



AMERICAN SOCIETY OF TROPICAL MEDICINE & HYGIENE
ADVANCING GLOBAL HEALTH SINCE 1903



**Burroughs Wellcome Fund/
American Society for Tropical Medicine and Hygiene**
Post-doctoral Fellowship in Tropical Infectious Diseases

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CALL FOR APPLICATIONS
.....



Application Deadline: July 24, 2019

astmh.org



Application
Deadline:
July 24, 2019

About the Burroughs Wellcome Fund/ ASTMH Post-doctoral Fellowship in Tropical Infectious Diseases

Established in 1999, the Burroughs Wellcome Fund/ASTMH Post-doctoral Fellowship in Tropical Infectious Diseases supports career development of physician-scientists focused on infectious diseases of low and low-middle income countries.

This unique fellowship provides funding for individuals to conduct research in tropical infectious diseases (and, on occasion, other clinical conditions unique to tropical medicine).

It is designed to stimulate or sustain interest in research in tropical infectious diseases by individuals who are planning academic career paths focused on clinical research in order to build a long-term academic presence for our field in the U.S. and Canada.

Fellowship At-A-Glance

- Open to individuals with an academic appointment of fellow who propose to perform research in tropical infectious diseases
- Two years of financial support at \$65,000 US per year (see page 4)
- A minimum of three-months of each funded year must be spent performing research overseas. The three-month time period does not need to be continuous.
- [Preference given to ASTMH members](#) (post-doctoral fee is \$25)
- Notice of award in October 2019



This fellowship will enable me to enhance our understanding of the seroconversion and immune response to two different HBV vaccine schedules in Congolese infants.”

*Peyton Thompson, MD
University of North Carolina at Chapel Hill
2018 Fellowship recipient*

Table of Contents

About the Fellowship	2
Eligibility	3
Application Evaluation Criteria	4
Funding	4
Application Materials	5
Award Administration	9
Agreements and Reporting	9
Burroughs Wellcome Fund/ ASTMH Fellowship Committee	11



2018 Fellowship Recipients



Lisa Bebell, MD

Massachusetts General Hospital

"Associations between antiretrovirals, placental abnormalities and birth outcomes among women taking PrEP in Uganda"



Uganda



DeAnna Friedman-Klabanoff, MD

University of Maryland

"In search of natural immunity: finding serologic markers of immunity after exposure to malaria"



Malawi



Peyton Thompson, MD

University of North Carolina at Chapel Hill

"Evaluating immunogenicity of a birth dose of HBV vaccine in the DRC"



Democratic Republic of the Congo

Eligibility

Open to individuals from U.S. or Canadian accredited institutions who have a medical degree and an academic appointment of fellow who are proposing to perform research in tropical infectious diseases. In addition to post-doctoral infectious disease fellows, applicants who have completed training in other clinical specialties relevant to tropical medicine (e.g., internal medicine, pediatrics, OB/GYN) are encouraged to apply. The fellowship is NOT intended for students, pre-doctoral candidates, veterinarians, nurses, PhD scientists seeking post-doctoral opportunities, or faculty-level applicants. In addition, it is NOT intended to provide funding for overseas clinical electives or experiences.

Particular consideration will be given to:

- North American clinician-scientists enrolled in (or accepted by) a fellowship program approved by the Accreditation Council for Graduate Medical Education (ACGME) and those accredited through the Royal College of Physicians and Surgeons of Canada
- Applicants seeking support for their third (research) year of fellowship training
- ASTMH post-doctoral student members

A minimum of three months of each funded year must be spent conducting research overseas.

Applicants working toward board eligibility must obtain approval from their fellowship program director before applying for this award. If the period covered by this award is to be considered toward board eligibility, the recipient must have a continuity clinic at the overseas site (and the program director must notify the ACGME concerning the integration of this clinic into their fellowship program).



**Application
site opens**



**Application
deadline**



**Notice of
awards**

Application Evaluation Criteria

- Potential of this fellowship to influence the candidate's career
- Excellence and promise of the proposed candidate and his/her work
- Relevance of the proposed work to the amelioration of important tropical/geographic infectious diseases
- Excellence and experience of home and overseas mentors
- Adequacy of field populations/laboratory/epidemiologic facilities for the proposed work
- Institutional commitment from the home and overseas institutions
- Duration of three months at overseas site

Funding

- The Fellowship consists of two years of support at \$65,000 U.S. per year to cover travel, stipend, fringe benefits, health insurance and capacity development at the overseas site.
- The Fellowship does not allow for indirect costs.
- Funds for **Year One** of the Burroughs Wellcome Fund/ASTMH Fellowship will be distributed to the applicant's home institution. Subsequent allocation of funds for **Year Two** for qualifying fellowship recipients will be the responsibility of the applicant's home institution.

