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MEGHAN A. DUFFY, PH.D.
CURRICULUM VITAE

Susan S. Kilham Collegiate Professor of Ecology and Evolutionary Biology
Department of Ecology and Evolutionary Biology
University of Michigan

Educational Background

B.S.	Biological Sciences, *cum laude* Mentor: Nelson Hairston, Jr.	2000	Cornell University
Ph.D.	Zoology; Ecology, Evolutionary Biology, & Behavior Advisors: Alan Tessier and Jeff Conner	2006	Michigan State University

Employment History

2025-	Arthur F. Thurnau Professor, University of Michigan
2023-2025	Associate Chair for Undergraduate Studies, Department of Ecology & Evolutionary Biology
2022-	Susan S. Kilham Collegiate Professor of Ecology and Evolutionary Biology
2018-	Professor, Department of Ecology & Evolutionary Biology, University of Michigan
2014-2018	Associate Professor, Department of Ecology & Evolutionary Biology, University of Michigan • 2016: Two semesters of modified duties after birth of child
2012-2014	Assistant Professor, Department of Ecology & Evolutionary Biology, University of Michigan • 2013: One semester of modified duties after birth of child
2012-2013	Adjunct Faculty, School of Biology, Georgia Institute of Technology
2008-2012	Assistant Professor, School of Biology, Georgia Institute of Technology • 2011: One semester of modified duties after birth of child
2006-2007	Postdoctoral Fellow, University of Wisconsin-Madison (Mentor: Anthony Ives)

Teaching Experience

Michigan

Fall 2026	EEB 315: Ecology & Evolution of Infectious Diseases	~140 students
Fall 2025	EEB 315: Ecology & Evolution of Infectious Diseases	137 students
Winter 2025	EEB 410: Senior Capstone - co-taught with Dr. Natalia Umaña	12 students
Fall 2024	EEB 315: Ecology & Evolution of Infectious Diseases	99 students
Fall 2023	Bio 171: Introductory Biology: Ecology & Evolution - co-taught with Dr. Marjorie Weber	~600 students
	EEB 485: Population and Community Ecology - co-taught; responsible for ~3 weeks of the course	30 students

Fall 2022	Bio 171: Introductory Biology: Ecology & Evolution - co-taught with Dr. Marjorie Weber	572 students
Fall 2021	Bio 171: Introductory Biology: Ecology & Evolution	655 students
Fall 2020	Bio 171: Introductory Biology: Ecology & Evolution	568 students
Fall 2019	Bio 171: Introductory Biology: Ecology & Evolution	610 students
Fall 2017	Bio 171: Introductory Biology: Ecology & Evolution - co-taught with Dr. Patricia Wittkopp	540 students
Winter 2017	Bio 800: Seminar: Theory of Ecological Communities	4 students
Fall 2015	Bio 171: Introductory Biology: Ecology & Evolution - co-taught with Dr. Patricia Wittkopp	524 students
Fall 2014	Bio 171: Introductory Biology: Ecology & Evolution - co-taught with Dr. Patricia Wittkopp	592 students
Winter 2014	BIO 120: First Year Seminar: Ecological and Evolutionary Medicine (new course designed by Duffy)	20 students
Fall 2012	BIO 171: Introductory Biology: Ecology & Evolution	208 students

Georgia Tech

Spring 2012	BIOL 4450: Senior Seminar	14 students
Fall 2011	BIOL 4803/8803: Special Topics: Ecology and Evolution of Infectious Diseases (new course designed by Duffy)	25 students
Fall 2010	BIOL 2335: General Ecology	82 students
Spring 2010	BIOL 8802 Special Topics: Graduate Seminar in Ecology and Evolution (new course designed by Duffy)	6 students
Spring 2009	BIOL 4803/8803 Special Topics: Population and Evolutionary Ecology (new course designed by Duffy)	17 students
Fall 2008	BIOL 2335 General Ecology (co-taught with Dr. Lin Jiang)	94 students

Honors, Awards, and Recognition

2026	Arthur F. Thurnau Professorship, University of Michigan (in recognition of extraordinary contributions to undergraduate education)
2025	Department of Ecology & Evolutionary Biology Mentoring Award
2023	Fellow, Ecological Society of America
2022	Appointed Susan S. Kilham Collegiate Professor (the UMich College of Literature, Science, and the Arts' highest faculty honor, awarded for demonstration of excellence in research and scholarship, in teaching, in service, and in other contributions to the university)
2019	Fellow, American Association for the Advancement of Science
2019	Henry Russel Award, University of Michigan (given to early-mid career faculty who "have demonstrated an extraordinary record of accomplishment in scholarly research and/or creativity, as well as an excellent record of contributions as a teacher")
2018-2019	Academic Innovation Sabbatical Fellow and Faculty Innovator-in-Residence
2018	John Dewey Award, University of Michigan (for commitment to undergraduate education)
2017	President's Award for Public Impact, University of Michigan (inaugural award, given to two faculty members at the University)

2017	Speaker on main stage, March for Science, Washington DC
2017	American Association for the Advancement of Science (AAAS) Leshner Leadership Institute Public Engagement Fellow
2017	Association for the Sciences of Limnology and Oceanography (ASLO) Yentsch-Schindler Early Career Award
2013	Ecological Society of America Early Career Fellow
2012	Presidential Early Career Award for Scientists and Engineers (PECASE)
2011	National Science Foundation (NSF) CAREER award
2010	George Mercer Award from the Ecological Society of America, given annually to a researcher under 40 for an outstanding ecological research paper
2010	Georgia Tech Faculty Award for Academic Outreach
2006	National Science Foundation Postdoctoral Fellowship in Biological Informatics
2006	Honorable Mention, Buell Award for the outstanding student oral presentation, Ecological Society of America
2006	Ecological Society of America Aquatic Ecology Section Best Talk Award
2005	P.E.O. Scholar Award
2005	Carolyn E. Conway Endowed Scholar Award, P.E.O. Sisterhood
2005	Michigan State University EEBB Student Speaker Award
2005	Michigan State University Ecology, Evolutionary Biology and Behavior Program Fellowship
2003	EPA STAR Graduate Fellowship (Awarded but did not accept)
2002-2006	National Science Foundation Graduate Research Fellowship
2001-2002	National Science Foundation Research Training Grant Fellowship, Michigan State University
2000-2004	Michigan State University Distinguished Fellowship
2000	Michigan State University College of Natural Sciences Recruiting Fellowship
1999	Howard Hughes Research Fellowship, Cornell University

Publications

ResearcherID (ISI): http://www.researcherid.com/rid/E-6867-2016
Google Scholar Profile: http://scholar.google.com/citations?user=JBNzgNMAAAAJ
ORCID: 0000-0002-8142-0802

Notes on Authorship

Duffy Lab graduate students/postdocs/technicians are indicated *in italics*
Duffy Lab undergrads are indicated by underlining
***** indicates Duffy or Duffy Lab member corresponding author
First and last author positions are positions of emphasis

Preprints

1. *Dziuba, M.K.*, K.M. McIntire, E.S. Davenport, F.E. Corcoran,* T. Nelson, P. McCreadie, *R.T. Manuel*, E. Baird, *N. Ferreira dos Santos*, M. Robbins, E. Dismondy, *K.J. Monell*, C. Huerta, L.C. Selter, K. Deckelbaum, M.H. Cortez, and **M.A. Duffy**. Symbiont virulence is a poor predictor of impacts on host population dynamics.
   Preprint: https://www.biorxiv.org/content/10.1101/2025.04.10.648206v2
   Data and code: https://zenodo.org/records/15186215

2. Yang, B., J. Wheeler, **M.A. Duffy**, A.A. King, and E.L. Ionides. Mechanistic models for panel data: Analysis of ecological experiments with four interacting species. Preprint: https://arxiv.org/abs/2506.04508v2

Published or in press, peer-reviewed

116. *Davenport, E.S.*, M.K. Dziuba, F. Corcoran, N. Ferreira dos Santos, K.J. Monell,* P. McCreadie, *S.K. Calhoun,* T. Nelson, L.E. Jacobson, *R. Manuel*, and **M.A. Duffy**. 2026. Resource quantity affects infection success and impacts of a microsporidian on hosts. *Oikos,* 2026: e11412. https://doi.org/10.1002/oik.11412
Data and code: https://datadryad.org/share/T7ERex8_N0BQEnXa8RjQ9MbOjcPWeGBj5-9i84J2iso

115. Lachance, MA., C.E. Cáceres, M.J. Fredericks, **M.A. Duffy**, and T.E. Stewart Merrill. 2025. Reviving Élie Metschnikoff's *Monospora*: the obligately parasitic yeast *Australozyma monospora* sp. nov. *FEMS Yeast Research*, 25:foaf041. https://doi.org/10.1093/femsyr/foaf041

114. *McIntire, K.M., M.K. Dziuba*, E. Haywood, M. Robertson, M. Vaandrager, E. Baird, F. Corcoran, M.H. Cortez, and **M.A. Duffy***. 2025. Transgenerational pathogen effects: Maternal exposure to pathogens reduces offspring fitness. *Ecology*, 106(9):e70165. https://doi.org/10.1002/ecy.70165
Data and code: https://doi.org/10.5061/dryad.vx0k6dk41

113. *Fearon, M.L., K.F. Sánchez, S-J. Sun, S.K. Calhoun, K.J. Monell,* V. Ravichandran, and **M.A. Duffy***. 2025. Resource quality differentially impacts *Daphnia* interactions with two parasites. *Ecosphere*, 16(3):e70234. https://doi.org/10.1002/ecs2.70234 (cover image)
Data and code: https://doi.org/10.5281/zenodo.15001625

112. *Dziuba, M.K.*, K.M. McIntire, E.S. Davenport,* E. Baird, C. Huerta, R. Jaye, F.E. Corcoran, P. McCreadie, T. Nelson, and **M.A. Duffy.** 2024. Microsporidian coinfection reduces fitness of a fungal pathogen due to rapid host mortality. *mBio*, 15(10):e00583-24. https://doi.org/10.1128/mbio.00583-24
Data and code: https://zenodo.org/records/13288822

111. *Davenport, E.S.*, M.K. Dziuba,* L. Jacobson, *S.K. Calhoun*, *K. Monell*, and **M.A. Duffy**. 2024. Parasite transmission stage abundance varies in lakes over time and space. *Limnology & Oceanography*, 69:2167-2179. doi: 10.1002/lno.12657
Data and code: https://doi.org/10.5061/dryad.s7h44j1gb

110. *Wale, N.*,* C. Freimark, J. Ramirez, M. Turrill, *M.K. Dziuba*, A. Kafri, *R. Bilich*, and **M.A. Duffy**. 2024. Virulence and transmission biology of the widespread, ecologically important pathogen of zooplankton, *Spirobacillus cienkowskii. Applied and Environmental Microbiology*, 90(10):e01529-23. https://doi.org/10.1128/aem.01529-23 Highlighted as an article of significant interest: https://journals.asm.org/doi/10.1128/aem.02001-24
Data and code: https://doi.org/10.5061/dryad.d51c5b0c4

