

Andrew W. Park

CONTACT INFORMATION

Odum School of Ecology
University of Georgia
Athens, GA 30602-2202 USA

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APPOINTMENTS

Associate Professor, University of Georgia (2014 – present)

- Odum School of Ecology (2008 – present)
- Dept. Infectious Diseases, College of Veterinary Medicine (2008 – present)
- Faculty of Infectious Diseases (2008 – present)
- Institute of Bioinformatics (2008 – present)
- Bimolecular Health Sciences Institute (2014 – present)

Assistant Professor, University of Georgia (2008-2013)

Postdoctoral Fellow (2005-2008), Swiss Federal Institute for Aquatic Science and Technology (Zürich, Switzerland) & Institut de Recherche pour le Développement (Montpellier, France)

Visiting Fellow (2005) Australian National University

Postdoctoral Fellow (2004-2005), Dept. Mathematics & Statistics (York University, Canada) & Dept. Biology (Queen's University, Canada)

Postdoctoral Fellow (2001-2003), Dept. Zoology (University of Cambridge, UK)

EDUCATION

University of Cambridge, UK

Ph.D., Biology, 2001 (Advisor: Prof. Christopher A. Gilligan)

University of Dundee, UK

M.S., Mathematical Biology, 1996 (Distinction)

Aston University, UK

B.S., Mathematics & Chemistry, 1994

RESEARCH INTERESTS

Infectious disease ecology, Theoretical epidemiology, Host-parasite biology, Mathematical modeling, Population ecology, Community ecology, Evolutionary theory, Statistical modeling, Cross-species transmission, Macroecology of infectious diseases

EDITORIAL BOARDS

Journal of Applied Ecology (Associate Editor: 2018 – present)

Ecosphere (Associate Editor: 2013 – 2018)

RESEARCH ARTICLES

1. Vilches, T., Bonesso, M., Guerra, H., Fortaleza, C., Park, A.W. & Ferreira, C. 2018. The role of intra and inter-hospital patient transfer in the dissemination of healthcare-associated multidrug-resistant pathogens. *Epidemics*
2. Dallas, T., Han, B.A., Nunn, C.L., Park, A.W., Stephens, P.R. & Drake, J.M. 2018. Host traits associated with species roles in parasite sharing networks. *Oikos*
3. Brett, T.S., O'Dea, E.B., Marty, E., Miller, P.B., Park, A.W., Drake, J.M. & Rohani, P. 2018. Anticipating epidemic transitions with imperfect data. *PLOS Computational Biology*
4. O'Dea, E.B., Park, A.W. & Drake, J.M. 2018. Estimating the distance to an epidemic threshold. *J. Roy. Soc. Interface*

