

# BRENDAN RISKE

---

901 N 1st Ave, Tucson, Az

Phone: (781) 718-7164

brendanriske1@gmail.com

## EDUCATION

---

- University of Arizona: PhD** September 2019 - Current  
*Doctor of Philosophy Candidate: Entomology and Insect Science, Minor: Neuroscience*  
GPA: 3.65
- American University: Graduate** September 2017-May 2019  
*Master of Science in Biology*  
Thesis Title: *Cold Tolerance Of Native Wolbachia Endosymbiotes In Aedes Albopictus Larvae*  
G.P.A: 3.45
- Bentley University: Undergraduate** September 2009 - May 2013  
*Bachelor of Arts Major: Global Studies, Minor: General Business*  
GPA: 3.45

## WORK EXPERIENCE

---

- University of Arizona** September 2020-Current
- Teaching assistant for Ecology and Evolutionary Biology department
  - Instructed the ECOL 182 lab course, designed to teach principles of ecology to undergraduates
  - Instructed the PLS 312 Plant and Animal genetics Laboratory class
  - Successfully taught in person labs as well as via Zoom
- American University Biology Department** September 2017-May 2019
- Teaching assistant for the Biology Department at American University
  - Instructed and graded laboratory sections of up to 15 students
  - Taught two different introductory biology courses for science majors
  - Designed small lectures on various biology topics
  - Assisted students in learning many basic research techniques, including PCR, primer design, rat dissection, independent experimental design, transect studies and scientific paper comprehension
- Suffolk County Mosquito Control** May 2016-August 2017
- Senior larvacide technician for Suffolk County
  - Trained and supervised new technicians
  - Performed public outreach including participating in a public news story
  - Received further training in mosquito identification
  - Completed project goals on time by treating thousands of individual sites
- Field Research Assistant, Max Plank Institute** July 2015-October 2015
- Worked in a field camp in Cote d'Ivoire studying malaria in Chimpanzees (*Pan troglodytes*) by collecting mosquitos
  - Collected samples in the field and recorded data
  - Trained a local assistant in mosquito capture and identification
  - Designed methodology for experiment
  - Developed basic French language skills
- Massachusetts Department of Interior Mosquito Control Intern** April 2014-November 2014
- Served in both Norfolk County and Suffolk county mosquito control districts
  - Completed advanced training and testing in order to obtain pesticide applicator license
  - Part of a successful new program at Norfolk county involving spring ground larvaciding
  - Assisted in the ahead of schedule completion of the summer catch basin program at Suffolk County, involving applications to 30,000 sites.
  - Part of team which monitors mosquito populations and traps mosquitos for analysis and viral testing.

## Awards

---

## **Published Papers**

---

## **Grants and Contracts**

---

Jack Root Graduate Fellowship for Urban Entomology

May, 2021

## **Scholarly Presentations**

---