

Application for the Global Health Equity Scholars (GHES) Fellowship Program 2024-2025

Survey Structure:

Introduction (1 Question)

Section 1. Main Application (46 Questions)

**Section 2. Research Proposal and Additional
Supplemental Materials (6 Questions)**

Section 3. Applicant Demographics (9 Questions)

Introduction

APPLICATION FOR GLOBAL HEALTH EQUITY SCHOLARS FELLOWSHIP YEAR 2024-2025

Welcome to the online application system for the Global Health Equity Scholars (GHES) fellowship. GHES is a one-year mentored global health research training fellowship funded by the NIH Fogarty International Center and offered by a consortium made up of Stanford University, the University of Arizona, the University of California at Berkeley, and Yale University. The consortium has collaborations with established medical and research institutions in 24 low- and middle-income countries (LMICs). During the fellowship year, trainees participate in a research experience at one of these institutions and conduct a research project relevant to the health priorities of the collaborating LMIC under the supervision of their mentors.

This online application system is for pre-and post-doctoral applicants from the U.S. and post-doctoral applicants from GHES collaborating LMICs. Pre-doctoral applicants are students in pre-doctoral or pre-health professional degree programs. Post-doctoral trainees are recent graduates of doctoral and health professional degree programs, usually within 5 years of obtaining their terminal degree. **We look forward to receiving your completed application by 5:00 pm Eastern Time on November 1, 2023.** The system will allow you to save your application and finish it later. Please try to avoid submitting multiple applications.

Please carefully review the GHES program [eligibility criteria](#) before you apply. This is a mentored fellowship and parts of this application must be completed with the input of your proposed mentors. GHES has designated mentor teams across U.S. and LMIC institutions. In many instances, the mentor teams are long-time research collaborators so if you propose to work with a specific GHES U.S. mentor it is likely that your LMIC mentor will be his/her collaborator and the other way around. All applicants must have a primary GHES U.S. mentor (defined as a faculty member at Stanford University, University of Arizona, University of California Berkeley, or Yale University) and a primary GHES LMIC mentor (defined as a faculty member at an institution in one of the GHES collaborating LMICs). You can propose to have additional mentors, however, you must have at least one primary U.S. and one primary LMIC mentor that are part of the GHES program. U.S. post-doctoral and pre-doctoral applicants can be from any college or institution in the country. You do not have to be part of or affiliated with Stanford University, University of Arizona, University of California Berkeley, or Yale University to apply. However, you do need to have a professional relationship with a GHES U.S. mentor at one of these universities. LMIC post-doctoral applicants must be part of or affiliated with an institution in one of the GHES collaborating LMICs. If you are applying for a post-doctoral fellowship, you must have a doctoral or health professional degree (you are not eligible with only a master's-level degree). Health professional post-doctoral applicants must have completed their clinical training within the last five years (2019 and later). Non-clinical post-doctoral applicants must have completed their doctoral degree within the last five years (2019 and later).

In addition, please also make sure you can meet the program requirements. If accepted, you are required to devote 100% of the 12-month fellowship year to the GHES program. This means you must work full-time on GHES and you cannot hold another job at the same time. U.S. fellows must spend 10-12 months of their fellowship year at their GHES LMIC site. LMIC fellows must spend 1-3 months of their fellowship year at their GHES U.S. institution. All fellows must attend a week-long orientation held at the NIH Campus in July.

If you have questions about your eligibility or the application process, please contact the GHES Program Manager, Ryan Borg, at ryan.borg@yale.edu.

Section 1. Main Application

Q1. Type of fellowship for which you are applying (select one):

- U.S. postdoctoral fellowship (U.S. citizen or permanent resident)
- LMIC postdoctoral fellowship (LMIC citizen)
- U.S. predoctoral student fellowship (U.S. citizen or permanent resident)
-

Q2. What institution are you currently affiliated with?

Q3. Please select the GHES U.S. institution with which your fellowship application is associated (select only one):

Please note that U.S. post-doctoral and pre-doctoral applicants from any college/university in the country can apply. You do not have to be part of or affiliated with Stanford University, University of Arizona, University of California Berkeley, or Yale University. However, you do need to have a professional relationship with the primary GHES U.S. mentor at one of these universities. LMIC post-doctoral applicants must be part of or affiliated with an institution in one of the GHES LMIC countries and have a professional relationship with the U.S. mentor at the collaborating GHES U.S school.

