

## Table 2I. Participating Faculty Members

### Rationale

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

### Instructions

List participating faculty, in alphabetical order by last name. Include all who will serve as training faculty and have a stated level of effort, even if no salary support is requested for their level of effort. For each participating faculty member, provide:

- 1) **Name.** Include the full name in the format, Last Name, First Name and Middle Initial.
- 2) **Degree(s).** Provide the faculty member's terminal degree(s).
- 3) **Rank.** Provide the academic rank held by each faculty (e.g., Asst. Prof. for Assistant Professor, Assoc. Prof. for Associate Professor, Prof. for Professor, Res. Asst. Prof. for Research Assistant Professor, Lecturer, Instructor).
- 4) **Primary Department or Program.** List the primary affiliation (department, interdepartmental program, or other academic unit). Add institution, if different from the applicant institution.
- 5) **Research Interest.** Provide the faculty member's research interest relevant to the proposed training program.
- 6) **Training Role.** Provide up to three role(s) for each faculty in the proposed training program. Select from the following options: PD/PI, Preceptor/Mentor, Executive Committee or Training Advisory Committee member (Exec. Comm./TAC), Other.

**Mentoring Record (Items 7-9).** For the last 10 years, provide the record for mentoring international trainees who have been or are currently engaged in research training under the faculty member's primary supervision.

- 7) **International trainees in Training.** Provide the number of international trainees who are currently in training under the faculty member's supervision.
- 8) **International trainees Graduated.** Provide the number of international trainees who were awarded a degree or completed research training experience during the last 10 years.
- 9) **International trainees Continued in Research or Related Careers.** Provide the number of international trainees who pursued further research training or a research or research-related career during the last 10 years.

Summarize these data in the Research Training Program Plan, within the Background Section and the Program Faculty Section of the Program Plan. Use the narrative to describe the distribution of participating faculty by academic rank, department or interdepartmental program, institution, areas of research emphasis, and the rationale for the faculty selected to participate in the training grant. Analyze the data in terms of the overall experience of the faculty in training international trainees. Comment on the inclusion of faculty whose mentoring records may suggest limited recent training experience with international trainees.

**Sample Table 2I. Participating Faculty Members**

<b>Name</b>	<b>Degree(s)</b>	<b>Rank</b>	<b>Primary Department or Program</b>	<b>Research Interest</b>	<b>Training Role</b>	<b>International Trainees In Training</b>	<b>International Trainees Graduated or Completed Training</b>	<b>International Trainees Continued in Research or Related Careers</b>
Banda, Edith	MBBS, MSc	Asst. Prof	Epidemiology	Infectious diseases	Mentor	4	10	9
Brown, James M	MPH, PhD	Prof	Epidemiology USA University	Infectious diseases	MPI/PD	3	8	7
Ngura, Elizabeth	MBBS, PhD	Prof	Epidemiology	HIV	Mentor	5	18	16
Jones, Shirley	MS, PhD	Prof	Biostatistics USA University	Modeling	Mentor	1	4	4
Phiri, Moses	MBBS, PhD	Prof	Microbiology	TB and HIV/TB	PI/PD	10	20	18
White, Richard	MD, PhD	Asst. Prof	Epidemiology USA University	HIV	Mentor	2	4	4

## Table 3I. Institutional Research Training Grant and Related Support Available to Participating Faculty Members

### Rationale

This table will permit an evaluation of the current level of support for research training and the extent to which the proposed program has overlap with other similar programs at the institution and in participating faculty.

### Instructions

For all currently active, sponsor-supported institutional training (e.g., NIH D43, U2R, Wellcome Trust), and research education (e.g., NIH R25) support available to the participating faculty members for international trainee support, list the following:

- 1) **Grant Title.** Provide the full grant title. Do not list all training and related grants at the participating institution(s); list only those programs with any overlapping faculty. (i.e., including any of the faculty members participating in the proposed training programs).
- 2) **Award Number/Sponsor.** Provide the full award number (or Sponsor name and identifier, if not NIH).
- 3) **Project Period.** Provide project period dates inclusive of the entire project period, in the format MM/YYYY-MM/YYYY
- 4) **PD/PI.** Provide the name of the PD/PI(s), in the format Last Name, First Name Middle Initial.
- 5) **Number of International Trainees Supported.** Provide the number of international trainees supported for at least one person-month by the award. In the Total row, sum the number of international trainees supported for at least one person-month across all awards and enter the total in bold font.
- 6) **Names of Overlapping Faculty.** List the last names of all overlapping faculty who will serve as training faculty and have a stated level of effort, even if no salary support is requested.

