

Jillian M. Myers

Ecology and Evolutionary Biology Department, University of Michigan
1105 N. University Blvd. Ann Arbor, Michigan, USA
jimyers@umich.edu

Education

2020	Ph.D. Ecology and Evolutionary Biology, University of Michigan, Ann Arbor, MI
2019	Graduate Teacher Certificate , University of Michigan, Ann Arbor, MI
2018	M.S. Ecology and Evolutionary Biology, University of Michigan, Ann Arbor, MI
2011	B.S. Biology, James Madison University, Harrisonburg, VA
2009	A.S. 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

Myers JM, Schulz F, Rahimlou S, Yadav V, Amses KR, et al. 2026. *Mycodnaviridae* are a clade of giant viruses that persistently infect zoosporic fungi. *PLOS Biology* 24(8): e3003937.
<https://doi.org/10.1371/journal.pbio.3003937>

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, 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

2026	Kay Beattie Outstanding Individual- Natural Sciences
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>