- Stanford University
- University of Arizona
- University of California, Berkeley
- Yale University
-

Q4. Please select the statement that best describes you:

As of July 1, 2024, you will be a pre-doctoral student who has not yet completed your terminal degree. Pre-doctoral means you are currently enrolled in a pre-doctoral (e.g., PhD, DrPH, etc.) or pre-health professional (MD, DO, DVM, etc.) degree program. Only U.S. citizens and U.S. residents are eligible to apply for a pre-doctoral fellowship. Please select a post-doctoral fellowship option if you will complete your degree program by June 30, 2024.

You completed a doctoral degree (e.g., PhD, DrPH or equivalent research degree) within the last 5 years (2019 and later) and are applying for a post-doctoral fellowship.

You completed a health professional degree (e.g., MD, DO, DVM, DDS, MBBS, MMed, or equivalent professional degree) and finished your clinical training within the last 5 years (2019 and later) and are applying for a post-doctoral fellowship. You have a health professional degree if you treat patients or provide direct patient care of any type.

If you will be a pre-doctoral student on July 1, 2024, please answer question Q4a. Skip this question if you already completed your doctoral/professional degree.

Q4a. Date degree is expected (month/year):

Q5. Have you ever received NIH funding before?

No

Yes

If you answered Yes to Q5, please answer the next question:

Q5a. Please select the NIH institute from which you have received funding. (Select all that apply.)

NCI

NEI

NHLBI

NHGRI

NIA

NIAAA

NIAID

NIAMS

NIBIB

NICHD

NIDCD

NIDCR

NIDDK

NIDA

NIEHS

NIGMS

NIMH

NIMHD

NINDS

NNR

NLM

CC

CIT

CSR

FIC

NCATS

NCCIH

CIT

Other (please specify):

Q6. Are you reapplying to the GHES consortium?

No

Yes

If you answered Yes to Q6, please answer the following question:

Q6a. Please state the year you applied and explain how this application is different from your previous submission.

Q7. First (given) name:

Q8. Middle name (optional):

Q9. Last name (surname):

Q10. Present street address (house number and street name):

Q11. Present city:

Q12. Present state/territory/province (enter N/A if this does not apply):

Q13. Present country:

Q14. Present five-digit postal code (enter N/A if no postal code):

Q15. Is your permanent address different than your present address?

No

Yes

If you answered Yes to Q15, please answer the following question:

Q15a. What is your permanent address (street address, city, state/territory/province, country, postal code):

Q16. Are you a:

U.S. Citizen

U.S. Permanent Resident

Other Citizenship

If you are a U.S. Permanent Resident, please answer this question.

Q16a. Please provide your U.S. permanent card number:

If you have other citizenship, please answer this question.

Q16b. Please specify your country of citizenship:

Q17. Primary email address:

Q18. Secondary email address:

Q19. Best telephone number to contact you (with country code):

Q20. Please list all of your completed degrees. Include the type of degree, the month and year of completion, and the discipline/specialty (e.g., BS, 05/2014, biology; PhD, 06/2021, biostatistics)

Q21. Please list your current or most recent position. Include your professional title, department (if applicable), and institution name.

Q22. How long have you been in your current position (number of years and/or months):

Q23. While not a requirement for the application, please mark all languages (other than English) you know and indicate your skill level:

	Beginner (1)	Conversational (2)	Fluent (3)
Mandarin (9)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hindi (5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spanish (2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
French (1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arabic (3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Swahili (11)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other language 1 (please specify): (6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other language 2 (please specify): (7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other language 3 (please specify): (8)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Q24. With which GHES institution do you propose to do your research training? (Select one.)