Summarize these data in the Background Section of the Research Training or Research Education Program Plan. Use the narrative to summarize the level of research training support at the institution(s). Comment on instances where the tabular data indicate that there may be substantial overlap of participating faculty.

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

<b>Grant Title</b>	<b>Award Number/Sponsor</b>	<b>Project Period</b>	<b>PD/PI</b>	<b>Number of International Trainees Supported</b>	<b>Names of Overlapping Faculty</b>
HIV Epidemiology Training Grant	NIH, D43TW23692	07/2013-06/2018	Brown, James	6	Brown White Phiri
Lab capacity for HIV/TB coinfection	Wellcome Trust, ABCDE	04/2014-03/2017	Phiri, Moses	4	Phiri Banda
Building an Effective Ethical Review Committee	EDCTP XYZ	03/2015-02/2019	Phiri, Moses	10	Phiri Ngura
Career Development in Biostatistics	NIH, K01TW88888-03	07/2014-06/2018	Sterman, Patricia	NA	Jones
<b>Total</b>				<b>20</b>	

## Table 4I. Research Support of Participating Faculty Members

### Rationale

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

### Instructions

For each faculty member with any level of effort on this application (with or without salary support), list the following:

- 1) **Faculty Member.** List participating faculty members in alphabetical order by last name, in the format Last Name, First Name and Middle Initial.
- 2) **Funding Source.** List the funding source as NIH, AHRQ, NSF, Other Federal (Other Fed), University (Univ), Foundation (Fdn), or Other. If none, state "None." **Exclude applications pending review or award.**
- 3) **Grant Number.** For each participating faculty member, provide the full grant number (or Sponsor identifier, if not NIH) for the currently active research grant support in which the faculty member is the PD/PI from all sources that will provide the context for research training experiences. Exclude institutional research training grants, institutional career development grants, and research education grants.
- 4) **Role on Project.** Provide the role of the faculty member on the research project grant (PD/PI or Center Project PI roles **only**).
- 5) **Grant Title.** Provide the Grant Title.
- 6) **Project Period.** List the inclusive dates of the entire project period (in the format MM/YYYY-MM/YYYY).
- 7) **Current Year Direct Costs.** Provide the direct costs for the current budget period. Calculate and provide the average grant support per Participating Faculty Member in the last row.

If the source of support is part of a multiple project grant (e.g., a P01), provide the above information only for that component of the grant on which the faculty member is the Project PI.

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

**Sample Table 4I. Research Support of Participating Faculty Members**

<b>Faculty Member</b>	<b>Funding Source</b>	<b>Grant Number</b>	<b>Role on Project</b>	<b>Grant Title</b>	<b>Project Period</b>	<b>Current Year Direct Costs (US\$)</b>
Banda, Edith	Gov of Kenya	1234	PI	Lab errors in diagnosis of TB in HIV infected patients	07/2014-06/2017	\$100,000
Brown, James	NIH	P30 AI999997	Center PI	USA University Center for AIDS Research	08/2015-07/2019	\$500,000
Jones, Shirley	Gates Foundation	6789	PI	Modeling Approaches for Infectious Diseases	10/2013-9/2016	\$300,000
Ngura, Elizabeth	NIH	R01 AI999998	Investigator	The role of factor X in HIV/TB co-infection	03/2014-02/2018	\$200,000
Phiri, Moses	NIH	R01 AI999998	Project PI	The role of factor X in HIV/TB co-infection	03/2014-02/2018	\$200,000
White Richard	NIH	P30 AI999997	Core Dir	USA University Center for AIDS Research	08/2015-07/2019	\$75,000
<b>Average Grant Support per Participating Faculty Member</b>						<b>\$216,000</b>

## Table 5I. Publications of Those in Training: International Trainees

### Rationale

This information provides an indicator of the ability of each faculty member to foster the productivity of international trainees through generation of publishable results.

