

House Mice and Changing Environments

Megan Phifer-Rixey, Ph.D.

Associate Professor, Department of Biology at Monmouth University

October 24, 4:00 PM (EST); *After seminar Dr. Phifer-Rixey will meet with students.*

phiferrixeylab.com

Phifer-Rixey Lab

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Evolution in Changing Environments

[Megan Phifer-Rixey, Ph.D.](#) is an Associate Professor of Biology at Monmouth University

Our Research: We are an evolutionary biology lab. We tackle questions related to adaptation, speciation, and population genetics. Right now, our primary focus is on the genetics of adaptation. There are many species that are able to live in drastically different environments. Our goal is to understand how those species have been so successful, everything from traits that affect survivorship and reproduction in different environments to the specific genetic changes underlying those traits. **Our primary study system is the house mouse, *Mus musculus*.** We have a new grant to study the genomics of urbanization in house mice.

Are you interested in joining the lab? **The Phifer-Rixey lab is moving to Drexel University in January 2023.** Please reach out via email if you are interested in student, technician, or postdoc positions <http://phiferrixeylab.com/contact/>.



Oliver Rixey, 11

Join Zoom Meeting

<https://us02web.zoom.us/j/83848154374?pwd=R1dNMDhKOGI2eE5Kak9CTXdsQ1JKdz09>

Meeting ID: 838 4815 4374

Passcode: 433686