number of the TGE trainees who were individuals from disadvantaged backgrounds (Group C), keeping in mind that individuals beyond the undergraduate level should be counted in Group C only under extraordinary circumstances and with prior approval from the Public Health Service. Do not include students admitted solely to obtain master's degrees. For those who left the program without completing their training, include the reason for leaving the program. Sort applicants by department/program and then by year.
- **Rationale:** These data permit evaluation of the participating departments/programs abilities to recruit and retain predoctoral trainees through the completion of their PhD requirements. The data permit separate analyses of total trainees, TGE trainees, and the diversity of the trainees. These data are useful in determining the selectivity of the admissions process, the success of recruitment and retention of trainees from diverse backgrounds, and the appropriate number of training positions to be awarded.

**Table 7B. Admissions and Completion Records for the Participating Departments and Programs During the Past Five Years
(Postdoctoral Applicants)**

Department / Program	Entering Year	Degree Type	Applicants Applied (TGE) A	Applicants Accepted (TGE) A	Applicants Entered Program (TGE) A/B/C	Trainees Still in Program (TGE) A/B/C	Trainees Completed Program (TGE) A/B/C	Trainees Left Program (TGE) A/B/C	Reason for Leaving Program (if training was not completed)
Department of Pathology	2006	PhD	6(4) 0	3 (3) 0	1 (1) 0/1/0	1 (1) 0/1/0	0 (0) 0/0/0	0 (0) 0/0/0	
Department of Pathology	2006	MD	4 (3) 1	3 (2) 1	2 (1) 1/0/0	2 (1) 1/0/0	0 (0) 0/0/0	0 (0) 0/0/0	
Department of Pathology	2006	MD/PhD	4 (4) 0	3 (2) 0	3 (2) 0/1/0	2 (1) 0/1/0	0 (0) 0/0/0	1 (1) 0/0/0	1 career change – law school
Department of Pathology	2006	List Other Relevant	1 (1) 0	0 (0) 0	0 (0) 0/0/0	0 (0) 0/0/0	0 (0) 0/0/0	0 (0) 0/0/0	
Department of Pathology	2006	Total	15 (12) 2	9 (7) 1	6 (4) 1/2/0	5 (3) 1/2/0	0 (0) 0/0/0	1 (1) 0/0/0	
Department of Pathology	2007	PhD	8 (6) 2	7 (6) 1	6 (5) 1/0/0	5 (4) 1/0/0	0 (0) 0/0/0	1 (1) 0/0/0	1 left for industry
Department of Pathology	2007	MD	3 (3) 1	2 (2) 1	1 (1) 1/0/0	1 (1) 1/0/0	0 (0) 0/0/0	0 (0) 0/0/0	
Department of Pathology	2007	MD/PhD	2 (2) 0	2 (2) 0	2 (2) 0/1/0	2 (2) 0/1/0	0 (0) 0/0/0	0 (0) 0/0/0	
Department of Pathology	2007	DDS	3 (2) 0	2 (2) 0	2 (1) 0/0/1	2 (1) 0/0/1	0 (0) 0/0/0	0 (0) 0/0/0	
Department of Pathology	2007	Total	16 (13) 3	13 (12) 2	11 (9) 2/1/1	10 (8) 2/1/1	0 (0) 0/0/0	1 (1) 0/0/0	
Department of Pathology	2008	PhD	10 (9) 2	8 (7) 1	6 (5) 1/0/1	3 (3) 0/0/1	1 (1) 0/0/0	2(1) 1/0/0	1-teaching position; 1-job in industry
Department of Pathology	2008	MD	4 (3) 1	4 (3) 1	3 (2) 1/0/1	3 (2) 1/0/1	0 (0) 0/0/0	0 (0) 0/0/0	
Department of Pathology	2008	MD/PhD	5 (4) 0	4 (3) 0	3 (3) 0/1/0	3 (3) 0/1/0	0 (0) 0/0/0	0 (0) 0/0/0	

Department / Program	Entering Year	Degree Type	Applicants Applied (TGE) A	Applicants Accepted (TGE) A	Applicants Entered Program (TGE) A/B/C	Trainees Still in Program (TGE) A/B/C	Trainees Completed Program (TGE) A/B/C	Trainees Left Program (TGE) A/B/C	Reason for Leaving Program (if training was not completed)
Department of Pathology	2008	DVM	1 (0) 0	0 (0) 0	0 (0) 0/0/0	0 (0) 0/0/0	0 (0) 0/0/0	0 (0) 0/0/0	
Department of Pathology	2008	Total	20 (16) 3	16 (13) 2	12 (10) 2/1/2	9 (8) 1/1/2	1 (1) 0/0/0	2 (1) 1/0/0	

- Table 7B Instructions:** List for each participating department/program for each of the past 5 years, the following information: number(s) of individuals who have formally applied for training; have been accepted for admission; enrolled; are still in the program; completed the program; and left the program. In parenthesis put the number of these trainees in each group who were Kirschstein-NRSA training grant eligible (TGE). Where indicated, include the number of the TGE trainees who were underrepresented minorities (Group A), the number of the TGE trainees who were individuals with disabilities (Group B), and the number of the TGE trainees who were individuals from disadvantaged backgrounds (Group C), keeping in mind that individuals beyond the undergraduate level should be counted in Group C only under extraordinary circumstances and with prior approval from the Public Health Service. For those who left the program without completing their training, include the reason for leaving the program. Sort applicants by department/program, year of application, and type of degree.

Programs that select postdoctoral trainees exclusively from candidates who apply to academic department(s) or programs (e.g., Department of Hematology or Interdepartmental Program in Cancer Therapeutics) rather than into individual laboratories, should provide data for each participating department/program. Include only those postdoctoral applicants who could be considered candidates for the proposed training program. Programs that select trainees exclusively from candidates who are recruited directly to the laboratories of the proposed faculty mentors should list only those candidates who were actually in the laboratories of the faculty mentors and considered for the program. Please indicate in a footnote which system of recruitment is used by this program.

- Rationale:** These data permit evaluation of the abilities of the participating departments/programs to recruit and retain postdoctoral trainees through the completion of their training. The data permit separate analyses of total trainees, TGE trainees, and the diversity of the trainees. These data are useful in determining the selectivity of the admissions process, the success of recruitment and retention of trainees from diverse backgrounds, and the appropriate number of training positions to be awarded.

Table 8A. Qualifications of Recent Predoctoral Applicants

Year	Department / Program	Applicant (List by Number)	Previous Institution(s)	Degree(s) & Year(s)	GRE Scores V, Q, Adv (Percentiles) and/or MCAT Scores	Undergrad GPA	Interviewed (Y/N)	Accepted (Y/N)	Enrolled (Y/N)	Support from this Grant (Y/N)
2007	Medical Scientist Training Program	1*	U. of WI	BSN '06	12, 11, Q, 10	3.63	Y	Y	Y	Y
2007	Medical Scientist Training Program	2*	Stanford	BS '06	11, 13, N, 11	3.72	Y	Y	N JHU	N
2007	Medical Scientist Training Program	3	Yale U Wash U	BA '05 MS '06	10, 9, O, 11 660 680 740	3.78	Y	N	N	N
2007	Molecular Biophysics Program	1*	U. of IL	BS '06	700 730 720	4.0	Y	Y	Y	Y
		2*	Rutgers	BS '07	710 690 680	3.36	Y	Y	Y	Y
		3	Berkeley	BS '07	680 710 720	3.68	Y	Y	N UCSF	N
		4*	U. of TX	BS '07	720 690 750 (97%)(79%)(85%)	3.73	Y	Y	N JHU	N
		5*	Tufts U.	BS '06	650 670 630	3.32	N	N	N	N
		6	U. of Kyoto	BS '05	480 710 720 0	N/A	N	N	N	N

Program Statistics

Total Number of Applicants	Number of TGE Applicants	Applicants Interviewed	Applicants Accepted	Applicants Enrolled	Applicants Supported By This Grant	Average GRE / MCAT Scores	Average GPA
9	6	7	6	3	3	11, 11, 11 702 705 718	3.65

Table 8A. Qualifications of Recent Predoctoral Applicants

- **Instructions:** List the qualifications and application outcomes of predoctoral applicants to each participating department/program for the most recent year. Applicants should be listed anonymously and identified by a number in sequence, rather than by name, to safeguard privacy. Indicate applicants who are Kirschstein-NRSA training grant eligible (TGE) with an asterisk (*). For each applicant, provide: previous institution(s) attended, degree(s) and year awarded; GRE scores (and/or percentiles) or MCAT scores; and GPA normalized to a 4.0 scale. Indicate which applicants were or were not interviewed; accepted; and enrolled. For those who declined an offer of admission, indicate the institution in which they enrolled, if this is known. For renewal applications, indicate those applicants who have been or are currently supported by this grant. Sort applicants by department/program and then in the following order: 1) those who enrolled; 2) those who were accepted, but did not enroll; 3) those who were interviewed, but not offered admission; and 4) any additional applicants that would have been seriously considered for admission, if sufficient funds were available to support them.
At the bottom of the table include summary statistics: average GRE and/or MCAT scores and average GPAs of all applicants listed; and total numbers of students interviewed, offered admission, and enrolled. Indicate the numbers in each group who were TGE. Average GRE and/or MCAT scores and average GPAs for students who were accepted, and for those who enrolled, would also be useful to include.
- **Rationale:** The data provided in this table will permit an evaluation of the quality and depth of the applicant pool. The data permit separate analyses for TGE and non-TGE applicants. These data are useful in determining the selectivity of the admissions process, the competitiveness of the program, and the appropriate number of training positions to be awarded.

Table 8B. Qualifications of Recent Postdoctoral Applicants

Year	Department/ Program	Applicant (List by Number)	Previous Institution	Degree(s) & Year(s)	Doctoral Thesis or Other Research Experience & Research Advisor (if relevant)	Residency Training Institution PGY	Offered Position (Y/N)	Entered Program (Y/N)	Support from this Grant (Y/N)
2007	Pathology	1*	U. of WI	DVM '05	Inhibitors of Nitric Oxide Synthase; James, L.	Pathology Cornell Vet PGY2	Y	Y	Y
2007	Pathology	2*	Stanford	MD '06	Pharmacogenetics of anesthetics in wound healing; Jones, J.	Anesthesiology UCSF PGY1	Y	N UNC	N
2007	Pathology	3	Yale U.	MD '06	G Protein Coupled Receptors; Wilson, G.	Pediatrics Harvard PGY1	Y	N	N
2007	Molecular Biophysics Program	1*	U. of IL	PhD '06	Developmental Genetics in Drosophila Smith, J	N/A	Y	Y	Y
		2*	Rutgers	PhD '06	Regulation of NF-kB; Felman, R.	N/A	Y	Y	Y
		3	Berkeley	PhD '06	Molecular and Genetic Analysis of RNA Viruses; Thomas, JC	N/A	Y	Y	N
		4*	Baylor	MD '06	P53 mutations; Johns, L	Oncology Mount Sinai PGY2	Y	N UCSD	N
		5*	Tufts U.	PhD. '05 MD '07	Genetics of Neuronal Cell Division; Crocker, S	Neurology MGH PGY1	N	N	N
		6	U/of Kyoto	DPhil'07	Regulation of Gene Expression; Roberston	N/A	N	N	N

Instructions: List the qualifications and application outcomes of recent postdoctoral applicants to each participating department/program. Applicants should be listed anonymously and identified by a number in sequence, rather than by name, to safeguard privacy. Indicate applicants who are Kirschstein-NRSA training grant eligible (TGE) with an asterisk (*). For each applicant, provide: previous institutions(s) attended, degree(s) and year awarded; thesis research topic or other research topic (if relevant) and research advisor; and residency training (when appropriate), including area of specialization, institution, and PGY. Indicate whether applicants were or were not offered admission and whether they entered the program. For renewal, indicate those applicants who have been or are currently supported by this grant. Sort applicants by department/program, year of application, and then list those who entered followed by those who did not enter.

Table 8B. Qualifications of Recent Postdoctoral Applicants

Instructions cont.: Programs that select postdoctoral trainees exclusively from candidates who are recruited to academic department(s) or programs (e.g., Department of Hematology or Interdepartmental Program in Cancer Therapeutics) rather than into individual laboratories, should provide data for each participating department/program. Include only those postdoctoral applicants who could be considered candidates for the proposed training program. Programs that select trainees exclusively from candidates who are recruited directly to the laboratories of the proposed faculty mentors should list only those candidates who are in the laboratories of the faculty mentors and considered for the program. Please indicate in a footnote which system of recruitment is used by this program.

Rationale: The data provided in this table will permit an evaluation of the quality and depth of the applicant pool. The data permit separate analyses for TGE and non-TGE applicants. These data are useful in determining the selectivity of the admissions process, the competitiveness of the program, and the appropriate number of training positions to be awarded.