### Instructions

For each trainee, list the following:

- 1) **Faculty Member.** Sort international trainees by faculty member. List each faculty member in the format Last Name, First Name and Middle Initial.
- 2) **Trainee Name.** List each international trainee in the format Last Name, First Name and Middle Initial.
  - **New applications.** For each participating faculty member in a **new application**, list all publications of representative, previous international trainees from the last 10 years and **all** current international trainees. Only include individuals who would have been eligible for support under this or a similar training program whose training in the research mentor's lab resulted in a research publication or abstract from a poster. Exclude individuals in short-term (12 weeks or less) training experiences with a faculty member.
  - **Renewal/Revision applications.** For each participating faculty member in a renewal/revision application, list the publications of all current trainees and former trainees supported by the grant for up to the past 10 years, with the exception of those in short-term ( $\leq 12$  weeks) training positions.
- 3) **Past or Current Trainee.** For each faculty member, list past international trainees first and then current international trainees. Indicate whether each international trainee is past or current. Sort each group by their year of entry into the training program.
- 4) **Training Period.** For past international trainees, indicate the year that each international trainee enrolled in the research training program and the year they completed or left the research training program, in the format YYYY-YYYY. For current international trainees, report the year of enrollment and indicate that training is underway by using the format YYYY-Present.
- 5) **Publication (Authors, Year, Title, Journal, Volume, Inclusive Pages).** List publications in chronological order, followed by abstract-only publications. List all publications of international trainees resulting from their period of training in the participating faculty member's laboratory or in association with the current research training program, through completion of their research training. **Do not list publications resulting from work done prior to entering the research training program or arising from research initiated after the completion of the program.** List abstract-only publications **only** if a peer-reviewed publication has not appeared and label these clearly as abstracts. Boldface the international trainee's name in the author list.
  - For international trainees without a publication, indicate "No Publications." Provide one of the following explanatory phrases: new entrant, leave of absence, change of research supervisor, left program, other.

Summarize these data in the body of the application, including, for example, the average number of publications and how many international trainees published their work.

**Sample Table 5I. Publications of Those in Training: International Trainees**

Faculty Member	Trainee Name	Past or Current Trainee	Training Period	Publication (Authors, Year, Title, Journal, Volume, Inclusive Pages)
Phiri, Moses	Oye, John	Past	2010-2014	<b>Oye J.</b> Phiri, M. 2014. Factor Z in HIV/TB co-infection. J of Infectious Diseases in Kenya. 21:1138-1142.
Phiri, Moses	Mwanda, Jane	Current	2014-Present	<b>Mwanda J.</b> Phiri, M. Banda, E.2015. Identifying HIV, TB and Hepatitis B co-infection. J of HIV/TB. 12:10-13
Brown, James.	Kidha, Rose	Current	2013-Present	White R., <b>Kidha R.</b> , Phiri, M. 2014. Epidemiology of Neglected Tropical Diseases in HIV-infected patients in Kenya. J of NDT. 22:35-41.



## Table 8I. Program Outcomes: International Trainees

### For Renewal or Revision applications and research performance progress reports only

#### Rationale

This table provides information about the use of research training support (e.g., distribution by faculty member, year in program, years of support per international trainee). The data also permits an evaluation of the effectiveness of the supported training program in achieving the training objectives of the prior award period(s) for up to 15 years.

#### Instructions

##### Part I. Those Supported by the Training Grant

In **Part I**, list sequentially, by year of entry into the program, all international trainees who have been supported by this grant for at least one person month at any time during the last 15 grant years, including those who did not complete the training program for any reason. If the grant has been active for less than 15 years, list all international trainees to date.

For each trainee, provide:

