

Deadline: October 15, 2008



**Burroughs Wellcome Fund/American Society of Tropical Medicine and Hygiene
Postdoctoral Fellowship in Tropical Infectious Diseases**

Application Deadline: October 15, 2008

**Submit your application on line via link posted at <http://www.astmh.org/funding/index.cfm>
beginning September 22, 2008.**

Thanks to a generous, expanded grant from the Burroughs Wellcome Fund, the American Society of Tropical Medicine and Hygiene is able to award three (3) postdoctoral fellowships each year. Each awardee will receive two (2) years of support. Although the program targets postdoctoral *infectious diseases* fellows, applicants who have completed training in other clinical specialties relevant to tropical medicine (e.g. internal medicine, pediatrics, OB/GYN) will also be considered.

These postdoctoral fellowships provide support for individuals to conduct research in tropical infectious diseases (and, on occasion, other clinical conditions unique to tropical medicine). Funding is available for two twelve-month periods. The first award will be made during fellowship (generally the final year); during Year One of BWF/ASTMH support, the fellow should commit at least 80% of his/her effort to research and spend at least three months working in a tropical or developing area. The second half of the award will be made once the grantee has entered a stable, entry-level faculty position; Year Two of the BWF/ASTMH fellowship carries the same expectations as Year One, i.e. 80% research effort and at least three months' work in a tropical or developing area.

These fellowships are *not* intended to provide funding for overseas clinical electives or experiences. The purpose of the BWF/ASTMH fellowships is to stimulate or sustain interest in research in tropical infectious diseases by individuals who are planning academic or other career paths ultimately focused on clinical research relevant to tropical or developing areas of the world.

Support: \$65,000 per year for two years to cover stipend, fringe benefits, and health insurance. In Year Two of the BWF/ASTMH fellowship, an additional \$10,000 is available for supplies, communications and travel expenses. These fellowships do not allow indirect costs.

Selection criteria:

1. Excellence and promise of the proposed candidate and her/his work;
2. Relevance of the proposed work to the amelioration of important tropical/geographic infectious diseases;
3. Excellence and experience of home and overseas mentors;
4. Adequacy of field populations/laboratory/epidemiologic facilities for the proposed work; and,
5. Potential of this fellowship to influence the candidate's career.

Applications will be considered from any individual with an academic appointment of fellow who proposes to perform research in tropical infectious diseases. The award is not intended for students, pre-doctoral candidates or faculty-level applicants. Preference 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 (RCPSC). Particular consideration will be given to candidates seeking support for their third (research) year of fellowship training.

Since a minimum of three months of each funded year must be spent performing 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 Accreditation Council for Graduate Medical Education [ACGME] concerning the integration of this clinic into their Fellowship Program).

The application deadline is **October 15, 2008** for funds to be distributed for July 2009. Applicants will receive notification of award decisions by early 2009.

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Previous recipients:

Iracema Arevalo, MD, MSc (2004)

New York University

"The role of the P38 MAP Kinase signaling pathway in the immunomodulatory and anti-parasitic action of imiquimod during *Leishmania* infection"

Ajay Bharti, MD (2002)

University of Texas Medical Branch

"Malaria transmission to mosquitoes: Comparison of symptomatic vs. asymptomatic malaria patients in the Peruvian Amazon"

Ryan Carroll, MD, MPH (2006)

Northwestern University

"The Cerebral Malaria Proteome in Fatal Pediatric Cases from Malawi, Africa"

David Christiansen, MD (2005)

The University of Utah

"Cerebral malaria: Nitric-oxide mediated blood flow"

Aric Gregson, MD (2001)

University of Maryland School of Medicine, Center for Vaccine Development

"Propagation of drug-resistant malaria"

Anusha Gunasekera (2003)

Harvard School of Public Health

"Genetic diversity of the vaccine candidates, AMA-1 and MSP-1, from clinical isolates of *Plasmodium falciparum* and *Plasmodium vivax* in Sri Lanka"

Scott Heysell, MD, MPH (2007)