109. *Sánchez, K.F.**, E. von Elert, *K. Monell*, *S. Calhoun*, A. Maisha, P. McCreadie, and **M.A. Duffy**. 2024. Inhibition of gut digestive proteases by cyanobacterial diets decreases infection in a *Daphnia* host-parasite system. *Ecology & Evolution*, 14(4)e11340. doi: 10.1002/ece3.11340
Data and code: https://doi.org/10.5061/dryad.nzs7h44xq

108. *Shaw, C.L.**, R. Bilich, and **M.A. Duffy**. 2024. A common multi-host parasite shows genetic structuring at the host species and population levels. *Parasitology*, 151:557-566. doi:10.1017/S0031182024000428
Data and code: https://github.com/clarashaw/Pasteuria2015/tree/main

107. *Dziuba, M.K.**, *K.M. McIntire,* K. Seto, *E.S. Davenport, M.A. Rogalski, C.D. Gowler,* E. Baird, M. Vaandrager, C. Huerta, R. Jaye, F.E. Corcoran, A. Withrow, S. Ahrendt, A. Salamov, M. Nolan, S. Tejomurthula, K. Barry, I. Grigoriev, T.Y. James, and **M.A. Duffy**. 2024. Phylogeny, morphology, virulence, ecology, and host range of *Ordospora pajunii* (Ordosporidae), a microsporidian symbiont of *Daphnia spp. mBio*, 15(6):e00582-24. https://doi.org/10.1128/mbio.00582-24
Data and code: https://doi.org/10.5281/zenodo.10870733 (lab experiment) and https://doi.org/10.5281/zenodo.10884454 (field data)

106. *Davenport, E.S.**, *M.K. Dziuba*, L. Jacobson, *S. Calhoun, K. Monell*, and **M.A. Duffy**. 2024. How does parasite environmental transmission stage concentration change before, during, and after disease outbreaks? *Ecology,* 105(2):e4235. https://doi.org/10.1002/ecy.4235 (winner of Best Paper Award from ESA Disease Ecology Section)
Data and code: https://doi.org/10.5061/dryad.tqjq2bw5m

105. *Fearon, M.L.**, *C.D. Gowler,* and **M.A. Duffy**. 2024. Inconsistent dilution: Experimental but not field evidence for a dilution effect in *Daphnia*-bacteria interactions. *Oecologia*, 204:351-363. https://doi.org/10.1007/s00442-023-05486-8 (cover image)
Data and code: https://github.com/mlfearon/pulicaria-inconsistently-dilutes-pasteuria

104. *Penczykowski, R.M.**, *M.L. Fearon*, J.L. Hite, M.S. Shocket, S.R. Hall, and **M.A. Duffy**. 2024. Pathways linking nutrient enrichment, habitat structure, and parasitism to host-resource interactions. *Oecologia*, 204:439-449. https://doi.org/10.1007/s00442-023-05469-9
Data and code: https://github.com/mlfearon/nutrient-bag-expt

103. *Clay, P.A.**, S. Gattis, J. Garcia, V. Hernandez, F. Ben-Ami, and **M.A. Duffy**. 2023. Age structure eliminates the impact of coinfection on epidemic dynamics in a freshwater zooplankton system. *American Naturalist,* 202(6):785-799. https://doi.org/10.1086/726897
Data and code: https://datadryad.org/stash/dataset/doi:10.5061/dryad.jh9w0vtbv

102. *Lopez, L.K.*, M.H. Cortez, T. DeBlieux, I.A. Menel, B. O'Brien, C.E. Cáceres, S.R. Hall, and **M.A. Duffy***. 2023. A healthy but depleted herd: Predators decrease prey disease and density. *Ecology*, 104:e4063. https://esajournals.onlinelibrary.wiley.com/doi/10.1002/ecy.4063
Data and code: https://doi.org/10.5061/dryad.w3r2280tm

101. *Sun, S-J.**, *Calhoun, S.K.,* and **M.A. Duffy**. 2023. Host and parasite functional morphology jointly explain parasite specificity. *Functional Ecology*, 37:1620-1627. https://besjournals.onlinelibrary.wiley.com/doi/10.1111/1365-2435.14323
Data and code: https://doi.org/10.5281/zenodo.7754587

100. *Sánchez, K.F.**, B. Zhong, J.A. Agudelo, and **M.A. Duffy**. 2023. Infectivity of the parasite *Metschnikowia bicuspidata* is decreased by time spent as a transmission spore, but exposure to phycotoxins in the water column has no effect. *Freshwater Biology*, 68:1020-1030. https://onlinelibrary.wiley.com/doi/full/10.1111/fwb.14082
Data and code: https://doi.org/10.5061/dryad.612jm6420

99. Richards, R.L., B.D. Elderd, and **M.A. Duffy**. 2023. Unhealthy herds and the predator spreader: understanding when predation increases disease incidence and prevalence. *Ecology and Evolution,* 13:e9918. http://dx.doi.org/10.1002/ece3.9918

Data and code: No data or code associated with this manuscript

98. *Sun, S-J.*, M.K. Dziuba*, R. Jaye, and **M.A. Duffy**. 2023. Transgenerational plasticity in a zooplankton in response to elevated temperature and parasitism. *Ecology and Evolution*, 13(2):e9767. http://dx.doi.org/10.1002/ece3.9767
    Data and code: https://doi.org/10.5061/dryad.4qrfj6qf5
97. *Shaw, C.L.** and **M.A. Duffy**. 2023. Rapid evolution of a bacterial parasite during outbreaks in two lakes. *Ecology and Evolution*, 13(1):e9676. https://doi.org/10.1002/ece3.9676
    Data and code: https://github.com/clarashaw/PasteuriaEvolution
96. Walsman, J., **M.A. Duffy**, and C.E. Cáceres, and S.R. Hall. 2023. 'Resistance is futile': Weaker selection for resistance when parasites are abundant further increases prevalence and depresses host density. *American Naturalist,* 201(6):864-879. https://doi.org/10.1086/724426
95. Hasik, A.Z., D. de Angeli Dutra, J-F. Doherty, **M.A. Duffy**, R. Poulin, and A.M. Siepielski. 2023. Resetting our expectations for parasites and their effects on species interactions: a meta-analysis. *Ecology Letters*, 26(1):184-199. https://onlinelibrary.wiley.com/doi/10.1111/ele.14139
    Data and code: https://datadryad.org/stash/dataset/doi:10.5061/dryad.wdbrv15sb
94. *Sun, S-J.*, M.K. Dziuba*, R. Jaye, and **M.A. Duffy**. 2023. Temperature modifies trait-mediated infection outcomes in a *Daphnia*-fungal parasite system. *Philosophical Transactions of the Royal Society,* 378:20220009. https://royalsocietypublishing.org/doi/10.1098/rstb.2022.0009
    Data and code: https://doi.org/10.6084/m9.figshare.c.6360109.v1
93. *McLean, K.D.**, *C.D. Gowler*, *M.K. Dziuba*, H. Zamani, S.R. Hall, and **M.A. Duffy**. 2023. Sexual recombination and temporal gene flow maintain host resistance and genetic diversity. *Evolutionary Ecology,* 37:97-111. https://doi.org/10.1007/s10682-022-10193-6
    Data and code: doi:10.5061/dryad.k3j9kd5cj
92. *Gowler, C.D.,* H. Essington, B. O'Brien, *C.L. Shaw, R.W. Bilich*, *P.A. Clay*, and **M.A. Duffy***. 2023. Virulence evolution during a naturally occurring parasite outbreak. *Evolutionary Ecology*, 37:113-129. doi: 10.1007/s10682-022-10169-6 (cover image)
    Data and code: https://doi.org/10.5061/dryad.b8gtht7db
91. *Sun, S-J.*, M.K. Dziuba, K.M. McIntire*, R. Jaye, and **M.A. Duffy**. 2022. Transgenerational plasticity alters parasite fitness in changing environments. *Parasitology,* 149(11):1515-1520. https://doi.org/10.1017/S0031182022001056
    Data and code: https://github.com/syuanjyunsun/parasite-transgen-exp
90. Elderd, B., N. Mideo, and **M.A. Duffy**. 2022. Looking across scales in disease ecology and evolution. *American Naturalist,* 199(1):51-58. https://doi.org/10.1086/717176
    Data and code: https://github.com/duffymeg/LookingAcrossScales
89. *Penczykowski, R.M.**, M. Shocket, J.H. Ochs, B.C.P. Lemanski, H. Sundar, **M.A. Duffy,** and S.R. Hall. 2022. Virulent disease epidemics can increase host density by depressing foraging of hosts. *American Naturalist*, 199(1):75-90. https://doi.org/10.1086/717175
    Data and code: https://doi.org/10.5061/dryad.np5hqbzsd
88. *Wale, N.**, R.C. Fuller, S. Johnsen, M.T. Turrill, and **M.A. Duffy**. 2021. The visual ecology of selective predation: Are unhealthy hosts less stealthy hosts? *Ecology and Evolution* 11:18591-18603. http://doi.org/10.1002/ece3.8464
    Data and code: https://datadryad.org/stash/dataset/doi:10.5061/dryad.dv41ns20h
87. *Rogalski, M.A.*,* T. Stewart Merrill, *C.D. Gowler,* C.E. Cáceres, and **M.A. Duffy**. 2021. Context dependent host-symbiont interactions: shifts along the parasitism-mutualism

continuum. *American Naturalist,* 198(5):563-575. https://www.journals.uchicago.edu/doi/abs/10.1086/716635
Data and code: https://doi.org/10.5061/dryad.1ns1rn8t4

