

POSTDOCTORAL RESEARCH ASSOCIATE IN COUPLED NATURAL-HUMAN SYSTEMS MODELING

<https://arizona.csod.com/ux/ats/careersite/4/home/requisition/7403>

The School of Government and Public Policy at the University of Arizona has an opening for a Postdoctoral Research Associate beginning in Spring 2022. This project is funded by NSF's Coupled Natural-Human Systems Program and uses computational agent-based models to better understand the complex dynamics of invasive species and the likely effects of different policy strategies to mitigate their impact.

This is a year-to-year appointment, contingent upon funding and performance.

The position will be supervised primarily by Dr. Adam Douglas Henry. The postdoctoral researcher will work closely with other team members, including Dr. Elizabeth Baldwin, Dr. Aaron Lien, Dr. Elise Gornish, and Dr. Jose Soto.

For more information about this position, please contact Dr. Adam Douglas Henry (adhenry@arizona.edu) or Dr. Elizabeth Baldwin (elizabethb@arizona.edu).

Outstanding UA benefits include health, dental, vision, and life insurance; paid vacation, sick leave, and holidays; UA/ASU/NAU tuition reduction for the employee and qualified family members; access to UA recreation and cultural activities; and more!

The University of Arizona has been recognized for our innovative work-life programs. For more information about working at the University of Arizona and relocations services, please click [here](#).

Employee COVID-19 Vaccine Requirement

All University employees are required to submit documentation demonstrating they are fully vaccinated for COVID-19 as a condition of employment unless granted a religious or disability/medical accommodation. New hires must submit their COVID-19 vaccine documentation or accommodation request no later than one week after their hire date or by December 8, 2021, whichever occurs later. To learn more about the employee COVID-19 vaccine requirement, submitting vaccine documentation, and/or requesting an accommodation, please visit <https://hr.arizona.edu/content/employee-covid-19-vaccine-requirement>

Duties and Responsibilities consist of:

- Supporting the PIs in development of computational models
- Designing and implementing surveys
- Engaging with local stakeholder groups
- Analyzing data and preparing manuscripts
- Being an active member of an interdisciplinary team of natural and social scientists

Minimum Qualifications

- Must have a PhD in public policy, political science, economics, geography, environmental science, or in a related field upon hire.
- Experience in empirical social science research.

Preferred Qualifications

- Experience working collaboratively within an interdisciplinary team
- Experience in computational social science methods such as social network analysis, and/or agent-based modeling
- Experience with invasive species