Funding is available for two 12-month periods:

Year One

The award for Year One will be made during the fellowship (generally the final year). During Year One of the Fellowship, the recipient should commit at least 80% of his/her time to research and spend three months working in a tropical or developing area. The three-month time period does not need to be continuous.

Year Two

The award for Year Two will be made once the recipient has entered a stable, entry-level faculty position. Year Two carries the same requirements as Year One: commit at least 80% of his/her time to research and spend three months working in a tropical or developing area. The three-month time period does not need to be continuous.

Online Application Site

Opens June 19 [here](#).

Application Deadline - July 24, 2019

After July 24, only completed applications will be forwarded to the review committee.

Award Notice

Applicants will be notified of decisions in October 2019.

“
This fellowship
will help me in
my long-term
goal to become
an independent
investigator dedicated
to the development of
a malaria vaccine.”

*DeAnna Friedman-Klabanoff, MD
University of Maryland
2018 Fellowship recipient*



Application Materials

Applicants are encouraged to gather all application materials prior to online submission.

Although it is possible to edit the application prior to the July 24 deadline, the submission process will be smoother and more efficient if the application packet is completed in one session.

Need help? [View a sample application](#).

1. CV and Bibliography Information

- Date/place of birth/citizenship/visa status
- Education – schools, dates and degrees earned (2,500 characters)
- Residency, if applicable – include department and dates (2,500 characters)
- Post-doctoral fellowships, if applicable – include department and dates (2,500 characters)
- Other training (2,500 characters)
- Chronological listing of employment experience and honors (2,500 characters)
- Titles, authors and complete references to all publications (2,500 characters)

2. Applicant Letter (3,000 character limit)

Include in the applicant letter:

- Description of how the Burroughs Wellcome Fund/ASTMH Fellowship will enhance career development in tropical medicine
- Summary of research project to be undertaken for the fellowship period
- Personal career goals and how this project fits into those goals
- Project start date and end date

3. Research Proposal (8 pages maximum)

- Background, rationale, and specific aims (1-2 pages)
 - Indicate how the project supports the [mission and goals of ASTMH](#)
 - Indicate how the project will advance the candidate's academic career
- Research strategy (3-5 pages)
 - Research design – Describe the work that will be done in the overseas site and explain why it needs to be done abroad (as opposed to domestic setting)
 - Data interpretation
 - Expected outcomes
 - Feasibility
 - Potential obstacles/alternative strategies
 - Timeline
 - Mentorship, career development and future directions
- References



The support provided will allow me to develop new international collaborations. ”

*Tara Bouton, MD, MPH&TM
Brown University*

Application (cont.)

4. Home Institution Sponsor/Mentor Letter, CV and Approval Documentation (3 pages maximum)

This letter should include:

- Details of the applicant's qualifications and proposed role on the research project
- Detailed information regarding the overseas location, resources available (staff and facilities), duration of applicant's stay, plans for onsite mentoring and overall institutional commitment
- Describe the promise of the proposed candidate and his/her work, as well as the applicant's potential to become a faculty member
- Describe the career trajectory of the applicant and explain how the Burroughs Wellcome Fund/ASTMH Fellowship will support his/her career development

Upload the following documents with the home institution sponsor/mentor letter:

- Home institution sponsor/mentor curriculum vitae
- Documentation of appropriate Institutional Review Board approval (of both the home and overseas sites) for the research project

5. Overseas Institution Sponsor/Mentor Letter, CV and Approval Documentation (2 pages maximum)

This letter should include:

- Details of the applicant's proposed role on the research project, specifically stating that the overseas sponsor has reviewed the proposed project and the qualifications of the candidate
- Confirmation that the project is feasible, important and practical in the time period allotted
- Confirmation that the sponsor, working closely with the home institution's sponsor/mentor, will be responsible for in-country oversight of the candidate
- Detailed information regarding the overseas location, resources available (staff and facilities), duration of applicant's stay and plans for onsite mentoring

Upload the following documents with the overseas sponsor/mentor letter:

- Overseas institution sponsor/mentor curriculum vitae
- Documentation of appropriate in-country Institutional Review Board approval for the research project

Applicants must upload the letter, curriculum vitae and IRB documentation from the home institution sponsor as a single PDF or Word file to the application site. Applicants are encouraged to obtain these documents from the home institution before beginning the application.