86. *Lopez, L.K.* and **M.A. Duffy***. 2021. Mechanisms by which predators mediate host-parasite interactions in aquatic systems. *Trends in Parasitology*, 37(10):890-906. https://doi.org/10.1016/j.pt.2021.06.006
Data and code: none associated with this review manuscript
85. *Gowler, C.G., M.A. Rogalski, C.L. Shaw, K.K. Hunsberger,* and **M.A. Duffy***. 2021. Density, parasitism, and sexual reproduction are strongly correlated in lake *Daphnia* populations. *Ecology and Evolution,* 11:10446-10456. https://doi.org/10.1002/ece3.7847
Data and code: https://doi.org/10.5061/dryad.pzgmsbcm6
84. *Shaw, C.L.*,* R. Bilich, B. O'Brien, C.E. Cáceres, S.R. Hall, T.Y. James, and **M.A. Duffy**. 2021. Genotypic variation in an ecologically important parasite is associated with host species, lake, and spore size. *Parasitology*, 148(11):1303-1312. doi:10.1017/S0031182021000949
Data and code: https://doi.org/10.5061/dryad.nk98sf7tc
83. **Duffy, M.A.*** 2021. Why we should preach to the climate change choir: the importance of science communication that engages people who already accept climate change. *American Naturalist*, 198(3):433-436. https://www.journals.uchicago.edu/doi/10.1086/715153
Data and code: none associated with this manuscript
82. *Clay, P.A.**, M.H. Cortez, and **M.A. Duffy**. 2021. Dose relationships can exacerbate, mute or reverse the impact of heterospecific host density on infection prevalence. *Ecology*, 102(8):e03422. https://esajournals.onlinelibrary.wiley.com/doi/abs/10.1002/ecy.3422
Data and code: https://doi.org/10.5061/dryad.3tx95x6fz
81. **Duffy, M.A.***, C. Garcia-Robledo, S. Gordon, N.A. Grant, D.A. Green II, A. Kamath, R.M. Penczykowski, M. Rebolleda Gómez, N. Wale, and L. Zaman. 2021. Model systems in ecology, evolution, and behavior: A call for diversity in our model systems and discipline. *American Naturalist,* 198:53-68. https://www.journals.uchicago.edu/doi/10.1086/714574
Data and code: none associated with this manuscript
80. Cortez, M.H. and **M.A. Duffy**. 2021. The context dependent effects of host competence, competition, and pathogen transmission mode on disease prevalence. *American Naturalist*, 198(2):179-194. https://www.journals.uchicago.edu/doi/abs/10.1086/715110
Code: https://doi.org/10.5061/dryad.kwh70rz27
79. *Wale, N.** and **M.A. Duffy**. 2021. The use and underuse of model systems in infectious disease ecology and evolutionary biology. *American Naturalist*, 198:69-92. https://www.journals.uchicago.edu/doi/abs/10.1086/714595
Data: https://doi.org/10.5061/dryad.fbg79cntb
78. Cortez, M.H. and **M.A. Duffy**. 2020. Comparing the indirect effects of predators that share prey with those of pathogens that share hosts. *American Naturalist*, 196(6):E144-E159. DOI: 10.1086/711345
Code: https://doi.org/10.5061/dryad.pzgmsbchp
77. *Shaw, C.L.*,* E. Overholt, C. Williamson, C.E. Cáceres, S.R. Hall, and **M.A. Duffy**. 2020. Shedding light on environmentally transmitted parasites: Lighter conditions within lakes restrict epidemic size. *Ecology,* 101(11): e03168. DOI: 10.1002/ecy.3168 (Recipient of the 2021 Frost Award for Excellence in Graduate Research from the ESA Aquatic Ecology section)

Data and code: https://doi.org/10.5061/dryad.w3r2280nk

76. *Clay, P.A**, **M.A. Duffy**, and V.H.W. Rudolf. 2020. Within-host priority effects and epidemic timing determine disease outbreak severity in coinfected populations. *Proceedings of the Royal Society, B,* 287:20200046. DOI: 10.1098/rspb.2020.0046
    Data and code: https://doi.org/10.5061/dryad.pnvx0k6h6
75. *Rogalski, M.A.** and **M.A. Duffy**. 2020. Local adaptation of a parasite to solar radiation impacts disease transmission potential, spore yield, and host fecundity. *Evolution*, 74(8):1856-1864. DOI:10.1111/evo.13940
    Data and code: https://doi.org/10.5061/dryad.2jm63xskd
74. Overholt, E.P., **M.A. Duffy**, M.P. Meeks, T.H. Leach, and C.E. Williamson. 2020. Light exposure decreases infectivity of the *Daphnia* parasite *Pasteuria ramosa*. *Journal of Plankton Research*, 42(1):41-44. DOI: 10.1093/plankt/fbz070
73. *McLean, K.D.** and **M.A. Duffy**. 2020. Ecological context influences evolution in host-parasite interactions: insights from the *Daphnia*-parasite model system. Chapter 21, pages 289-307 in *Evolution in Action: Past, Present and Future* (eds: Banzhaf W. et al.) 10.1007/978-3-030-39831-6_21
72. Fox, C.W., **M.A. Duffy**, D.J. Fairbairn, and J.A. Meyer. 2019. Gender diversity of editorial boards and gender differences in the peer review process at six journals of ecology and evolution. *Ecology & Evolution*, 9:13636-13649. DOI: 10.1002/ece3.5794
71. **Duffy, M.A.*,** S.J. Cheng, and J.W. Hammond. 2019. Preaching to the choir or composing new verses? Toward a writerly climate literacy in introductory undergraduate biology. *Ecology & Evolution,* 9:12360-12373. DOI: 10.1002/ece3.5736
70. **Duffy, M.A.***, C.E. Cáceres, and S.R. Hall. 2019. Healthy herds or predator spreaders? Insights from the plankton into how predators suppress and spread disease. Chapter 16, pages 458-479 in *Wildlife Disease Ecology: Linking theory to data and application* (eds: Ken Wilson, Andy Fenton, and Dan Tompkins, Cambridge University Press) DOI: 10.1017/9781316479964.016
69. **Duffy, M.A.*,** C.A. Thanhouser, and H.A. Derry. 2019. A lack of evidence for six times more anxiety and depression in US graduate students than in the general population. *Nature Biotechnology* doi: 10.1038/s41587-019-0179-y
    - this is a peer-reviewed commentary on an earlier publication in *Nature Biotechnology*
68. Shocket, M.S., A. Magnante, **M.A. Duffy**, C.E. Cáceres, and S.R. Hall. 2019. Can hot temperatures limit disease transmission? A test of mechanisms in a zooplankton–fungus system. *Functional Ecology,* 33(10):2017-2029.
67. Emery, N., A. Hund, R. Burks, **M.A. Duffy**, C. Scoffoni, and A. Swei. 2019. Students as ecologists: Strategies for successful mentorship of undergraduate researchers. *Ecology and Evolution,* 9:4316-4326. 10.1002/ece3.5090
66. *Sánchez, K.F.**, N. Huntley, **M.A. Duffy**, and M.D. Hunter. 2019. Toxins or medicines? Phytoplankton diets mediate host and parasite fitness in a freshwater system. *Proceedings of the Royal Society, B*, 286:20182231. DOI: 10.1098/rspb.2018.2231
65. **Duffy, M.A.*** and *K.K. Hunsberger*. 2019. Infectivity is influenced by parasite spore age and exposure to freezing: do shallow waters provide *Daphnia* a refuge from some parasites? *Journal of Plankton Research*, 41(1):12-16. doi: 10.1093/plankt/fby046 (cover image)
64. Clay, P.A., M.H. Cortez, **M.A. Duffy**, and V.H.W. Rudolf. 2019. Priority effects within coinfected hosts can drive unexpected population-scale patterns of parasite prevalence.

Oikos, 128(4):571-583. doi: 10.1111/oik.05937

63. *Wale, N.*,* M.L. Turrill, and **M.A. Duffy**. 2019. A colorful killer: *Daphnia* infected with the bacterium *Spirobacillus cienkowskii* exhibit unexpected color variation. *Ecology*, 100(3):e02562. https://doi.org/10.1002/ecy.2562
62. Clay, P.A., K.L. Dhir, V.H.W. Rudolf, and **M.A. Duffy**. 2019. Within host priority effects systematically alter pathogen coexistence. *American Naturalist,* 193(2):187-199. https://doi.org/10.1086/701126
61. Bresciani, L., L.N. Lemos, *N. Wale*, J.Y. Lin, A.T. Strauss, **M.A. Duffy**, and J.L.M. Rodrigues. 2018. Draft genome sequence of "*Candidatus* Spirobacillus cienkowskii," a pathogen of freshwater *Daphnia* species, reconstructed from hemolymph metagenomic reads. *Microbiology Resource Announcements,* 7(22):e01175-18.
60. Shocket, M.S., D. Vergara, A.J. Sickbert, J.M. Walsman, J.L. Hite, A.T. Strauss, **M.A. Duffy**, C.E. Cáceres, and S.R. Hall. 2018. Parasite rearing and infection temperatures jointly influence disease transmission and shape seasonality of epidemics. *Ecology,* 99(9):1975-1987.
59. Strauss, A.T., A.M. Bowling, **M.A. Duffy,** C.E. Cáceres, and S.R. Hall. 2018. Linking host traits, interactions with competitors and disease: Mechanistic foundations for disease dilution. *Functional Ecology*, 32(5):1271-1279. (recipient of the 2018 Haldane Prize for Early Career Research)
58. Shocket, M.S., A.T. Strauss, J.L. Hite, M. Šlijvar, D.J. Civitello, **M.A. Duffy**, C.E. Cáceres, and S.R. Hall. 2018. Temperature drives epidemics in a zooplankton-fungus disease system: A trait-driven approach points to transmission via host foraging. *American Naturalist*, 191(4): 435-451. (recipient of the 2018 American Naturalist Student Paper Award)
57. Strauss, A.T., J.L. Hite, M.S. Shocket, **M.A. Duffy**, C.E. Cáceres, and S.R. Hall. 2017. Rapid evolution rescues hosts from competition and disease but – despite a dilution effect – increases the density of infected hosts. *Proceedings of the Royal Society, B,* 284:20171970.
56. Saunders, Manu E., **M.A. Duffy**, S.B. Heard, M. Kosmala, S.R. Leather, T. McGlynn, J. Ollerton, and A.E. Parachnowitsch. 2017. Bringing ecology blogs into the scientific fold: quantifying reach and impact of science-community blogs. *Royal Society Open Science*, 4:170957.
55. **Duffy, M.A.*** 2017. Last and corresponding authorship practices in ecology. *Ecology and Evolution,* 7:8876-8887. doi: 10.1002/ece3.3435 (one of the top 20 downloads for the journal between January 2017 & December 2018)
54. Hite, J.L., *R.M. Penczykowski*, M.S. Shocket, K. Griebel, A.T. Strauss, **M.A. Duffy**, C.E. Cáceres, and S.R. Hall. 2017. Allocation, not male resistance, increases male frequency during epidemics: A case study in facultatively sexual hosts. *Ecology*, 98(11): 2773-2783.
53. *Auld, S.K.J.R.*, C.L. Searle,* and **M.A. Duffy**. 2017. Parasite transmission in a natural multihost-multiparasite community. *Philosophical Transactions of the Royal Society, B*, 372:20160097.
52. *Rogalski, M.A.*, C.D. Gowler, C.L. Shaw,* R.A. Hufbauer, and **M.A. Duffy**. 2017. Human drivers of ecological and evolutionary dynamics in emerging and disappearing infectious disease systems. *Philosophical Transactions of the Royal Society, B*, 372:20160043.
51. Strauss, A.T., M.S. Shocket, D.J. Civitello, J.L. Hite, *R.M. Penczykowski*, **M.A. Duffy**, C.E. Cáceres, and S.R. Hall. 2016. Habitat, predators, and hosts regulate disease in *Daphnia* through direct and indirect pathways. *Ecological Monographs,* 86:393-411.
50. *Searle, C.L.*,* M.H. Cortez, *K.K. Hunsberger, D.C. Grippi, I.A. Oleksy, C.L. Shaw,* S.B. de la

Serna, C.L. Lash, K.L. Dhir, and **M.A. Duffy**. 2016. Population density, not host competence, drives patterns of disease in an invaded community. *American Naturalist*, 188(5):554-566.

