

PUBLICATIONS: Jeanne M. Fair

Books and Book Chapters

Fair, J.M. 2023. *Scientific Collaboration: Strategies for Impact and Influence of Research Teams*. John Hopkins University Press, Baltimore, MD. Release Fall 2023.

National Academies of Sciences, Engineering, and Medicine. 2022. *Addressing Inaccurate and Misleading Information About Biological Threats Through Scientific Collaboration and Communication in Southeast Asia*. Washington, DC: The National Academies Press. <https://doi.org/10.17226/26466>. Panel Contributor.

Fair, J.M. and J. Fair. 2019. *Viral Forecasting, Pathogen Cataloging, & Disease Ecosystem Mapping: Measuring Returns on Investments*. In *Global Catastrophic Biological Risk*. Springer International Publishing. New York, NY.

Fair, J.M. Editor-in-Chief. 2017. *Biological Engagement Programs: Reducing Threats and Strengthening Global Health Security Through Scientific Collaboration*. Frontiers ebook September 2017.

Editor Positions

Guest Editor, Animal Response to Climate Change. 2021. *Journal Biology*.

Topic Editor,

Frontiers Topic - Climate Change and Infectious Diseases: Multidisciplinary Cooperation and Predictive Analytics <https://www.frontiersin.org/research-topics/39220/climate-change-and-infectious-diseases-multidisciplinary-cooperation-and-predictive-analytics> 2022.

Frontiers Topic Infectious Disease Surveillance: Applying Cooperative Research to Recent Outbreaks including COVID-19 2021.

Topic Editor, **Frontiers Topic** – Cooperative Biological Engagements: Reducing Threats and Strengthening Global Health Security Through Scientific Collaboration *Scientific Collaborations: How do we Measure the Return on Relationships? Special topic in Infectious Diseases and Public Health*. 2015. Co-editors, Nathan Wolfe and Hillary Carter.

Assistant Editor, *Ornithological Applications*, 2017-2020.

Peer-reviewed (* denotes publication with student)

Bartlow, A.W., Stromberg, Z., Gleasner, C., Hu, B., Davenport, K., Jakhar, S., Li, P., Vosburg, M., Garimella, M., Chain, P.S.G., Erkkila, T., J.M. Fair, and H. Mukundan. 2022. Comparing variability in diagnosis of upper respiratory tract infections in patients using syndromic, next generation sequencing, and PCR-based methods. *PLoS Global Public Health*. 2(7): e0000811. <https://doi.org/10.1371/journal.pgph.0000811>

Bartlow, A.W., Moser, S.K., Ellis, J.E., Hathcock, C.D. and J.M. Fair. 2022. Comparing western (*Megascops kennicottii*) and whiskered (*M. trichopsis*) screech-owl microbiomes in southern Arizona using a novel 16s rRNA sequencing method. *Animal Microbiome*.

4(1):45 <https://animalmicrobiome.biomedcentral.com/articles/10.1186/s42523-022-00196-7#citeas>

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- Parekh, F. K., J. Hay, K. Tabynov, R. Hewson, J. M. Fair, S. Essbauer, and K. B. Yeh. 2022. Cooperative Research and Infectious Disease Surveillance: A 2021 Epilogue. *Frontiers in Public Health*, 9. <https://www.frontiersin.org/article/10.3389/fpubh.2021.817431>
- Middlebrook, E. A., Romero, A. T., Bett, B., Nthiwa, D., Oyola, S. O., Fair, J. M., & Bartlow, A. W. (2022). Identification and distribution of pathogens coinfecting with *Brucella spp.*, *Coxiella burnetii* and Rift Valley fever virus in humans, livestock and wildlife. *Zoonoses and Public Health*, 00, 1– 20. <https://doi.org/10.1111/zph.12905>
- Gorris, M. E., Bartlow, A. W., Temple, S. D., Romero-Alvarez, D., Shutt, D. P., Fair, J. M., Kaufeld, K. A., Del Valle, S. Y., Manore, C. A. (2021). Updated distribution maps of predominant *Culex* mosquitoes across the Americas. *Parasites Vectors* 14, 547 <https://doi.org/10.1186/s13071-021-05051-3>
- Yeh, K.B., Parekh, F.K., Tabynov, K., Tabynov, K., Hewson, R., Fair, J.M., Essbauer, S., Hay, J., 2021. Operationalizing Cooperative Research for Infectious Disease Surveillance: Lessons Learned and Ways Forward. *Frontiers in Public Health* 9. <https://doi.org/10.3389/fpubh.2021.659695>
- Abeyta*, E.J., A.W. Bartlow, C. D. Hathcock, and J. M. Fair. 2021. Individual nest site preferences do not explain upslope population shifts of a secondary cavity-nesting species. *Animals* 11, 2457. <https://doi.org/10.3390/ani11082457>
- Sanchez A.A., Bartlow A.W., Chan A.M., Fair J.M., Skinner A.A., Hutchins K., et al. 2021. A field guide for aging passerine nestlings using growth data and predictive modeling. *Avian Research* 12:28. doi:10.1186/s40657-021-00258-5
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Publications in Review

- Yeh, K.B., F. K. Parekh, I. Mombo, J. Leimer, R. Hewson, G. Olinger, J. M. Fair, Y. Sun⁷ and J. Hay. In review. Climate Change and Infectious Disease: A Prologue on Multidisciplinary Cooperation and Predictive Analytics. *Frontiers*
- Walsh, J., R. Bowman, J. Brawn, K. M. Covino, K. Dugger, R.C. Fleischer, J. Houtz, S. M. Mahoney, M. Pruett-Jones, Corey Tarwater, and J.M. Fair. In review. Professional ethics in the American Ornithological Society: survey findings and future directions. *Ornithology*
- Skinner, A. Jankowski, M.D., Hatch, M., and J.M. Fair. In review. Measuring total protein in avian blood. *Journal of Avian Biology*

Technical Publications:

- Manore, C. Fair, J.M. and C. Xu. 2021. How will a changing climate affect the future of vector borne diseases? GovOpenAccess <https://www.openaccessgovernment.org/vector-borne-diseases-2/120242/>
- Los Alamos National Laboratory 50 Year Environmental Stewardship Plan. Co-Lead Los Alamos National Laboratory September 19, 2012. www.lanl.gov/projects/envplan
- Los Alamos National Laboratory Environmental Report 2012. Los Alamos National Laboratory Report LACP-2012ENV
- Fair, J.M., E. Norris, and J. Payne. 2012. Environmental Baseline Survey Report for Land Conveyance of Tract A-8-b Sub-parcel DP Road-1 South Tract. Los Alamos National Laboratory Report LA-UR-12-24508
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