- Bangladesh, International Centre for Diarrhoeal Disease Research (icddr,b), Dhaka
- Burkina Faso, Institut de Recherche en Sciences de la Santé Direction Régionale de l'Ouest (IRSS-DRO) OR Institut des Sciences et Techniques (INSTech), Bobo-Dioulasso
- Colombia, Centro Internacional de Entrenamiento e Investigaciones Medicas (CIDEIM), Cali
- Colombia, Universidad de los Andes, Bogotá
- Ecuador, Instituto de Microbiología, Universidad San Francisco, Quito
- Ethiopia, Addis Ababa University, Addis Ababa
- Ghana, Noguchi Memorial Institute of Medical Research (NMIMR) with the University of Ghana, Accra
- India, Sri Ramachandra Institute of Higher Education and Research (SRIHER), Chennai
- Jamaica, Caribbean Institute for Health Research (CAIHR) at the University of the West Indies, Kingston
- Kenya, Kenyatta National Hospital (KNH), Nairobi
- Lebanon, American University of Beirut (AUB), Beirut
- Liberia, University of Liberia College of Health Sciences (ULCHS), Monrovia
- Malaysia, Centre of Excellence for Research in AIDS (CERiA) at University of Malaya, Kuala Lumpur
- Nicaragua, Centro Nacional de Diagnóstico y Referencia (CND), National Virology Laboratory, Managua
- Nigeria, University of Jos/Jos University Teaching Hospital, Jos
- Pakistan, Aga Khan University (AKU), Karachi

Peru, School of Public Health and Administration at Universidad Peruana Cayetano Heredia (SPHA UPCH), Lima

Peru, Laboratory of Infectious Diseases at Universidad Peruana Cayetano Heredia (LID UPCH), Lima

Samoa, Samoa Ministry of Health Collaborative Research Center, Apia

Senegal, Cheikh Anta Diop University OR Institut Pasteur, Dakar

South Africa, Edendale Hospital, Pietermaritzburg

South Africa, University of the Witwatersrand (UW), Johannesburg

Tanzania, Shinyanga Regional Hospital/Health for a Prosperous Nation (HPON), Shinyanga

Uganda, Makerere University, Kampala

Ukraine, European Institute on Public Health Policy (EIPHP), Kiev

Zambia, Centre for Infectious Disease Research in Zambia (CIDRZ), Lusaka

Zimbabwe, University of Zimbabwe (UZ), Harare

Q25. Please describe your prior research experience and roles on projects. (Maximum: 300 words.)

Q26. Please describe your previous experience in resource-limited settings. This may include, but is not limited to, research experience in these settings. (Maximum: 300 words.)

Q27. Please list your research publications. (Published or under review only. Please indicate if under review.)

Q28. Please list your conference presentations and/or accepted abstracts.

Q29. Please list any awards you have received.

Q30. Statement of career goals and plans: Please state why you are interested in a mentored global health research training experience in an LMIC. In addition, please describe how your career goals relate to global health and how this program will contribute to your professional advancement. (Maximum: 800 words.)

Q31. Please provide the name of your GHES primary U.S. mentor.

Q32. Please provide the email address for your GHES primary U.S. mentor.

Q33. Please provide the name of your GHES primary LMIC mentor.

Q34. Please provide the email address for your GHES primary LMIC mentor.

Q35. Mentoring plan: Please describe the research and experience of your primary mentors, their role in your fellowship, and your plans for mentoring interactions during your fellowship year. Please also include why you chose this team of mentors and what characteristics you look for in a good mentor. (Maximum: 300 words.)

Q36. Training plan: One of the goals of the GHES program is to provide a solid scientific research foundation needed to conduct research with increasing independence. Trainees should receive instruction and training in scientific methods (e.g., rigorous research design, methods, and statistical analysis), skills (e.g., scientific writing and presentation and grant

writing), and research practices (e.g., research ethics, good clinical practice, good laboratory practice, biosafety, and research administration). Trainees should also engage in structured professional development activities (e.g., Individual Development Plans, workshops or networking activities) that support a successful career in research. This experience should be tailored to the applicant's specific needs and goals and incorporate structured learning, skill development, networking, and mentoring activities.

Describe the training activities you intend to take part in, and how they will contribute to your fellowship research project and career development. (Maximum: 800 words.)

If you are a post-doctoral applicant from an LMIC, please answer Q37.

Q37. U.S. short-term training plan: LMIC post-doctoral fellows are required to participate in a 1 to 3 month training experience at the home university of their GHES primary U.S. mentor. The proposed training experience should add a unique scientific or technical dimension to your research experiences that could not be provided by your home LMIC institution. In rare cases, training can occur at another LMIC institution if it offers an exceptional opportunity relevant to your research project.