Table 9A. Qualifications of the Current Predoctoral Trainees Clearly Associated with the Training Program

Department / Program	Trainee (List by Number)	Previous Institution(s)	Degree(s) & Year(s)	GRE Scores / (Percentiles) V, Q, Adv and/or MCAT Scores	Undergraduate GPA	Current Research Mentor	Years in Program	Calendar Years Appointed to This Grant
Biochem	1*	U. of WI	BSN '06	680 720 750	3.63	Jones, J.	'07-present	None
Genetics	2*	MIT	BS '06	12, 12, R, 14	3.72	Huerta, X.	'05-present	'06-'07
Genetics <i>Program Statistics</i>	3*	U. Penn Wash. U.	BA '05 MS '07	700 710 640 (96% 82% 84%)	3.75	Felman, R.	'07-present	'06-present
Genetics <i>Program Statistics</i>	4	U. Mich.	BA '07	650 710 630 (80% 92% 83%)	3.34	TBN	'07-present	None

- Program Statistics**

Total Number of Trainees	Number of TGE Trainees	Average GRE / MCAT Scores	Average GPA
4	3	690, 705, 695 12, 12, R, 14	3.61

- Instructions:** List the qualifications of ALL predoctoral trainees currently participating in the activities of the program (including trainees who have not yet chosen a mentor), regardless of source of support or year of training. Trainees should be listed anonymously and identified by a number in sequence, rather than by name, to safeguard privacy. Indicate applicants who are Kirschstein-NRSA training grant eligible (TGE) with an asterisk (*). For renewal applications, include all trainees supported by the training grant in any year of their studies and include equivalent trainees from the same training cohort. For New Applications, include trainees whose training experience is similar to that for the proposed training grant program. For each trainee, list: department/program of entry; previous institutions(s), degree(s) and year awarded; GRE scores (and/or percentiles) and/or MCAT scores; undergraduate GPA; current research mentor; and years in the training program. For renewal applications, list years of support for those appointed to the training grant. Sort trainees by year of admission into the program, then by department/program through which they were recruited. Group Kirschstein-NRSA training grant eligible (TGE) trainees first, followed by non-TGE trainees. At the bottom of the table, include summary statistics: average GRE and/or MCAT scores and average GPAs of all trainees and summary totals for all trainees and TGE trainees.
- Rationale:** These data are useful in determining the number and quality of all trainees currently enrolled in the program, and their distribution by department and mentor. For renewal applications, these data highlight the selectivity of appointments to the training grant over time. These data are useful in determining the appropriate number of training positions to be awarded.

Table 9B. Qualifications of the Current Postdoctoral Trainees Clearly Associated with the Training Program

Department / Program	Trainee (List by Number)	Previous Institution(s)	Degree(s) & Year(s)	Doctoral Thesis or Other Previous Research Experience & Research Advisor (If Relevant)	Residency Training Institution	Current Research Mentor	Years in Program	Calendar Years Appointed to This Grant
Clin Pharm	1*	U. Penn	DVM '05	Pharmacogenetics of anesthetics in wound healing. Jones, J.	Penn	Smith	'07-present	None
Neurosci	2*	University	MD. '03	G Protein Coupled Receptors Wilson, G.	Michigan	Green	'06-present	'06-07
Neurosci	3*	U. of Michigan	MD '06	Physiology of CCK Evans, K.	Internal Washington	Jones	'06-present	'06-present
Biochemistry	4*	U.	PhD '02 MD '04	Inhibitors of Nitric Oxide Synthetase James, L.	Cardiology UTSW	Johnson	'05-06	'05-07
Medicine	5*	University	PhD '05	Regulation of NF-kB Felman, R.		Diaz	'05-present	None
Pathology	6	University	MD '05	None	Hematology UAZ	Valentino	'06-present	None

Program Statistics

Total Number of Trainees	Number of TGE Trainees
6	5

- **Instructions:** List the qualifications of ALL postdoctoral trainees currently participating in the activities of the program (including trainees who have not yet chosen a mentor), regardless of source of support or year of training. Trainees should be listed anonymously and identified by a number in sequence, rather than by name, to safeguard privacy. Indicate applicants who are Kirschstein-NRSA training grant eligible (TGE) with an asterisk. For renewal applications, include all trainees supported by the training grant in any year of their studies and include equivalent trainees from the same training cohort. For new applications, include trainees whose training experience is similar to that for the proposed training grant program. For each trainee, list: department/program of entry; previous institution(s), degree(s) and year awarded; thesis research topic or other previous research experience (if relevant) and research advisor; current research mentor; and years in the program. For renewal applications, list years of support for those appointed to the training grant. Sort trainees by year of admission into the program, then by department/program through which they were recruited. Group Kirschstein-NRSA training grant eligible (TGE) trainees first, followed by non-TGE trainees. At the bottom of the table, include summary totals for all trainees and TGE trainees.
- **Rationale:** These data are useful in determining the number and quality of all trainees currently associated with the program, and their distribution by department and mentor. For renewal applications, these data highlight the selectivity of appointments to the training grant over time. These data are useful in determining the appropriate number of training positions to be awarded.

Table 10: Admissions and Completion Records for Underrepresented Minority (URM) Trainees, Trainees with Disabilities, and Trainees from Disadvantaged Backgrounds Clearly Associated With the Training Program

Diversity Recruitment Group	Trainee (List by Number)	Entering Year (Pre/Post)	Department / Program	Source of Support and if Support by NRSA Grant	In Training	Completed Training	Left Without Completing Training	Current Status Career or Employment
URM Trainees	1*	2006 (Pre)	Genetics	T32 GM001122 F31		Y		Postdoctoral Trainee UCSF
URM Trainees	1*	2007 (Post)	Cell Biology	University Fellowship Research			Y	Mentor and student moved to another institution
URM Trainees	1*	2007 (Post)	Chemistry	Lectureship	Y			
Trainees With Disabilities	1*	2004 (Pre)	Pharmacology	T32 GM001144 F31		Y		Postdoctoral Trainee NYU
Trainees With Disabilities	2*	2006 (Post)	Cell Biology	R01			Y	Career Change
Trainees With Disabilities	3	2007 (Post)	Medicine	Research Associate	Y			
Trainees From Disadvantaged Backgrounds	1*	2005 (Pre)	Genetics	T32 GM001155 F31		Y		Postdoctoral Trainee U. Chicago

- Instructions:** List anonymously by number all underrepresented minority (URM) trainees, trainees with disabilities, and trainees from disadvantaged backgrounds (previously defined) who have been or are currently clearly associated with the training program for the past 5 years, regardless of their source of support. For renewal applications, include all trainees supported by the training grant in any year of their studies and include equivalent trainees from the same training cohort. For New Applications, include trainees whose training experience is similar to that for the proposed training grant program. Indicate their year of entry, whether predoctoral or postdoctoral trainee, entering department/program, and all sources of support during their training with the program (bold grant number if for this training grant). Indicate their current status (i.e., in training, completed training, or left without completing training). For those who have left the program or completed training, include information about their subsequent career development or employment. Indicate Kirschstein-NRSA training grant eligible (TGE) trainees with an asterisk (*). For mixed training grant programs, list predoctoral trainees first and then postdoctoral trainees in each diversity category.
- Rationale:** The data provided in this table will permit evaluation of the success of the program in recruiting and retaining URM trainees, and analysis of their support, and begin to establish a record of NIH training of other Diversity Recruitment groups.

Table 11. Appointments to the Training Grant For Each Year of the Past Award (Renewal Applications Only)

Grant Year	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008
Predoctoral Positions Awarded (Months of Support)	10 (120)	12 (144)	14 (168)	14 (168)	14 (168)
Predoctoral Trainees Appointed (Months of Support Used)	10 (120)	131 (144)	14 (168)	132 (156)	14 (168)
Predoctoral URM Trainees Appointed (Months of Support)	1 (12)	2 (24)	(0)	1 (12)	1 (12)
Predoctoral Trainees with Disabilities Appointed (Months of Support)	1 (12)	0 (0)	1 (12)	2 (12)	0 (0)
Predoctoral Trainees from Disadvantaged Background Appointed (Months of Support)	0 (0)	0 (0)	0 (0)	0 (0)	1 (12)
Postdoctoral Positions Awarded (Months of Support)	4 (48)	4 (48)	4 (48)	4 (48)	4 (48)
Postdoctoral Trainees With MD Appointed	1	1	2	1	2
Postdoctoral Trainees With MD/PhD Appointed	2	1	1	0	0
Postdoctoral Trainees With PhD Appointed	1	1	0	1	2
Postdoctoral Trainees With Other Degree Appointed	0	DrPH	DrPH	PharmD	0
Postdoctoral Trainees Appointed (Months of Support Used)	4 (48)	4 (48)	4 (48)	3 (38)3	4 (48)
Postdoctoral URM Trainees Appointed (Months of Support)	1 (12)	2 (24)	0 (0)	1 (12)	1 (12)
Postdoctoral Trainees with Disabilities Appointed (Months of Support)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Postdoctoral Trainees from Disadvantaged Background Appointed (Months of Support)	0 (0)	0 (0)	0 (0)	0 (0)	1 (12)

Table 11. Appointments to the Training Grant For Each Year of the Past Award (Renewal Applications Only)

¹ One trainee left after 6 months and a second trainee was appointed for the remainder of the year.

² One position was not filled.

³ A fourth trainee was appointed, but fell ill and dropped out after 2 months. It was then too late to recruit a replacement trainee.

The sample data is for Institutes that allow trainees to be appointed for less than 12 months in a given budget year. Institute policies may vary. Check with the relevant IC specific program announcements and instructions.

- **Table 11 Instructions:** For each year of the grant since the last competing application, list the following: 1) total number of positions awarded in each training category and in parenthesis the number of months; 2) number of predoctoral trainees appointed and in parenthesis the number of months of support used; and 3) number of postdoctoral trainees appointed, with entering degrees, and in parenthesis the number of months used. Delete rows that are not relevant to the type of training support awarded. For both types of training position, indicate the number of trainees from underrepresented groups who are appointed and in parenthesis the months of support used. If any trainee positions were not filled, explain the reason in a footnote.
- **Rationale:** For renewal applications, the data provided in this table permits evaluation of the utilization of awarded training positions.

Table 12A. Predoctoral Trainees Supported by This Training Grant (Renewal Applications Only)
Predoctoral (and MSTP) Trainees (Listed Sequentially by Entering Class)
Enter Source(s) of Support and Academic Year for Each Grant Year

Trainee, Year of Entry Prior Degree & Institution (Mentor – Department / Program)	Grant Year -01 95-99	Grant Year -02 99-00	Grant Year -03 00-01	Grant Year -04 01-02	Grant Year -05 02-03	Grant Year -06 03-04	Grant Year -07 04-05	Grant Year -08 05-06	Grant Year -09 06-07	Grant Year -10 07-08	Title of Research Project or Research Topic	Degree(s) Received (Year)	Current Position and Institution (Grant Support Obtained)
Cox, C., 1994 BA, Cornell (Jones-Biochem.)	TG	TG	RG	RG/ TG3							Cloning of Human Globin Genes	MD, PhD (2002)	Asst. Prof. Hematology, (50% clin., 50% res., NIH K11)
Smith, J. G., 1995 BS, Iowa State U. (Gordon-MCB)	TG	TG	RG								Structural Studies of Membrane- Bound Proteins	M.S. (2001)	Parke-Davis (Lab. Tech.)
Johnson, J., 2002 BPharm, Duquesne (Jacobs-Virology)					TG2	TG	TG	RG	RG		Regulation of EBV Gene Expression	PhD (2007)	Postdoctoral Trainee w/C. Chen, UC-Davis
Smolock, Y., 2005 BS, UCLA (Rifkind-Genetics)								UF	UF	TG	Purine Synthesis Mutants in Mammalian Cells		In Training
Thomas, G., 2007 DVM, U. Penn (unassigned)										TG			In Training

Program Statistics

Percentage of Trainees Entering 10 Years Ago That Completed Ph.D.s	Average Time to Ph.D. for Students in the Last 10 Years (not including leaves of absence)
50%	6.5 years

- **Table 12 A Instructions:** List sequentially, by entering year, all trainees who were, or are, supported by this training grant (past 10 years only, if applicable). For each student provide: 1) name; 2) year of entry into the training program; 3) prior institution and degree at entry; 4) in parenthesis name of research mentor and department/program; 5) the source of support during each year of training, e.g., this training grant, another training grant (specify), research grant, university fellowship, individual fellowship (specify), etc.; 6) research topic; 7) degree and year awarded, and 8) for trainees who have completed the program, their current positions, rank and/or title and institutional affiliations, and grants obtained, if any. Enter all trainees who received support from this grant including those who did not complete the training program for any reason.
- In the Program Statistics section, report (1) the percentage of trainees entering 10 years ago that received Ph.D.s or equivalent research doctoral degrees, and (2) the average time to degree for all trainees completing Ph.D.s in the last ten years, calculated to one decimal place (e.g., 5.5 years), excluding any officially approved leaves of absence. In calculating these program statistics, students transferring to medical school or other doctoral-level professional programs should be included in the entering class, but not considered to have earned a Ph.D.-equivalent degree. For ease of computation, individuals transferring to or from Ph.D. programs in similar fields at other institutions should be excluded from both the entering and graduating cohorts in calculating completion and time to degree.
- Time to degree should be calculated as the period from enrollment in a doctoral degree program at the reporting institution to the conferral of a Ph.D. or equivalent research doctoral degree, less any officially approved leaves of absence. If a student earns a master's degree from the reporting institution prior to and in conjunction with fulfilling the requirements for the research doctoral degree, or an additional doctoral degree as part of a dual-degree program (e.g., M.D./Ph.D., D.D.S/Ph.D.), time to degree should be calculated from entry into the first degree program.
- For Non-Competing Continuation Progress Reports provide updated trainee information, reflecting new appointments and other changes over the reporting period. Do not include data that is older than ten years.
- Explain coding of source of support in a footnote. For example: TG = this training grant, RG = research grant, UF = university funds, TA= teaching assistantships, TG2 = another training grant (e.g., Neuroscience training), F = individual fellowships (e.g. university fellow, NRSA, NSF, foundations, etc.).
- **Rationale:** For renewal applications, this table provides detailed information about how predoctoral training positions are used (i.e., distribution by mentor, year in program, years of support per trainee). The data also permit an evaluation of the success of the program in achieving the training objectives of the prior award period(s) for up to 10 years.

