



Laboratory of Persistent Viral Diseases
Rocky Mountain Laboratories
National Institute of Allergy and Infectious Diseases
National Institutes of Health
903 South 4th Street
Hamilton, MT 59840

**Postdoctoral Intramural Research Fellowship Position
National Institute of Allergy and Infectious Diseases (NIAID)**

A postdoctoral fellowship position is available in the Laboratory of Persistent Viral Diseases in the Division of Intramural Research, National Institute of Allergy and Infectious Diseases, located at Rocky Mountain Laboratories (RML) in Hamilton, MT. This section uses *in vivo* and *in vitro* models to study mechanisms of viral pathogenesis in the central nervous system, with a focus on the interactions between the immune and nervous systems that regulate neuronal damage. We utilize cell culture, human cerebral organoid and animal models to investigate mechanisms of neuroinvasion, neuronal damage, immune regulation of infection and identification of antiviral drugs. Our studies primarily focus on the California Serogroup of Orthobunyaviruses, including La Crosse virus and Jamestown Canyon virus, but also utilize other encephalitic viruses, including Zika, West Nile virus and Herpes Simplex virus to study these processes. More information on our research can be found at: <https://www.niaid.nih.gov/research/karin-e-peterson-phd>.

RML offers state-of-the-art facilities for genomics, proteomics, DNA microarray, flow cytometry, and multiple biological imaging modalities including an internationally recognized electron microscopy core. The laboratory is located in the scenic Bitterroot Valley of western Montana, with easy access to some of the finest outdoor recreational opportunities in North America.

Starting stipends range from \$62,000-\$68,000 per year, depending on experience, and health benefits are provided. Preference will be given to those candidates with experience and a background in molecular pathogenesis and animal models of infection.

Applicants must hold a Ph.D., D.V.M., or M.D. Please send curriculum vitae and three letters of reference to the following contact:

Karin E. Peterson, Ph.D.
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