5. Park, A.W., Farrell, M.J., Schmidt, J.P., Huang, S., Dallas, T.A., Pappalardo, P., Drake J.M., Stephens, P.R., Poulin, R., Nunn, C.L. & Davies, T.J. 2018. Characterizing the phylogenetic specialism-generalism spectrum of mammal parasites. *Proc. R. Soc. Lond. B*
6. Dallas, T., Huang, S., Nunn, C.L., Park, A.W. & Drake, J.M. 2017. Estimating parasite host range. *Proc. R. Soc. Lond. B*
7. Dallas, T., Park, A.W. & Drake, J.M. 2017. Predicting cryptic links in host-parasite networks. *PLOS Computational Biology*
8. Stephens, P.R., Pappalardo, P., Huang, S., Byers, J.E., Farrell, M.J., Gehman, A., Ghai, R.R., Haas, S.E., Han, B., Park, A.W., Schmidt, J.P., Altizer, S., Ezenwa, V.O., & Nunn, C.L. 2017. Global Mammal Parasite Database version 2.0. *Ecology*
9. Schmidt, J.P., Park, A.W., Kramer, A., Han, B.A., Alexander, L.W. & Drake, J.M. 2017. Spatiotemporal fluctuations and triggers of Ebolavirus spillover. *Emerging Infectious Diseases*
10. Dallas, T.A., Park, A.W. & Drake J.M. 2017. Predictability of helminth parasite host range using information on geography, host traits and parasite community structure. *Parasitology*
11. Dibble, C.J., O’Dea, E.B., Park, A.W. & Drake, J.M. 2016. Waiting time to infectious disease emergence. *J. Roy. Soc. Interface*
12. Kramer, A., Pulliam, J., Alexander, L., Park, A.W., Rohani, P., & Drake, J.M. 2016. Spatial spread of the West Africa Ebola epidemic. *Roy. Soc. Open Science*
13. Stephens, P.R., Altizer, S., Smith, K., Aguirre, A., Brown, J., Budischak, S., Byers, J.E., Dallas, T.A., Davies, J., Drake, J.M., Ezenwa, V., Farrell, M., Gittleman, J.G., Han, B.A., Huang, S., Hutchinson, R., Johnson, P., Nunn, C., Onstad, D., Park, A.W., Vazquez-Prokopec, G., Schmidt, J.P. & Poulin, R. 2016. The macroecology of infectious diseases: a new perspective on global-scale drivers of pathogen distributions and impacts. *Ecology Letters*
14. Vinson, J.E., Drake, J.M., Rohani, P. & Park, A.W. 2016. The potential for sexual transmission to compromise control of Ebola virus outbreaks. *Biology Letters*
15. Sutherland, K.P., Berry, B., Park, A.W., Kemp, D.W., Kemp, K.M., Lipp, E.K. & Porter J.W. 2016. Shifting white pox etiologies affecting *Acropora palmata* in the Florida Keys, 1994-2014. *Phil. Trans. R. Soc. B.*
16. Park, A.W., Haven, J., Kaplan, R. & Gandon S. 2015. Refugia and the evolutionary epidemiology of drug resistance. *Biology Letters*
17. O’Regan, S.M., Vinson, J.E. & Park, A.W. 2015. Interspecific contact and competition may affect the strength and direction of disease-diversity relationships for directly transmitted microparasites. *American Naturalist*
18. Park, A.W., Cleveland, C.A., Dallas, T.A., & Corn, J.L. 2015. Vector species richness increases hemorrhagic disease prevalence through functional diversity modulating the duration of seasonal transmission. *Parasitology*
19. Drake, J.M, Kaul, R.B., Alexander, L.W., O’Regan, S.M., Kramer, A.M., Pulliam T.J., Ferrari, M.J., & Park, A.W. 2015. Ebola cases and health system demand in Liberia. *PLoS Biology*
20. Han, B.A., Park, A.W., Jolles, A., & Altizer, S. 2015. Infectious disease transmission and behavioral allometry in wild mammals. *J. Anim. Ecol.*

21. Stallknecht, D.E., Allison, A.B., Park, A.W., Phillips, J.E., Goekjian, V.H., Nettles, V.F. & Fishcher, J.R. 2014. Apparent increase of reported and confirmed hemorrhagic disease in the Midwest and Northeast United States. *J. Wildlife Dis.*
22. Park, A.W., Vandekerkhove, J. & Michalakis, Y. 2014. Sex in an uncertain world: environmental stochasticity helps restore competitive balance between sexually and asexually reproducing populations. *J. Evol. Biol.*
23. Haven, J. & Park, A.W. 2013. Superinfection reconciles host-parasite association and cross-species transmission. *Theor. Pop. Biol.*
24. Daly, J.M., Newton, J.R., Wood, J.L.N. & Park, A.W. 2013. What can mathematical models bring to the control of equine influenza?. *Eq. Vet. J.*
25. Magori, K & Park, A.W. 2013. Dynamics of the frequency of immune escape mutants: evolutionary and epidemiological interactions. *J. Math. Biol.*
26. Berry, B.S., Magori, K., Perofsky, A.C., Stallknecht, D.E. & Park, A.W. 2013. Wetland cover dynamics drive hemorrhagic disease patterns in white-tailed deer in the United States. *J. Wildlife Dis.*
27. Park, A.W., Magori, K., White, B.A. & Stallknecht, D.E. 2013. When more transmission equals less disease: reconciling the disconnect between disease hotspots and parasite transmission. *PLoS One*
28. Haven, J., Magori, K. & Park, A.W. 2012. Ecological and inhost factors promoting distinct life-history strategies in Lyme borreliosis. *Epidemics*
29. Park, A.W. 2012. Infectious disease in animal metapopulations: the importance of environmental transmission. *Ecol. Evol.*
30. Park, A.W., Jokela, J. & Michalakis, Y. 2010. Parasites and deleterious mutations: interactions influencing the evolutionary maintenance of sex. *J. Evol. Biol.*
31. Park, A.W., Daly, J.M., Lewis, N.S., Smith, D.J., Wood, J.L.N. & Grenfell, B.T. 2009. Quantifying the impact of immune escape on transmission dynamics of influenza. *Science*
32. Park, A.W. & Glass, K. 2007. Dynamics patterns of avian and human influenza in East and South East Asia. *Lancet Inf. Dis.*
33. Day, T., André, J.B. & Park, A.W. 2006. The evolutionary emergence of pandemic influenza. *Proc. R. Soc. Lond. B*
34. Day, T., Park, A.W., Madras, N., Gumel, A. & Wu, J. 2006. When is quarantine a useful control strategy for emerging infectious diseases? *Am. J. Epidemiology*
35. Park, A.W., Wood, J.L.N., Daly, J.M., Newton, J.R., Glass, K., Henley, W., Mumford, J.A & Grenfell, B.T. 2004. The effects of strain heterology on the epidemiology of equine influenza in a vaccinated population. *Proc. R. Soc. Lond. B*
36. Daly, J.M., Yates, P.J., Newton, J.R., Park, A.W., Henley, W., Wood, J.L.N., Davis-Poynter, N. & Mumford, J.A. 2004. Evidence supporting the inclusion of strains from each of the two co-circulating lineages of H3N8 equine influenza virus in vaccines. *Vaccine*
37. Wood, J.L.N., Kelly, L., Cardwell, J.M. & Park, A.W. 2004. Results of a quantitative assessment of the risks of reducing routine swabbing requirements for the detection of *Taylor equigenitalis*. *Vet. Rec.*
38. Park, A.W., Wood, J.L.N., Newton, J.R., Daly, J.M., Mumford, J.A & Grenfell, B.T. 2003. Optimizing vaccination strategies in equine influenza. *Vaccine*