Table 12B. Postdoctoral Trainees Supported by This Training Grant (Renewal Applications Only)

Postdoctoral Trainees (Listed Sequentially by Year of Entry)

Enter Source(s) of Support and Academic Year for Each Grant Year

Trainee, Year of Entry, Prior Degree & Institution (Mentor – Department / Program)	Grant Year -01 98-99	Grant Year -02 99-00	Grant Year -03 00-01	Grant Year -04 01-02	Grant Year -05 02-03	Grant Year -06 03-04	Grant Year -07 04-05	Grant Year -08 05-06	Grant Year -09 06-07	Grant Year -10 07-08	Title of Research Project or Research Topic	Degree or Certification (Year) or Other Relevant Outcome	Current Position and Institution (Grant Support Obtained)
Jones, C., 2001 MD, CWRU (Wu-Pharmacology)				PGY 1	PGY 2	TG	TG	PGY 5			Membrane Structures	N/A	Assistant Professor (Dept. Pharmacology) (R01 NIMH)
Rivera, M., 2002 MD-PhD, Yale (Frank-Pharmacology)					PGY 1	PGY 2	TG	TG	CCF	PGY 6	Transdermal Pharmacodynamics	Certificate of Clinical Investigation 2004	Pediatric Resident
Stone, V. 2004 PhD, Harvard (Hahn-Medicine)							TG	TG	RG	RG	Genetic Variation in Fruit Fly Nymphs	N/A	In Training

Instructions: List sequentially, by entering year, all trainees who were, or are, supported by this training grant (past 10 years only, if applicable). For each student provide: 1) name; 2) year of entry into the training program; 3) prior institution and degree at entry; 4) in parenthesis name of research mentor and department/program; 5) source of support during each year of training, e.g., this training grant, another training grant (specify), research grant, university fellowship, individual fellowship (specify), etc.; 6) research topic; 7) degree or certifications or other relevant outcomes completed during training and year awarded, and 8) for trainees who have completed the program, their current positions, rank and/or title and institutional affiliations, and grants obtained, if any. Enter all trainees who received support from this grant including those who did not complete the training program for any reason.

Explain coding of source of support in a footnote. For example: TG = this training grant, RG = research grant, UF = university funds, TG2 = another training grant (Neuroscience training), PGYn = postgraduate year (n) of internship or residence; F = individual fellowships (e.g. university fellow, NRSA, NSF, foundations, etc.); CCF = cancer clinical fellowship.

Rationale: For renewal applications, this table provides detailed information about how postdoctoral training positions are used (i.e., distribution by mentor, year in program, years of support per trainee). The data also permit an evaluation of the success of the program in achieving the training objectives of the prior award period(s) for up to 10 years.

HELPFUL WEBSITES

- NIH website with downloadable Tables

<http://grants.nih.gov/grants/funding/424/index.htm#DataTableInstruct>

- SOM website with T32 master tables

<http://www.med.unc.edu/www/research/preparation-assistance-forms>

Scroll down to Training Grant Tables. Listed are:

- ☐ T32 Faculty Lists [all UNC T32s for Table 3]
- ☐ Master 5-year Applicant Pool Table [Table 7A] – SOM units
- ☐ Master 5-year Applicant Pool Table [Table 7A] – non-SOM units
- ☐ Master Applicant Pool Table for current year [Table 8A]



UNC
SCHOOL OF MEDICINE

OVERVIEW PRESENTATION FOR TRAINING GRANTS

Training Overview

- Recruitment
 - » Applications on UNC SOM LCCC website
 - » Snapshot of Mentor Research
 - Where a Postdoc goes to find out which preceptor's lab best suits their research interest:
 - Link: <http://cancer.med.unc.edu/>
 - Click on **Training / Postdoctoral Fellowship**
 - Click on **Postdoctoral Fellowships in Basic Research**
 - Click on **Preceptors Information** and this will provide you with the preceptor's research field and other information.

Offer \ Acceptance Letter



UNC

LINEBERGER COMPREHENSIVE
CANCER CENTER
N.C. CANCER HOSPITAL

SAMPLE

March 17, 2010

John Doe
Department of Biophysics and Biochemistry
The University of North Carolina Chapel Hill
Chapel Hill, NC 27599-7295

Dear Dr. Doe,

We are happy to inform you that you have been accepted for a National Research Service Award as a trainee in the UNC Lineberger Comprehensive Cancer Center Postdoctoral Training Program for Grant Year 35. The dates of your appointment are April 1, 2010 through March 31, 2011. This appointment is renewable for an additional year, subject to review and approval. The NIH stipend is \$37,368. Dr. Cook will supplement this amount with \$3,678 making your total stipend \$41,046. Please signify your acceptance of this offer by signing below and returning the original copy to Mark Kramer, Administrative Director, Lineberger Cancer Center, 450 West Drive, CB 7295, Chapel Hill, NC 27599-7295. Please signify your acceptance of this offer by signing below and returning one copy. You will need to set up an appointment to meet with Mark by contacting his assistant, Linda Schroeder, at 919-966-2629, so that he can provide you with additional information and answer questions you might have.

I hope that you will be an active participant in the seminars, symposia, Postdoc-Faculty Research Day and other activities of the Cancer Center. As a trainee you will be expected to apply for individual fellowships, and these applications must be submitted through Lineberger Comprehensive Cancer Center. If you have any questions please call Francene Hayes at (919) 966-8644 or email her at francene_hayes@med.unc.edu.

We look forward to having you as part of the Center and hope you will enjoy a thoroughly rewarding experience at the University of North Carolina. Congratulations!

Sincerely,

Joseph S. Pagano, M.D.
Director, Lineberger Comprehensive Cancer Center
Postdoctoral Fellowship Training Program

Candice M. Carlile, Ph.D.

Date

cc: Bernard Weissman, Ph.D.
Jean Cook, Ph.D.
Mark Kramer
Francene Hayes

Joseph S. Pagano, MD
Lineberger Professor of Cancer Research and Director Emeritus
The University of North Carolina at Chapel Hill
450 West Drive, CB# 7295
Chapel Hill, NC 27599-7295

Tel: 919-966-5907 Fax: 919-966-8673 Email: Joseph_Pagano@med.unc.edu



UNC

SCHOOL OF MEDICINE

Meeting with Trainee

- » Postdoc appointment for 3 years maximum
- » Must be a US citizen or have a green card
- » Payroll – Rank 27 and Object Code 6578
- » Verification of Ph.D.
- » Research Allowance/Travel

Form Approved Through 06/30/2012
OMB No. 0925-0001

Department of Health and Human Services
Public Health Services
Statement of Appointment
(Please Type)

1. PHS GRANT NUMBER Type Activity ID Serial No.	2. APPOINTEE'S NAME (Last, first, initial)	3. SEX <input type="checkbox"/> M <input type="checkbox"/> F	
4. TYPE OF ACTION (Check only one type) <input type="checkbox"/> NEW appointment (NOT previously supported by this grant) <input type="checkbox"/> REAPPOINTMENT (Previously supported by this grant) <input type="checkbox"/> AMENDMENT of Items checked: <input type="checkbox"/> 2 <input type="checkbox"/> 9 <input type="checkbox"/> 15 <input type="checkbox"/> 20	5. PRIOR NRSA SUPPORT (Individual or Institutional) <input type="checkbox"/> NO <input type="checkbox"/> YES (If "Yes," see instructions)		
6. SOCIAL SECURITY NO. XXX-XX-	7. BIRTHDATE (Month, day, year)		
8. CITIZENSHIP (See Instructions) <input type="checkbox"/> U.S. Citizen or Noncitizen National Non-U.S. Citizen <input type="checkbox"/> With a Permanent U.S. Resident Visa ("Green Card") <input type="checkbox"/> With a Temporary U.S. Visa If not a U.S. citizen, of which country are you a citizen?	9. PERMANENT MAILING ADDRESS E-mail		
10. Are you Hispanic (or Latino)? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> Do Not Wish to Provide			
11. What is your racial background? Check one or more <input type="checkbox"/> American Indian or Alaska Native <input type="checkbox"/> Native Hawaiian or other Pacific Islander <input type="checkbox"/> Asian <input type="checkbox"/> Black or African American <input type="checkbox"/> White <input type="checkbox"/> Do Not Wish to Provide	12. Do you have a disability? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> Do Not Wish to Provide If yes, which of the following categories describe your disability(ies): <input type="checkbox"/> Hearing <input type="checkbox"/> Mobility/Orthopedic Impairment <input type="checkbox"/> Visual <input type="checkbox"/> Other		
13. Are you from a disadvantaged background? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> Do Not Wish to Provide		15. PERIOD OF APPOINTMENT (Month, day, year) From: To:	
14. FIELD OF RESEARCH TRAINING OR CAREER DEVELOPMENT (for this appointment) Enter a 4 digit code from Instructions: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			
16. EDUCATION – AFTER HIGH SCHOOL (Indicate all academic and professional education. For foreign degrees, give U.S. equivalent.)			
(a) Name of Institution and Location (List most recent first)	(b) Degree(s) Received Degree Mo./Yr.	(c) Major Field	(d) Minor Field

17. NAME OF SPECIALTY BOARDS (if applicable)

18. DEGREE(S) SOUGHT ☐ YES ☐ NO if yes, indicate type of degree

Are you in a dual degree program (e.g., M.D./Ph.D.)? ☐ YES ☐ NO

19. EXPECTED COMPLETION DATE OF DEGREE REQUIREMENTS (if applicable)

20. SUPPORT FOR PERIOD OF APPOINTMENT

TYPE	Total for this Grant (Omit cents)
Stipend / Salary / Other Compensation	\$
Tuition/fees (estimated)	\$
Travel (estimated)	\$
TOTAL	\$

21. STATEMENT OF NONDELINQUENCY ON U.S. FEDERAL DEBT. Is the appointee delinquent on the repayment of any U.S. Federal debt(s)?

☐ NO ☐ YES (If "Yes," please explain below.)

22. CERTIFICATION AND ACCEPTANCE: I certify that the statements herein are true and complete to the best of my knowledge and that I will comply with all applicable Public Health Service terms and conditions governing my appointment. I am aware that any false, fictitious or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties.

(a) SIGNATURE OF APPOINTEE	(b) DATE
----------------------------	----------

23. This individual is qualified for this program and is eligible to receive financial support for the period specified above. A copy of this appointment form will be given to the individual.

(a) SIGNATURE OF PROGRAM DIRECTOR	(b) DATE
-----------------------------------	----------

(c) TYPED NAME OF PROGRAM DIRECTOR

(d) INSTITUTION'S NAME, ADDRESS, AND PHONE NO.
(Street, city, state, zip code)

Stipend Level Computation Table

Stipend Levels		
		1 Year
MARC (F/S)		7,980
MARC (J/S)		11,172
PRE		21,180
POST		
	**0	37,740
	1	39,756
	2	42,624
	3	44,304
	4	45,960
	5	47,940
	6	49,836
	7	52,068

CURRENT TRAINING RELATED EXPENSES levels – Note: these levels apply to all new competing training grant awards and T5s where FY06 was competing.

For training grant awards where FY05 was competing, use the previously committed level.

Predoctoral Trainees: \$4,200

Postdoctoral Trainees: \$7,850

CURRENT INSTITUTIONAL ALLOWANCE FOR INDIVIDUAL FELLOWS

(Non-Federal Public & Private Institutions/Domestic & Foreign (Federal & For Profit Institutions)

Predoctoral fellows: \$4,200

Predoctoral fellows: \$3,100

Postdoctoral fellows: \$7,850

Postdoctoral fellows: \$6,750

**Years of relevant experience at entry.

1000 I. Predominantly Non-Clinical or Lab-Based Research Training

1100 BIOCHEMISTRY

- 1110 Biological Chemistry
- 1120 Bioenergetics
- 1130 Enzymology
- 1140 Metabolism

1200 BIOENGINEERING

- 1210 Bioelectric/Biomagnetic
- 1220 Biomaterials
- 1230 Biomechanical Engineering
- 1240 Imaging
- 1250 Instrumentation and Devices
- 1260 Mathematical Modeling
- 1270 Medical Implant Science
- 1280 Nanotechnology
- 1290 Rehabilitation Engineering
- 1310 Tissue Engineering

1400 BIOPHYSICS

- 1410 Kinetics
- 1420 Spectroscopy
- 1430 Structural Biology
- 1440 Theoretical Biophysics

1500 BIOTECHNOLOGY

- 1510 Applied Molecular Biology
- 1520 Bioprocessing and Fermentation
- 1530 Metabolic Engineering

1600 CELL AND DEVELOPMENTAL BIOLOGY

- 1610 Cell Biology
- 1620 Developmental Biology

1700 CHEMISTRY

- 1710 Analytical Chemistry
- 1720 Bioinorganic Chemistry
- 1730 Bioorganic Chemistry
- 1740 Biophysical Chemistry
- 1750 Medicinal Chemistry
- 1760 Physical Chemistry
- 1770 Synthetic Chemistry

1900 ENVIRONMENTAL SCIENCES

2000 GENETICS

- 2010 Behavioral Genetics
- 2020 Developmental Genetics
- 2030 Genetic Epidemiology
- 2040 Genetics of Aging
- 2050 Genomics
- 2060 Human Genetics
- 2070 Molecular Genetics
- 2080 Population Genetics

2200 IMMUNOLOGY

- 2210 Asthma and Allergic Mechanisms
- 2220 Autoimmunity
- 2230 Immunodeficiency
- 2240 Immunogenetics
- 2250 Immunopathology
- 2260 Immunoregulation
- 2270 Inflammation
- 2280 Structural Immunology
- 2290 Transplantation Biology
- 2310 Vaccine Development

2400 MICROBIOLOGY AND INFECTIOUS DISEASES

- 2410 Bacteriology
- 2420 Etiology
- 2430 HIV/AIDS
- 2440 Mycology
- 2450 Parasitology
- 2460 Pathogenesis of Infectious Diseases
- 2470 Virology

2600 MOLECULAR BIOLOGY

2800 NEUROSCIENCE

- 2810 Behavioral Neuroscience
- 2820 Cellular neuroscience
- 2830 Cognitive neuroscience
- 2840 Communication Neuroscience
- 2850 Computational Neuroscience
- 2860 Developmental Neuroscience
- 2870 Molecular Neuroscience
- 2880 Neurochemistry
- 2890 Neurodegeneration
- 2910 Neuropathology
- 2920 Systems/Integrative Neuroscience