Please describe your plans for your U.S. short-term training. Describe activities you intend to take part in, and how they will contribute to your fellowship research project and career development. Be sure to explain how the activity adds a unique or scientific demonstration to your experience. If you would like to propose a training experience outside of your U.S. mentor's university, please justify how the proposed location and activities would benefit your fellowship research project and career development. (Maximum: 800 words)

Q38. Fellowship timeline: Please state what you intend to accomplish within the 12-month time frame, the feasibility of your proposed research project within the available budget and timeline, and the next steps to advance your research. (Maximum: 300 words)

Q39. IRB and ethics approval plan: Please describe your timeline for applying for Institutional Review Board (IRB) and ethics approvals. This should include both the U.S. and international collaborating institution/national IRBs. (Maximum 300 words)

Q40. Additional funding (if applicable): Please describe any additional sources of research funding that you have available for your project, or that you are applying for. This may include T32 grant support, K-award grant support, secondary fellowships, etc. Include start and finish dates, and what the funding covers (stipend, research activities, etc.). Please highlight how the GHES proposal differs from your funded activities, and/or how the GHES award would cover expenses not supported by the additional funding. If you do not have additional funding, please write N/A. (Maximum: 300 words.)

Section 2. Research Proposal and Additional Supplemental Materials

Q41. Please submit a research proposal according to these [Research proposal instructions](#).

Global Health Equity Scholars Application for 2024-2025 Fellowship Cycle Research Proposal Instruction

Please submit a research proposal that includes the following sections. Proposals missing any of the sections will not be reviewed.

1. Title of project
2. Abstract
3. Proposal with these sub-sections:
 - a. Background
 - b. Specific aims
 - c. Research methods
 - d. Significance of study
4. Reference list

Please use the following formatting guidelines:

- Document should be 1500 words or 4 pages maximum (not including reference list)
- Single-spaced with 1-inch margins
- 11-point font (Calibri, Arial or Times New Roman) with no changes to character density
- Use standard U.S. letter size (8.5x11 inches)
- Graphs, tables and figures may be included in your proposal, but they are counted toward the page limit
- Cite your sources and include a reference list. Can use any citation style you like. Number each reference and do not include more than 20. Can use additional page(s) if needed.
- Save your research proposal as a single PDF file and upload it to your application in the Qualtrics platform

Upload your completed research proposal as a single PDF file here.

Q42. All applicants must submit a minimum of two letters of support (or a maximum of three letters of support).

One letter should be from your GHES primary U.S. mentor at one of the four participating universities (University of Arizona, University of California Berkeley, Stanford University, Yale University). One letter should be from your GHES primary LMIC mentor at the collaborating LMIC research training site.

The optional third letter of support should come from either: 1) someone who knows you well and can address your research accomplishments, research potential, and likelihood of a successful research career in global health research; 2) or an optional third mentor who has content or technical knowledge related to the research focus area.

Each letter should be on the mentor's institutional letterhead and include the following:

- 1) Mentor's name
- 2) Mentor's position and institution
- 3) Mentor's email address
- 4) Mentor's phone number
- 5) Mentor's work address
- 6) Letters should be addressed to the Global Health Equity Scholars Fellowship Selection Committee
- 7) Letter must be signed by mentor

The letters should be scanned or saved as a PDF file and emailed to ghes2024@gmail.com. The mentor should email their own letter.

Q43. Please upload your NIH biosketch as a PDF file. Please use the NIH [FELLOWSHIP](#) biosketch format.

Q44. Please upload the biosketch of your GHES primary U.S. mentor as a PDF file. Mentors should use the NIH [NON-FELLOWSHIP](#) biosketch format.

Q45. Please upload the NIH biosketch for your GHES primary LMIC mentor as a PDF file. Mentors should use the NIH [NON-FELLOWSHIP](#) biosketch format.

Q46. Pre-doctoral student applicants and applicants who expect to complete their degree by July 1, 2024, must provide a copy of their most recent transcript. Non-official transcripts are allowed. Please upload your transcript as a PDF file.