49. *Searle, C.L.**, *C.L. Shaw, K.K. Hunsberger*, M. Prado, and **M.A. Duffy**. 2016. Salinization decreases population densities of the freshwater crustacean, *Daphnia dentifera*. *Hydrobiologia*, 770:165-172.
48. Hite, J.L., *R.M. Penczykowski*, M.S. Shocket, A.T. Strauss, P.A. Orlando, **M.A. Duffy**, C.E. Cáceres, and S.R. Hall. 2016. Parasites destabilize host populations by shifting stage-structured interactions. *Ecology*, 97:439-449.
47. **Duffy, M.A.***, T.Y. James, and A. Longworth. 2015. Ecology, virulence, and phylogeny of *Blastulidium paedophthorum*, a widespread brood parasite of *Daphnia* spp. *Applied and Environmental Microbiology*, 81(16):5486-5496. (cover article)
46. *Searle, C.L.*, J. Housley Ochs*, C.E. Cáceres, S. Chiang, N.M. Gerardo, S.R. Hall, and **M.A. Duffy**. 2015. Plasticity, not genetic variation, drives infection success of a fungal parasite. *Parasitology,* 142:839-848.
45. Civitello, D.J., A.N. Smith, *R.M. Penczykowski*, M.S. Shocket, **M.A. Duffy**, and S.R. Hall. 2015. Resources, key traits, and the size of fungal epidemics in *Daphnia* populations. *Journal of Animal Ecology*, 84:1010-1017.
44. Lively, C.M., J.C. de Roode, **M.A. Duffy**, A.L. Graham, and B. Koskella. 2014. Interesting open questions in disease ecology and evolution. *American Naturalist*, 18:S1-S8.
43. *Auld, S.K.J.R.**, S.R. Hall, *J.H. Ochs*, M. Sebastian, and **M.A. Duffy**. 2014. Predators and patterns of within-host growth can mediate both among-host competition and the evolution of transmission potential of parasites. *American Naturalist*, 184:S77-S90.
42. *Penczykowski, R.M.**, B.C.P. Lemanski, R.D. Sieg, S.R. Hall, *J.H. Ochs*, J. Kubanek, and **M.A. Duffy**. 2014. Poor resource quality lowers transmission potential by changing foraging behavior. *Functional Ecology*, 28(5): 1245-1255.
41. Cáceres, C.E., A.J. Tessier, **M.A. Duffy**, and S.R. Hall. 2014. Disease in freshwater zooplankton: what have we learned and where are we going? *Journal of Plankton Research*, 36(2): 326-333.
40. *Penczykowski, R.M.**, S.R. Hall, D.J. Civitello, and **M.A. Duffy**. 2014. Habitat structure and ecological drivers of disease. *Limnology and Oceanography*, 59(2):340-348.
39. *Searle, C.L.**, J.R. Mendelson III, L.E. Green, and **M.A. Duffy**. 2013. *Daphnia* predation on the amphibian chytrid fungus and its impacts on disease risk in tadpoles. *Ecology and Evolution*, 3(12):4129-4138. (cover article)
38. *Auld, S.K.J.R., R.M. Penczykowski, J.H. Ochs, D.C. Grippi*, S.R. Hall, and **M.A. Duffy**. 2013. Variation in costs of parasite resistance among natural host populations. *Journal of Evolutionary Biology*, 26(11):2479-2486.
37. Bertram, C.R., M. Pinkowski, S.R. Hall, **M.A. Duffy**, and C.E. Cáceres. 2013. Trait-mediated indirect effects, predators, and disease: test of a size-based model. *Oecologia*, 173(3):1023-1032.
36. Civitello, D.J., S. Pearsall, **M.A. Duffy**, and S.R. Hall. 2013. Parasite consumption and host interference can inhibit disease spread in dense populations. *Ecology Letters,* 16(5):626-634.
35. Civitello, D.J., *R.M. Penczykowski*, J.L. Hite, **M.A. Duffy**, and S.R. Hall. 2013. Potassium stimulates fungal epidemics in a freshwater invertebrate. *Ecology,* 94:380–388.
34. *Auld, S.K.J.R.**, S.R. Hall, and **M.A. Duffy.** 2012. Epidemiology of a *Daphnia*-multiparasite system and its implications for the Red Queen. *PLoS ONE*, 7(6): e39564.

33. **Duffy, M.A.***, *J. Housley Ochs*, *R.M. Penczykowski*, D.J. Civitello, C.A. Klausmeier, and S.R. Hall. 2012. Ecological context influences epidemic size and parasite-mediated selection. *Science*, 335:1636-1638. (cover article)
32. Hall, S.R., C.R. Becker, **M.A. Duffy**, and C.E. Cáceres. 2012. A power-efficiency tradeoff in resource use alters epidemiological relationships. *Ecology,* 93:645-656.
31. Overholt, E.P., S.R. Hall, C.E. Williamson, C.E. Meikle, **M.A. Duffy**, and C.E. Cáceres. 2012. Solar radiation decreases parasitism in *Daphnia*. *Ecology Letters,* 15(1): 47-54.
30. Prior, N.H., C.N. Washington, *J.M. Housley*, S.R. Hall, **M.A. Duffy,** and C.E. Cáceres. 2011. Maternal effects in a planktonic host-parasite system. *Evolutionary Ecology Research*, 13:401-413.
29. **Duffy, M.A.***, *J.M. Housley*, *R.M. Penczykowski*, C.E. Cáceres, S.R. Hall. 2011. Unhealthy herds: indirect effects of predators enhance two drivers of disease spread. *Functional Ecology,* 25(5):945-953. (article focus of Spotlight by Welch & Harwood: pages 943-944)
28. *Thomas, S.H.*, C. Bertram, K. van Rensburg, C.E. Cáceres, and **M.A. Duffy***. 2011. Spatiotemporal dynamics of free-living stages of a bacterial parasite of zooplankton. *Aquatic Microbial Ecology,* 63(3):265-272.
27. Hall, S.R., C.R. Becker, **M.A. Duffy**, C.E. Cáceres. 2011. Epidemic size determines population-level effects of parasites. *Oecologia,* 166:833-842.
26. Kestrup, Å.M., *S.H. Thomas*, K. van Rensburg, A. Ricciardi, and **M.A. Duffy***. 2011. Differential infection of exotic and native freshwater amphipods by a parasitic water mold in the St. Lawrence River. *Biological Invasions,* 13(3):769-779.
25. *Thomas, S.H.*, J.M. Housley, A.N. Reynolds, *R.M. Penczykowski*, N. Hardegree, K.H. Kenline, S. Schmidt, and **M.A. Duffy***. 2011. The ecology and phylogeny of oomycete infections in *Asplanchna* rotifers. *Freshwater Biology,* 56:384-394. (cover article)
24. *Penczykowski, R.M.*, Samantha E. Forde and **M.A. Duffy***. 2011. Rapid evolution as a constraint on emerging infectious diseases. *Freshwater Biology,* 56:689-704. (cover article)
23. Hall, S.R., C.R. Becker, **M.A. Duffy**, and C.E. Cáceres. 2010. Variation in resource acquisition and use among hosts can create key epidemiological tradeoffs. *American Naturalist,* 176:557-565.
22. **Duffy, M.A.*,** C.E. Cáceres, S.R. Hall, A.J. Tessier and A.R. Ives. 2010. Temporal, spatial and between-host comparisons of patterns of parasitism in lake zooplankton. *Ecology,* 91(11):3322-3331.
21. Hall, S.R., R. Smyth, C.R. Becker, **M.A. Duffy**, C.M. Knight, S. MacIntyre, A.J. Tessier, and C.E. Cáceres. 2010. Why are some lakes sicker? Disease ecology, habitat structure and the plankton. *BioScience,* 60(5):363-375.
20. **Duffy, M.A.*** 2010. Ecological consequences of intraspecific variation in lake *Daphnia*. *Freshwater Biology,* 55: 995-1004. (cover article)
19. **Duffy, M.A.*** and S.E. Forde. 2009. Ecological feedbacks and the evolution of resistance. *Journal of Animal Ecology,* 78:1106-1112.
18. **Duffy, M.A.*,** S.R. Hall, C.E. Cáceres and A.R. Ives. 2009. Rapid evolution, seasonality, and the termination of parasite epidemics. *Ecology*, 90(6):1441-1448.
17. **Duffy, M.A.*** 2009. Staying alive: the post-consumption fate of parasite spores and its implications for disease dynamics. *Limnology and Oceanography,* 54(3):770-773.
16. Hall, S.R., C.M. Knight, C.R. Becker, **M.A. Duffy**, A.J. Tessier and C.E. Cáceres. 2009. Quality matters: resource quality for hosts and the timing of epidemics. *Ecology Letters,* 12(2):118-128.