3100 NUTRITIONAL SCIENCES

3200 PHARMACOLOGY

- 3210 Molecular Pharmacology
- 3220 Pharmacodynamics
- 3230 Pharmacogenetics
- 3240 Toxicology

3300 PHYSIOLOGY

- 3310 Aging
- 3320 Anesthesiology (basic science)
- 3330 Endocrinology (basic science)
- 3340 Exercise Physiology (basic science)
- 3350 Integrative Biology
- 3360 Molecular Medicine
- 3370 Physiological Optics
- 3380 Reproductive Physiology

3500 PLANT BIOLOGY

3600 PSYCHOLOGY, NON-CLINICAL

- 3610 Behavioral Communication Sciences
- 3620 Behavioral Medicine (non-clinical)
- 3630 Cognitive Psychology
- 3640 Developmental and Child Psychology
- 3650 Experimental & General Psychology
- 3660 Mind-Body Studies
- 3680 Neuropsychology
- 3690 Personality and Emotion
- 3710 Physiological Psychology & Psychobiology
- 3720 Psychology of Aging
- 3730 Psychometrics
- 3740 Psychophysics
- 3750 Social Psychology

3900 PUBLIC HEALTH

- 3910 Disease Prevention and Control
- 3920 Epidemiology
- 3930 Health Economics

3940 Health Education

- 3950 Health Policy Research
- 3960 Health Services Research
- 3970 Occupational and Environmental Health

4100 RADIATION, NON-CLINICAL

- 4110 Nuclear Chemistry
- 4120 Radiation Physics
- 4130 Radiobiology

4200 SOCIAL SCIENCES

- 4210 Anthropology
- 4220 Bioethics
- 4230 Demography & Population Studies
- 4240 Economics
- 4250 Education
- 4260 Language and Linguistics
- 4270 Sociology

4400 STATISTICS AND/OR RESEARCH METHODS AND/OR INFORMATICS

- 4410 Biostatistics and/or Biometry
- 4420 Bioinformatics
- 4430 Computational Science
- 4440 Information Science
- 4450 Clinical Trials Methodology

4600 TRAUMA, NON CLINICAL

5000 OTHER, Predominantly Non-Clinical or Lab-Based Research Training

6000 II. Predominantly Clinical Research Training (can include any degree)

6100 ALLIED HEALTH

- 6110 Audiology
- 6120 Community Psychology
- 6130 Exercise Physiology (clinical)
- 6140 Medical Genetics
- 6150 Occupational Health
- 6160 Palliative Care
- 6170 Physical Therapy
- 6180 Pharmacy
- 6190 Social Work
- 6210 Speech-language Pathology
- 6211 Rehabilitation

6400 DENTISTRY

6500 CLINICAL DISCIPLINES

- 6510 Allergy
- 6520 Anesthesiology
- 6530 Behavioral Medicine (clinical)
- 6540 Cardiovascular Diseases
- 6550 Clinical Laboratory Medicine
- 6560 Clinical Nutrition
- 6570 Clinical Pharmacology
- 6580 Complementary and Alternative Medicine
- 6590 Clinical Psychology
- 6610 Connective Tissue Diseases
- 6620 Dermatology
- 6630 Diabetes
- 6640 Gastroenterology
- 6650 Endocrinology
- 6660 Immunology



6670 Gene Therapy (clinical)
6680 Geriatrics
6690 Hematology
6710 HIV/AIDS
6820 Infectious Diseases
6830 Liver Diseases
6840 Metabolic Diseases
6850 Nephrology
6860 Neurology
6870 Ophthalmology
6880 Nuclear Medicine
6890 OB-GYN

6910 Oncology
6920 Orthopedics
6930 Otorhinolaryngology
6940 Preventive Medicine
6950 Radiation, Interventional
6960 Pulmonary Diseases
6970 Radiology, Diagnostic
6980 Rehabilitation Medicine
6990 Psychiatry
7110 Surgery
7120 Trauma
7130 Urology

7300 PEDIATRIC DISCIPLINES
7310 Pediatric Endocrinology
7320 Pediatric Hematology
7330 Pediatric Oncology
7340 Pediatric, Prematurity & Newborn

7500 NURSING

7700 VETERINARY MEDICINE

**8000 OTHER, Predominantly Clinical
Research Training**

Payback Agreement – only for post-docs

Form Approved Through 06/30/2012

OMB No. 0925-0002

Ruth L. Kirschstein National Research Service Award Payback Agreement

To be completed by Trainees and Fellows before beginning the first 12 months of postdoctoral support
(Completed form should be mailed to the awarding Federal Agency Grants Management Office named in the Notice of Award)

**This agreement is an important condition of award.
Please read carefully before signing.**

Introduction—Section 1802 of the NIH Revitalization Act of 1993, which was signed into law on June 10, 1993, contains provisions which substantially modify the service payback requirements for individuals receiving Ruth L. Kirschstein National Research Service Awards (NRSA). These modifications apply to individuals beginning Kirschstein-NRSA-supported appointments or fellowship awards on or after June 10, 1993. Under these requirements:

- Predoctoral Kirschstein-NRSA recipients will not incur a payback obligation;
- Postdoctoral Kirschstein-NRSA recipients will incur a payback obligation only during the initial 12 months of postdoctoral Kirschstein-NRSA support;
- Postdoctoral Kirschstein-NRSA recipients in the 13th or subsequent months of Kirschstein-NRSA support do not incur any additional payback obligation.

Under the new requirements, payback obligations stemming from postdoctoral Kirschstein-NRSA support may be discharged in the following ways:

- By receiving an equal period of postdoctoral Kirschstein-NRSA support beginning in the 13th month of such postdoctoral Kirschstein-NRSA support;
- By engaging in an equal period of health-related research, research training, and/or health-related activities that averages at least 20 hours per week based on a full work year;
- By engaging in an equal period of health-related teaching that averages at least 20 hours per week based on a full work year.

Kirschstein-NRSA appointments or individual awards will be governed by the service payback requirements articulated in the National Research Service Award Guidelines. These guidelines can be found in the NRSA portion of the most recent version of the NIH Grants Policy Statement found at: <http://grants.nih.gov/grants/policy/policy.htm>.

For additional questions regarding the Payback Agreement contact:

NRSA Payback Service Center
Phone: (301) 594-1835 or (866) 298-9371
nrsapaybackcenter@mail.nih.gov

I. SERVICE REQUIREMENT

In accepting a Ruth L. Kirschstein National Research Service Award to support my postdoctoral research training, I understand that my first 12 months of Kirschstein-NRSA support for postdoctoral research training carries with it a payback obligation. I hereby agree to engage in a month of health-related research, health-related research training, or health-related teaching for each month I receive Kirschstein-NRSA support for postdoctoral research training up to and including 12 months. If I receive Kirschstein-NRSA support for postdoctoral research training for more than 12 months, I agree that the 13th month and each subsequent month of Kirschstein-NRSA-supported postdoctoral research training will satisfy a month of my payback obligation incurred in the first 12 months. This service shall be initiated within 2 years after termination of Kirschstein-NRSA support. The research, teaching, and/or health-related activities shall be on a continuous basis and shall average at least 20 hours per week of a full work year. For information regarding deferral of the NRSA obligation due to participation in the NIH Loan Repayment Program see: <http://www.lrp.nih.gov>.

II. FINANCIAL PAYBACK PROVISIONS

I understand that if I fail to undertake or perform such service in accordance with Section I, the United States will be entitled to recover from me an amount determined in accordance with the following formula:

$$A = F [(t-s)/t]$$

Where "A" is the amount the United States is entitled to recover; "F" is the sum of the total amount paid to me under the initial 12 months of my postdoctoral Ruth L. Kirschstein National Research Service Award support; "t" is the total number of months in my service obligation; and "s" is the number of months of such obligation served.

Except as provided in Section III below, any amount the United States is entitled to recover from me shall be paid within the 3-year period beginning on the date the United States becomes entitled to recover such amount. The United States becomes entitled to recover such amount 2 years after termination of my Ruth L. Kirschstein National Research Service Award support if I do not engage in

acceptable service payback activities in accordance with Section I. If I elect to engage in financial repayment before the end of the 2-year period, the United States becomes entitled to recover such amount on the date of my election. Interest on the amount begins on the date the United States becomes entitled to recover such amount and is at the rate fixed by the Secretary of the Treasury after taking into consideration private consumer rates prevailing on that date. I understand that I will be allowed an initial 30-day interest-free period in which to fully pay such amount, and that I may prepay any outstanding balance after that period to avoid additional interest. I further understand that I will be subject to authorized debt collection action(s) (including any accrued interest and late fees) should I fail to comply with the payback provisions of this Section II.

III. CONDITIONS FOR BREAK IN SERVICE, WAIVER, AND CANCELLATION

I hereby understand that the Secretary of Health and Human Services:

- A. May extend the period for undertaking service, permit breaks in service, or extend the period for repayment, if it is determined that:
 1. Such an extension or break in service is necessary to complete my clinical training or to participate in a NIH Loan Repayment Program;
 2. Completion would be impossible because of temporary disability; or
 3. Completion would involve a substantial hardship and failure to extend such period would be against equity and good conscience;
- B. May waive my obligation, in whole or in part, if it is determined that:
 1. Fulfillment would be impossible because I am permanently and totally disabled; or
 2. Fulfillment would involve a substantial hardship and the enforcement of such obligation would be against equity and good conscience;

C. Will, in the event of my death, cancel any obligation incurred under this payback agreement.

IV. TERMINATION NOTICE – ANNUAL REPORT OF EMPLOYMENT – CHANGE OF ADDRESS AND/OR NAME

I agree to complete and submit a Termination Notice (PHS 416-7) immediately upon completion of Kirschstein-NRSA support. Thereafter, on an annual basis I agree to complete and submit Annual Payback Activities Certification forms sent to me by the awarding Federal Agency concerning post-award activities, and agree to keep the awarding Federal Agency advised of any change of address and/or name until such time as my total obligation is fulfilled.

V. PROGRAM EVALUATION

I understand that I may also be contacted from time to time, but no more frequently than once every 2 years, after the termination of this award to determine how the training obtained has influenced my career. Any information thus obtained would be used only for statistical purposes and would not identify me individually.

VI. CERTIFICATION

By signing the certification block below, I certify that I have read and understood the requirements and provisions of this assurance and that I will abide by them if an award is made.

NIH estimates that it will take 5 minutes to complete this form. This includes time for reviewing the instructions, gathering needed information, and completing and reviewing the form. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. If you have comments regarding this burden estimate or any other aspect of this burden, send comments to: NIH, Project Clearance Office, 6705 Rockledge Drive MSC 7974, Bethesda, MD 20892-7974, ATTN: PRA (0925-0002). DO NOT RETURN THE COMPLETED FORM TO THIS ADDRESS.

Name (Last, first, middle):		Social Security No (Required):	
Signature:		Date:	
Support received under the awarding Federal agency Award/Grant Number:			
Mailing Address:			
E-mail:			

- Reappointments
- Terminations – send to OSR for signing
- OSR – To receive copies of forms
 - » Statement of Appointment Form for Postdocs
 - » Fellowship Activation Notice together with Payback Agreement
 - » Statement of Re-appointment Form

Fellowship Activation Notice

Form Approved Through 06/30/2012

OMB No. 0925-0002

Department of Health and Human Services
Public Health Service

Ruth L. Kirschstein National Research Service Award Individual Fellowship Activation Notice

FELLOWSHIP NUMBER

DATE FELLOW ENTERED ON DUTY (Month, day, year)

- All fellows must complete this form for the first year of their fellowship, indicating their start date under the fellowship and other requested information. Fellows training at Federal and foreign institutions who are paid directly by the Public Health Service must complete this form for EACH year of the fellowship. For the latter, use the fellowship number and the entry date for the latest year, and provide mailing addresses.
- Send the signed original of the completed form to the awarding agency using the address provided in the Notice of Award. This should be submitted immediately after the fellow enters on duty. Keep a copy; one will not be returned. This form may be filled out online and then printed for submission to PHS. It also may be downloaded, printed, and completed with a typewriter.
- An appropriate statement regarding degrees (certified by degree-granting institution) MUST be attached if such contingency appears on the award notice.
- For Ruth L. Kirschstein National Research Service Award fellows in their first 12 months of postdoctoral support, a signed payback agreement MUST accompany this form.
- No funds may be disbursed until the fellow enters on duty and the proper forms are submitted to PHS.
- As a condition of this activation, all NRSA fellows agree to complete and submit a Termination Notice (PHS 416-7) immediately upon completion of support.

NIH estimates that it will take 5 minutes to complete this form. This includes time for reviewing the instructions, gathering needed information, and completing and reviewing the form. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. If you have comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, send comments to: NIH, Project Clearance Office, 6705 Rockledge Drive MSC 7974, Bethesda, MD 20892-7974, ATTN: PRA (0925-0002). DO NOT RETURN THE COMPLETED FORM TO THIS ADDRESS.

NAME OF FELLOW (Last, first, middle)

HIGHEST DEGREE(S)

NAME OF SPONSORING INSTITUTION

RETURN TO:

The awarding agency using the address provided on the Notice of Award. Contact the assigned Grants Management Specialist for questions.

Fellows Sponsored by (training at) Federal or Foreign Institutions*

FULL ADDRESS WHERE CHECKS SHOULD BE MAILED

RESIDENTIAL ADDRESS (Street, City, State, Zip Code)

* Foreign-sponsored fellows are encouraged to have monthly stipend checks deposited in a financial institution located in the United States because of past delays encountered in foreign mail deliveries. Fellows are responsible for making the financial arrangements of their choosing; include account number, name, and mailing address of the financial institution above. Annual income statements will be mailed to the residential address.

