

# Mange in bears – who cares?

## The importance of science communication and community engagement

Science and Mathematics

Colloquium Series

**Wed., Jan. 27, 3:30 p.m.**

Zoom link: <http://links.asu.edu/science-math>

Hannah Tiffin will discuss the importance of One Health in terms of her vector-borne and zoonotic disease research and the application of science to policy and the public sphere. One Health is the concept that the health of the environment, animals, and humans are interconnected: If one suffers, they all suffer. While the pandemic has presented many challenges, it has also revealed the importance of One Health to the general public, even if this isn't yet a casual term.

However, science doesn't happen in a vacuum and that is why Tiffin is passionate about connecting the public to scientific knowledge and working with the public to further scientific understanding. She firmly believes this is a two-way street, and that scientists can gain valuable data using community science, as well as learn from their communities. She has worked extensively with the hunting and trapping community in Pennsylvania and has pursued new research questions based on their expertise. Critically, by building trust in these communities, she has also used these low-stakes environments to address concerns regarding ticks and tick-borne diseases as well as dispel misinformation.

**Questions?** Contact [Steven.Saul@asu.edu](mailto:Steven.Saul@asu.edu)



**Hannah Tiffin**  
Graduate Student  
Pennsylvania State University

Hannah Tiffin has worked on vector-borne and zoonotic disease research in wildlife over the past 10 years, from mosquitoes, to mice, to feral hogs, and bears. Her research interests lie at the interface between wildlife and public health. She is in her third year as a PhD candidate at Penn State University and will graduate in spring 2022. She received her master's degree in environmental toxicology from Texas Tech University and worked for Pennsylvania's Dept. of Conservation and Natural Resources after receiving her bachelor's degrees in geography and biology from Shippensburg University. She loves to get outdoors and hike with their rambunctious pups, and is a freelance writer in her "spare time." See her website for more details or to get in touch! [www.bearlyfamous.weebly.com](http://www.bearlyfamous.weebly.com)

*Faculty and practitioners discuss their current research and field projects in the Science and Mathematics Colloquium Series, held throughout the academic year at ASU's Polytechnic campus. All seminars are free and open to the public.*