

## 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)
2020-23	Laboratory Research Specialist Intermediate, UM
2018-21	Graduate Student Instructional Consultant, Center for Research on Learning and Teaching, UM
2019, 2015-16	Graduate Student Instructor, Ecology and Evolutionary Biology (EEB), UM
2018	Primary Instructor, Department of English, UM
2012-14	Scientist, Pharmaceutical Product Development, Inc., Richmond, VA

### Publications

Park SC, L Oster, J Golan, **JM Myers**, A Pringle, M Drott, N Keller. 2026. Leaderless RiPPs expand the repertoire of fungal secondary metabolites. *Proc. Natl. Acad. Sci. U.S.A.* 123 (7) e2529748123, <https://doi.org/10.1073/pnas.2529748123>.

**Myers, JM**, F Schulz, S Rahimlou, V Yadav, KR Amses, DR Simmons, S Sun, M Orozco-Quime, J Heitman, JE Stajich, & TY James. 2025. Discovery of giant viruses as past and present infections of zoosporic fungi. *bioRxiv* 2024.01.04.574182; doi: <https://doi.org/10.1101/2024.01.04.574182> (*in revision*)

**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.

### **Selected Fellowships, Awards, Grants, and Recognition**

2025	EEB Mentoring Award
2025	UM Campus Sustainability Waste Reduction Champion ( <i>honorable mention</i> )
2024	Candace J. Johnson Award for Staff Excellence ( <i>nominated</i> )
2024	EEB JEDI Award ( <i>bl/O: Inside-Out Biology</i> )
2024	Research Staff Leadership Award Nomination ( <i>nominated by students</i> )
2024	Sustainability Incentives and Innovations Fund
2024	Career Development Fund for Staff Award
2024	Inclusive Community Grant
2023	EEB JEDI Award ( <i>Public Engagement Program</i> )
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 ( <i>selected by students</i> )
2019	Mycological Society of America Translational Mycology Award
2018	International Mycological Congress Poster Award
2017-18	Sweetland Junior Fellow, UM
2016	Lewis and Elaine Wehmeyer Fund in Fungal Taxonomy
2015	Science Communication Fellow, Detroit Zoological Society
2014-19	National Science Foundation Graduate Research Fellow
2011	Best Undergraduate Honors Thesis in Biology

### **Selected Presentations, Service, and Community Engagement**

2025-current	LSA Operations Council, <i>member</i>
2025-current	Sustainable Labs Advisory Committee, Office of Campus Sustainability, <i>member</i>
2025	"Reducing Plastic Waste in the Lab (Pt. 1!)" EEB Lunch Seminar Series University of Michigan, <i>oral presentation</i>
2025	"Zoospore Fungi Contain Large DNA Viruses" Mycological Society of America Annual Meeting University of Wisconsin-Madison, <i>oral presentation</i>
2024-current	National Lifers of America, <i>volunteer at Women's Huron Valley Correctional</i>
2024-current	JEDI committee member, UM EEB
2024	Black in Science, <i>coordinator</i>

2024	LSA Sustainability Champion
2023-24	Inside/Out Biology Prison Seminar Series, <i>organizing committee</i>
2023	“What can under-studied fungi teach us about fundamental life processes?” Inside/Out Biology Seminar Series Parnall Correctional Facility, <i>oral presentation and panelist</i>
2021-current	Public Engagement Program, EEB and Natural History Museum, <i>co-founder and co-organizer</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>