

## Jillian M. Myers

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### Education

2020	<b>Ph.D.</b> Ecology and Evolutionary Biology, University of Michigan, Ann Arbor, MI
2019	<b>Graduate Teacher Certificate</b> , University of Michigan, Ann Arbor, MI
2018	<b>M.S.</b> Ecology and Evolutionary Biology, University of Michigan, Ann Arbor, MI
2011	<b>B.S.</b> Biology, James Madison University, Harrisonburg, VA
2009	<b>A.S.</b> Science, Laurel Ridge Community College, Middletown, VA

### Appointments

2023-present	Laboratory Research Specialist Senior, University of Michigan (UM)
2020-2023	Laboratory Research Specialist Intermediate, UM
2018-2021	Graduate Student Instructional Consultant, Center for Research on Learning and Teaching, UM
2019	Graduate Student Instructor, Ecology and Evolutionary Biology (EEB), UM
2018	Primary Instructor, Department of English, UM
2015-2016	Graduate Student Instructor, EEB, UM
2014	Laboratory Technician, James Madison University, Harrisonburg, VA
2013-2014	Scientist, Pharmaceutical Product Development, Inc., Richmond, VA
2012-2013	Associate Scientist, Pharmaceutical Product Development, Inc. Richmond, VA

### Publications

**Myers, JM**, F Schulz, S Rahimlou, KR Amses, DR Simmons, JE Stajich, & TY James. 2024. Large DNA viruses in early diverging fungal genomes are relics of past and present infections. bioRxiv 2024.01.04.574182; doi: <https://doi.org/10.1101/2024.01.04.574182>

**Myers, JM**, TY James. 2023. "Mycoviruses" Evolution of Fungi and Fungal-like Organisms. 2nd ed. edited by S Pöggeler, TY James. Springer. 2023. pp 151-176.

**Myers, JM**, TY James. 2022. Mycoviruses. *Current Biology*. 32(4):PR150-R155.

**Myers, JM**, AE Bonds, RA Clemons, N Thapa, DR Simmons, D Carter-House, J Ortanez, P Liu, A Miralles-Duran, A Desiro, JE Longcore, G Bonito, J Stajich, J Spatafora, Y Chang, L Corrochano, A Gryganskyi, I Grigoriev, & TY James. 2020. Survey of early-diverging fungal lineages reveals abundant and diverse mycoviruses. *mBio*. 11(5), e02027-20.

Simmons DR, AE Bonds, BT Castillo, RA Clemons, AD Glasco, **JM Myers**, N Thapa, PM Letcher, MJ Powell, JE Longcore, & TY James. 2020. The collection of zoosporic eufungi at the University of Michigan (CZEUM): introducing a new repository of fully barcoded Chytridiomycota and Blastocladiomycota cultures. *IMA Fungus*. 11(1) 1-22.

Bletz, M.C., **Myers, J.**, Woodhams, D., Rabemananjara, F.C.E., Rakotonirina, A., Weldon, C., Edmonds, D., Vences, M., Harris, R.N. 2017. Estimating herd immunity to amphibian chytridiomycosis in

Madagascar based on the defensive function of amphibian skin bacteria. *Frontiers Microbiology*. 8: 1751.

**Myers, J.M.**, J.P. Ramsey, A.L. Blackman, A.E. Nichols, K.P.C. Minbiole, R.N. Harris. 2012. Synergistic inhibition of the lethal fungal pathogen *Batrachochytrium dendrobatidis*: The combined effects of symbiotic bacterial metabolites and antimicrobial peptides of the frog *Rana muscosa*. *Journal of Chemical Ecology* 38: 958-965.

Muletz, C.R., **J.M. Myers**, R.J. Domangue, J.B. Herrick, R.N. Harris. 2012. Soil bioaugmentation with amphibian cutaneous bacteria protects amphibian hosts from infection by *Batrachochytrium dendrobatidis*. *Biological Conservation* 152: 119-126.