15. Hall, S.R., C.R. Becker, J.L. Simonis, **M.A. Duffy**, A.J. Tessier, and C.E. Cáceres. 2009. Friendly competition: evidence for a dilution effect in a planktonic host-parasite system. *Ecology,* 90(3):791-801.
14. **Duffy, M.A.***, C.E. Brassil, S.R. Hall, A.J. Tessier, C.E. Cáceres, and J.K. Conner. 2008. Parasite-mediated disruptive selection in a natural *Daphnia* population. *BMC Evolutionary Biology*, 8:80.
13. Cáceres, C.E., A.J. Tessier, A. Andreou, **M.A. Duffy**. 2008. Stoichiometric relationships in vernal pond plankton communities. *Freshwater Biology*, 53(7):1291-1302.
12. **Duffy, M.A.*** and S.R. Hall. 2008. Selective predation and rapid evolution can jointly dampen effects of virulent parasites on *Daphnia* populations. *American Naturalist*, 171(4): 499-510. (This paper received the Mercer Award from the Ecological Society of America.)
11. Rodrigues, J.L.M., **M.A. Duffy**, A.J. Tessier, D. Ebert, L. Mouton and T.M. Schmidt. 2008. Phylogenetic characterization and prevalence of *Spirobacillus cienkowskii*: a red-pigmented, spiral-shaped bacterial pathogen of freshwater *Daphnia* species. *Applied and Environmental Microbiology*, 74(5):1575-1582. (cover article)
10. **Duffy, M.A.*** 2007. Selective predation, parasitism, and trophic cascades in a bluegill-*Daphnia*-parasite system. *Oecologia* 153(2):453-460.
9. Hall, S.R., L. Sivars-Becker, C. Becker, **M.A. Duffy**, A.J. Tessier and C.E. Cáceres. 2007. Eating yourself sick: transmission of disease as a function of foraging ecology. *Ecology Letters* 10(3):207-218.
8. **Duffy, M.A.*** and L. Sivars-Becker. 2007. Rapid evolution and ecological host-parasite dynamics. *Ecology Letters* 10(1):44-53. (cover article; reviewed by Faculty of 1000)
7. Hall, S.R., A.J. Tessier, **M.A. Duffy,** M. Huebner and C.E. Cáceres. 2006. Warmer does not have to mean sicker: Temperature and predators can jointly drive timing of epidemics. *Ecology* 87(7):1684-1695.
6. Cáceres, C.E., S.R. Hall, **M.A. Duffy**, A.J. Tessier, C. Helmle and S. MacIntyre. 2006. Physical structure of lakes constrains epidemics in *Daphnia* populations. *Ecology* 87(6):1438-1444.
5. Hall, S.R., **M.A. Duffy**, A.J. Tessier and C.E. Cáceres. 2005. Spatial heterogeneity of daphniid parasitism in lakes. *Oecologia* 143(4):635-644.
4. **Duffy, M.A.***, S.R. Hall, A.J. Tessier and M. Huebner. 2005. Selective predators and their parasitized prey: Are epidemics in zooplankton under top-down control? *Limnology and Oceanography* 50:412-420.
3. Hall, S.R., **M.A. Duffy** and C.E. Cáceres. 2005. Selective predation and productivity jointly drive complex behavior in host-parasite systems. *American Naturalist* 165:70-81.
2. **Duffy, M.A.***, A.J. Tessier and M.A. Kosnik. 2004. Testing the ecological relevance of *Daphnia* species designations. *Freshwater Biology* 49(1):55-64.
1. **Duffy, M.A.**, L.J. Perry, C.M. Kearns, L.J. Weider, and N.G. Hairston, Jr. 2000. Paleogenetic evidence for a past invasion of Onondaga Lake, New York, by exotic *Daphnia curvirostris* using mtDNA from dormant eggs. *Limnology and Oceanography* 45(6):1409-1414.

Non-peer-reviewed

6. Heinen, R., **M.A. Duffy**, J.W. Fox, S.B. Heard, T. McGlynn, J. Ollerton, M.C. Rillig, M.E. Saunders, C.A. Millman, R.A. Azevedo. 2024. Don't forget the blogosphere. *Annals of Applied Biology*, in press. http://dx.doi.org/10.1111/aab.12935

5. **Duffy, M.A.** 2023. Small but fierce: Planktonic predator-prey-parasite interactions. *Bulletin of the Ecological Society of America,* 104(4):e2095. https://doi.org/10/1002/bes2.2095
    - This has photographs accompanying the Lopez et al. 2023 *Ecology* paper
4. **Duffy, M.A.,** N.C. Tronson, and D. Eisenberg. 2021. Supporting mental health (and productivity!) within labs. *Neuron*, 109(20):3206-3210. (Invited Commentary) https://doi.org/10.1016/j.neuron.2021.08.021
3. Selin, N.E., M.A. Kenney, A.J. Jefferson, J.S. Dukes, T.M. Hill, L. Schmitt Olabisi, and **M.A. Duffy.** 2018. Call for a new AAAS harassment policy. *Science* 361:984-984.
2. Calisi, R.M. and a Working Group of Mothers in Science (45 people, including **M.A. Duffy**). 2018. How to tackle the childcare-conference conundrum. *Proceedings of the National Academy of Sciences* 115(12):2845-2849
1. **Duffy, M.A.** 2014. It helps to be well-connected. *Science,* 344:1229-1230. (Invited Perspective)

Research grants

Currently funded

2020-2027 Gordon and Betty Moore Foundation. "Investigator Award in Aquatic Symbiosis." (Duffy sole PI; $2,430,000)

Pending

2026-2029 National Science Foundation. "Collaborative Research: Scaling up infection: from host consequences to ecosystem processes." (Lead PI: Tara Stewart Merrill, Cary Institute; co-PI: Chris Solomon; Duffy UMich PI; Total requested: $1,892,665; Duffy budget: $923,411)

Previous funding

2018-2023 National Science Foundation. "Collaborative Research: Development and empirical tests of a mechanistic multi-host, multi- pathogen theory." (Lead PI: Michael Cortez, Florida State University; Duffy UMich PI; Total award: $814,288; Duffy budget: $610,889)

2021-2023 University of Michigan Large Course Initiative ($2,000)

2017-2022 National Science Foundation. "Collaborative Research: How do predators spread disease? Tests of five ecological and eco-evolutionary mechanisms with disease in the plankton." (Lead PI: Spencer Hall, Indiana University; Duffy UMich PI; Illinois PI: Carla Cáceres, University of Illinois; Total award: $1,255,000; Duffy portion: $424,999)

2019-2020 University of Michigan, Academic Innovation Fund. "Setting the Stage for Wellbook: Understanding PhD students' unique wellness coaching needs" (Duffy PI, $10,505, plus in kind support from Academic Innovation's Behavioral Science Team)

2016-2019 National Science Foundation. "Dissertation Research: Do interactions between ultraviolet radiation and dissolved organic carbon modulate disease in aquatic

systems?" (PI; Doctoral Dissertation Improvement Grant for graduate student Clara Shaw; Total award: $20,150)

2014-2018 National Science Foundation. "Collaborative Research: Friendly Competition: infusing ecology and evolution at the frontiers of the dilution effect in disease ecology." (Lead PI: Spencer Hall, Indiana University; Duffy UMich PI; other PIs: Carla Cáceres and Zoi Rapti, University of Illinois; Total award: $924,269; Duffy portion: $224,080)

2011-2017 National Science Foundation. "PECASE/CAREER: Rapid host-parasite evolution and its effects on host invasions: a resurrection ecology study" (Duffy sole PI; $828,538 including 3 REU supplements and 2 career-life balance supplements)

2009-2013 National Science Foundation. "Collaborative Research: Joint influences of host genetics and community context on eco-evolutionary host-parasite dynamics." (Duffy PI; collaborative with Spencer Hall, Indiana University; Total award: $621,000 including 3 REU supplements; Duffy portion officially transferred to Michael Goodisman prior to Duffy leaving Georgia Tech)

2008-2010 National Science Foundation. "Research Starter Grant: The role of competition among parasites in driving patterns of disease" ($59,625 including RET supplement; Duffy sole PI)

2006-2007 National Science Foundation. Postdoctoral Research Fellowship in Biological Informatics. "Spatiotemporal scaling of the ecological and evolutionary dynamics of host-parasite interactions" ($120,000)

2005-2007 National Science Foundation Doctoral Dissertation Improvement Grant. "Selective predators and the dynamics of host-parasite interactions" ($10,699)

Media and Public Engagement

Talks to public audiences

2017: University of Michigan Museum of Natural History Science Café; topic: "What Cost, Basic Research"

2017: March for Science, Washington DC (speaker on main stage to >30,000 people on the National Mall [official March for Science attendance estimate: 100,000 people]; video of speech; text of speech)

Writing for general audiences

5. **Duffy, M.A.**, C. Thanhouser, and D. Eisenberg. What colleges must do to promote mental health for graduate students. *The Conversation*. Publication date: August 3, 2018. https://theconversation.com/what-colleges-must-do-to-promote-mental-health-for-graduate-students-100922
(republished by Salon, San Francisco Chronicle, Seattle Post Intelligencer, and more than a dozen other publications)

4. **Duffy, M.A.** It's a problem for Michigan lakes, too. MLive print edition in Ann Arbor, Bay City, Flint, Grand Rapids, Jackson, Kalamazoo, Muskegon, and Saginaw. Publication date: March 4, 2018. Guest column appeared opposite "Salted: Winter runoff is taking the fresh out of nation's waterways".

3. **Duffy, M.A.** President Trump's proposed budget will stunt American scientific innovation.

Medium. Publication date: June 6, 2017.

2. **Duffy, M.A.** How I prepared for the biggest talk of my career: Thoughts on speaking at the March for Science in DC. *LearnSpeakAct*. Publication date: May 5, 2017. https://sites.lsa.umich.edu/learn-speak-act/2017/05/05/how-i-prepared-for-the-biggest-talk-of-my-career-thoughts-on-speaking-at-the-march-for-science-in-dc/

1. **Duffy, M.A.** This polluted lake shows why we are all stakeholders when it comes to clean water: when environmental protection gets short shrift, the price we pay can be staggering. *Ensia*. Publication date: March 29, 2017. https://ensia.com/voices/clean-water-environment-protection/

- *Ensia* is an independent, non-profit magazine focusing on environmental issues

Writing for other scientists or academics

2023: Climate education that builds students' hope and agency, by J.D. Corbin, **M.A. Duffy**, J. Gill, and C. Ziter. *Eos,* 104. https://doi.org/10.1029/2023EO230302. Published on 9 August 2023.

2020: Centering Equity in Student Mental Health Task Forces: Lessons Learned From the University of Michigan, by Sara Abelson, Janelle Goodwill, and **Meghan A. Duffy**. Commissioned by the Steve Fund, published by the American Council on Education on *Higher Ed Today*; target audience: upper university administrators

* 5th most popular *Higher Ed Today* post of 2020

2012-2021, 2024-present: Writer for *Dynamic Ecology*, distributed online; site has received over 4.4 million page views; some of Duffy's writings that originally appeared at *Dynamic Ecology* have been featured on other websites, including Times Higher Education, ASBMB Today, and SAS Confidential. 15 of Duffy's posts at *Dynamic Ecology* have received over 10,000 page views.