39. Wood, J.L.N., Newton, J.R., Daly, J.M., Park, A.W. & Mumford, J.A. 2003. It's all in the mix: infection transmission in populations. *Eq. Vet. J.*
40. Park, A.W., Gubbins, S. & Gilligan, C.A. 2002. Extinction times for closed epidemics: the effects of host spatial structure. *Ecology Letters*
41. Park, A.W., Gubbins, S. & Gilligan, C.A. 2001. Invasion and persistence of plant parasites in a spatially structured metapopulation. *Oikos*
42. Davidson, F.A. & Park, A.W. 1998. A mathematical model for fungal development in heterogeneous environments. *Appl. Math. Lett.*

MANUSCRIPTS IN
ADVANCED STAGE

Cleveland, C., Dallas, T.A., Vigil, S., Corn, J.L. & Park, A.W. Metacommunity ecology links environmental drivers to *Culicoides* spp. communities and hemorrhagic disease reports in the southeastern United States (in revision)

Hodgkinson, J., Kaplan, K., Kenyon, F., Morgan, E.R., Park, A.W., Paterson, S. & Devaney, E. Refugia and anthelmintic resistance: concepts and challenges

Pappalardo, P., Morales-Castilla, I., Park, A.W., Huang, S., Schmidt J.P. & Stephens, P.R. Mapping global patterns of parasite diversity (in review)

Park, A.W. The cost of generalism and definitive host diet breadth influence intermediate host specificity in helminth parasites (in revision)

Park, A.W., O'Dea, E.B., Brett, T.S., Ferrari, M.J., Rohani, P. & Drake, J.M. Early warnings of infectious disease outbreaks during interepidemic periods of unpredictable duration: a case study of measles in Niger

OTHER
PUBLICATIONS

Drake, J.M. & Park, A.W. 2016. A model for coupled outbreaks contained by behavior change. In: *Mathematical and Statistical Modeling for Emerging and Re-emerging Infectious Diseases* (Eds: Chowell, G. & Hyman, J.M.) Springer International Publishing Switzerland.

Rivers, C., Alexander, K., Bellan, S., Del Valle, S., Drake, J.M., Eisenberg, J.N.S., Eubank, S., Ferrari, M., Halloran, M.E., Galvani, A., Lewis, B.L., Lewnard, J., Lofgren, E., Macal, C., Marathe, M., Ndeo Mbah, M.L., Ancel Meyers, L., Meza, R., Park, A.W., Porco, T., Scarpino, S.V., Shaman, J., Vespignani, A. & Yang, W. 2014. Ebola: models do more than forecast (letter to the editor). *Nature*

Park, A.W. & Day, T. 2007. Quarantine and isolation. In: *Encyclopedia of Epidemiology*, Sage Publishing.

