

One Health Postdoctoral Associate Position Studying Zoonotic Diseases, Mongolia

Duke University's Division of Infectious Diseases invites applications from US citizens for a very unique two-year postdoctoral associate position, who will, with a team of two other postdoctoral associates from Mongolia, design and apply innovative solutions to Mongolia's zoonotic disease problems. The trainee will receive comprehensive instruction in the concept of One Health, which seeks to utilize cross-cutting interdisciplinary strategies to solve complex public health problems.

This postdoctoral training program will occur in two phases. Phase I will involve 2 months of initial training at Duke University (May 18, 2017 – July 17, 2017), where the team will receive structured One Health didactic training (One Health Training Program), as well as training in ethical conduct of human and animal research. Then, the team will work closely with an advisory committee to develop a pilot study of an innovative solution for one complex zoonotic disease problem in Mongolia. Once a research plan is approved by the advisory committee, the team will begin Phase II, where they will work in Mongolia on the zoonotic disease problem (July 2017 – April 30th, 2019).

While in Mongolia, the team will work with Mongolian government officials to conduct the study, which will likely consist of considerable travel to rural parts of Mongolia for field collections. While the postdoctoral team will be closely monitored, the team will be strongly encouraged to conduct independent team problem solving. After the team completes their study, they will be asked to transfer their knowledge to regional public health, veterinary and environmental health professionals throughout Mongolia, as well as translate scientific findings into prevention practices or products that will help to reduce the burden of zoonotic diseases among pastoral people worldwide.

Applicants should be US citizens and have doctoral degrees in public health, veterinary medicine, environmental health, medicine, epidemiology, microbiology, entomology, or a related field. This two-year fellowship includes annual support with a Kirschstein-NRSA award-level salary (\$47,476), round-trip airfare to Mongolia, research office support, Duke University employee benefits (<https://www.hr.duke.edu/benefits/>), plus cost-reimbursable housing expenses (up to \$10,000/yr).

Duke University is a comprehensive research institution that includes a remarkably wide range of academic departments and programs (www.duke.edu) and is recognized as one of the premier research institutions in the U.S. Duke is uniquely positioned to provide excellent opportunities for collaboration with colleagues across a variety of disciplines.

More information about the training program and our activities in Mongolia can be found at <http://sites.globalhealth.duke.edu/dukeonehealth/>

Applicants should send their CV with a cover letter explaining how they fit this program, as well as references (names and contact) to Professor Gregory C. Gray at gregory.gray@duke.edu by **November 15th, 2016.**

Facts about Mongolia

- There are more than ten times as many animals as people in Mongolia, one of the world's most sparsely populated countries, where 2.5 million people live in a territory about half the size of Europe.
- Some 30 million sheep, goats, horses, yaks, and other animals graze on vast pasturelands covering almost four fifths of the country.
- Life in sparsely populated Mongolia has recently become more urbanized. Nearly half of the people live in the capital, Ulaanbaatar, and in other provincial centers. Semi-nomadic life still predominates in the countryside, but settled



For more information regarding the awarded NIH grant supporting this position click [here](#).