Yale University School of Medicine

"Enhancing diagnosis of *Mycobacterium tuberculosis* in children in rural South Africa"

Risa Hoffman, MD, MPH (2006)

University of California at Los Angeles

"Male Genital Schistosomiasis and HIV-1 Shedding"

Paul Lantos, MD (2004)

Children's Hospital Boston

"Relationship of clinical severity to PfRBL expression in *Plasmodium falciparum*"

Matthew Laurens, MD (2007)

University of Maryland

"Malaria-HIV interactions and chemoprophylaxis in Malawi"

Regina LaRocque, MD (2001)

Massachusetts General Hospital, Division of Infectious Diseases

"Immune Response to TcpF Protein of *Vibrio Cholerae* in Bangladesh"

Dan Milner, MD (2004)

The Brigham and Women's Hospital, Boston

"Genomic diversity within *Plasmodium falciparum* in sub-Saharan Africa"

Holly Murphy, MD, MPH&TM (2002)

Tulane University

"Evaluating directly observed therapy with ZDV and NVP (DOT-ZDV/NVP) for prevention of maternal-to-child transmission (MTCT) of HIV in rural Haiti"

Rebeca Plank, MD (2006)

Brigham & Women's Hospital

"Male Infant Circumcision in Botswana"

Amber Read, MD (2007)

University of New Mexico Health Sciences Center

"Development of paratransgenic sandfly colonies with transformed *B. megaterium* and *B. linens* as a model to prevent visceral leishmaniasis"

Megan Reller, MDCM (2003)

Children's Hospital Boston

"Optimal detection of *Salmonella* Typhi and Paratyphi from the blood in children in Pakistan"

Krystn R. Wagner, MD, PhD (2000)

Johns Hopkins University

"Molecular beacons for rapid diagnosis of *Mycobacterium tuberculosis*"

Thor Wagner, MD (2007)

University of Washington

"Improving pediatric HIV-1 diagnostics in an effort to avoid antiretroviral failure in Tamilnadu, India"

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Application Guidelines

Submit your application on line via link posted at <http://www.astmh.org/funding/index.cfm> beginning September 22, 2008.

Collect all application materials prior to submitting them to the online awards system. Although you will be able to edit your award submission prior to the October 15 deadline, the submission process will be much easier if you collect all application materials prior to submission.

1. Applicant Letter

Summarize the research to be undertaken for the award period. Summary should state your personal career goals and how this project fits into those goals. Letter should include research fellowship start/stop dates. Do not exceed one single-spaced, typed page; font should not be smaller than 12 point. (3500 character limit)

2. Home Institution Sponsor/Mentor Letter

Letter should detail the applicant's qualifications; sponsor must be an ASTMH member (application for ASTMH membership may accompany application for the BWF/ASTMH Fellowship). Letter should detail the applicant's proposed role on the research project. Sponsor should include detailed information regarding the overseas location, resources available (staff and facilities), duration of applicant's stay, details of onsite mentoring, and documentation of appropriate Institutional Review Board approval (of both the home and overseas sites) for the research project. Please include a copy of the sponsor's CV.

Very important...You are responsible for uploading the letter and CV from your home institution sponsor as a **SINGLE** pdf or Microsoft Word file to your application site. Please obtain these documents from your home institution before you begin your online application.

3. Overseas Institution Sponsor/Mentor Letter

Letter should detail the applicant's proposed role on the research project. Letter should specifically state that the overseas sponsor has reviewed the proposed project and the qualifications of the candidate. Letter should state that the project is feasible, important and practical in the time period allotted. Letter should state that the sponsor, working closely with the home institution's sponsor/mentor, will be responsible for in-country oversight of the candidate. Letter should include detailed information regarding the overseas location, resources available (staff and facilities), duration of applicant's stay, details of onsite mentoring, and documentation of appropriate in-country Institutional Review Board approval for the research project. Please include a copy of the sponsor's CV.

Very important...You are responsible for uploading the letter and CV from your overseas institution sponsor as a **SINGLE** pdf or Microsoft Word file to your application site. Please obtain these documents from your overseas institution before you begin your online application.