Newton, J.R., Park, A.W. & Wood, J.L.N. 2004. Maximizing the benefits of vaccination against equine influenza. In: *Equine respiratory diseases* (Ed: Lekeux, P.) IVIS Ithaca New York.

Park, A.W., Wood, J.L.N., Newton, J.R., Daly, J., Mumford, J.A., Glass, K. & Grenfell, B.T. 2002. Modelling equine influenza: epidemiology, vaccination, spatial spread and strain variation. *Proc. Soc. Vet. Epidem. Prev. Med.*

Park, A.W. 1998. Plants fight back against fungi. *Trends Plant Sci.*

RESEARCH
GRANTS

2009-2013 McDonnell Foundation (Complex Systems) *Transient pathogen evolution in heterogeneous host populations* Sole PI \$450,000

2010-2015 National Science Foundation (Ecology & Evolution of Infectious Diseases) *Ecology of a reverse zoonosis: human-environment interactions in the transmission, persistence, and virulence of white pox disease in elkhorn coral* Co-PI \$2.3M (PI: J.Porter, Co-PIs: J. Wares, E. Lipp, K. Sutherland)

2013-2017 National Science Foundation (Research Coordination Network) *The macroecology of infectious diseases* Core participant \$500,000 (PI: P. Stephens)

2013-2015 Zoetis *Mathematical modeling of heartworm transmission, drug resistance and intervention* Co-PI \$41,541 (PI: R. Kaplan)

2013-2014 UGA One Health seed grant *The ecology of leptospirosis* Lead PI \$5,000 (Co-PI: S. Rajeev)

2014-2019 National Institutes of Health (R01) *Forecasting tipping points in emerging and re-emerging infectious diseases* Co-PI \$3.2M (PI: J. Drake, Co-PIs: B. Epureanu, M. Ferrari, P. Rohani)

2015 National Science Foundation (Rapid Award) *Fitting ebola multi-type branching process models to data* Sole PI \$58,000

2016-2019 BBSRC (United States-UK Partnering Award) *Co-infection and resistance (CORE)* Co-PI (US) £49,898 (PI: E. Devaney)

2017-2018 Carter Center *Investigating the spatial and temporal drivers of *Dracunculus medinensis* epidemiology in Chad* Co-PI \$90,362 (Co-PIs: V. Ezenwa, R. Hall)

2018-2020 National Science Foundation (Population & Community Ecology) *The macroecology of parasites of invasive host species* Sole PI \$185,192

TRAINING &
OUTREACH
GRANTS

2012-2015 National Science Foundation (Research Experience for Undergraduates Site Award) *Population biology of infectious diseases* Senior personnel \$283,500 (PI: J. Drake)

2012 National Science Foundation (Research Experience for Undergraduates Project Award) *Water quality patterns and coral disease processes in the Florida Keys* Co-PI \$9,000 (PI: J. Porter)

2014-2017 National Institutes of Health (Training Award) *Post-baccalaureate training in infectious disease research* Key personnel \$1.59M (PIs: J. Moore, M. Tompkins)

2015 National Science Foundation (Ecology & Evolution of Infectious Diseases) *Conference Support for Ecology and Evolution of Infectious Diseases international conference 2015* Co-PI \$6,000 (Co-PI: S. Altizer)

2017-2022 National Science Foundation (Research Experience for Undergraduates Site Award) *Population biology of infectious diseases* Senior personnel \$558,756 (PI: J. Drake)

TEACHING

Population and community ecology (ECOL 4000/6000)
Fall: 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018

Population biology of infectious diseases (ECOL/BIOL 4150L/6150L)
Spring: 2010, 2011, 2012, 2014, 2015, 2016, 2017

Modeling infectious diseases (EPID/ECOL/IDIS 8515L)
Fall: 2009

Cross disciplinary ecology (ECOL 8030)
Fall: 2010

Ecology and evolution of infectious diseases (IDIS 8050)
Fall: 2011, 2013, 2015, 2018