Media interviews (aimed at the general public)

2020: Quoted in Washington Post Magazine article, "The environmental burden of Generation Z": https://www.washingtonpost.com/magazine/2020/02/03/eco-anxiety-is-overwhelming-kids-wheres-line-between-education-alarmism/?arc404=true

2019: Featured in PBS Newshour article and video, "How these water fleas could save your water quality – and your life": https://www.pbs.org/newshour/science/how-these-water-fleas-could-save-your-water-quality-and-your-life

2018: Interview with PBS Newshour for article, "Hundreds say #TimesUp for world's largest scientific organization to address sexual harassment": https://www.pbs.org/newshour/science/hundreds-say-timesup-for-worlds-largest-scientific-organization-to-address-sexual-harassment

2018: Interview with Utah Public Radio: http://upr.org/post/research-water-fleas-yields-possible-anti-fungal-drug

2017: Interview on Michigan Radio's Stateside program: http://michiganradio.org/post/scientist-warns-trump-budget-cuts-basic-research-could-devastate-american-innovation

2017: Appeared (along with Senator Whitehouse, Michael Mann, and others) in a video made by 314 Action, calling on President Trump to appoint a science advisor. https://secure.314action.org/page/s/give-trump-science-advice

2016: Interview with Washington Post for article, "What will President Trump mean for science?": https://www.washingtonpost.com/news/speaking-of-science/wp/2016/11/09/what-will-president-trump-mean-for-science/

Media interviews (related to academia)

2017: Interview with Nature for Career Feature, "Top ten tips to kick-start your career in 2018": https://www.nature.com/articles/d41586-017-08663-x
2017: Interview with Nature Careers for article, "Workplace habits: Full-time is full enough": https://www.nature.com/naturejobs/science/articles/10.1038/nj7656-175a
2016: Interview with Science Careers for article, "Breastfeeding while building a career": http://www.sciencemag.org/careers/2016/02/breastfeeding-while-building-career
2015: Interview with Nature for article, "Scientists offer advice on how best to respond to reviewers" http://www.nature.com/news/scientists-offer-advice-on-how-best-to-respond-to-reviewers-1.17640
2015: Interview with Nature Jobs for article, "Insider knowledge": https://www.nature.com/naturejobs/science/articles/10.1038/nj7561-491a

Work with school groups

2021: Keynote lecturer, FEMMES Winter capstone (gave presentation & led activity for girls in grades 4-6 from Ann Arbor, Detroit, and Ypsilanti)
2017-2018: Developed and led activity entitled "Prove It! How to find and use data to answer questions you care about"; this activity reached ~95 scholars in the Wolverine Pathways program each summer, which is a flagship Diversity, Equity, and Inclusion Program at the University of Michigan.
2014-2019: FEMMES capstone activity for girls in grades 4-6 from Ann Arbor, Detroit, and Ypsilanti (1-2 capstone events per year)
2008-2011: Outreach presentations with campers at Piedmont Park (1-3 per summer)

Other

2020: Featured in ECoach Educator Spotlight, produced by UMichigan's Center for Academic Innovation
2019: Interviewed for LSA Explores: Impact video
2019: University of Michigan representative to the Coalition for National Science Funding, Washington, DC; met with Hill staffers and presented poster at CNSF exhibition
2017: Featured scientist on episode 3 of Season 1 of the How to Science podcast, hosted by Dr. Monica Dus
2017: Curator of @realscientists twitter account (>54K followers) for week of 20 August 2017. The week focused on lakes, animal diversity, infectious diseases, teaching, mental health, and many other topics. According to twitter's statistics, this resulted in >3.8 million engagements (and one trending hashtag, #myworstgrade).
2012-2021: Twitter account (@duffy_ma; 11.3K followers); allowed for regular engagements with the general public as well as other academics

Meetings and Symposia

Invited seminars and conference presentations

2025: Cornell University, Ecology and Evolutionary Biology

2025: Georgia Tech, School of Biology
2025: Gordon Research Conference: Animal-Microbe Symbioses Discussion Leader
2025: Workshop on Molecular, Cellular, and Developmental Approaches to Advancing the *Daphnia* Model System, Arizona State University
2025: University of Connecticut Department of Ecology & Evolutionary Biology (research seminar and seminar focused on graduate student mental health)
2024: Gordon Research Conference: Unifying Ecology Across Scales (unable to attend due to covid)
2023: Gordon Research Conference: Writing the Microbial Constitution (was scheduled for 2021, rescheduled for 2023 due to pandemic, unable to attend due to schedule conflict)
2023: Penn State University, Center for Infectious Disease Dynamics (remote seminar scheduled for February 2023)
2022: Rocky Mountain Biological Laboratory, Douglass Distinguished Lecture (research seminar and public seminar)
2022: University of Wisconsin, Keynote speaker for Ecology Symposium (research seminar and seminar focused on graduate student mental health)
2022: University of California-Davis, Animal Behavior Graduate Group (remote seminar)
2022: Emory University, Department of Biology (research seminar and seminar focused on graduate student mental health)
2021: Michigan Tech, Biological Sciences Department (remote seminar)
2021: Women in Aquatic Sciences Networking Event (keynote speaker, virtual due to pandemic)
2021: University of Amsterdam, Institute of Biodiversity and Ecosystem Dynamics (originally scheduled for May 2020, given as remote seminar in April 2021 due to pandemic)
2021: University of Oklahoma, Biology Department (grad student-invited speaker; originally scheduled for April 2020, given as remote seminar in April 2021 due to pandemic)
2020: University of Louisiana at Lafayette (graduate student invited speaker, remote seminar, seminar focused on graduate student mental health)
2020: Michigan State University, EEBB Symposium (keynote speaker, scheduled for April 2020, canceled due to pandemic)
2020: American Association for the Advancement of Science (February 2020; talk focused on graduate student mental health)
2019: Evolution 2019, invited speaker in American Society of Naturalist's Vice Presidential Symposium (organized by Doug Emlen)
2019: Biology19, Zurich, Switzerland (sponsored by the Swiss Academy of Natural Sciences), Keynote speaker
2019: Northeastern University Marine Science Center (research seminar & brown bag about graduate student mental health)
2018: University of Massachusetts-Amherst
2018: Swiss Federal Institute of Aquatic Science and Technology (EAWAG)
2018: Ecological Society of America, New Orleans
2018: University of Michigan BioStation, Olin Sweall Pettingill Lecture in Natural History (research seminar and public seminar)
2018: Utah State University, Ecology Center (grad student-invited speaker)
2018: University of Florida, Department of Biology
2017: Ecological Society of America, Portland, OR
2017: Front Range Student Ecology Symposium, hosted by Colorado State University, Keynote

speaker invited by grad students
2016: Eastern Michigan University, Department of Biology
2016: University of Georgia, Odum School of Ecology
2015: University of Maine, School of Biology and Ecology
2015: Queen's University, EEB Seminar Series
2014: Ecological Society of America, Sacramento, CA
2014: University of Toronto, EEB Colloquium, Plenary Lecture
2014: Duke University, Program in Ecology
2014: Oregon State University, Department of Zoology
2014: Michigan State University, Department of Microbiology and Molecular Genetics (grad student-invited speaker)
2013: Aquatic Ecology Symposium, Kellogg Biological Station
2013: Rapid Evolution and Sustainability Workshop at the Mathematical Biosciences Institute (Columbus, OH)
2013: European Society for Evolutionary Biology Invited Symposium Speaker
2013: American Society of Naturalists Vice Presidential Symposium
2013: Western Michigan University, Department of Biological Sciences (grad student-invited speaker)
2013: University of Texas-Austin, School of Biological Sciences
2012: University of Alabama, Department of Biological Sciences
2012: Michigan State University, EEBB Program and Kellogg Biological Station
2012: Association of Southeastern Biologists, Athens, GA (Talk given by grad student Dylan Grippi)
2012: University of West Georgia, Department of Biology
2012: Cornell University, Department of Ecology and Evolutionary Biology
2011: Ecological Society of America, Austin, TX
2011: University of Michigan, Department of Ecology and Evolutionary Biology
2011: Cary Institute for Ecosystem Studies (New York)
2011: Emory University, Department of Biology
2010: American Society of Limnology and Oceanography, Sante Fe, NM
2010: Southeastern Ecology and Evolution Conference, Atlanta, GA (Closing address)
2010: Oberlin College, Biology Department
2010: Georgia Tech, Integrative BioSystems Institute
2009: Miami University (Ohio), Department of Zoology
2009: McGill University (Montreal), Biology Department
2009: "100 Years of Limnology at Cornell" Symposium, Cornell University, Ithaca, NY
2009: Emory University, Population Biology, Ecology and Evolution Seminar
2009: University of South Carolina, Department of Biological Sciences
2008: Virginia Tech, Department of Biology
2008: Auburn University, Department of Fisheries and Allied Aquacultures
2008: Georgia Tech, Mathematical Biology and Ecology Seminar
2008: University of Georgia, Ecology of Infectious Disease Seminar
2008: University of Nebraska-Lincoln, School of Biological Sciences
2007: University of Michigan, Young Scientists' Symposium
2007: Ohio State University, Department of Evolution, Ecology, and Organismal Biology
2006: Purdue University, Department of Forestry and Natural Resources

2006: Georgia Tech, School of Biology
2006: Rice University, Department of Ecology and Evolutionary Biology
2005: Michigan State University, Ecology, Evolutionary Biology and Behavior Program
2004: Jacques Monod Conference "Evolutionary ecology of host-parasite relationships", Roscoff, France

University Service

Michigan, within department

2023-2025	Associate Chair for Undergraduate Studies, Department of Ecology & Evolutionary Biology
2022-present	EEB Department mentor for Marjorie Weber
2022-2023	EEB Executive Committee
2021	Chair of EEB Department's Search Committee for President's Postdoctoral Fellows and LSA Collegiate Fellows
2020-present	EEB Undergraduate Affairs Committee
2019-2020	NextProf; EEB Departmental Representative (along with 1-2 other faculty)
2019-2021	EEB Department mentor for Nyeema Harris
2019-present	EEB Department mentor for Maria Natalia Umaña
2019-present	EEB Department mentor for Luis Zaman
2017-2018	EEB Graduate Admissions Committee
2017, 2018	Frontiers Masters Admissions Committee
2016-present	EEB Department mentor for Melissa Duhaime
2016	Faculty Search Committee (Ecosystem Ecology)
2016, 2017	Nominating Committee, Department of Ecology & Evolutionary Biology
2015	EEB Department Liaison to REBUILD "Bridges to Science" orientation for Comprehensive Studies Program students
2015	Faculty Search Committee (Ecology or Evolutionary Biology of Fishes or Birds)
2014-2017*	EEB Executive Committee *terms served on Executive Committee: Fall 2014, Fall 2015, Winter 2017
2014-2016	EEB Department mentor for Chelsea Wood (Michigan Fellow)
2014-2015	EEB Department Liaison to M-STEM Academies
2013-2014	Faculty Search Committee (Ecology and Evolutionary Ecology)
2013	Ad hoc Building Committee
2012-2014	Graduate Admissions Committee, Department of Ecology & Evolutionary Biology

Michigan, outside department

2025	Mid-career Biosciences Faculty Achievement Recognition (MBioFAR) Committee
2024-present	University of Michigan Biological Station Curriculum Advisory Committee
2024-2025	Department Action Team for Equitable Teaching (DATET) Pilot Program Department Lead
2024	Provost's Seminar on Teaching, panelist (Fall 2024)
2024	Advancing Climate Education (ACE 2.0) Task Force
2022-2024	CRLT Players External Advisory Board

2021-2022 Member, Graduate/Professional Student Needs Work Team, Student Mental Health Committee

2021-2024 President's Public Engagement Awards Selection Committee

- Chair of committee in 2022-2023 & 2023-2024

2021-2023 Chair of Rackham's Mental Health and Wellbeing Committee

2019-2021 Chair of Rackham Task Force on Graduate Student Mental Health

- I worked with Rackham to develop this task force in 2018-2019; the task force officially ran from 2019-2021, with me as chair
- First Year Report available here; all 10 recommendations were officially accepted by Dean Solomon; Second Year Report available here
    - Resulted in the creation of the Rackham Mental Health & Wellbeing Committee, Rackham's Wellbeing Advocate staff position, and the Wellbeing Advocate Program

