



## SCHOOL OF MEDICINE

### Department of Internal Medicine

Infectious Diseases Division

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### Open Positions for Postdoctoral Fellows:

#### **Postdoctoral Fellowship 1: Translational research on lymphatic filariasis and onchocerciasis**

The Infectious Diseases Division of the Washington University School of Medicine in St. Louis has support from the Bill & Melinda Gates Foundation for research related to the elimination programs for lymphatic filariasis and onchocerciasis (see [www.dolfproject.wustl.edu](http://www.dolfproject.wustl.edu)). We are seeking a postdoctoral fellow to perform laboratory research on diagnostics and genomics of filarial parasites in St. Louis. Goal of the project is to identify population genomic markers for filarial parasites and perform population genomics studies before and after mass drug administration. The successful applicant will have extensive experience in parasitology or microbiology, molecular biology, population genetics and genomics. Knowledge in proteomics and computational biology would be helpful. The fellow will work together with a large group of international scientists from different disciplines and will have the option to participate in field research and sample collection in Africa and Asia. The candidate should be fluent in English and working knowledge in French would be an advantage. A strong publication background in peer review journals is a prerequisite. Although the position is based in St. Louis, the objective may require some international travel to developing countries and U.S. citizenship or permanent residency is preferred. Please reply with your C.V. and a summary of your research interests and career goals to Peter Fischer ([Pufischer@wustl.edu](mailto:Pufischer@wustl.edu)) or Gary Weil ([gary.j.weil@wustl.edu](mailto:gary.j.weil@wustl.edu)).

#### **Postdoctoral Fellowship 2: Identification of biomarkers for onchocerciasis and development of diagnostic tests**

The Infectious Diseases Division of the Washington University School of Medicine in St. Louis has support from the Bill & Melinda Gates Foundation to develop novel antigen and antibody assays for onchocerciasis and lymphatic filariasis. We are seeking a postdoctoral fellow to perform laboratory research on diagnostics of filarial parasites. The successful applicant will have extensive experience in molecular biology, immunology, protein biology and mass spectrometry. Knowledge in computational biology, parasitology or microbiology would be helpful. The fellow will work together with a large group of scientists from different disciplines, is expected to advise technicians and students and will help to coordinate a larger project. The candidate should be fluent in English and should have strong publication record in peer review journals in a field relevant to the project. The position is based in St. Louis, but due to the current situation U.S. citizenship or permanent residency is preferred. Please reply with your C.V. and a summary of your research interests and career goals to Peter Fischer ([Pufischer@wustl.edu](mailto:Pufischer@wustl.edu)) or Gary Weil ([gary.j.weil@wustl.edu](mailto:gary.j.weil@wustl.edu)).