Application (cont.)

6. Program Director Letter (2 pages maximum)

This letter should include:

- Documentation of the applicant's enrollment in a fellowship program
- Confirmation that this fellowship will fund research that is part of the institution's fellowship program
- The letter should clearly state whether the time period funded by this award would count toward Board Eligibility. If so, then the program director must notify the Executive Director, Residency Review Committee for Internal Medicine, ACGME, 515 N. State St., Suite 2000, Chicago, IL 60610: (1) that a weekly continuity clinic has been established at the overseas site, (2) how this clinic integrates into the home fellowship program. The letter should detail hours, location, patient population, clinical oversight, mentoring, etc. It is the responsibility of the candidate and program director to assure that ACGME requirements are met.
- Upload a copy of the letter to the ACGME with this program director letter. A copy of any subsequent pertinent correspondence between the ACGME and program director will be required before funds are distributed.

7. Institutional Review Board Approval

- If research involves human or animal subjects, include a copy of current approval letters (or documentation that such approval is in process or will be sought) from both home and overseas sites
- Funds will be disbursed in advance of IRB approval, when necessary, with the understanding that research will not be undertaken without documentation of IRB approval from both locations, if required

Applicants must upload the letter, curriculum vitae and IRB documentation from the home institution sponsor as a single PDF or Word file to the application site. Applicants are encouraged to obtain these documents from the home institution before beginning the application.

8. Budget

Total funds available: \$65,000 U.S. for Year One of fellowship;

\$65,000 U.S. for Year Two of fellowship

- Budget should indicate funds for stipend, fringe benefits, health insurance, supplies, communications, travel expenses and capacity development at the overseas site
- Indirect costs are not allowed
- A detailed budget statement of how funds were used will be due 30 days after completion of each fellowship year

Applicants must upload the budget as a single PDF, Word or Excel file to the application site.



Application (cont.)

9. Other Support

- A summary of all funds or resources (whether federal, non-federal or institutional) that are available or pending to the applicant. This summary should include all active or pending funding sources available to the home institution sponsor.
- If other support is available to the applicant or to the sponsor, especially if it is available for scientific projects related to the research proposed for the Burroughs Wellcome Fund/ASTMH Fellowship, the applicant and sponsor must state the specific need for additional funding support from the Burroughs Wellcome Fund/ASTMH Fellowship.
- If no funding support is available or pending to the applicant or home institution sponsor, this information should be included in the statement of “Other Support.”
- Applications will not be considered without a statement of “Other Support” *from both the applicant and the home institution sponsor.*

Indicate the following for each source of support:

- | | |
|---------------------------------|---|
| ➤ Name of funding organization | ➤ Applicant’s role on the project |
| ➤ Title of grant | ➤ Percentage of time spent on the grant |
| ➤ Years of support | ➤ Dates and costs of entire project |
| ➤ Duration of support | ➤ Dates and costs of current year |
| ➤ Yearly direct costs | ➤ Specific aims of the project |
| ➤ Amount of active funding | ➤ 1-2 sentence summary of the research focus of the grant |
| ➤ Source and identifying number | |
| ➤ Principal investigator | |

Applicant must upload the documentation regarding other support for both him/herself and the home institution sponsor as a single PDF or Word file to the application form. Need help? [View a sample application.](#)

Application Checklist

- | | |
|---|--|
| <input checked="" type="checkbox"/> CV and bibliography information | <input checked="" type="checkbox"/> Program director letter |
| <input checked="" type="checkbox"/> Applicant letter including personal statement of interest | <input checked="" type="checkbox"/> Institutional Review Board approval |
| <input checked="" type="checkbox"/> Research proposal | <input checked="" type="checkbox"/> Budget proposal |
| <input checked="" type="checkbox"/> Home institution sponsor/mentor letter | <input checked="" type="checkbox"/> Other support |
| <input checked="" type="checkbox"/> Overseas institution sponsor/mentor letter | <input checked="" type="checkbox"/> Preference given to ASTMH Member |
| | <input checked="" type="checkbox"/> Applicant photo (2-inch x 2-inch JPEG file, head shot preferred) |

Finalizing the Application

After entering all information and all document uploads have been made, applicant should proceed to the REVIEW SUBMISSION page and scroll to the bottom. If all information has been entered correctly, a drop-down menu will display at the bottom of the page. Applicant should select the COMPLETE response in the drop-down menu and hit SAVE. The application will then be complete and ready for review by the Burroughs Wellcome Fund/ASTMH Fellowship Committee.