REQUIRED SIGNATURES

FELLOW	E-MAIL	PHONE NO.	DATE
SPONSOR	E-MAIL	PHONE NO.	DATE
INSTITUTIONAL BUSINESS OFFICIAL	E-MAIL	PHONE NO.	DATE

DO NOT WRITE IN THIS BLOCK (For PHS use only)

AWARD PERIOD From: _____ Through: _____		COMMON ACCOUNTING NO.	SOCIAL SECURITY NO. XXX-XX-
(FOR DIRECT PAY FELLOWS) STIPEND (monthly) \$ _____ Total \$ _____		SPECIAL INSTRUCTIONS PREPARED BY: _____ DATE: _____	
TRAVEL \$ _____			
OTHER \$ _____			
TOTAL PAYMENT _____ [®] \$ _____			

PHS 416-5 (Rev. 6/09)



UNC
SCHOOL OF MEDICINE

Tracking Trainees

Sample Postdocs Tracking Information Chart

Applicant Name	Prev. Instit. & Degree(s) & Year(s) Awarded	Doctoral Thesis & (Res. Adv.)	Inquiry Date	Applied Date	Interview Date	Accepted in Prog. Date (Y or N)	Entered in Prog. Date & (Lab)	Still in Prog. Y - N	Completed Training Prog. Date	Left Prog. Date (including if training was not completed)
Jane Doe	Temple U. BS - 2003 Johns H. PhD - 2009	The synthesis of free and PCNA-bound polyubiquitin chains (G. Clooney)	10/1/09	11/5/09	12/1/09	12/30/09 (Y)	4/1/10 (J. Cook)	Y		
John Doe	Kenyon Coll. BA – 2004 U. of WA PhD - 2010	The Role of Ral GTPases in human oncogenic transformation (G. Butler)	5/5/09	6/10/09	6/30/09	8/28/10 (Y)	9/1/10 (J. Pagano)	N	N	Left program because she relocated and is working for industry

Tracking Chart

Table 7B. Admissions and Completion Records for the Participating Departments and Programs During the Past Five Years (Postdoctoral Applicants)

Lineberger Entering Year	Numbers of Applicants				Outcomes of Those Who Entered Program			
	Degree Type	Applied (TGE) A/B/C	Accepted (TGE) A/B/C*	Entered Program (TGE) A/B/C	Still in Program (TGE) A/B/C	Completed Training (TGE) A/B/C **	Left Program (TGE) A/B/C	Reason for Leaving Program (if training was not completed)
2005-2006	47 PhD 3 MD 1 MD/PhD 1 DVM	52	23	22	0	22		
2006-2007	51 PhD 3 MD 1 MD/PhD	55	23	22	0	20	2	1 to industry 1 to consultancy
2007-2008	44 PhD 4 MD	48	24	24	0	24		
2008-2009	39 PhD 2 MD 1 DVM	43	24	24	14	10		
2009-2010*	17 PhD 1 MD	18	18	13	13	0		

- 2009-2010 includes only the period 7/1-9/15/09 of current training grant cycle.

*We define the accepted category as those candidates who were offered admission to the training program, regardless of their final decision. Therefore, candidates accepted in the latter part of the funding year may enter the program in the subsequent funding year.

**Completed training is for each year entered, as students initially accepted for 2 years still have to re-apply to the program for their 2nd year.

Tracking Chart — Page 1

Table 8B. Qualifications of Recent Postdoctoral Applicants

Year Department or Program	Applicant (List by Number)	Previous Institution(s)	Degree(s) & Year(s) Awarded	Doctoral Thesis or Other Research Experience & Research Advisor (If Relevant)	Residency Training Institution PGY	Offered Position (Y/N)	Entered Program (Y/N)	Support from this Grant (Y/N)
1*	Washington U. EKU	PhD, 2007 BS, 1999	Functional implications revealed by structure of a fungal virulence factor. Goldman, W.E.	N/A	Y	Y	Y	
2*	Wake Forest Univ.	PhD, 2007	The role of inflammation in tumor promotion and as a target of chemoprevention of lung cancer Miller, M.S.	N/A	Y	Y	Y	
3*	Wake Forest Univ.	PhD, 2007	Role of the SV5 P/V gene products in controlling viral gene expression and induction of host antiviral responses Parks, G.	N/A	Y	Y	Y	
4*	LSUHSC- Shreveport	PhD, 2007	Role of endothelial cells in human cytomegalovirus dissemination and pathogenesis Yurochko, A.	N/A	Y	Y	Y	
5*	Albany Medical College	PhD, 2007	uPAR regulation of fibronectin matrix assembly McKeown-Longo, P.	N/A	Y	Y	Y	

Tracking Chart — Page 2

Table 8B. Qualifications of Recent Postdoctoral Applicants

33*	Pennsylvania State Univ. Moravian College	PhD, 2009 BS, 2003	Rational design and chemistry of RNA molecules with a highly shifted pK _a s Bevilacqua, P.D.	N/A	Y	Y	Y
34*	Harvard Univ. Duke Univ.	PhD, 2009 BS, 2002	IL-21 induces apoptosis of antigen-specific CD8 ⁺ T lymphocytes Letvin, N.	N/A	N	N	N
35*	Univ. of Michigan Univ. of Illinois at Urbana-Champaign	PhD, 2009 BS, 2003	Normal TCR signal transduction in mice that lack catalytically active PTPN3 protein tyrosine phosphatase King, P.D.	N/A	N	N	N

We have provided information on those applicants that were deemed appropriate to interview. However, for those that contacted us that did not meet our standards we did not retain their information. In the future we will keep information on all those that contact us.

SYSTEM OF RECRUITMENT:

Individuals may apply to either the LCCC postdoctoral training program or to an individual preceptor's laboratory.

*Kirschstein-NRSA Eligible



T32 PROGRESS REPORTS

ERA COMMONS - SEARCH BY PI



Welcome monika_caruso
Institution: UNIVERSITY OF NORTH
CAROLINA CHAPEL HILL

Version Authority: AO

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Status Result - General Search ?

1 - 3 of 3 1							
Application ID	Grants.gov Tracking #	Proposal Title	PI Name	Application Status	Budget Start Date	Show All Prior Errors	Action
5R13CA138138-02 (MPI)		Workshop for Junior Biostatisticians in Health Research	HERRING, AMY H	Awarded. Non-fellowships only	01/01/2010		
5T32ES007018-33		Biostatistics for Research in Environmental Health	HERRING, AMY H	Awarded. Non-fellowships only	07/01/2009		
5T32ES007018-34		Biostatistics for Research in Environmental Health	HERRING, AMY H	Pending	07/01/2010		Progress Report

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Department of
Health
and Human Services

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ERA COMMONS - GRANT STATUS INFORMATION

Status Information

General Grant Information		Other Relevant Documents ?
Status:	Pending administrative review. Refer any questions to Program Official or Grants Management Specialist.	e-Application
Institution Name:	UNIVERSITY OF NORTH CAROLINA at CHAPEL HILL	Progress Report Face Page
School Name:	GILLINGS SCHOOL OF GLOBAL PUBLIC HEALTH	Additions for Review (0 documents)
School Category:	SCHOOLS OF PUBLIC HEALTH	
Division Name:	NONE	
Department Name:	BIostatISTICS	
PI Name:	HERRING, AMY H	
Application ID:	5T32ES007018-34	
Proposal Title:	Biostatistics for Research in Environmental Health	
Proposal Receipt Date:	12/02/2009	
Last Status Update Date:	06/29/2009	
Budget Start Date:	07/01/2010	
Budget End Date:	06/30/2011	
Progress Report Due Date:	12/01/2009	
Current Award Notice Date:		
Application Source:	Paper	
Project Period Begin Date:	07/01/1977	
Project Period End Date:	06/30/2012	
eApplication Status:		
FOA:	[PA02-109] - NIH NATIONAL RESEARCH SERVICE AWARD INSTITUTIONAL RESEARCH TRAINING GRANTS	
NIH Appl. ID:	7884443	

Status History		Institute or Center Assignment
Effective Date	Status Message	Assignment Date
		NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES (Primary) 06/29/2009

Application Information		Study Section	Advisory Council(AC) Information
Award Document Number:	TES007018G	Scientific Review Group:	EHS
FSR Accepted Code:	N	Council Meeting Date(YYYY/MM):	2010/00
Snap Indicator Code:			
Early Stage Investigator Eligible:			
New Investigator Eligible:			

Reference Letter(s)
This list shows Reference Letters associated with this particular Grant Application. Principal Investigator can see a list of all Reference Letters within Personal Profile - Reference Letters section on eRA Commons



Non-Competing Continuation Progress Report

PHS 2590 (Revised 06/2009)

See the [NIH Guide Notice NOT-OD-09-139](#) for important changes to this version.

All notable changes made to PHS 2590 are listed at the [bottom of this page](#) (updated 1/12/2010).

DOWNLOADABLE INSTRUCTIONS AND FORM FILES

Some of the MS Word and PDF files are large and may take a few minutes to download.

PHS 2590 Instructions - 06/2009 Revision [\[MS Word\]](#) (468 KB) [\[PDF\]](#) (371 KB)

These instructions may be used for all PHS 2590 progress reports, and use of the 06/2009 revision is mandatory for reports submitted on or after October 1, 2009.

PHS 2590 Fillable Forms - 06/2009 Revision

The links below allow for downloading of individual and combined form files in MS Word and PDF formats. Please see the [Adobe Acrobat or PDF Forms](#) section of the "[Help Downloading Files](#)" page for information on using the fillable PDF forms.

Fillable Individual PHS 2590 Forms - 06/2009 Revision

If you are using the NIH eSNAP (electronic Streamlined Non-competing Award Process) to electronically prepare and submit your Non-competing (T-5) SNAP progress report, do not use these PHS2590 fillable form pages for any file uploads. Text inserted into the fillable form pages is not saved once the progress report is submitted to NIH. Guidance on eSNAP submission is documented in the eSNAP User Guide found at: <http://era.nih.gov/commons/index.cfm>. Questions on eSNAP submission should be directed to commons@od.nih.gov.

Form Page 1: Face Page	MS Word (77 KB)	PDF (275 KB)
Form Page 1-continued: Additional form if Multiple PIs are proposed	MS Word (54 KB)	PDF (245 KB)
Project/Performance Site Format Page - use only if additional space is needed	MS Word (92 KB)	PDF (269 KB)
Form Page 2: Detailed Budget for Next Budget Period	MS Word (89 KB)	PDF (312 KB)
Form Page 3: Budget Justification	MS Word (39 KB)	PDF (164 KB)
Biographical Sketch	MS Word (38 KB)	PDF (599 KB)
Biographical Sketch Sample	MS Word (61 KB)	PDF (48 KB)
Form Page 5: Progress Report Summary	MS Word (47 KB)	PDF (255 KB)
Form Page 6: Checklist	MS Word (55 KB)	PDF (457 KB)
Form Page 7: All Personnel Report	MS Word (103 KB)	PDF (289 KB)
Continuation Page	MS Word (36 KB)	PDF (202 KB)
Targeted/Planned Enrollment Format Page	MS Word (57 KB)	PDF (267 KB)
Inclusion Enrollment Report Format Page	MS Word (95 KB)	PDF (325 KB)
Other Support Format Page: Example	MS Word (47 KB)	PDF (38 KB)

Fillable National Research Service Award (NRSA) Individual Forms

NRSA Additional Budget Page 2	MS Word (54 KB)	PDF (240 KB)
Trainee Diversity Report	MS Word (99 KB)	PDF (320 KB)
2590 Data Table 12A	MS Word (34 KB)	
2590 Data Table 12B	MS Word (32 KB)	
Sample Data Tables 12A and 12B	MS Word (53 KB)	PDF (55 KB)

Combined PHS 2590 Forms File

Does NOT include the Biographical Sketch page, Continuation Page, or any of the Sample/Example pages (Biosketch Sample, Other Support Sample). See Individual Form file links above.

[Combined PHS 2590 Forms File MS Word](#) (275 KB)

[Combined PHS 2590 Forms File PDF](#) (491 KB)



PHS 2590 PROGRESS REPORT - FACE PAGE

Form Approved Through 06/30/2012

OMB No. 0925-0001

Department of Health and Human Services Public Health Services <h2 style="text-align: center;">Grant Progress Report</h2>	Review Group EHS	Type 5	Activity T32	Grant Number 5 T32 ES007018-34
	Total Project Period			
	From: 07/01/1977		Through: 06/30/2012	
	Requested Budget Period			
From: 07/01/2010		Through: 06/30/2011		

1. TITLE OF PROJECT Biostatistics for Research in Environmental Health		
2a. PROGRAM DIRECTOR / PRINCIPAL INVESTIGATOR (Name and address, street, city, state, zip code) Amy H. Herring University of North Carolina at Chapel Hill Department of Biostatistics, CB#7420 Chapel Hill, NC 27599-7420		2b. E-MAIL ADDRESS aherring@bios.unc.edu
		2c. DEPARTMENT, SERVICE, LABORATORY, OR EQUIVALENT Biostatistics
		2d. MAJOR SUBDIVISION Gillings School of Global Public Health
		2e. Tel: 919-843-6368 Fax: 919-966-3804
3a. APPLICANT ORGANIZATION (Name and address, street, city, state, zip code) The University of North Carolina at Chapel Hill Office of Sponsored Research 104 Airport Dr., Suite 2200, CB#1350 Chapel Hill, NC 27599-1350		3b. Tel: 919-966-3411 Fax: 919-962-3352
		3c. DUNS: 608195277
		4. ENTITY IDENTIFICATION NUMBER 1566001393A1
5. NAME, TITLE AND ADDRESS OF ADMINISTRATIVE OFFICIAL Margaret Vigiolo, Assoc Vice Chancellor for Research OSR, 104 Airport Dr., Suite 2200, CB#1350 Chapel Hill, NC 27599-1350		
Tel: 919-843-7780 Fax: 919-962-3352		
E-MAIL: resadminosr@unc.edu		
6. HUMAN SUBJECTS <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Next Page)		
6a. Research Exempt <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	If Exempt ("Yes" in 6a): Exemption No.	If Not Exempt ("No" in 6a): IRB approval date
6b. Federal Wide Assurance No. FWA-4801		
6c. NIH-Defined Phase III Clinical Trial <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		
7. VERTEBRATE ANIMALS <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		10. PROJECT/PERFORMANCE SITE(S)
7a. If "Yes," IACUC approval Date		Organizational Name: University of North Carolina/ Chapel Hill
7b. Animal Welfare Assurance No.		DUNS: 608195277
8. COSTS REQUESTED FOR NEXT BUDGET PERIOD		Street 1: Department of Biostatistics
8a. DIRECT \$ 1,561,196	8b. TOTAL \$ 1,637,772	Street 2: CB#7420
9. INVENTIONS AND PATENTS <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		City: Chapel Hill County: Orange
If "Yes," <input type="checkbox"/> Previously Reported <input type="checkbox"/> Not Previously Reported		State: NC Province:
		Country: United State Zip/Postal Code: 27599-7420
		Congressional Districts: 4th
11. NAME AND TITLE OF OFFICIAL SIGNING FOR APPLICANT ORGANIZATION (Item 13) Tony G. Waldrop, Ph.D., Vice Chancellor for Research and Economic Development		
TEL: 919-966-3411		FAX: 919-962-3352
		E-MAIL: resadminosr@unc.edu
12. Corrections to Page 1 Face Page		
13. APPLICANT ORGANIZATION CERTIFICATION AND ACCEPTANCE: I certify that the statements herein are true, complete and accurate to the best of my knowledge, and accept the obligation to comply with Public Health Services terms and conditions if a grant is awarded as a result of this application. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties.		
SIGNATURE OF OFFICIAL NAMED IN 11. (In Ink)		DATE

HUMAN SUBJECTS APPROVAL

Herring, Amy H.

