

**Opportunity Title:** Postdoctoral Research Opportunity - Avian Disease and Oncology Laboratory (ADOL)  
**Opportunity Reference Code:** ARS-ADOL-2016-0090-04

**Organization** U.S. Department of Agriculture (USDA)

**Reference Code** ARS-ADOL-2016-0090-04

**How to Apply** A complete application package consists of:

- An application
- Transcript(s) – For this opportunity, an unofficial transcript or copy of the student academic records printed by the applicant or by academic advisors from internal institution systems may be submitted. Selected candidate must provide proof of completion of the degree before the appointment can start. Proof must be sent to ORISE directly from the academic institution including graduation date and degree awarded. All transcripts must be in English or include an official English translation.
- A current resume/CV

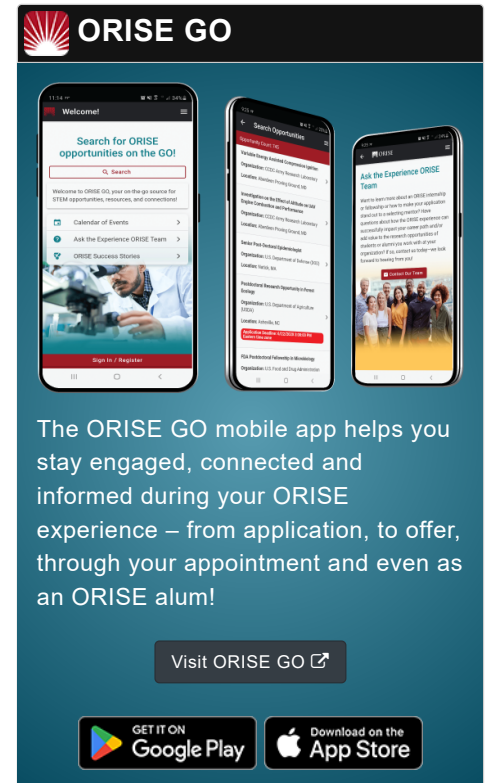
If you have questions, send an email to [USDA-ARS@orau.org](mailto:USDA-ARS@orau.org). Please include the reference code for this opportunity in your email.

**Description** A Postdoctoral Research Opportunity is available with the U.S. Department of Agriculture (USDA) Agricultural Research Service (ARS) Avian Disease and Oncology Laboratory (ADOL) in East Lansing, Michigan. The selected applicant will conduct research on chicken innate immune responses to Marek's disease virus infection and molecular mechanism of vaccine protection.

The appointment is full-time for one year and may be renewed for up to four 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 up to \$5,160 is 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 up to the amount of \$2,000 will be reimbursed, with prior approval. Funding of \$2,000 is available to reimburse travel-related expenses to scientific and professional development activities. The participant will not enter into an employee/employer relationship with ORISE, ORAU, USDA, or any other office or agency. 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



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


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

**Qualifications** Eligible applicants must have received a doctorate degree in immunology, infectious diseases, or related fields within five years of the desired starting date. A doctor of veterinary medicine (DVM) degree in addition to the previously mentioned degree is desirable but not required.

Preferred skills include:

- Experience with animal models of infectious diseases
- Experience with immunology research
- Strong molecular biology skills, including PCR (conventional and real-time), gene cloning and expression, sequencing, cell culture, flow cytometry, site-directed mutagenesis and bioinformatics
- Experience with experimental design and statistical analysis
- Strong interpersonal skills and the ability to operate independently
- Demonstrated ability to publish in peer-reviewed journals

**Eligibility Requirements**

- **Degree:** Doctoral Degree.
- **Discipline(s):**
  - **Life Health and Medical Sciences** (5 )