Award Administration

Awards for Year One of the Burroughs Wellcome Fund/ASTMH Fellowship will be made to the recipient's home institution, which will be responsible for administering this fellowship. Subsequent allocation of funds for Year Two for qualifying fellowship recipients will be the responsibility of the recipient's home institution.

Agreements and Reporting

Recipients agree to list the Burroughs Wellcome Fund/American Society of Tropical Medicine and Hygiene Post-doctoral Fellowship in Tropical Infectious Diseases as a funding source for any publication generated by research funded by this fellowship.

Fellowship recipients agree to allow ASTMH to use their name and photo in Society publications, website and other communication vehicles for educational and professional development purposes, and not for solicitation purposes.

Fellowship recipients are required to submit a maximum three-page report within 30 days of completing the fellowship outlining the fellowship experience, lessons learned and impact on career development, as well as a budget summary indicating use of funds. Periodically, recipients may be invited to present their reports at the Society's Annual Meeting. Reports should be submitted to Rhonda Schultz, Coordinator, Awards and Fellowships, rschultz@astmh.org.

Recipients agree to provide ASTMH with interim reports outlining progress to date on research project, as well as budget summaries.

Fellowship Recipients and Overseas Study Locations

2017



Tara Bouton, MD, MPH&TM
Brown University

"Impact of delayed second-line drug resistance testing on clinical outcomes and genetic mutations in rifampin-resistant tuberculosis"



South Africa



Patrick Cudahy, MD
Yale University

"Biomarkers of Treatment Response and Composition of Multi-Drug Resistant Mycobacterium Tuberculosis Strains During Treatment"



South Africa



Matthew Ippolito, MD
Johns Hopkins University School of Medicine

"The clinical pharmacology of malaria control and elimination: Antigametocyte pharmacodynamics and barriers to resistance of artemisinin-based combination therapies"



Zambia

2016



Sarah-Blythe Ballard, MD
Johns Hopkins Bloomberg School of Public Health

"Discovery and characterization of new *Plasmodium vivax* pre-erythrocytic antigens for vaccine development"



Peru



Ruvandhi Nathavitharana, MPH, MD
Beth Israel Deaconess Medical Center

"Evaluating digital chest x-ray as a rule out test for tuberculosis"



Bangladesh



Jonathan Parr, MPH, MD
University of North Carolina at Chapel Hill

"Evolution and Spread of pfhrp2-deleted *Plasmodium falciparum* in the Democratic Republic of the Congo"



Democratic Republic of the Congo

2015



Lauren Cohee, MD
University of Maryland

"What are we missing? Malaria infection, disease and transmission in school-age children"



Malawi



Heidi Hillesland, MD
University of Washington

"Towards solving the mystery of how children acquire *Cryptosporidium* in African households"



Kenya



Matthew Kelly, MD, MPH
Duke University Medical Center

"Investigating the role of the nasopharyngeal microbiome in mediating pneumonia risk among HIV-exposed, uninfected infants in Botswana"



Botswana

Burroughs Wellcome Fund/ ASTMH Fellowship Committee

Joseph Tucker, MD, PhD, AM
Co-Chair
University of North Carolina
Project China

Molly Hughes, MD, PhD
Co-Chair
University of Virginia, School of
Medicine

Subash Babu, MBBS, PhD
NIH-NIRT-ICER

Michael A. Kron, MD, MSc
Medical College of Wisconsin

Anuja Matthew, PhD, MSc
University of Rhode Island

**Victoria McGovern, PhD,
FASTMH***
Burroughs Wellcome Fund
(*non-voting)

Dan Milner, MD, FASTMH
American Society of Clinical
Pathology

Joseph Vinetz, MD, FASTMH
Yale University

Questions about online
application process:

Rhonda Schultz
Coordinator, Awards & Fellowships
Direct: +1-703-650-5831
Fax: +1-571-351-5422
rschultz@astmh.org

Application timeline:

Application site opens June 19, 2019.

Applications due July 24, 2019.

Award notices will be sent in October 2019.

ASTMH is grateful to the



for their continuing commitment and support.