HUMAN SUBJECT APPROVALS

Project Title	Review Date	Type of Review
Geographic Influences on Autism Diagnosis: Accessibility of Health Services and Exposure to Hazardous Air Pollutants	12/18/2008	Expedited
Hispanic Community Health Study	05/05/2009	Expedited
Characterization of MRSA Infection/colonization in CF	02/24/2009	Expedited
UAE-UNC Indoor Air, Health and Nutrition Study	09/15/2009	Expedited
PTSD and Dual Disorders at the Interface of the Mental Health and Criminal Justice Systems	08/03/2009	Expedited

Include human subjects approvals or exemption and/or IACUC review dates for research projects trainees are participating in.

NOTICE OF GRANT AWARD

SECTION I – AWARD DATA – 5T32ES007018-33

Award Calculation (U.S. Dollars)

Training Expenses	\$146,800
Stipends	\$798,312
Trainee Tuition/Fees	\$314,860
Trainee Travel	\$10,800

Federal Direct Costs	\$1,270,772
Federal F&A Costs	\$76,473
Approved Budget	\$1,347,245
Federal Share	\$1,347,245
Less Unobligated Balance	\$459,101
TOTAL FEDERAL AWARD AMOUNT	\$888,144

AMOUNT OF THIS ACTION (FEDERAL SHARE)	\$888,144
----------------------------------------------	------------------

SUMMARY TOTALS FOR ALL YEARS								
YR	THIS AWARD				CUMULATIVE TOTALS			
	Total	Pre	Post	Short Term	Cumulative Total	Pre	Post	Short Term
33	\$888,144	20	8		\$888,144	20	8	
34	\$1,347,245	20	8		\$1,347,245	20	8	
35	\$1,347,245	20	8		\$1,347,245	20	8	

Recommended future year total cost support, subject to the availability of funds and satisfactory progress of the project

Fiscal Information:

CFDA Number: 93.113
EIN: 1566001393A1
Document Number: TES007018G
Fiscal Year: 2009

IC	CAN	2009	2010	2011
ES	8469976	\$888,144	\$1,347,245	\$1,347,245

Recommended future year total cost support, subject to the availability of funds and satisfactory progress of the project

NIH Administrative Data:

PCC: 6J87L00Y / OC: 412R / Processed: ARCHERL 06/29/2009

SECTION II – PAYMENT/HOTLINE INFORMATION – 5T32ES007018-33

For payment and HHS Office of Inspector General Hotline information, see the NIH Home Page at <http://grants.nih.gov/grants/policy/awardconditions.htm>.

SECTION III – TERMS AND CONDITIONS – 5T32ES007018-33

This award is based on the application submitted to, and as approved by, NIH on the above-titled project and is subject to the terms and conditions incorporated either directly or by reference in the following:

- The grant program legislation and program regulation cited in this Notice of Award.
- Conditions on activities and expenditure of funds in other statutory requirements, such as those included in appropriations acts.

RUTH L. KIRSCHSTEIN NRSA STIPENDS, TUITION/FEEES AND OTHER BUDGETARY LEVELS EFFECTIVE FOR FISCAL YEAR 2010

Stipends

Effective with all Kirschstein-NRSA awards made on or after October 1, 2009, the following annual stipend levels apply to all individuals receiving support through institutional research training grants or individual fellowships, including the Minority Access to Research Career (MARC) and Career Opportunities in Research (COR) programs.

Career Level		Stipend for FY 2010
Undergraduates in the MARC and COR Programs:		
Freshmen/Sophomores		\$7,980
Juniors/Seniors		\$11,172
Predoctoral		\$21,180
Postdoctoral		
Years of Experience:		
	0	\$37,740
	1	\$39,756
	2	\$42,624
	3	\$44,304
	4	\$45,960
	5	\$47,940
	6	\$49,836
	7 or more	\$52,068

These stipend levels are to be used in the preparation of future competing and non-competing NRSA institutional training grant and individual fellowship applications. They will be administratively applied to all applications currently in the review process.



Training Related Expenses on Institutional Training Grants

- For institutional training grants (T32, T34, T35, T90, TL1), these expenses (including health insurance costs) for predoctoral and postdoctoral trainees will be paid at the amounts shown below for all competing awards made with FY 2010 funds. These amounts also apply to non-competing awards issued in FY 2010 for programs that received competing awards in FY 2006 or beyond:
 - **Predoctoral Trainees:** \$4,200
 - **Postdoctoral Trainees:** \$7,850
 - Further information about the implementation of Kirschstein-NRSA policies for tuition, fees, and health insurance can be found in [Questions and Answers Related to Related to NRSA Tuition, Fees, and Health Insurance Policy](#).



Under the now final funding policy:

Tuition and Fees:

- For Institutional Training grants, the amount awarded for tuition will be based on the following formulas: 60 percent of each requested predoctoral trainee's tuition and fees up to a cap of \$16,000 annually, or \$21,000 for dual-degree students. At the postdoctoral level, tuition and fees will be 60 percent of each requested postdoctoral trainee's tuition and fees up to a cap of \$4,500 per year, or \$16,000 for those in formal degree-granting programs. For postdoctoral trainees, grantees should keep in mind that tuition is limited to that required for specific courses in support of the approved training program, and should be identified in the application.

Grantees are reminded that these formulas are for award calculation purposes only. Grantees should continue to request full needs in all competing applications; the formula will be applied at the time of award. Tuition and Fees continue to be awarded in a single budget category and unless restricted, grantees are free to expend these funds as best meets the actual needs of supported trainees. Similarly, unless otherwise restricted, institutions retain the authority to rebudget training grant funds between the stipend and tuition categories without prior NIH approval. In the annual progress report, grantees must continue to explain any rebudgeting from stipends into tuition and fees that has occurred in the current budget period, and indicate whether rebudgeting is planned for the upcoming budget period.



- For Individual Fellowships, tuition and fees will be provided using the same formulas; however, for postdoctoral fellowships these costs continue to be allowable only if they are required for specific courses in support of the research training experience supported by the fellowship.

Health Insurance:

- For Institutional Training grants, health insurance will remain as part of training-related expenses. That budget category will continue to be awarded based on \$4,200 per predoctoral trainee and \$7,850 per postdoctoral trainee.
- For Individual Fellowships, health insurance will remain as part of the institutional allowance, which will continue to be awarded at \$4,200 for predoctoral fellowships and \$7,850 for postdoctoral fellowships. Individual Fellowships to Federal and For-Profit sponsoring institutions will continue to be awarded at \$3,100 for predoctorates and \$6,750 for postdoctorates respectively.

Further details about current levels effective for Kirschstein-NRSA stipends, tuition, fees, health insurance, and training related expenses can be found in [NOT-OD-10-047](#).



THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
TUITION AND FEES
ACADEMIC YEAR 2009-2010

HEALTH AFFAIRS

SCHOOL OF PUBLIC HEALTH		<u>PER SEMESTER</u>					
		RESIDENT			NONRESIDENT		
		<u>TUITION</u>	<u>FEES</u>	<u>TOTAL</u>	<u>TUITION</u>	<u>FEES</u>	<u>TOTAL</u>
UNDERGRADUATES							
Juniors	1 - 5.9 hrs	483.13	726.85	1209.98	2719.13	726.85	3445.98
	6 - 8.9 hrs	966.25	777.97	1744.22	5438.25	777.97	6216.22
	9 - 11.9 hrs	1449.38	829.10	2278.48	8157.38	829.10	8986.48
Full Load	12 and above	1932.50	880.22	2812.72	10876.50	880.22	11756.72
Seniors add \$1.00							

GRADUATES--MPH Degree, MHA Degree or MSPH Degree							
Credit Hours:	0 - 2.9 hrs	909.88	718.45	1628.33	2615.00	718.45	3333.45
	3 - 5.9 hrs	1819.75	769.57	2589.32	5230.00	769.57	5999.57
	6 - 8.9 hrs	2729.63	820.70	3550.33	7845.00	820.70	8665.70
Full Load	9 and above	3639.50	871.82	4511.32	10460.00	871.82	11331.82

GRADUATES--Other Degrees							
Credit Hours:	0 - 2.9 hrs	784.88	718.45	1503.33	2490.00	718.45	3208.45
	3 - 5.9 hrs	1569.75	769.57	2339.32	4980.00	769.57	5749.57
	6 - 8.9 hrs	2354.63	820.70	3175.33	7470.00	820.70	8290.70
Full Load	9 and above	3139.50	871.82	4011.32	9960.00	871.82	10831.82

NEXT BUDGET PERIOD - (BUDGET PAGE 2)

Program Director/Principal Investigator (Last, first, middle): Herring, Amy H.

NEXT BUDGET PERIOD (Follow instructions carefully)		FROM 7/1/2010	THROUGH 6/30/2011	GRANT NUMBER 5-T32-ES007018-34
ITEMIZE DIRECT COSTS REQUESTED FOR NEXT BUDGET PERIOD			DOLLAR AMOUNT REQUESTED (omit cents)	
PREDOCTORAL STIPENDS (List trainee names) 20 Predoctoral trainees @ 21,180 each Please see list of names for all trainees on " Budget Justification" form			No. Requested: 20 \$ 423,600	
POSTDOCTORAL STIPENDS (itemize) (List trainee names and levels) Biostatistics - 2 Postdoctoral trainees (one @ 42,624, one @ 52,068) = \$94,692 Epidemiology - 3 postdoctoral trainees (two @ 42,624, one @ 52,068) = \$137,316 Environmental Sciences & Engineering - 3 Postdoctoral trainees (two @ 45,960, one @ 52,068) = \$143,988			No. Requested: 8 \$ 375,996	
OTHER STIPENDS (Specify)			\$	
TOTAL STIPENDS →			\$ 799,596	
TUITION and FEES (including Health Insurance when applicable – see new Instructions) (itemize) (List each category separately) Predoctoral: out of state tuition & fees: \$ 11,482 x 20 x 2 semesters = \$ 459,280 Predoctoral for summer - \$ 906 (per credit hour) x 6 x 20 = \$ 108,720 Postdoctoral - \$ 4500 x 8 = \$ 36,000			\$ 604,000	
TRAINEE TRAVEL (Describe) \$ 300 per Predoctoral trainee x 20 = \$ 6000 \$ 600 per Postdoctoral trainee x 8 = \$ 4800 Travel is requested for meetings such as American Statistical Association, International Biometric Society, American Association for Cancer Research, Society of Toxicology, Internal Society for Exposure Analysis, Intl Society for Environmental Epidemiology.			\$ 10,800	
TRAINING-RELATED EXPENSES (including Health Insurance when applicable – see new Instructions) Predoctoral trainee \$ 4200 x 20 = \$ 84,000 Postdoctoral trainee \$ 7850 x 8 = \$ 62,800 Current Insurance rate for a Predoctoral trainee is \$ 1970 and a Postdoctoral trainee is \$2534/per year			\$ 146,800	
TOTAL DIRECT COSTS FOR NEXT BUDGET PERIOD (Also enter on Page 1, Item 8a)			\$ 1,561,196	



BUDGET JUSTIFICATION - (FORM PAGE 3)

Program Director/Principal Investigator (Last, First, Middle): **Herring, Amy H.**

BUDGET JUSTIFICATION

GRANT NUMBER
5 T32 ES007018-34

Provide a detailed budget justification for those line items and amounts that represent a significant change from that previously recommended. Use continuation pages if necessary.

Predoctoral trainees to be continued:

Elizabeth Bennet, Mr. Wichham, Meryton Milliner, Lady Catherine de Bourg, Mary Bennet, Jane Bennet, Colonel Fitzwilliam, Lydia Bennet, Kitty Bennet, Sir William Lucas, Mr. Bingley, Netherfield Butler, Georgiana Darcy, Caroline Bingley, and 4 more TBN.

Postdoctoral trainees to be continued:

John Dashwood, Edward Ferrars, Sir John Middleton, John Willoughby, Marianne Dashwood and three more TBN.

CURRENT BUDGET PERIOD

FROM
7/1/2009

THROUGH
6/30/2010

Explain any estimated unobligated balance (including prior year carryover) that is greater than 25% of the current year's total budget.

All stipends awarded for current budget period will be used.

We do not anticipate a balance which is greater than 25% of the current year's total budget.



