



Department
of Health

Wadsworth
Center

Tenure-Track Position at the Wadsworth Center

Host Response to Zoonotic and Vector-borne Diseases

The Wadsworth Center is seeking an outstanding scientist at the Assistant or Associate Professor level to establish a competitive, grant-funded research program in the area of the host response to vector-borne zoonotic diseases. Areas of particular interest include responses to tick- or mosquito-borne pathogens. The focus may include innate recognition of such pathogens, elucidating the protective mechanisms of the immune response and/or development of novel diagnostics and vaccines. Candidates using a systems biology approach are also encouraged to apply.

The Wadsworth Center located in Albany, NY, is the country's most comprehensive state public health laboratory, with a staff of 700, that includes over 100 doctoral level scientists. The Center provides a dynamic research atmosphere focused on infectious, genetic, and environmental diseases and their impact on human health.

The incumbent will join a vibrant group of research scientists and epidemiologists that participate in the Center's zoonotic and vector-borne diseases research focus area. Established research programs include immune evasion and pathogenesis of Lyme disease *Borreliae*, host and vector factors that determine competence of arboviruses, antibody-mediated protection against infectious agents and population genetics of *Anopheles*. Complementary Wadsworth Center research activities can be found at www.wadsworth.org.

Successful applicants will receive a competitive start-up package and access to the Center's outstanding scientific cores, a BSL2/3 insectary and AAALAC accredited BSL2/3 animal space. Teaching opportunities are available through faculty appointments in the Wadsworth Center Masters of Laboratory Science program and the University at Albany Department of Biomedical Sciences, School of Public Health.

Ph.D. degree or equivalent and relevant postdoctoral research experience are required. Applicants should submit their curriculum vitae, research plan and contact information for at least three references to wcphgc@health.ny.gov referencing "Host Response" in the subject line. Applications will be accepted until January 31, 2018 or until the position is filled. AA/EOE.