

Opportunity Title: Postdoctoral Research Opportunity – Endemic Poultry Viral

Diseases Research

Opportunity Reference Code: ARS-SEPRL-2015-0087

Organization U.S. Department of Agriculture (USDA)

Reference Code ARS-SEPRL-2015-0087

How to Apply A complete application package consists of:

- An application
- Transcript(s) – [Click here for detailed information about acceptable transcripts](#)
- A current resume/CV

If you have questions, send an email to USDA-ARS@orau.org. Please include the reference code for this opportunity in your email.

Description A postdoctoral research opportunity is available with the United States Department of Agriculture (USDA) Agricultural Research Service (ARS), U.S. National Poultry Research Center, Southeast Poultry Research Laboratory (SEPRL) in Athens, Georgia. As part of the ARS Animal Health National Program, the selected individual will perform research in the Endemic Poultry Viral Diseases research unit in support of the research project "Intervention Strategies to Control and Prevent Enteric Viral Diseases of Poultry". The objectives of the project are to characterize the complex viral community present in the poultry gastrointestinal tract, to develop novel molecular diagnostic assays for known and novel enteric viruses, and to design intervention strategies to control and prevent enteric disease and performance problems in poultry.

The appointment is full-time for one year and may be renewed for up to four additional years upon recommendation of the ARS and availability of funding. The annual stipend rate for this position is \$48,403. A stipend supplement in the amount of \$3,000 is also provided to offset the cost of an individual or family health insurance plan. The participant must show proof of health and medical insurance. Health insurance can be obtained through ORISE. Relocation expenses in the amount of \$500 will be reimbursed, with prior approval. Funding in the amount of \$1,500 is available to reimburse travel-related expenses to scientific and professional development activities. **The participant does not become an employee of ARS or ORISE.** Instead, the participant will be affiliated with ORISE for the administration of the appointment through the ORISE appointment letter and Terms of Appointment.

While participants will not enter into an employment relationship with ARS, this position requires a pre-employment check and a full background investigation.

This opportunity is available to U.S. citizens, Lawful Permanent Residents (LPR), and foreign nationals. Non-U.S. citizen applicants should refer to the [Guidelines for Non-U.S. Citizens Details](#) page of the program website for information about the valid immigration statuses that are acceptable for program participation.

This is an equal opportunity program open to all qualified individuals



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without regard to race, color, age, sex, religion, national origin, mental or physical disability, genetic information, sexual orientation, or covered veteran's status.

For more information about the ARS Research Participation Program, please visit the [Program Website](#).

Qualifications Eligible applicants must have received a doctorate degree in molecular biology, bioinformatics, microbiology, poultry science, virology, genetics, immunology, infectious diseases, or a related field within five years of the desired starting date.

Knowledge of current methods used in nucleic acid sequence analysis (including high-throughput sequence data analysis), phylogenetics, and bioinformatics is highly desirable, as are skills in molecular and classical virology, molecular biology, genetics, and biochemistry. Prior experience with animal experiments (birds in particular) and cell culture techniques is also desirable.

- Eligibility Requirements**
- **Degree:** Doctoral Degree.
 - **Discipline(s):**
 - **Computer, Information, and Data Sciences** ([1](#) )
 - **Life Health and Medical Sciences** ([9](#) )