2019-2022 President's Postdoctoral Fellowship Program Advisory Committee

2019-2020 ADVANCE Launch Committee for Roland Kersten (College of Pharmacy)

2019 LSA Faculty Advisory Group on Inclusive Teaching

2018-2021 Institute for Global Change Biology Steering Committee

2018-2019 "Big Idea" Working Group member, focused on undergraduate education at Michigan

2018 Developed "Introduction to R" activity for M-Sci Academy; led instructor training

2018-2022 Academic Innovation Advisory Committee

2018 ADVANCE Launch Committee for Jena Johnson (Earth & Environmental Sciences)

2017 Foundational Course Initiative Design Group member

2017 Fall Provost's Seminar on Teaching (PSOT):

- member of Planning Advisory Committee
- lightning talk on representing student learning
- discussion facilitator

2017-2018 University Senate Assembly (LSA Representative)

2016-2019 UM Museum of Natural History Faculty Science Advisory Committee

2015-2018 ADVANCE Program *ad hoc* parenting committee

2015-2018 UMich Software Carpentry co-Director

2015 Organized (along with Pat Schloss) a Software Carpentry workshop for Women in Science and Engineering (57 attendees)

Georgia Tech

2012 Founded Society for BioDiversity, which focuses on topics of interest to underrepresented minority students in Biology

2011-2012 Undergraduate Committee, School of Biology

2010 Judge for GT Research and Innovation Conference

2010 Aquatic Chemical Ecology REU Site Program Co-director and temporary co-PI

2009-2011 School of Biology Web News Committee

2009 Judge for Undergraduate Research Spring Symposium

2008-2012	Led development of concept assessment to be used in Ecology courses at Georgia Tech; responsible for implementation and analysis of assessment in Ecology courses until 2012
2008	Judge for 2008 Siemens Regional Competition in Math, Science and Technology (held at Georgia Tech)
2008	Judge for Undergraduate Research Spring Symposium

Service Outside University

Editorial Service

2015-2024	Editorial Board for *American Naturalist*
2016	*American Naturalist* Editor-in-Chief Selection Committee
2013-2016, 2018-2020	Editorial Board for *Ecology and Evolution*

Society-level Service

2023-present	Member, ESA Fellows/Early Career Fellows Subcommittee
2021	Past Vice President, American Society of Naturalists
2020	Vice President, American Society of Naturalists
2019	Vice President-elect, American Society of Naturalists
2017	Organized career workshop for SEEDS students at the Ecological Society of America (SEEDS seeks to diversify ecology)
2016-2019	Chair, Mercer Award Subcommittee, Ecological Society of America
2013-2016	Member, Grants and Fellowships Committee, Ecological Society of America
2013-2015	Chair of the Aquatic Ecology Section of the Ecological Society of America
2011-2013	Vice-chair of the Aquatic Ecology Section of the Ecological Society of America
2009	Organized oral session at 2009 Ecological Society of America Meetings on "Evolutionary Ecology of Invertebrate Host-Parasite Interactions" (with N. Gerardo, Emory)
2008-2011	Web page administrator for Ecological Society of America's Aquatic Ecology Section

Grant-review panel Service

2025	Proposal Review Panelist, National Science Foundation, Division of Environmental Biology
2022	Proposal Review Panelist, National Science Foundation, Division of Environmental Biology
2015	Preproposal Panelist, National Science Foundation, Division of Environmental Biology, Population and Community Ecology
2013	Proposal Review Panelist, National Science Foundation, Division of Environmental Biology, Evolutionary Ecology Panel
2010	Proposal Review Panelist, National Science Foundation, Division of Environmental Biology, Ecology Program, Population and Community Ecology Panel
2009	Proposal Review Panelist, National Science Foundation, Division of Environmental Biology, Ecology Program, DDIG Panel
2008	Proposal Review Panelist, National Science Foundation, Division of Environmental Biology, Ecology Program, DDIG Panel

External Advisory Boards

2019-2022 Advisory Board, Eco-BLIC, an NSF-funded project led by Michelle Smith (Cornell) focused on critical thinking skills in ecology lab and field courses

2017-2018 Advisory Board, 500 Women Scientists, which aims to transform leadership, diversity, and public engagement in science

2013-2018 External Advisory Board, BEACON Center for the Study of Evolution in Action, Michigan State University

Peer-Reviewing

Manuscript reviewer for: *Ambio; American Naturalist; Aquatic Toxicology; Behavioral Ecology; Biology Letters; BMC Biology; BMC Ecology; BMC Evolutionary Biology; EcoHealth; Ecological Entomology; Ecology; Ecology & Evolution; Ecology Letters; Ecosphere; FEMS Microbiology Ecology; Freshwater Biology; Fundamental and Applied Limnology/Archiv für Hydrobiologie; Harmful Algae; Heredity; Hydrobiologia; International Review of Hydrobiology; ISME Journal; Journal of Animal Ecology; Journal of Engineering Education; Journal of Evolutionary Biology; Journal of Experimental Biology; Journal of Higher Education; Journal of the Royal Society Interface; Journal of Theoretical Biology; Limnology and Oceanography*; *Molecular Ecology; Nature Climate Change; Nature Communications; Oecologia; Oikos*; *Parasitology; Philosophical Transactions of the Royal Society B; PLoS ONE; Proceedings of the Royal Society of London B; Science; Scientific Reports; Trends in Ecology & Evolution; Trends in Parasitology*.

Ad hoc grant proposal review for: National Science Foundation (Programs: Biological Oceanography; Ecology; Ecosystem Studies; International Research Fellowship; Population and Community Ecology; Population and Evolutionary Processes), National Geographic, German Research Foundation, Katholieke Universiteit Leuven, Leverhulme Trust, and Research Foundation Flanders (Belgian Foundation for Scientific Research).

External examiner/opponent for PhD dissertations at the University of Otago (New Zealand; student: Amanda Valois), the University of Montpellier (France; student: Eva Lievens), and The Arctic University of Norway (student: Eirik Henriksen)

Other

Co-creator (along with Gina Baucom) of DiversifyEEB, a resource for highlighting scientists who are women and/or underrepresented minorities. Gina & I came up with the idea; we created it in 2016 and ran it until 2025.

Co-creator (along with Terry McGlynn) of EEB Mentor Match, a resource for pairing students from underrepresented groups with mentors who can provide feedback on fellowship and graduate school applications; I came up with the idea and ran this with Terry McGlynn in 2017 & 2018, but am no longer involved in running this.

Membership in Professional Societies

American Association for the Advancement of Science
American Society of Limnology and Oceanography
American Society of Naturalists

Ecological Society of America
Society for the Study of Evolution

Graduate Students Supervised

Graduate students for whom I currently serve as advisor

Cheyenne Graham	Ph.D. student co-advised with Kelly Speer (2024-present)
Riley Manuel	Ph.D. student (2023-present); Rackham Merit Fellowship
Teresa Sauer	Ph.D. student (2021-present); NSF Graduate Research Fellow
Aleana Savage	Ph.D. student co-advised with Kelly Speer (2024-present)

Past graduate students for whom I served as advisor

Elizabeth (Libby) Davenport	Ph.D. 2025; NSF Graduate Research Fellowship Honorable Mention; Rackham One Term Fellowship; currently NSF Postdoctoral Research Fellow in Biology
Camden Gowler	Ph.D. 2020; Rackham Predoctoral Fellow; NSF Graduate Research Fellowship Honorable Mention; currently Epidemiologist, City of Chicago
Dylan Grippi	M.S. 2014; currently Consumer Safety Officer, US Food & Drug Administration
Kit McLean	Ph.D. 2022; NSF Graduate Research Fellow; Rackham Merit Fellow; currently postdoctoral fellow, U. Michigan Epidemiology
Khadijah Payne	M.S. 2020, Frontiers Masters Program, University of Michigan; currently Biology Instructor at St. Augustine's University
Rachel Penczykowski	Ph.D. 2013; NSF Graduate Research Fellow, GT President's Fellow; currently Associate Professor at Washington University-St. Louis
Kristel Sánchez	Ph.D. 2023; previously Frontiers Masters student (2015-2017; co-advised with Mark Hunter); NSF Graduate Research Fellow; Rackham Merit Fellow; currently NSF Postdoctoral Research Fellow in Biology at Leibniz Institute of Freshwater Ecology and Inland Fisheries, Berlin, Germany
Clara Shaw	Ph.D. 2019; Rackham One Term Fellow; currently Assistant Professor, University of Minnesota-Duluth
Angela Zhu	M.S. 2025; currently Ph.D. student at U. California-Davis

Former visiting graduate student

Natalia Ferreira Dos Santos	Ph.D. student Federal Rural University of Pernambuco, Brazil (2022-2024)

Postdoctoral Fellows Supervised

Current

Aldo Arellano (Ph.D., 2025, University of Wisconsin): 2026-present
Elizabeth (Libby) Davenport (Ph.D., 2025, University of Michigan): 2025-present
Marcin Dziuba (Ph.D., 2021, Adam Mickiewicz University, Poland): 2021-present

Former

Stuart Auld (Ph.D., 2011, University of Edinburgh): 2011-2012, Nature Partnerships Lead, Okala

Patrick Clay (Ph.D., 2019, Rice University): 2019-2021, currently at US Centers for Disease Control and Prevention

Michelle Fearon (Ph.D., 2020, University of Michigan): 2020-2023, currently Lead Data Scientist at EvE Bio

Camden Gowler (Ph.D., 2020, University of Michigan): 2020-2021, currently Epidemiologist, City of Chicago

Laura Lopez (Ph.D., 2017, University of Wollongong): 2018-2021, currently at National Centre for Immunisation Research and Surveillance, Australia

Kristina McIntire (Ph.D., 2020, Illinois State University): 2021-2024, Quantitative Research Analyst, University of Hawaii-Hilo

Mary Rogalski (Ph.D., 2015, Yale University): 2015-2018, currently Assistant Professor, Bowdoin College

Catherine Searle (Ph.D., 2011, Oregon State University): 2011-2014, currently Associate Professor, Purdue University

Syuan-Jyun Sun (Ph.D., 2020, University of Cambridge): 2021-2022, currently Assistant Professor, National Taiwan University

Sara Thomas (Ph.D., 2009, Georgia Institute of Technology): 2009-2010; recipient of School of Biology's VWR Postdoctoral Award for Scientific Excellence in Experimental Biology; currently teacher, Wheeler High School, Cobb County, GA

Nina Wale (Ph.D., 2016, Penn State University): 2016-2020; recipient of Hamilton Award from the Society for the Study of Evolution and the Omenn Prize from the International Society for Evolution, Medicine, and Public Health; currently Assistant Professor, Michigan State University