BUDGET NOTES

Apply to progress reports where the last competing award was issued in fiscal year 2006 and beyond (health insurance awarded as part of the training related expenses budget category).

- Stipends {use levels at web link: <http://grants2.nih.gov/grants/guide/notice-files/NOT-OD-10-047.html>}
- Request full amount of tuition and fees. NIH will adjust according to their formula (60%) when making the award. We use http://www.unc.edu/finance/fd/c/sa/docs/09_10_tuitionfees.pdf and inflate by 5-6%. Make sure you use most recent tuition figures.
- Trainee travel, some Institutes specify amount, amount is also specified in the Notice of Grant Award. Allowable for trainees to attend scientific meetings and workshops that the Institution determines to be necessary for the individual's research training experience. Trainees must be appointed to the training program at the time of actual travel. Justify foreign travel.
- Training related expenses {use rates at web link: <http://grants2.nih.gov/grants/guide/notice-files/NOT-OD-10-047.html>}. This category includes health insurance – actual costs of health insurance should be separately identified in the budget.
- Facilities and Administrative (Indirect) Costs – 8% of total modified direct costs excluding tuition/fees and sub-grant and contracts in excess of \$25,000.



PUBLIC HEALTH SERVICE GRANT

NON-COMPETING CONTINUATION PROGRESS REPORT PHS 2590

6.1.4 Biographical Sketch

BIOGRAPHICAL SKETCH FORMAT PAGE

Provide biographical sketches **only** for newly added training faculty.

6.1.5 Other Support

Not applicable.

6.1.6 Progress Report Summary

FORM PAGE 5

A. Training Program

- 1) Description of training objects and goals. Highlight changes, developments, changes in training faculty, new training content etc.
- 2) Describe instruction in responsible conduct of science.
- 3) Describe activities in recruitment and retention of trainees from diverse groups.
- 4) Select agent research (if applicable).

B. Study Subjects

- 1) Provide only if trainees have participated in research involving human subjects that has not been reported within another PHS supported project.

C. Trainees

- 1) Update the data on trainees supported by the training grant in [Table 12A](#) and/or [12B](#), as applicable, to reflect new appointments and other changes that have occurred over the reporting period.
- 2) Use the Trainee Diversity Report format page to report on the diversity of the trainees support by this grant during the reporting period.
- 3) Describe research project and course work of each trainee.
- 4) List all trainee publications not previously reported.

Peer reviewed trainee publications that arise from support of the training grant must be submitted to PubMed Central in accord with the Public Access Policy and the PubMed Central reference number (PMCID) or NIH Manuscript Submission reference number (NIHMS ID) provided.

6.1.7 Checklist

6.1.8 All Personnel Report

Not applicable



TABLE 12A: PREDOCTORAL TRAINEES

Table 12A. Predoctoral Trainees Supported by This Training Grant (Renewal Applications Only)

*Predoctoral (and MSTP) Trainees (Listed Sequentially by Entering Class)
Enter Source(s) of Support and Academic Year for Each Grant Year*

Trainee, Year of Entry Prior Degree & Institution (Mentor – Department / Program)	Grant Year -01 95-99	Grant Year -02 99-00	Grant Year -03 00-01	Grant Year -04 01-02	Grant Year -05 02-03	Grant Year -06 03-04	Grant Year -07 04-05	Grant Year -08 05-06	Grant Year -09 06-07	Grant Year -10 07-08	Title of Research Project or Research Topic	Degree(s) Received (Year)	Current Position and Institution (Grant Support Obtained)
Cox, C., 1994 BA, Cornell Univ. (Jones-Biochem.)	TG	TG	RG	RG/TG3							Cloning of Human Globin Genes	MD, PhD (2002)	Asst. Prof. Hematology, Rutgers (50% clinical, 50% research, NIH K11)
Smith, J. G., 1995 BS, Iowa State U. (Gordon-MCB)	TG	TG	RG								Structural Studies of Membrane-Bound Proteins	M.S. (2001)	Parke-Davis (Lab. Technician)
Johnson, J., 2002 BPharm, Duquesne (Jacobs-Virology)					TG2	TG	TG	RG	RG		Regulation of EBV Gene Expression	PhD (2007)	Postdoctoral Trainee w/C. Chen, Univ. of CA, Davis
Smolock, Y., 2005 BS, UCLA (Rifkind-Genetics)								UF	UF	TG	Purine Synthesis Mutants in Mammalian Cells		In Training
Thomas, G., 2007 DVM, U. Penn (unassigned)										TG			In Training



TABLE 12B: POSTDOCTORAL TRAINEES

Table 12B. Postdoctoral Trainees Supported by This Training Grant (Renewal Applications Only)

Postdoctoral Trainees (Listed Sequentially by Year of Entry)
Enter Source(s) of Support and Academic Year for Each Grant Year

Trainee, Year of Entry Prior Degree & Institution (Mentor – Department / Program)	Grant Year -01 98-99	Grant Year -02 99-00	Grant Year -03 00-01	Grant Year -04 01-02	Grant Year -05 02-03	Grant Year -06 03-04	Grant Year -07 04-05	Grant Year -08 05-06	Grant Year -09 06-07	Grant Year -10 07-08	Title of Research Project or Research Topic	Degree or Certification (Year) or Other Relevant Outcome	Current Position and Institution (Grant Support Obtained)
Jones, C., 2001 MD, CWRU (Wu-Pharmacology)				PGY 1	PGY 2	TG	TG	PGY 5			Membrane Structures	N/A	Assistant Professor (Dept. Pharmacology) (R01 NIMH)
Rivera, M., 2002 MD- PhD, Yale (Frank-Pharmacology)					PGY 1	PGY 2	TG	TG	CCF	PGY 6	Transdermal Pharmacodynamics	Certificate of Clinical Investigation 2004	Pediatric Resident
Stone, V. 2004 PhD, Harvard (Hahn-Medicine)							TG	TG	RG	RG	Genetic Variation in Fruit Fly Nymphs	N/A	In Training

Table 12B Instructions: List sequentially, by entering year, all trainees who were, or are, supported by this training grant (past 10 years only, if applicable). For each student provide: 1) name; 2) year of entry into the training program; 3) prior institution and degree at entry; 4) in parenthesis name of research mentor and department/program; 5) source of support during each year of training, e.g., this training grant, another training grant (specify), research grant, university fellowship, individual fellowship (specify), etc.; 6) research topic; 7) degree or certifications or other relevant outcomes completed during training and year awarded, and 8) for trainees who have completed the program, their current positions, rank and/or title and institutional affiliations, and grants obtained, if any. Enter all trainees who received support from this grant including those who did not complete the training program for any reason.

Explain coding of source of support in a footnote. For example: TG = this training grant, RG = research grant, UF = university funds, TG2 = another training grant (Neuroscience training), PGYn = postgraduate year (n) of internship or residence; F = individual fellowships (e.g. university fellow, NRSA, NSF, foundations, etc.); CCF = cancer clinical fellowship.



TRAINEE DIVERSITY REPORT

Program Director/Principal Investigator (Last, First, Middle): Herring, Amy H

Trainee Diversity Report

This report format should NOT be used for data collection from trainees.

Training Grant Title: Biostatistics for Research in Environmental Health

Total Number of Appointed: 28

Grant Number: 5 T32 ES 007018-34

PART A. TOTAL TRAINEE APPOINTMENTS REPORT: Number of Trainees Appointed by Ethnicity and Race

Ethnic Category	Females	Males	Sex/Gender Unknown or Not Reported	Total
Hispanic or Latino	0	0		0 **
Not Hispanic or Latino	18	8		26
Unknown (individuals not reporting ethnicity)	1	1		2
Ethnic Category: Total of All Trainees*	19	9		28 *

Racial Categories

American Indian/Alaska Native				
Asian	3	1		4
Native Hawaiian or Other Pacific Islander				
Black or African American	2	1		3
White	13	6		19
More Than One Race				
Unknown or Not Reported	1	1		2
Racial Categories: Total of All Trainees*	19	9		28 *

PART B. HISPANIC TRAINEE APPOINTMENTS REPORT: Number of Hispanics or Latinos Appointed

Racial Categories	Females	Males	Sex/Gender Unknown or Not Reported	Total
American Indian or Alaska Native				
Asian				
Native Hawaiian or Other Pacific Islander				
Black or African American				
White				
More Than One Race				
Unknown or Not Reported				
Racial Categories: Total of Hispanics or Latinos**				0 **

PART C. TRAINEES WITH DISABILITIES OR FROM DISADVANTAGED BACKGROUNDS

Number of Trainees with Disabilities:	1
Number of Trainees from Disadvantaged Backgrounds:	1

(*) (**) These totals must agree.

CHECKLIST - (FORM PAGE 6)

Program Director/Principal Investigator (Last, first, middle): Herring, Amy H.

GRANT NUMBER
5- T32 ES007018-34

CHECKLIST

1. PROGRAM INCOME (See instructions.)

All applications must indicate whether program income is anticipated during the period(s) for which grant support is requested. If program income is anticipated, use the format below to reflect the amount and source(s).

Budget Period	Anticipated Amount	Source(s)

2. ASSURANCES/CERTIFICATIONS (See instructions.)

In signing the application Face Page, the authorized organizational representative agrees to comply with the policies, assurances and/or certifications listed in the application instructions when applicable. Descriptions of individual assurances/certifications are provided in Part III of the PHS 398, and listed in Part I, 4.1 under Item 14. If unable to certify compliance, where applicable, provide an explanation and place it after the Progress Report (Form Page 5).

3. FACILITIES AND ADMINISTRATIVE (F&A) COSTS

Indicate the applicant organization's most recent F&A cost rate established with the appropriate DHHS Regional Office, or, in the case of for-profit organizations, the rate established with the appropriate PHS Agency Cost Advisory Office.

F&A costs will **not** be paid on construction grants, grants to Federal organizations, grants to individuals, and conference grants. Follow any additional instructions provided for Research Career Awards, Institutional National Research Service Awards, Small Business Innovation Research/Small Business Technology Transfer Grants, foreign grants, and specialized grant applications.

☒ DHHS Agreement dated: 11/6/07 ☐ No Facilities and Administrative Costs Requested.
☐ No DHHS Agreement, but rate established with _____ Date _____

CALCULATION*

Entire proposed budget period: Amount of base \$ 957,196 x Rate applied 8 % = F&A costs \$ 76,576
Add to total direct costs from Form Page 2 and enter new total on Face Page, Item 8b.

*Check appropriate box(es):

☐ Salary and wages base ☐ Modified total direct cost base ☒ Other base (Explain)
☐ Off-site, other special rate, or more than one rate involved (Explain)

Explanation (Attach separate sheet, if necessary):

Mandated by agency.

IMPORTANT WEB LINKS

Title: Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grants (T32)

Program Announcement (PA) Number: PA-10-036

<http://grants.nih.gov/grants/guide/pa-files/PA-10-036.html>

Ruth L. Kirschstein National Research Service Award (NRSA) Stipends, Tuition/Fees and Other Budgetary Levels Effective for Fiscal Year 2010

<http://grants2.nih.gov/grants/guide/notice-files/NOT-OD-10-047.html>

Final Ruth L. Kirschstein National Research Service Award (Kirschstein-NRSA) Policy for Tuition, Fees, and Health Insurance on Training Grants and Fellowships

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-10-073.html>

**THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
TUITION AND FEES :: ACADEMIC YEAR 2009-2010**

http://www.unc.edu/finance/fd/c/sa/docs/09_10_tuitionfees.pdf

PHS 2590 Instructions & Fillable Forms

<http://grants.nih.gov/grants/funding/2590/2590.htm>



Managing the Training Grant

Allowable Costs

Stipend Levels

- Predoctoral

- One level for all individuals, regardless of years of experience
- FY 2010 \$21,180

- Postdoctoral

- Dependent on number of years of relevant experience (0-7)
- For Fs, level set *at time of award* (not activation)
- For Ts, level set *at time of appointment*
- Once set, no change mid-year
- Subsequent year based on initial level + 1
- Relevant Experience = research, teaching, internship, residency, clinical duties, or other time spend in a health-related field
- FY 2010 levels - <http://www.rochester.edu/ORPA/ORPA-L/orpaL2010/NRSAstipends.htm>

Part-time Training

- Allowed in unusual and pressing personal circumstances (e.g., medical conditions, disability, child or elder care)
- NIH prior approval required
- Program Director/Sponsor must submit written request, countersigned by trainee/fellow and authorized institutional official
- Must continue to be at least 50%. Less than 50% would require leave of absence from NRSA support

Compensation

- Trainees/Fellows may receive compensation for services associated with employment
- In these cases, individual receives a salary, and it is not considered stipend supplementation
- Compensation can be provided from other NIH research grants
 - On a limited part-time basis
 - May not be same research that is part of training experience
 - Fellowship Sponsor or Training Grant Program Director must approve
 - May not interfere with, detract from or prolong the approved NRSA training

Stipend Supplementation

- Grantees may supplement stipends
 - Amount determined according to formally established policies applied to all in similar training status
- Non-Federal funds
- Without additional effort or obligation to trainee/fellow

Employee Benefits

- Stipends are not provided as a condition of employment
- At this time, it is inappropriate and unallowable to charge NRSA grants for employee benefits – FICA, workman's comp, unemployment insurance etc.