### Awards and Recognition

2023	EEB JEDI Award
2019	Program in Biology Excellence in Teaching Award
2019	Edwin H. Edwards Scholarship
2019	Rackham Graduate School Outstanding GSI Award
2019	University of Michigan Housing Honored Instructor
2018	International Mycological Congress Poster Award
2011	Best Undergraduate Honors Thesis in Biology
2011	Margaret A. Gordon Memorial Scholarship
2011	Ralph S. Wolfe Memorial Award

### Grants and Fellowships

2019	Rackham Graduate Student Research Award (\$3,000)
2019	Mycological Society of America Translational Mycology Award (\$1,250)
2019	Block Grant, UM Dept. Ecology and Evolutionary Biology (\$2,126)
2018	MSA Student Travel Award (\$1,000)
2017	Department Ecology and Evolution Travel Grant (\$250)
2017	Rackham Graduate Student Travel Grant (\$800)
2017	Block Grant, UM Dept. Ecology and Evolutionary Biology (\$2,003)
2017-2018	Sweetland Junior Fellow, UM
2016	Lewis and Elaine Wehmeyer Fund in Fungal Taxonomy (\$2,892)
2016	Department Ecology and Evolution Travel Grant (\$250)
2016	Rackham Graduate Student Travel Grant (\$800)
2015	Lewis and Elaine Wehmeyer Fund in Fungal Taxonomy (\$2,143)
2015	Rackham Graduate Student Research Grant (\$1,500)
2015	Science Communication Fellow, Detroit Zoological Society
2014-2019	National Science Foundation Graduate Research Fellow

### Presentations

2023	Inside/Out Biology Seminar Series Parnall Correctional Facility, <i>oral presentation and panelist</i>
2019	Mycological Society of America Annual Meeting University of Minnesota, <i>poster</i>
2018	International Mycological Congress

	San Juan, Puerto Rico, <i>poster</i>
2018	Green Life Symposium University of Michigan, <i>flash talk</i>
2017	International Mycovirus Symposium Huazong Agricultural University, <i>oral presentation</i>
2017	Mycological Society of America Annual Meeting University of Georgia, <i>oral presentation</i>
2016	Mycological Society of America Annual Meeting University of California Berkeley, <i>poster</i>
2016	Ecology and Evolutionary Biology Lunch Seminar Series University of Michigan, <i>oral presentation</i>
2011	Integrated Research Challenges in Environmental Biology Arizona State University, <i>oral presentation</i>
2011	Biology Department Student Symposium James Madison University, <i>oral presentation</i>
2011	American Society for Microbiology, Shenandoah Valley Student Chapter Bridgewater College, <i>poster</i>
2010	Biology Department Student Symposium James Madison University, <i>poster</i>

### **Service and Community Engagement**

2023-current	Inside/Out Biology Prison Seminar Series, <i>organizing committee</i>
2021-current	Public Engagement Program, EEB and Natural History Museum, <i>co-founder and co-organizer</i>
2021	SummerWorks youth employment program, <i>youth mentor</i>
2018	Green Life Symposium, University of Michigan, <i>organizing committee, session organizer, career panel organizer</i>
2018	EEB Department Graduate Student Committee, <i>president</i>
2017	Sounds From The Inside: a collaboration between incarcerated writers, local musicians, and youth to raise awareness for youth justice "Raise the Age" bill, <i>creator and organizer</i>
2017	EEB Department time capsule, <i>student representative</i>
2017	Ann Arbor Summer Festival Kidzone "Hands-on Biology", <i>volunteer</i>
2017	National Ocean Science Bowl, <i>volunteer</i>
2016	Ann Arbor Summer Festival Kidzone "Hands-On Biology", <i>co-organizer</i>
2016	Early Career Scientist Symposium, University of Michigan, <i>organizing committee</i>
2015	EEB Department Social Committee, <i>student representative</i>
2015-2016	Detroit Zoological Society Fellowship in Science Communication
2015	M-Sci Academy Summer Program, <i>graduate student panelist</i>
2014, 2015	Southeast Michigan Science Fair, <i>judge</i>
2011	Smithsonian Channel documentary "Mission Critical: Amphibian Rescue", research highlight