



National Institute of
General Medical Sciences



Division of Training
and Workforce
Development

Program Officials

NIH Training Table 8D

Program Outcomes: Undergraduate

Disclaimer

- This informational video is not in lieu of the guidance and instructions provided by the National Institutes of Health (NIH).
- Before completing the NIH tables, please read the following documents carefully:
 - 1) The appropriate Notice of Funding Opportunity for the grant to which you are applying;
 - 2) The SF424 (R&R) Application Guidelines, paying particular attention to the PHS 398 Research Training Program Plan Form; and
 - 3) The individual table instructions, that tend to include rationale statements and sample tables, where available.

Purpose of Table 8D

Rationale

- New applications – to provide data on outcomes for trainees who would have been eligible for the proposed training program and establish a baseline for subsequent evaluations.
- Renewal applications and RPPRs – to provide data on outcomes of trainees appointed to the grant and evaluate effectiveness of the program in achieving its training objectives.

Table 8D. Program Outcomes: Undergraduate

Part I. Those Appointed to the Training Grant (Renewal Applications and RPPRs)

Trainee	Faculty Member	Start Date	Summary of Support During Training	Degree(s) Received and Year(s)	Topic of Research Project	Initial Position	Current Position	Subsequent Grant(s)/Role/Year Awarded

Part II. Recent Graduates (Only for New Applications)

Undergraduate Student Participant	Faculty Member	Start Date	Summary of Support During Training	Degree(s) Received and Year(s)	Topic of Research Project	Initial Position	Current Position	Subsequent Grant(s)/ Role/Year Awarded

Table 8D: Trainee

Part I. Those Appointed to the Training Grant (Renewal Applications and RPPRs)

Trainee	Faculty Member	Start Date	Summary of Support During Training	Degree(s) Received and Year(s)	Topic of Research Project	Initial Position	Current Position	Subsequent Grant(s)/Role/Year Awarded
Gonzalez, Marc A.								
Johnson, Gina R.								
Chin, Bo								
Byrd, Nina L.								
Singh, Deepa S.								

For **Part I**, list sequentially, by year of entry into the program, all undergraduate students who have been supported by this grant at any time during the last 15 grant years, including those who did not complete the training program for any reason.

For **Part II (only for new applications)**, list sequentially all students graduating in a field, or from a program similar to the proposed undergraduate program, in the last five years who would have been eligible for the proposed program.

Use the format: Last Name, First Name and Middle Initial.

Table 8D: Faculty Member

Part I. Those Appointed to the Training Grant (Renewal Applications and RPPRs)

Trainee	Faculty Member
Gonzalez, Marc A.	Bradley, Andrea M.
Johnson, Gina R.	Diaz, Manuel R.
Chin, Bo	Katz, Samuel M.
Byrd, Nina L.	Hoops, Eric B.
Singh, Deepa S.	Hughes, Noreen S.

For **Part I and Part II**, Provide up to two primary research training faculty acting as mentors (for trainees, these will be training grant faculty). If not yet selected, indicate “TBD” (to be determined).

Use the format: Last Name, First Name and Middle Initial.

Table 8D: Start Date

Part I. Those Appointed to the Training Grant (Renewal Applications and RPPRs)

Trainee	Faculty Member	Start Date
Gonzalez, Marc A.	Bradley, Andrea M.	9/2007
Johnson, Gina R.	Diaz, Manuel R.	9/2008
Chin, Bo	Katz, Samuel M.	9/2009
Byrd, Nina L.	Hoops, Eric B.	9/2010
Singh, Deepa S.	Hughes, Noreen S.	9/2023

For **Part I** and **Part II**, provide the calendar month and year of entry into the current degree-granting program in the format MM/YYYY (for trainees, this date may precede the appointment to the training grant).

This information will be used with column 5 (Degrees Received and Years) to calculate time-to-degree.

Table 8D: Summary of Support

Part I. Those Appointed to the Training Grant (Renewal Applications and RPPRs)

Trainee	Faculty Member	Start Date	Summary of Support During Training
Gonzalez, Marc A.	Bradley, Andrea M.	9/2007	TY1: None TY2: Univ S TY3: GM T34 TY4: GM T34
Johnson, Gina R.	Diaz, Manuel R.	9/2008	TY1: Univ WS TY2: Univ WS TY3: GM T34 TY4: GM T34
Chin, Bo	Katz, Samuel M.	9/2009	TY1: None TY2: GM T34 TY3: GM T34 TY4: Fdn F
Byrd, Nina L.	Hoops, Eric B.	9/2010	TY1: PG TY2: GM T34 TY3: GM T34 TY4: NSF RA
Singh, Deepa S.	Hughes, Noreen S.	9/2023	TY1: Univ FA TY2: T34 GM

For **Part I**, provide the primary source and type of support during each 12-month period of training, using TY1 for Training Year 1, TY2 for Training Year 2, etc.