Research methods in disease ecology (ECOL 8140L)
Fall: 2012

Topics in modern ecology (ECOL 8000)
Fall: 2016, 2017

Fundamentals of disease biology (ECOL 8510L)

Fall: 2016, 2017

Vaccines: From design to development (IDIS 8020)

Fall: 2016, 2017

FYOS: Understanding and communicating uncertainty

Spring: 2017

THESES
DIRECTED

Chris Cleveland, MS Population Health, 2015

Brett Berry, MS Ecology, 2016

Ashton Griffin, PhD Ecology, 2018

Annakate Schatz, MS Ecology, expected 2020

John Vinson PhD Ecology, expected 2019

David Vasquez, PhD Ecology, expected 2021

THESIS
COMMITTEES

Emily Bertucci, PhD Ecology (advisor: Ben Parrott, ongoing)

Amy Briggs, PhD Ecology (advisor: Craig Osenberg, ongoing)

Mary Browning, MS Genetics (advisor: Nancy Manley, completed)

Sarah Bowden, PhD Ecology (advisor: John Drake, completed)

Austin Coleman, MS Ecology (advisor: Stacey Lance, completed)

Tad Dallas, PhD Ecology (advisor: John Drake, completed)

Ming Fung, MS Pathology (advisor: Nicole Gottdenker, completed)

Elizabeth Hamman, PhD Ecology (advisor: Craig Osenberg, completed)

Reni Kaul, PhD Ecology (advisor: John Drake, ongoing)

Shamus Keeler, PhD Population Health (advisor: Dave Stallknecht, completed)

Yan Li, PhD Public Health (advisor: Andreas Handel, completed)

Paige Miller, PhD Ecology (advisor: John Drake, ongoing)

Robbie Richards, PhD Ecology (advisor: John Drake, Vanessa Ezenwa, ongoing)

Dara Satterfield, PhD Ecology (advisor: Sonia Altizer, completed)

Kathryn Worsley-Tonks, MS Ecology (advisor: Vanessa Ezenwa, completed)

Nibiao Zheng, PhD Public Health (advisor: Andreas Handel, completed)

ADDITIONAL
GRADUATE
MENTORSHIP

2017 John Vinson: Teaching certificate (developing calculus curriculum for life sciences majors)

POSTDOCTORAL
MENTORSHIP

2010-2012 Krisztian Magori: Modeling, Hemorrhagic disease, Vaccine escape, Cross-species transmission

2011-2014 James Haven: Modeling, Lyme disease, Parasite generalism vs specialism

2013-2014 Suzanne O'Regan: Mathematical modeling of infectious diseases, Theoretical development of disease-diversity relationships

2015 Chris Dibble: Bifurcation delay in infectious disease systems at critical points (joint with John Drake)

2015-present Eamon O'Dea: Modeling infectious diseases at critical points (joint with John Drake)

UNDERGRADUATE
MENTORSHIP

- 2009 Amanda Perofsky: Spatio-temporal dynamics of epizootic hemorrhagic disease (research assistant)
- 2010 Ashton Griffin: Spatial tracking of infectious diseases (directed reading)
- 2010 Elliot Rickett: Population and community ecology (directed reading)
- 2010 Brad White: Effect of deer density on spread of viral epizootic hemorrhagic disease (research credit)
- 2011 Brett Berry: The effects of land use changes on epizootic hemorrhagic disease over a 30-year period in the US (research credit)
- 2011 Kamran Mohammad: Synthesis of empirical data and theoretical techniques to establish rate of emergence of drug resistance in macroparasites (research credit)
- 2011 Kamran Mohammad: Host demography and epidemic size variability of influenza outbreak (research credit)
- 2011 Brad White: Modeling the ecological niche of *Culicoides* species (research credit)
- 2012 Matt Foretitch: Ecological models and data in R (directed reading)
- 2012 Scott Saunders: Predicting the effect of climate change on the distribution of invasive Lyme disease strains (research credit)
- 2012 Laura Alexander: Understanding the role of vector overwintering on the dynamics of epizootic hemorrhagic disease (research credit)
- 2013 Paige Miller: The perfect storm - factors that lead to increased transmission and resistance emergence of heartworm in the US (NSF REU summer student)
- 2013 Javier Alarcon-Valenzuela: The role of biodiversity in predicting pathogenic *Leptospira* species prevalence in the state of Georgia (foreign exchange student)
- 2014 Laura Alexander: Spatial spread of Ebola virus in West Africa (research assistant)
- 2015 John Roquet: Biodiversity and disease - variation of West Nile virus outbreaks (research credit)
- 2017 Jenna Lea: Analysis of tick and tick-borne parasite sharing in terrestrial mammals (research credit)
- 2017 Keri-Niyia Cooper: Parasite sharing in marine and terrestrial mammals (NSF REU summer student)