- 1) **International Trainee/Country.** Provide the student's name in the format Last Name, First Name and Middle Initial. Indicate their country of citizenship or residence (whichever is applicable).
  - 2) **Faculty Member.** In the format of Last Name, First Name and Middle Initial, provide up to two primary research training faculty that acted as mentors (for trainees, these will be training grant faculty). If not yet selected, indicate "TBD" (to be determined).
  - 3) **Start Date.** Provide the calendar month and year of entry into the current program in the format MM/YYYY.
    - **Summary of Support During Training.** Provide the type of support during each twelve-month period of training, using TY1 for Training Year 1, TY2 for Training Year 2, etc.
  - 4) **Degree(s) received and Year(s).** If applicable, list the advanced degree(s) received and year(s) awarded, and any terminal degree(s) (such as PhD or MD) received or indicate "non-degree" research training if relevant. International trainees currently in the program should be designated "in training;" for those who left the research training program without completing, report "none."
  - 5) **Topic of Research Project.** Enter the topic of the research project.
  - 6) **Initial Position, Department, Institution, Activity; and Current Position, Department, Institution, Activity.** For international trainees who completed or left the research training program, provide their initial and current positions, departments, and institutions. If individuals hold joint appointments/positions, list only the primary position. If information is not available, report "unknown." Classify each position as predominantly Research-intensive, Research-related, Further Training, or Other. Research-related positions generally require a doctoral degree, and may include activities such as teaching, administering research or higher education programs, science policy, or technology transfer.
  - 7) **Subsequent Grant(s)/Role/Year Awarded.** If applicable, list subsequent fellowship, career development, or research grant support obtained from any source, whether as PD/PI or in another senior role (i.e., co-investigator, faculty collaborator, or staff scientist) after the individual completed training. For NIH and other HHS support, list the awarding component, activity, role, and year (e.g., GM R01/Staff Scientist/2011). Up to five grants may be listed.
- **Summarize the data from Parts I in the Research Training Program Plan, either in the [Program Plan Section](#) or the [Progress Report Section](#), as appropriate.** Research Performance Progress Reports (RPPRs), provide updated trainee information in Part I reflecting new trainees and other changes

over the reporting period. Do not include data older than 15 years. Summarize these data in the Accomplishments Section, in responding to the question, “What opportunities for training and professional development has the project provided?”

## **Part II. Those Clearly Associated with the Training Grant (Not Applicable)**

## **Part III. Recent Graduates (Not Applicable)**

## **Part IV. Program Statistics**

In **Part IV**, report: 1) the percentage of international trainees receiving support from this training grant for a research doctoral degree at some point in the last ten years who received research doctoral degrees, and 2) the average time to research doctoral degree for all international trainees supported by this training grant in the last ten years, calculated to one decimal place (e.g., 5.5 years), excluding any officially-approved leaves of absence. Programs that have not received support for at least 10 years should not include the first section of the table (i.e., the percentage of trainees completing their degrees within 10 years). New programs that have not yet had any trainees complete the PhD should not include this table at all.

In calculating these program statistics, students leaving graduate school to transfer to medical school or other doctoral-level professional programs should be counted as part of the entering pool, but not as having earned a PhD-equivalent degree. Individuals transferring to or from PhD programs in similar fields at other institutions and not supported by this award 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 institution to the conferral of a doctoral degree or, in the case of dual-degree programs, both degrees, 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., MD/PhD, DDS/PhD), time to degree should be calculated from entry into the first degree program.

- For Research Performance Progress Reports (RPPR), summarize these data in the Accomplishments Section, in responding to the question, “What opportunities for training and professional development has the project provided?”

**Sample Table 8I. Program Outcomes: International Trainees**

**Part I. Those Supported by the Training Grant**

<b>International Trainee/Country</b>	<b>Faculty Member</b>	<b>Start Date</b>	<b>Summary of Support During Training</b>	<b>Degree(s) Received and Year(s)</b>	<b>Topic of Research Project</b>	<b>Initial Position Department Institution Activity</b>	<b>Current Position Department Institution Activity</b>	<b>Subsequent Grant(s)/ Role/Year Awarded</b>
Oye, John Kenya	Phiri, Moses	09/2010	TY 1: TW D43 TY 2: TW D43 TY 3: TW D43 TY 4: TW D43 TY 5: TW D43	MS 2012 PhD 2014	Factor Z in HIV/TB co- infection	Lecturer Dept of Medicine, University of Eden	Assistant Professor, Dept of Medicine, University of Eden Research Intensive	K43 TW998765 PI/2015
Mwanda, Jane. Kenya	Phiri, Moses	09/2014	TY 5: TW D43	In Training	HIV, TB and Hep B			
Kidha, Rose Kenya	Brown, James	09/2013	TY 4: TW D43 TY 5: TW D43	In Training	Neglected trop Diseases/HIV co-infection			

**Part II. Those Clearly Associated with the Training Grant (Not Applicable)**

**Part III. Recent Graduates (Not Applicable)**

**Part IV. Program Statistics**

<b>Percentage of International Trainees Supported by this Award for a Research Doctoral Degree 10 Years Ago Who Completed the Research Doctoral Degree</b>	<b>Average Time to Research Doctoral Degree for International Trainees Supported by this Award in the Last 10 years (not including leaves of absence)</b>
90%	4.6 yr