For NIH and other HHS support, list the awarding component and the activity. Bold the grant being reported in this application.

For other sources and types of support, use the categories listed on the next slide.

Report only the primary source and type of support for each twelve-month period of training.

For **Part II**, *leave this section blank.*

Table 8D: Summary of Support, cont.

Part I. Those Appointed to the Training Grant (Renewal Applications and RPPRs)

Trainee	Faculty Member	Start Date	Summary of Support During Training
Gonzalez, Marc A.	Bradley, Andrea M.	9/2007	TY1: None TY2: Univ S TY3: GM T34 TY4: GM T34
Johnson, Gina R.	Diaz, Manuel R.	9/2008	TY1: Univ WS TY2: Univ WS TY3: GM T34 TY4: GM T34
Chin, Bo	Katz, Samuel M.	9/2009	TY1: None TY2: GM T34 TY3: GM T34 TY4: Fdn F
Byrd, Nina L.	Hoops, Eric B.	9/2010	TY1: PG TY2: GM T34 TY3: GM T34 TY4: NSF RA
Singh, Deepa S.	Hughes, Noreen S.	9/2023	TY1: Univ FA TY2: T34 GM

Sources of Support:

- NSF
- Other Federal (Other Fed)
- University (Univ)
- Foundation (Fdn)
- Non-US (Non-US)
- Other (Other)
- None

Types of Support:

- Training Grant (TG)
- Financial Aid (FA)
- Pell Grant (PG)
- Work Study (WS)
- Research assistantship (RA)
- Teaching assistantship (TA)
- Fellowship (F)
- Scholarship (S)
- Other

Table 8D: Degrees received

Part I. Those Appointed to the Training Grant (Renewal Applications and RPPRs)

Trainee	Faculty Member	Start Date	Summary of Support During Training	Degree(s) Received and Year(s)
Gonzalez, Marc A.	Bradley, Andrea M.	9/2007	TY1: None TY2: Univ S TY3: GM T34 TY4: GM T34	BS 2011 MD/PhD 2019
Johnson, Gina R.	Diaz, Manuel R.	9/2008	TY1: Univ WS TY2: Univ WS TY3: GM T34 TY4: GM T34	BS 2012 MS 2014 PhD 2019
Chin, Bo	Katz, Samuel M.	9/2009	TY1: None TY2: GM T34 TY3: GM T34 TY4: Fdn F	AA 2011 BS 2013 PhD 2020
Byrd, Nina L.	Hoops, Eric B.	9/2010	TY1: PG TY2: GM T34 TY3: GM T34 TY4: NSF RA	BS 2014 PhD 2021
Singh, Deepa S.	Hughes, Noreen S.	9/2023	TY1: Univ FA TY2: T34 GM	In training

For **Part I** and **Part II**, list any associate, baccalaureate, and terminal degree(s) received and year(s) awarded.

Undergraduate students currently in the program should be designated “in training.”

For those who left the undergraduate program without a baccalaureate degree, report “none.”

Table 8D: Topic of Research Project

Part I. Those Appointed to the Training Grant (Renewal Applications and RPPRs)

Trainee	Faculty Member	Start Date	Summary of Support During Training	Degree(s) Received and Year(s)	Topic of Research Project
Gonzalez, Marc A.	Bradley, Andrea M.	9/2007	TY1: None TY2: Univ S TY3: GM T34 TY4: GM T34	BS 2011 MD/PhD 2019	Therapeutic potential of cell signaling in Alzheimer disease
Johnson, Gina R.	Diaz, Manuel R.	9/2008	TY1: Univ WS TY2: Univ WS TY3: GM T34 TY4: GM T34	BS 2012 MS 2014 PhD 2019	Viral infections
Chin, Bo	Katz, Samuel M.	9/2009	TY1: None TY2: GM T34 TY3: GM T34 TY4: Fdn F	AA 2011 BS 2013 PhD 2020	Circadian rhythms, sleep & metabolism
Byrd, Nina L.	Hoops, Eric B.	9/2010	TY1: PG TY2: GM T34 TY3: GM T34 TY4: NSF RA	BS 2014 PhD 2021	Nuclear pore formation
Singh, Deepa S.	Hughes, Noreen S.	9/2023	TY1: Univ FA TY2: T34 GM	In training	Ribosomal protein synthesis

For **Part I** and **Part II**, enter the topic of the research project.