4. Program Director Letter

The letter should document the applicant's enrollment in a fellowship program and that this fellowship will fund research that is part of that 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 that: (1) 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 will be the responsibility of the candidate and program director to assure that ACGME requirements are met. A copy of the letter to the ACGME should accompany this application. A copy of any subsequent pertinent correspondence between the ACGME and program director will be required before funds are distributed.

Very important...You are responsible for uploading the letter from your program director (and ACGME letter, if applicable) as a **SINGLE** pdf or Microsoft Word file to your application site. Please obtain these documents from your program director before you begin your online application.

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5. Research Proposal

Maximum of three text pages with no appendices (one additional page may be used for references); font size should not be smaller than 12 point. Please include preliminary findings pertinent to establishing the feasibility of the project. (proposal = 11,000 character limit; references = 3,500 character limit)

6. Institutional Review Board Approval

Include copy of current approval letters (or documentation that such approval is in process or will be sought) from both home and overseas sites if research involves human or animal subjects. 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.

Very important...You are responsible for uploading the IRB letters as a **SINGLE** pdf or Microsoft Word file to your application site. Please obtain these documents from your home and overseas sites before you begin your online application.

7. Budget Itemization (Funds will be distributed to the home institution; subsequent allocation of funds will be the responsibility of the home institution.)

- Total funds available \$65,000/one-year fellowship
- Funds should cover stipend, fringe benefits, health insurance, supplies, communications, travel expenses, etc.
- 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.

Very important...You are responsible for uploading the budget as a **SINGLE** pdf, Microsoft Word or Excel file to your application site. Please obtain this document before you begin your online application.

8. Other Support

Indicate all funds or resources (whether federal, non-federal, or institutional) that are available or pending to the applicant. Also include all active or pending funding sources available to the home institution sponsor. **If no funding support is available or pending, please state that fact.** Applications will not be considered without an "Other Support" sheet **from both the applicant and the home institution sponsor.** When listing other support, please include the name of the funding agency, years of support, duration of support, yearly direct costs, name of the principal investigator, percentage effort, name of the grant and a one-to-two sentence summary of the research focus of the grant, and other information detailed below. 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 BWF/ASTMH Fellowship, the applicant and sponsor must state the specific need for additional funding support from the BWF/ASTMH Fellowship.

Complete the following information for each source of support:

- Name of grantor
- Amount of active funding
- Amount of pending funding
- Source and identifying number
- Principal investigator
- Title of grant
- Your role on the project
- Percentage of time spent on the grant
- Dates and costs of entire project
- Dates and costs of current year
- Specific aims of the project

Very important...You are responsible for uploading documentation regarding other support for yourself and the home institution sponsor as a **SINGLE** pdf or Microsoft Word file to your application site. Please collect these documents before you begin your online application.

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9. Curriculum Vitae and Bibliography

The following information will be collected pertaining to your curriculum vitae and bibliography:

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

10. *After October 15, any applications that do not include all information and document uploads indicated above will be considered incomplete and will not be forwarded to the review committee.*

Finalizing your application...After entering all information into your online application and after all document uploads have been made, go to the REVIEW SUBMISSION page and scroll down to the bottom. If all information has been entered correctly, you will see a drop-down menu at the bottom of the page. Select the response of COMPLETE in the drop-down menu and press SAVE. Your application will then be complete and ready for review.

Records

Awardees will be expected to present their research as either a poster or orally at the ASTMH annual meeting within two years of completing their fellowships.

Awardees will be expected to provide a two-page summary of their research experience and findings, and a statement on how this fellowship impacted their career development, within two years of completing the BWF/ASTMH fellowship.

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

Awardees agree to provide to ASTMH headquarters a budget sheet detailing use of funds. This budget sheet will be submitted within 30 days of completing the fellowship.

Questions? Contact ASTMH headquarters at:

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Deerfield, IL 60015 USA
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Fax: 847/480-9282
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<http://www.astmh.org>