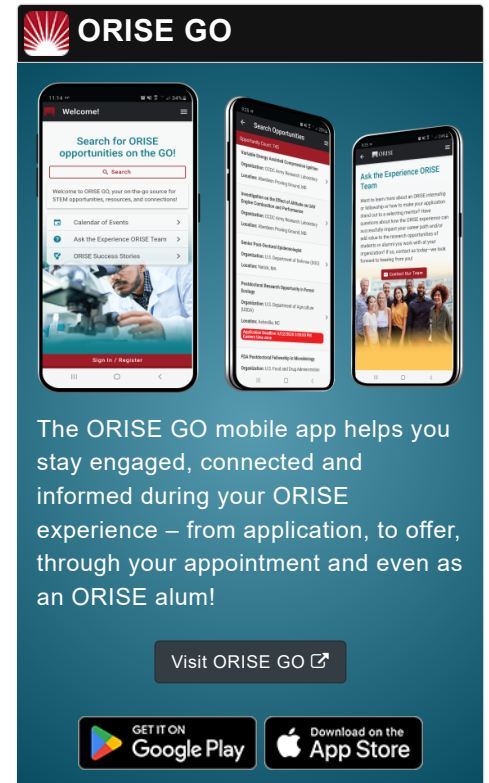


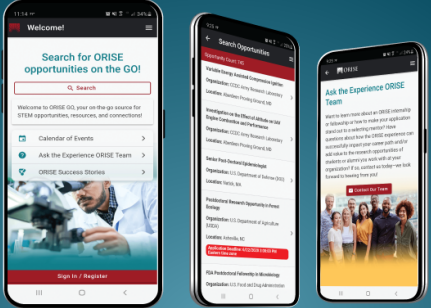
**Opportunity Title:** USDA-ARS Insect Behavior and Volatiles Internship

**Opportunity Reference Code:** USDA-ARS-2020-0189

<b>Organization</b>	U.S. Department of Agriculture (USDA)
<b>Reference Code</b>	USDA-ARS-2020-0189
<b>How to Apply</b>	<p>A complete application consists of:</p> <ul style="list-style-type: none"> <li>• An application</li> <li>• Transcripts – <a href="#">Click here for detailed information about acceptable transcripts</a></li> <li>• A current resume/CV, including academic history, employment history, relevant experiences, and publication list</li> <li>• Two educational or professional recommendations</li> </ul> <p>All documents must be in English or include an official English translation.</p> <p><b>Connect with ORISE...on the GO!</b> Download the new ORISE GO mobile app in the <a href="#">Apple App Store</a> or <a href="#">Google Play Store</a> to help you stay engaged, connected, and informed during your ORISE experience and beyond!</p>
<b>Application Deadline</b>	11/6/2020 3:00:00 PM Eastern Time Zone
<b>Description</b>	<p><b>*Applications are reviewed on a rolling-basis and this posting could close before the deadline.</b></p> <p><b>ARS Office/Lab and Location:</b> A research opportunity is currently available with the U.S. Department of Agriculture (USDA), Agricultural Research Service (ARS), Vegetable Crops Research Unit (VCRU) located in Madison, Wisconsin.</p> <p><b>Research Project:</b> The mission of the laboratory is gene flow and pollinators. We examine different aspects of this question, from pollinators moving genes, to introgression of cultivar genes into wild plant populations, to impact of visual and olfactory plant traits on insects, and relationships between gene flow, selection, genetic diversity and population structure. Under the guidance of a mentor, the participant will be involved in research on the behavioral response of insects to volatiles emitted by plants and will learn about insect behavior and volatiles. The participant will also help maintain plants in the greenhouse and in the field. The participant may contribute to other gene flow projects.</p> <p><b>Learning Objectives:</b> Throughout the course of this research project, the participant will improve their ability to design and perform experiments, collect and tabulate data, and perform statistical analyses of data.</p> <p><b>Mentor(s):</b> The mentor for this opportunity is Johanne Brunet (<a href="mailto:Johanne.Brunet@usda.gov">Johanne.Brunet@usda.gov</a>). If you have questions about the nature of the research please contact the mentor(s).</p> <p><b>Anticipated Appointment Start Date:</b> October 2020. Start date is flexible and will depend on a variety of factors.</p> <p><b>Appointment Length:</b> The appointment will initially be for ten months, but may be renewed upon recommendation of ARS and is contingent on the availability of funds.</p> <p><b>Level of Participation:</b> The appointment is full-time.</p>









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**Participant Stipend:** The participant(s) will receive a monthly stipend commensurate with educational level and experience.

**Citizenship Requirements:** 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.

**ORISE Information:** This program, administered by ORAU through its contract with the U.S. Department of Energy (DOE) to manage the Oak Ridge Institute for Science and Education (ORISE), was established through an interagency agreement between DOE and ARS. Participants do not become employees of USDA, ARS, DOE or the program administrator, and there are no employment-related benefits. Proof of health insurance is required for participation in this program. Health insurance can be obtained through ORISE.

**Questions:** Please visit our [Program Website](#). After reading, if you have additional questions about the application process please email [USDA-ARS@orau.org](mailto:USDA-ARS@orau.org) and include the reference code for this opportunity.

## Qualifications

The qualified candidate should have received a bachelor's degree in one of the relevant fields.

Preferred skills:

- Experience working with bees
- Previous experience with behavioral studies
- Previous experience with data entry and basic statistical analyses

## Eligibility Requirements

- **Degree:** Bachelor's Degree.
- **Overall GPA:** 3.20
- **Discipline(s):**
  - **Life Health and Medical Sciences** (3 👁)