Table 8D: Initial Position

Part I. Those Appointed to the Training Grant (Renewal Applications and RPPRs)

Trainee	Faculty Member	Start Date	Summary of Support During Training	Degree(s) Received and Year(s)	Topic of Research Project	Initial Position
Gonzalez, Marc A.	Bradley, Andrea M.	9/2007	TY1: None TY2: Univ S TY3: GM T34 TY4: GM T34	BS 2011 MD/PhD 2019	Therapeutic potential of cell signaling in Alzheimer disease	MD/PhD student UCLA School of Medicine Further Training
Johnson, Gina R.	Diaz, Manuel R.	9/2008	TY1: Univ WS TY2: Univ WS TY3: GM T34 TY4: GM T34	BS 2012 MS 2014 PhD 2019	Viral infections	Master's student Microbiology Vanderbilt University Further Training
Chin, Bo	Katz, Samuel M.	9/2009	TY1: None TY2: GM T34 TY3: GM T34 TY4: Fdn F	AA 2011 BS 2013 PhD 2020	Circadian rhythms, sleep & metabolism	PhD student Neuroscience University of Idaho Further Training
Byrd, Nina L.	Hoops, Eric B.	9/2010	TY1: PG TY2: GM T34 TY3: GM T34 TY4: NSF RA	BS 2014 PhD 2021	Nuclear pore formation	Postbac Trainee Biological Sciences Baylor University Further training
Singh, Deepa S.	Hughes, Noreen S.	9/2023	TY1: Univ FA TY2: T34 GM	In training	Ribosomal protein synthesis	

For **Part I** and **Part II**, provide the initial position, department, and institution, as applicable, for all students who have completed or left the undergraduate program. If individuals hold joint appointments/positions, list only the primary position. If information is not available, report “unknown.”

For each position, indicate the workforce sector (i.e., academia, government, for-profit, nonprofit, other) and principal activity (i.e., primarily research, primarily teaching, primarily clinical, research-related, further training, unrelated to research).

Table 8D: Current Position

Part I. Those Appointed to the Training Grant (Renewal Applications and RPPRs)

Trainee	Faculty Member	Start Date	Summary of Support During Training	Degree(s) Received and Year(s)	Topic of Research Project	Initial Position	Current Position
Gonzalez, Marc A.	Bradley, Andrea M.	9/2007	TY1: None TY2: Univ S TY3: GM T34 TY4: GM T34	BS 2011 MD/PhD 2019	Therapeutic potential of cell signaling in Alzheimer disease	MD/PhD student UCLA School of Medicine Further Training	Medical Resident Dept of Neurology Cedars-Sinai Hospital Further Training
Johnson, Gina R.	Diaz, Manuel R.	9/2008	TY1: Univ WS TY2: Univ WS TY3: GM T34 TY4: GM T34	BS 2012 MS 2014 PhD 2019	Viral infections	Master's student Microbiology Vanderbilt University Further Training	Scientist I Pfizer For-profit Primarily Research
Chin, Bo	Katz, Samuel M.	9/2009	TY1: None TY2: GM T34 TY3: GM T34 TY4: Fdn F	AA 2011 BS 2013 PhD 2020	Circadian rhythms, sleep & metabolism	PhD student Neuroscience University of Idaho Further Training	Postdoctoral Scholar Weill Cornell Medical School Further training
Byrd, Nina L.	Hoops, Eric B.	9/2010	TY1: PG TY2: GM T34 TY3: GM T34 TY4: NSF RA	BS 2014 PhD 2021	Nuclear pore formation	Postbac Trainee Biological Sciences Baylor University Further training	Lecturer Howard University Academia Primarily teaching
Singh, Deepa S.	Hughes, Noreen S.	9/2023	TY1: Univ FA TY2: T34 GM	In training	Ribosomal protein synthesis		

For **Part I** and **Part II**, provide the current position, department, and institution, as applicable, for all students who have completed or left the undergraduate program, following the directions for “Initial Position.”

If individuals have held only one position, complete only the initial position column.

