

Opportunity Title: ARS Research Opportunity – Natural Resources and Sustainable Agricultural Systems

Opportunity Reference Code: ARS-GEN-2016-0003

Organization U.S. Department of Agriculture (USDA)

Reference Code ARS-GEN-2016-0003

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
- Two references - While two references are requested, applications will be considered without reference information. It is preferred that a complete application package contains a minimum of one reference.

All documents must be in English or include an official English translation.

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

Description Research opportunities are available at various facilities associated with the U.S. Department of Agriculture (USDA) Agricultural Research Service (ARS). Through these opportunities, participants will develop advanced skills in agricultural related research. Participants will interact closely with research scientists who are currently conducting research in Natural Resources and Sustainable Agricultural Systems.

The Natural Resources and Sustainable Agricultural Systems research seeks to develop the technologies and strategies needed to help farmers, ranchers and other managers. Research involves a variety of stakeholders and includes both public and private lands. Emphasis is placed on:

- Developing technologies that are economical to use
- Developing systems that support profitable production
- Enhancing the Nation's renewable natural resource base

Specific research areas include:

- Water Availability and Watershed Management
- Climate Change, Soils, and Emissions
- Biorefining
- Agricultural and Industrial Byproducts
- Pasture, Forage and Rangeland Systems
- Agricultural System Competitiveness and Sustainability

Research opportunities are full-time, normally for one year, and may be renewed for up to four additional years upon recommendation of the ARS. Appointments are contingent on the availability of funds. The selected applicant will receive a stipend as support for their living and other expenses during this appointment. Stipend rates are determined by ARS officials, and are based on the applicant's academic and professional background. The participant must show proof of health and medical insurance. Health insurance can be obtained through ORISE.



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The participant will not enter into an employee/employer relationship with ORISE, ORAU, USDA, ARS, 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-appointment 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.

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

This is an open continuous announcement that will be used to collect applications from applicants. These applications will be used to fill vacancies as they become available.

**Eligibility
Requirements**

- **Degree:** Associate's Degree, Bachelor's Degree, Master's Degree, or Doctoral Degree.
- **Discipline(s):**
 - **Chemistry and Materials Sciences** ([8](#) )
 - **Communications and Graphics Design** ([1](#) )
 - **Computer, Information, and Data Sciences** ([6](#) )
 - **Earth and Geosciences** ([21](#) )
 - **Engineering** ([6](#) )
 - **Environmental and Marine Sciences** ([14](#) )
 - **Life Health and Medical Sciences** ([45](#) )
 - **Mathematics and Statistics** ([3](#) )
 - **Physics** ([2](#) )