



Title:	Visualizing the Story of Wildlife in Our Cities
Duration:	10 weeks (approximately May – August 2021); 40 hours per week
Compensation:	\$4,000 stipend and job-related travel reimbursement
Minimum age:	18
Minimum requirements: (current as of April 2021)	<ul style="list-style-type: none">♦ Must be enrolled in a four-year accredited college or university.♦ Must have completed sophomore year prior to the start of the program. Must NOT be eligible to graduate prior to December 2021.♦ Must possess a minimum overall GPA of 3.0 based on a 4.0 scale at the time of application.♦ Must be a U.S. citizen, national, or permanent resident.♦ Must have a valid driver’s license and reliable personal vehicle.♦ Must be willing to travel (regionally) and work flexible hours (approximately 40 hours/week. This position may require travel connected with official duties, including attendance at night and weekend meetings, conferences, etc.
Preferred qualifications:	<ul style="list-style-type: none">♦ Completed coursework in geography, anthropology, science communication, environmental science, and/or natural resource fields with interest in the integration of these disciplines.♦ Proficient with identifying, processing, and compiling existing geospatial data in ArcGIS and associated visualization software products like ArcGIS StoryMaps®.♦ Experience with web development and associated programming.♦ Experience in collecting primary data from historical files (physical and digital) to create original GIS databases and layers.♦ Good writing and communication skills.♦ Self-motivated learner that can coordinate and implement projects.♦ Committed to working with diverse clientele and colleagues.♦ Ability to work effectively and build relationships with others.♦ Proficient in Microsoft Word, PowerPoint, and Excel.
Physical requirements:	<ul style="list-style-type: none">♦ Daily work will primarily be in the office or at data repositories (e.g., MS History and Archives building) compiling and synthesizing data.♦ Opportunities to assist with field work and instruction requires good physical condition and willingness to work in typical southeastern US field conditions, including high temperatures and humidity and biting insects (proper field work safeguards will be implemented including using insect repellent and wearing appropriate protective field clothing).♦ Occasionally the ability to lift and carry heavy objects (up to 40 pounds) moderate distances via cases or in a backpack could be needed.
Apprenticeship Description:	<p><i>NOTE: This position will take place in and around the Jackson, MS area.</i></p> <ul style="list-style-type: none">♦ The applicant will be involved in developing a comprehensive data framework that will support the creation of an interactive community engagement tool about urban wildlife. With guidance from the mentor and other national and local partners, the apprentices’ research will involve collecting and analyzing natural resource and cultural geospatial data for Jackson, MS relevant to urban wildlife. This data will then be used to create an ArcGIS StoryMaps® about how the city’s natural and cultural history has shaped the current wildlife community within it.♦ Once the tool is developed, the apprentice and mentor will develop and deliver a professional training on how to use this community engagement tool in other cities to improve wildlife education.

- ♦ Apprentice will work in a diverse rural-urban landscape including in and around commercial buildings, industrial areas, city parks, golf courses, and suburban and rural properties.
- ♦ Additional experiential learning opportunities will include assisting the mentor in conducting the 2021 Central MS Master Naturalist Program and shadowing civic group meetings, field days, and client consultations.
- ♦ Weekly opportunities to assist with field work and instruction will also be possible and encouraged.
- ♦ Other tasks will include creating user-friendly maps for volunteer community scientists' field work and field data management.
- ♦ Maintain a reflection journal outlining apprenticeship experiences.
- ♦ Develop and present a poster or presentation at an industry-related conference or professional meeting identified by the Extension mentor.

For more information about this apprenticeship opportunity, contact:

Dr. Adam Rohnke

Urban Wildlife Extension Specialist

Mississippi State University

Adam.rohnke@msstate.edu

601-857-2284 (office)

**Other
Information:**

Housing is not provided. However, program administrators may be able to assist you in finding an affordable place to live. To learn more about the MSU Extension Undergraduate Apprenticeship Program, visit <http://extension.msstate.edu/apprentice>.

Application Process: Online application due by **11:59 PM on February 14, 2021**. To apply visit: <https://bit.ly/2021MSUESApprenticeship>

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