If information is not available, report “unknown.”

Table 8D: Subsequent Grants

Part I. Those Appointed to the Training Grant (Renewal Applications and RPPRs)

Trainee	Faculty Member	Start Date	Summary of Support During Training	Degree(s) Received and Year(s)	Topic of Research Project	Initial Position	Current Position	Subsequent Grant(s)/Role/Year Awarded
Gonzalez, Marc A.	Bradley, Andrea M.	9/2007	TY1: None TY2: Univ S TY3: GM T34 TY4: GM T34	BS 2011 MD/PhD 2019	Therapeutic potential of cell signaling in Alzheimer disease	MD/PhD student UCLA School of Medicine Further Training	Medical Resident Dept of Neurology Cedars-Sinai Hospital Further Training	AG F30/PI/2013-2016
Johnson, Gina R.	Diaz, Manuel R.	9/2008	TY1: Univ WS TY2: Univ WS TY3: GM T34 TY4: GM T34	BS 2012 MS 2014 PhD 2019	Viral infections	Master's student Microbiology Vanderbilt University Further Training	Scientist I Pfizer For-profit Primarily Research	GM F31/PI/2017-2019
Chin, Bo	Katz, Samuel M.	9/2009	TY1: None TY2: GM T34 TY3: GM T34 TY4: Fdn F	AA 2011 BS 2013 PhD 2020	Circadian rhythms, sleep & metabolism	PhD student Neuroscience University of Idaho Further Training	Postdoctoral Scholar Weill Cornell Medical School Further training	NSF GRF/PI/2013-2015 HL K99/PI/2023-Present

For **Part I** and **Part II**, 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.

Table 8D: Completed table

Part I. Those Appointed to the Training Grant (Renewal Applications and RPPRs)

Trainee	Faculty Member	Start Date	Summary of Support During Training	Degree(s) Received and Year(s)	Topic of Research Project	Initial Position	Current Position	Subsequent Grant(s)/Role/Year Awarded
Gonzalez, Marc A.	Bradley, Andrea M.	9/2007	TY1: None TY2: Univ S TY3: GM T34 TY4: GM T34	BS 2011 MD/PhD 2019	Therapeutic potential of cell signaling in Alzheimer disease	MD/PhD student UCLA School of Medicine Further Training	Medical Resident Dept of Neurology Cedars-Sinai Hospital Further Training	AG F30/PI/2013-2016
Johnson, Gina R.	Diaz, Manuel R.	9/2008	TY1: Univ WS TY2: Univ WS TY3: GM T34 TY4: GM T34	BS 2012 MS 2014 PhD 2019	Viral infections	Master's student Microbiology Vanderbilt University Further Training	Scientist I Pfizer For-profit Primarily Research	GM F31/PI/2017-2019
Chin, Bo	Katz, Samuel M.	9/2009	TY1: None TY2: GM T34 TY3: GM T34 TY4: Fdn F	AA 2011 BS 2013 PhD 2020	Circadian rhythms, sleep & metabolism	PhD student Neuroscience University of Idaho Further Training	Postdoctoral Scholar Weill Cornell Medical School Further training	NSF GRF/PI/2013-2015 HL K99/PI/2023-Present
Byrd, Nina L.	Hoops, Eric B.	9/2010	TY1: PG TY2: GM T34 TY3: GM T34 TY4: NSF RA	BS 2014 PhD 2021	Nuclear pore formation	Postbac Trainee Biological Sciences Baylor University Further training	Lecturer Howard University Academia Primarily teaching	
Singh, Deepa S.	Hughes, Noreen S.	9/2023	TY1: Univ FA TY2: T34 GM	In training	Ribosomal protein synthesis			

Referencing Table 8D in the application or RPPR

Where and how should this information be referenced in the body of the application or RPPR?

- For applications, summarize these data in the Research Training/Education Program Plan (Program Plan or Progress Report section, as appropriate)
- For RPPRs, summarize these data in the Accomplishments Section

Thank You

Resources:

- 1) [Notice of Funding Opportunity](#) for the grant to which you are applying;
- 2) The [SF424 \(R&R\) Application Guidelines](#), paying particular attention to the [PHS 398 Research Training Program Plan Form](#); and
- 3) The [individual table instructions](#), including instructions, rationale statements, and sample tables, where available.

If you have questions about this table, please reach out to the Program Officer listed on the Notice of Funding Opportunity.

The Program Officer should be able to assist you.