Section 3. Applicant Demographics

The National Institutes of Health requires that NIH-funded training programs conduct outreach to, and quantify applications from, under-represented minorities in the health sciences, people with disabilities, and people from disadvantaged backgrounds. *This information is used solely for reporting to NIH and is not a factor in eligibility for or selection into the fellowship.* Please read about the NIH's policy on under-represented populations in research and answer the questions. [Policy on Underrepresented Populations in the U.S. Biomedical, Clinical, Behavioral and Social Sciences Research Enterprise](#):

Despite advancements in scientific research, information and education, opportunities are not equally available to all. NIH encourages institutions to diversify their student, trainee and faculty populations to enhance the participation of individuals from groups that are underrepresented in the biomedical, clinical, behavioral and social sciences.

The NIH has identified four categories of under-represented minorities:

1. The following racial and ethnic groups:

- a. Blacks or African Americans
- b. Hispanics or Latinos
- c. American Indians or Alaska Natives
- d. Native Hawaiians and other Pacific Islanders

It is recognized that underrepresentation can vary from setting to setting; individuals from racial or ethnic groups that can be demonstrated convincingly to be underrepresented by the grantee institution should be encouraged to participate in NIH programs to enhance diversity.

2. Individuals with disabilities, who are defined as those with a physical or mental impairment that substantially limits one or more major life activities, as described in the [Americans with Disabilities Act of 1990](#), as amended.

3. Individuals from disadvantaged backgrounds, defined as those who meet two or more of the following criteria:

- a. Were or currently are homeless, as defined by the McKinney-Vento Homeless Assistance Act (definition: <https://nche.ed.gov/mckinney-vento/>)
- b. Were or currently are in the foster care system, as defined by the Administration for Children and Families (definition: <https://www.acf.hhs.gov/cb/focus-areas/foster-care>)
- c. Were eligible for the Federal Free and Reduced Lunch Program for two or more years (definition: <https://www.fns.usda.gov/school-meals/income-eligibility-guidelines>)
- d. Have/had no parents or legal guardians who completed a bachelor's degree (see <https://nces.ed.gov/pubs2018/2018009.pdf>)
- e. Were or currently are eligible for Federal Pell grants (definition: <https://www2.ed.gov/programs/fpg/eligibility.html>);
- f. Received support from the Special Supplemental Nutrition Program for Women, Infants and Children (WIC) as a parent or child (definition: <https://www.fns.usda.gov/wic/wic-eligibility-requirements>)
- g. Grew up in one of the following areas: 1) a U.S. rural area, as designated by the Health Resources and Services Administration Rural Health Grants Eligibility Analyzer (see <https://data.hrsa.gov/tools/rural-health>), or 2) a Centers for Medicare and Medicaid Services-

designated Low-Income and Health Professional Shortage Areas
(see <https://data.hrsa.gov/tools/shortage-area/hpsa-find>)

4. Women from the above backgrounds (categories 1, 2 and 3)

Q47. Sex at birth:

Male

Female

Non-binary / third gender

Prefer not to say

Q48. Date of birth (dd/mm/yyyy)

Q49. Ethnic category:

Hispanic or Latino

Not Hispanic or Latino

Prefer not to say

Q50. Racial category (please select ALL that apply):

American Indian/Alaska Native

Asian

Black or African American

Native Hawaiian or other Pacific Islander

White or Caucasian

Other (please specify): _____

Prefer not to say

Q51. Do you have a physical or mental disability that substantially limits one or more major life activities?

Yes

No

Do not wish to disclose

Q52. Do you come from a disadvantaged background based on the definition provided above?

Yes

No

Do not wish to disclose

If you answered Yes to Q52, please answer the following question:

Q52a. Which disadvantaged background criteria do you meet? Select all that apply.

- Were or currently are homeless, as defined by the McKinney-Vento Homeless Assistance Act
- Were or currently are in the foster care system, as defined by the Administration for Children and Families
- Were eligible for the Federal Free and Reduced Lunch Program for two or more years
- Have/had no parents or legal guardians who completed a bachelor's degree
- Were or currently are eligible for Federal Pell grants
- Received support from the Special Supplemental Nutrition Program for Women, Infants and Children (WIC) as a parent or child
- Grew up in one of the following areas: a) a U.S. rural area, as designated by the Health Resources and Services Administration or b) a Centers for Medicare and Medicaid Services-designated Low-Income and Health Professional Shortage Areas

Q53. How did you hear about the GHES program?
