



The U.S. Department of Agriculture (USDA), Agricultural Research Service (ARS), North Atlantic Area is seeking highly qualified candidate for a temporary full-time Postdoctoral Research Associate (**Research Molecular Biologist/ Geneticist**), for the National Center for Cool and Cold Water Aquaculture Research Facility in Leetown, West Virginia. Salary range of \$63,091 to \$82,019. This position affords the opportunity to be a team member in the research project entitled “Integrated Research Approaches for Improving Production Efficiency in Salmonids”, located within the USDA-ARS National Center for Cool and Cold Water Aquaculture (NCCCWA), Leetown, WV, and will conduct genome mapping and molecular genetics studies to identify DNA sequence variation in positional candidate genes and regulatory elements affecting bacterial cold water disease (BCWD) resistance in rainbow trout. The specific research assignment will utilize QTL mapping and functional genomics data from previous studies at the NCCCWA and will involve gene discovery through the implementation of next generation DNA and RNA sequencing technologies combined with Genome-Wide-Association-Studies (GWAS). The successful candidate will participate as a multi-disciplinary team member in the selection and development of appropriate methodologies and experimental procedures.

Qualification Requirements: A Ph.D. in molecular biology, physiology, genetics, life science or a related field is required. Knowledge and experience in DNA sequencing, gene cloning, PCR, and gene expression is desirable as well as professional knowledge in Fish Biology, Fish Genetics, Molecular Biology, Genomics, Immunology and/or Aquaculture. Experience with aquaculture or animal production would be an asset. Strong computer programming and analytical skills are valuable. You must meet all requirements for the position including completion of the Ph.D. prior to entrance on duty. Citizenship Restrictions Apply.

Please send resume/CV to: USDA-ARS-NCCCWA, 11861 Leetown Road, Kearneysville, WV 25430, Attn: Dr. Yniv Palti. I can be reached by email or phone at [yniv.palti@ars.usda.gov](mailto:yniv.palti@ars.usda.gov), 1-304-724-8340 ext. 2134. This position is open until filled.

USDA/ARS is an equal opportunity employer and provider.