Graduate Student Committee Service

Current graduate students on whose thesis/dissertation committees I serve

Kathryn Schmidt	Ph.D. student, University of Michigan EEB
Yu-Cheng (Marvin) Lin	Ph.D. student, University of Michigan EEB
Nepsis García	Ph.D. student, University of Michigan EEB
Emma Carlson	Ph.D. student, University of Michigan EEB
Bhaskar Kumawat	Ph.D. student, University of Michigan EEB
Diana Carolina Vergara-Florez	Ph.D. student, University of Michigan EEB
Manasven Raina	Ph.D. student, University of Michigan EEB

Past graduate students on whose thesis/dissertation committees I served

Kevin Bakker	Ph.D. 2017, University of Michigan EEB
Anat Belasen	Ph.D. 2019, University of Michigan EEB
Clarisse Betancourt	M.S. 2014, University of Michigan EEB
Cindy Bick	Ph.D. 2018, University of Michigan EEB
Sarah Jane Bork	Ph.D. 2023, University of Michigan Engineering Education Research
Feng-Shun (Oscar) Chang	Ph.D. 2019, University of Michigan SEAS
Rebecca Clemons	M.S. 2022, University of Michigan EEB

Nikesh Dahal	Ph.D. 2025, University of Michigan EEB
Tad Dallas	Ph.D. 2016, University of Georgia
Leslie Decker	Ph.D. 2018, University of Michigan EEB
Michelle Fearon	Ph.D. 2020, University of Michigan EEB
Gordon Fitch	Ph.D. 2021, University of Michigan EEB
Keri Goodman	M.S. 2011, Georgia Tech Biology
Cheyenne Graham	M.S. 2023, University of Michigan EEB
Melanie Heckman	M.S. 2011, Georgia Tech Biology
Jessica Ibiebele	Ph.D. 2025, University of Michigan Epidemiology
Nia Johnson	Ph.D. 2023, University of Michigan EEB
Joanna Larson	Ph.D. 2020, University of Michigan EEB
Morgan Lindback	Ph.D. 2024, University of Michigan EEB
Kirby Mills	Ph.D. 2023, University of Michigan EEB
David Murphy	Ph.D. 2012, Georgia Tech Civil and Environmental Engineering
Xorla Ocloo	M.S. 2018, University of Michigan EEB
Jo Osborn	Ph.D. 2022, University of Michigan Anthropology
Benjamin Parker	Ph.D. 2013, Emory University Population Biology, Ecology and Evolution
Chase Rakowski	M.S. 2015, University of Michigan SNRE
Doug Rasher	Ph.D. 2012, Georgia Tech Biology
Anjali Shakya	M.S. 2021, University of Michigan EEB
Robert Drew Sieg	Ph.D. 2013, Georgia Tech Biology
Anah Soble	M.S. 2024, University of Michigan EEB
Byron Smith	Ph.D. 2018, University of Michigan EEB
Jiaqi Tan	Ph.D. 2014, Georgia Tech Biology
Sarah Westrick	Ph.D. 2020, University of Michigan Psychology
Spenser Widin	M.S. 2021, University of Michigan SEAS
Anthony (AJ) Wing	Ph.D. 2023, University of Michigan EEB
Andrew Wood	Ph.D. 2019, University of Michigan EEB

Laboratory technicians and managers

Current

Kira Monell, lab manager
Natalia Ferreira dos Santos, lab technician

Former

Rebecca Bilich; currently medical student at Wayne State University
Siobhan Calhoun; currently PhD student at U. California-Davis
Fiona Corcoran, currently PhD student at Princeton University
Katherine Hunsberger; currently nurse at St. Joseph's Hospital
Jessica Housley Ochs; currently small business owner
Isabella Oleksy; currently assistant professor at U. Colorado

Undergraduate students who have performed research in my group

(>100 students since 2008)

Name	College/Program, year(s) in Duffy Lab

Evie Tanaka	U. Michigan, 2025
Vianey Cardiel	U. Michigan, 2025-present
Keelan Vanderhart	U. Michigan, 2024-2025
Aishani Moradia	U. Michigan, 2024-2025
Emma Dismondy	U. Michigan, 2024
Mia Robbins	U. Michigan, 2024-present
Harshini Rubarajan	U. Michigan, 2024-2025
Lindsey Selter	Eastern Michigan U., 2023-2024
Kendall Ash	U. Michigan, 2023-2024
Katya Deckelbaum	U. Michigan, 2023
Sooyun Christina Kim	U. Michigan, 2023
Cristian Huerta	U. Michigan, 2022-2025
Taleah Nelson	U. Michigan, 2022-present
Jenna Petrie	U. Michigan, 2022-2023
Anna Zhao	U. Michigan, 2022
Fiona Corcoran	U. Michigan, 2022-2023
Noah Manuszak	U. Michigan, 2022 (REU Summer 2022)
Paige McCreadie	U. Michigan, 2022-2025
Megan Vaandrager	U. Michigan, 2022
Morgan Bates	U. Michigan, 2022
Riley Jaye	U. Michigan, 2022-2025
Emma Baird	U. Michigan, 2021-2024; Biology Highest Honors
Shannon Flores	U. Michigan, 2021-2022
Logan Jacobson	U. Michigan, 2021-2024
Varun Ravichandran	U. Michigan, 2021-2022 (REU Summer 2021)
Peter Akande	U. Michigan, 2020 (REU)
Vannessa Mkwe	U. Michigan, 2020 (REU)
Nathalie O'Hernandez	U. Michigan, 2020 (REU)
Rija Awan	U. Michigan, 2020
Ellie Holmes	U. Michigan, 2020
Jamie Trepeck	U. Michigan, 2020
Aniqa Maisha	U. Michigan, 2019-2022
Karen Cao	U. Michigan, 2019-2020
Kathryn Sullivan	U. Michigan, 2019-2020
Anita Weng	U. Michigan, 2019-2020 (UROP)
Ahmad Kafri	U. Michigan, 2019-2022 (UROP)
Haikel Haile	U. Michigan, 2019
Jade Garcia	Cal State-Dominguez Hills, 2019 (REU)
Vincent Hernandez	Cal State-Dominguez Hills, 2019 (REU)
Elizabeth Solis	Cal State-Dominguez Hills, 2019 (REU)
Baili Zhong	Doris Duke Conservation Scholar, 2019
Jorge Agudelo	Doris Duke Conservation Scholar, 2019
Joshua Cohen	U. Michigan, 2019
Ellie Simon	U. Michigan, 2019
Liberty Woodside	U. Michigan, 2019-2020
Catherine Zheng	U. Michigan, 2019-2020

Zenani Kettle	U. Michigan, 2018
Alliyah Lusuegro	Doris Duke Conservation Scholar, 2018
Mia McPherson	Doris Duke Conservation Scholar, 2018
Seeta Goyal	U. Michigan, 2018-2019
Bruce O'Brien	U. Michigan, 2018-2019
Julia Meng	U. Michigan, 2018
Aliruda El-Sayed	U. Michigan, 2017-2018 (UROP)
Haley Essington	U. Michigan, 2017-2021; Biology High Honors
Karana Wickens	U. Michigan, 2017-2018
Claire Freimark	U. Michigan, 2017-2019; Biology Honors
Justin Ramirez	U. Michigan, 2017-present (REU)
Haniyeh Zamani	U. Michigan, 2017-2018; Biology Honors
Blenna Kiros	Doris Duke Conservation Scholar, 2017
Harbria Gardner	Doris Duke Conservation Scholar, 2017
Stephanie Roskowski	U. Michigan, 2016-2017 (UROP)
McKenna Turrill	U. Michigan, 2016-2019; Biology Honors
Rachel DeCaluwe	U. Michigan, 2016-2017
Morgan Rondinelli	U. Michigan, 2016-present (2017 LSA Honors Summer Fellowship); Biology Honors
Xavier Nelson	Doris Duke Conservation Scholar, 2016
Gabby Vargas	Doris Duke Conservation Scholar, 2016
Naomi Huntley	U. Michigan, 2016
Ruby Siada	U. Michigan, 2015-2016
Natalie Imirzian	U. Michigan, 2015-2016; Biology Honors
Abdurrahman Abdi	U. Michigan, 2015-2016
Magen Prado	Cal State-Dominguez Hills, 2014 (REU)
Alejandra Villalba	Cal State-Dominguez Hills, 2014 (REU)
Rebecca Bilich	U. Michigan, 2013-2017; Biology Honors
Kailash Dhir	U. Michigan, 2013-2016
Alan Longworth	U. Michigan, 2013-2015 (UROP Research Scholar)
Solanus de la Serna	U. Michigan, 2013-2015 (UROP)
Chloe Lash	Valparaiso University, 2013 (REU)
Rebecca Healy	Mercyhurst College, 2013 (REU)
Amanda Bromilow	U. Michigan, 2012-2014
Brian Lemanski	Colgate University, 2012 (REU) Received Best REU Student Poster Award at 2013 ASLO Meeting
Blake Christianson	Georgia Tech, 2012
Katherine Uyesugi	Georgia Tech, 2011-2012
Mathew Sebastian	U. South Carolina, 2011 (REU)
Elisabeth Clark	Spelman College, 2011 (REU)
Kevin Rothstein	Georgia Tech, 2011-2012
Zuri Hudson	Georgia Tech, 2011-2012 (REU summer 2012)
Alison Burger	Georgia Tech, 2011-2012
Sara Snell	Georgia Tech, 2011-2012 President's Undergraduate Research Award recipient, Research Option, Honors Thesis

Hema Sundar	Georgia Tech, 2011-2012
Stephanie Hernandez	Georgia Tech, 2010-2012 (REU summer 2012) President's Undergraduate Research Award recipient, Research Option, Honors Thesis
Cherise Washington	Spelman College, 2010-2011 (REU and NIH RISE Fellow at Georgia Tech)
Freddie Irizarry Delgado	U. Puerto Rico-Mayaguez, 2010 (REU)
Tamanna Ahmed	Georgia Tech, 2010-2011 President's Undergraduate Research Award recipient, Research Option, Honors Thesis
Seda Grigoryan	Georgia Tech, 2010
Kristine Jansen	Georgia Tech, 2010
Susie Lee	Georgia Tech, 2010
Bonnie Ann Sarrell	Georgia Tech, 2009-2011
Grace Wilkinson	St. Olaf College, 2009 (REU at Georgia Tech)
Zayani Sims	Spelman College, 2009 (REU and Temp at Georgia Tech)
Abigail Reynolds	Georgia Tech, 2009-2010 President's Undergraduate Research Award recipient, Research Option, Honors Thesis
Karla Van Rensburg	Georgia Tech, 2009-2010 Research Option, Honors Thesis
Kathryn Kenline	Georgia Tech, 2009-2010
Jessica Housley	Georgia Tech, 2008-2009
Sierra Schmidt	Georgia Tech, 2008 President's Undergraduate Research Award recipient
Laura Geronimo	Wesleyan University, summer volunteer at Georgia Tech, 2008
Derek DeRaps	Georgia Tech, 2008
Natalie Huch Hardegree	Georgia Tech, 2008 President's Undergraduate Research Award recipient