

Opportunity Title: Postdoctoral Research – Nutrition and Environmental Management

Opportunity Reference Code: ARS-NEMRU-2015-0075



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Organization U.S. Department of Agriculture (USDA)

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How to Apply A complete application 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@oraui.org. Please include the reference code for this opportunity in your email.

Description A postdoctoral research opportunity is available with the Nutrition and Environmental Management Research Unit (NEMRU) in Clay Center, Nebraska. The selected applicant will develop a high impact research program to improve production efficiency of beef or swine using a metabolomics approach to determine physiological processes that contribute to variation in feed intake, and nutrient utilization amongst populations of animals. The incumbent will use systems that monitor individual feed intake. S/he will be responsible for collecting biological samples, chemical analyses of the samples using GC-MS, LC-MS(QToF), and/or LC-MS/MS(Triple Quadrupole) procedures, and subsequent data analyses.

The appointment is full-time for one year and may be renewed upon recommendation of the ARS and availability of funding. The annual stipend rate for this appointment is \$57,983. A stipend supplement in the amount of \$13,615 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. **The participant does not become an employee of the ARS or ORISE.**

This opportunity is available to U.S. Citizens, Lawful Permanent Residents (LPR), and foreign nationals.

This is an equal opportunity program open to all qualified individuals 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 <http://www.orise.oraui.gov/usda-ars>.




Qualifications To be eligible, applicants must have received a doctorate degree and have experience in animal science with a background in metabolism and/or physiological chemistry. Preferred skills

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include a professional knowledge of nutrition, physiological chemistry, and experience using LC-MS/MS.

**Eligibility
Requirements**

- **Degree:** Doctoral Degree.
- **Discipline(s):**
 - **Communications and Graphics Design** (1 )
 - **Life Health and Medical Sciences** (2 )
 - **Mathematics and Statistics** (1 )