Leave

- Vacations & Holidays
 - Both Predoc and Postdoc Fellows and Trainees may receive same vacations and holidays available to individuals in comparable training positions at the grantee or sponsoring institution. Trainee's will continue to receive stipends.
- Sick Leave
 - May continue to receive stipends for up to 15 calendar days of sick leave per year
- Parental Leave
 - May receive stipends for up to 60 calendar days of parental leave per year for the adoption or birth of a child
 - Must be approved by the Program Director
 - <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-08-064.html>

Leave (continued)

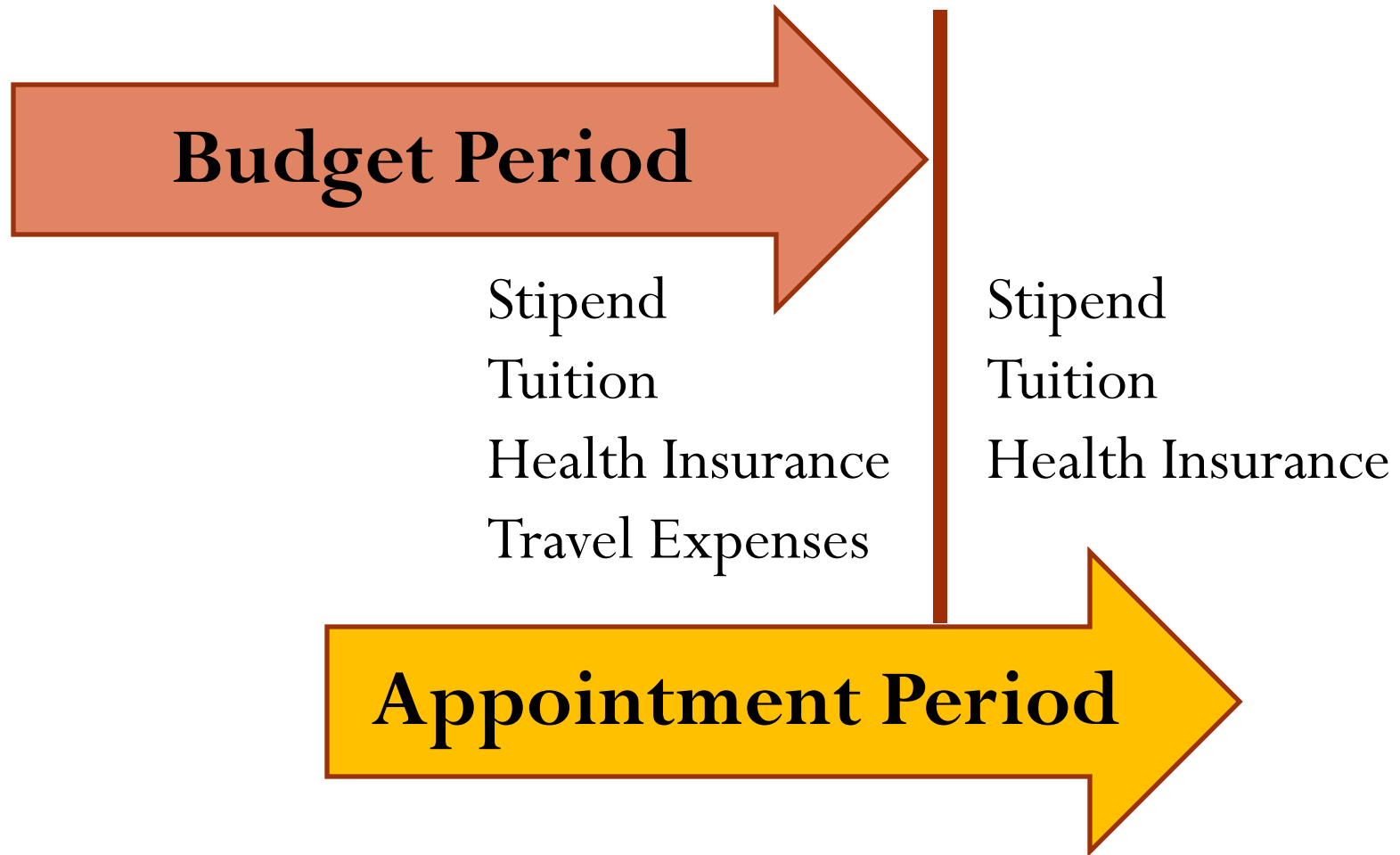
- Leave of Absence
 - Approval must be requested in advance from awarding component
 - Stipends may not be reimbursed during leave of absence
 - Fellowship: award will be revised extending termination date by the number of months of leave
 - Trainee (T32): terminate and reappoint

Allowable Costs Chart (T32, T34, T35, and T90)

Award Category	Predoctoral	Postdoctoral
Tuition/Fees	<ul style="list-style-type: none">• 60% up to \$16,000• 60% up to \$21,000 for dual degree	<ul style="list-style-type: none">• 60% up to \$4,500• 60% up to \$16,000 for additional degree
Training Related Expenses *	\$4,200	\$7,850
Trainee Travel	\$400 - \$1,000 (typical range; varies by NIH awarding component)	

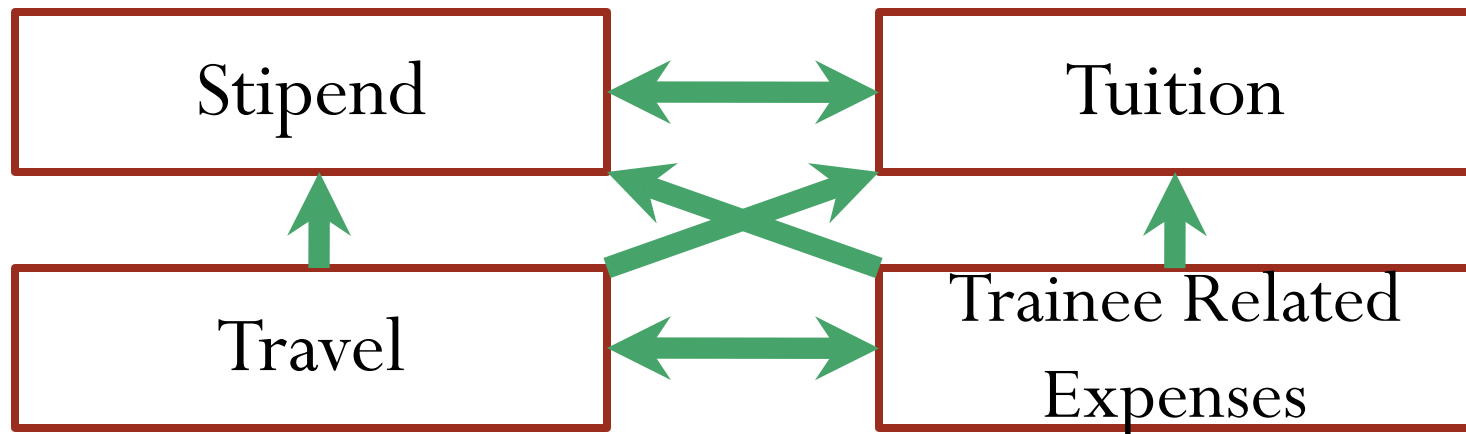
* Can be used for health insurance, staff salaries, consultant costs, equipment, research supplies, staff travel, publication costs and other expenses directly related to the training program.

Budget Period vs Appointment Period



Rebudgeting

- No prior approval (unless otherwise restricted for):
 - Stipends: into tuition and fees only
 - Tuition: into stipends only
 - Trainee Travel: any category
 - Training Related Expenses (TRE): any category
- Prior approval required to rebudget stipends and/or tuition into travel or TRE



Managing the Training Grant

Financial Reporting

Reporting Requirements

- Financial Status Report (SF269) due 90 days from budget end date
- Unliquidated obligations can be used to report any stipend and tuition charges for “overlapping” appointments
- Automatic carryover of unobligated balance is not generally allowed but awards are footnoted either way

“Overlapping” Appointments

Appointment period may overlap budget periods

For example:

Year 1	Year 2	Appt. Period
7/1/08 – 6/30/09	7/1/09 – 6/30/10	1/1/09 – 12/31/09*

* Stipend and tuition \$\$ reported in year 1 (6-months reported as unliquidated obligation)

Stipend level will stay at the year 1 level

Recording Costs

Stipend

- 6571 – Pre Doc (via check request)
- 6578 - Post Doc (via payroll)
- 6579 – Clinical Fellow (via payroll)
- Object code 1117 should not be used because it records fringe benefits (i.e. FICA, Social Security, etc) which are unallowable costs on T32 training grants

Tuition & Fees

- 6573 – Trainee Tuition & Fees

Recording Costs

Training Related Expenses

(used to support
the cost of training)

- Health Insurance
- Staff Salaries
- Consultant Costs
- Equipment
- Research Supplies
- Staff Travel
- Other expenses directly related to the training program

Closeout (NOTR)

- Make sure stipend paid agrees with appointment letter and approved stipend levels
- Projected expenditures must have been incurred prior to the end of the budget period

IRS Form 1099

- For tax purposes, stipends paid to trainee may be reported annually using the Form 1099 – Statement of Miscellaneous Income (not a W-2)
- Generated by Disbursement Services

Helpful Links

- NRSA Stipend Increases & Other Policy Announcements : <http://grants1.nih.gov/training/nrsa.htm>
- NRSA T32 Frequently Asked Questions (FAQs): http://grants.nih.gov/training/faq_training.htm

eRA Commons xTrain



BOARDING ANNOUNCEMENT:

xTrain has arrived in the station

ALL ABOARD *January 2011*.



Overview

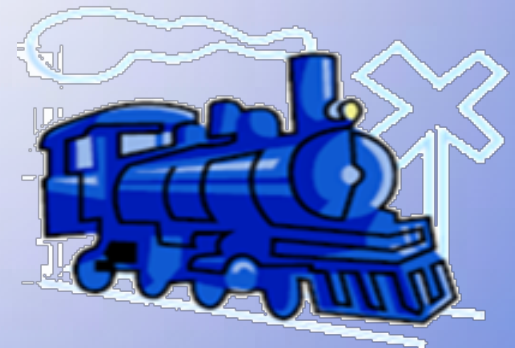
xTrain provides the ability to electronically process and submit appointment forms and termination notices associated with institutional research training grants and career development awards.

Types of grants and awards

T15, T32, T34, T35, T90, TL1, TU2

K12, KL2

R25, R90



Download these PDF documents

- xTrain Institutional User Guide

http://era.nih.gov/files/xTrain_External_UG_2.22.0.0_07-02-09.pdf

- Getting Started Reference for Trainees (give to each trainee)

http://era.nih.gov/files/xTrain_Getting_Started_Trainees.pdf

- PD/PI Delegation of xTrain Authority

http://era.nih.gov/files/PI_delegation_xtrain_authority.pdf

- Initiating xTrain Appointments


http://era.nih.gov/files/xTrain_Initiate_Appointment.pdf

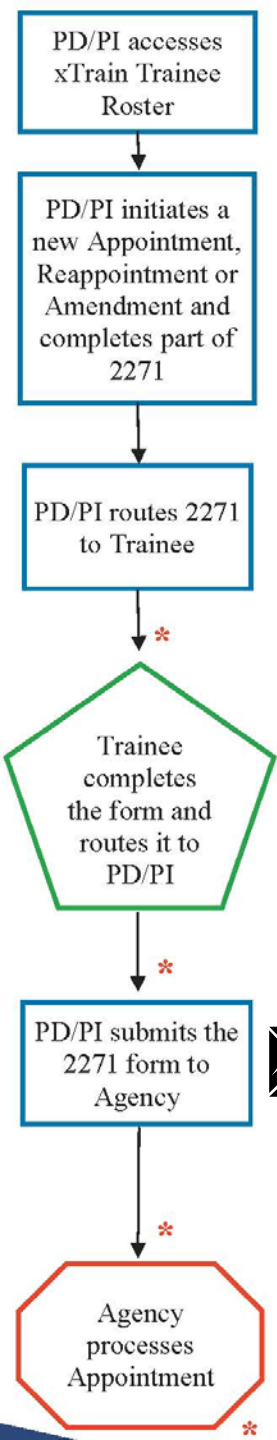
- Initiating xTrain Terminations

http://era.nih.gov/files/xTrain_Initiate_Termination.pdf

UNC-CH Process

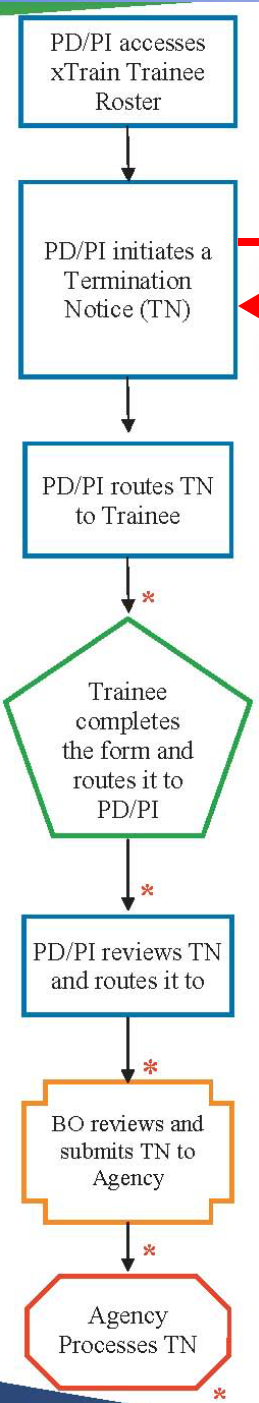
Appointments, Reappointments & Amendments

- Campus completes steps according to xTrain user guide
- NOTE: For first-time postdoctoral trainees appointed to Kirschstein-NRSA training grants, trainee must complete and sign hard copy of Payback Services Agreement (PHS6031) along with proof of permanent residency and send to agency
- Campus sends email  to OSR Program Administrator (PA) names of trainees for a given grant/award



UNC-CH Process

Termination Notices (TN)



- Campus completes steps according to xTrain user guide (EXCEPT see **RED** box) precaution to prevent TN from being rerouted to PI to change the amount
- NOTE: If trainee is terminating early, use the 'Modify Termination Date' feature, the system will recalculate the stipend amount (verify the amount is what will actually be paid and make any necessary modifications)

TIPS – Got Ya's

- Make sure you have an ASST role in the eRA Commons - have PI delegate xTrain authority to you
- Trainee must complete Personal Profile tabs in eRA Commons including citizenship and disabilities – this info auto fills forms and is used in validation steps