FELLOWSHIPS &
AWARDS

- 2005 International Visiting Fellowship - Australian National University (~\$5,000)
- 2010 President's Venture Fund UGA - Computational Ecology Workshops (\$3,000)
- 2011 John M. Bowen award for excellence in biomedical research (\$1,000, UGA award for developing an extramurally funded research program)
- 2011 UGA Lilly Fellowship (\$2,000, one of 10 tenure-track faculty selected into 2-year program for excellence in instruction)
- 2012 Odum School of Ecology undergraduate instruction award
- 2014 Michael F. Adams Early Career Scholar Award (\$2,000, Recognition by UGA of outstanding accomplishment and evidence of potential future success in scholarship, creative work or research by an early career faculty member in any discipline - up to one scholar per year)

INVITATIONS

- 2010 Invited speaker at Emory University Graduate Student Association, Population Biology, Ecology & Evolution Seminar, Atlanta, GA
- 2011 Invited participant and speaker at Phylogenetics workshop, NESCENT, Durham, NC
- 2011 Invited participant and speaker at UGA & University of Liverpool Biomedical Sciences joint initiative, Atlanta, GA
- 2012 Invited participant and speaker at Mathematical Biosciences Institute Workshop on Evolution and spread of infectious diseases, Columbus, OH
- 2012 Invited speaker at Institute of Bioinformatics Modeling Symposium, UGA
- 2013 Invited speaker at University of Michigan, Ecology, Evolution and Behavior (post-doctoral associates annual invitation), Ann Arbor, MI
- 2013 Research presentation at Fayetteville State University, to raise awareness of UGA's REU site Population Biology of Infectious Diseases, Fayetteville, NC
- 2015 Invited speaker at Georgia Tech Ebola Workshop, Atlanta, GA
- 2015 Invited speaker at Tulane University, Ecology and Evolution Seminar, New Orleans, LA
- 2015 Invited keynote speaker at American Society of Veterinary Pathology, Boston, MA
- 2017 Invited speaker at North Carolina State University, Entomology & Plant Pathology Seminar, Raleigh, NC
- 2017 Invited speaker at Triangle Center for Evolutionary Medicine (TriCEM), Durham, NC
- 2018 Invited speaker at University of Nebraska, Biological Sciences Seminar, Lincoln, NE
- 2018 Invited participant and speaker at Mathematical Biosciences Institute Workshop on Socioepidemiology, Columbus, OH
- 2018 Invited speaker at Drug Resistance and Refugia workshop, Glasgow, UK
- 2018 Invited participant at Gates Foundation Guinea worm eradication meeting, Seattle, WA
- 2018 Invited symposium organizer at Evolution, Montpellier, France

SERVICE

- 2009-present Odum School of Ecology Graduate Committee, UGA
- 2009-2013 Interdisciplinary Life Sciences Executive Committee, UGA
- 2009-2011 Faculty of Infectious Diseases Executive Committee, UGA
- 2010 Department of Infectious Diseases 5-year planning committee, UGA (ad-hoc)
- 2011 Faculty delegate, UGA Teaching Symposium.
- 2011 Coordinator of Enthusiasts of Diversity, Genetics & Evolution seminar series, UGA
- 2011 Search committee Graduate advisor position, Odum School of Ecology, UGA
- 2012 Search committee Faculty position, Odum School of Ecology, UGA
- 2013 Search committee Faculty position, Dept. Plant Biology, UGA
- 2013 Coordinator, Spring seminar series, Dept. Infectious Diseases, College of Veterinary Medicine, UGA
- 2014 Search committee chair Faculty position, Odum School of Ecology and College of Veterinary Medicine, UGA

2014-2015 Co-chair Ecology and Evolution of Infectious Diseases 13th International Conference Steering committee

2015-present Faculty mentor (committee member) to Dr. Murdock, UGA

2015 Post-tenure review committee for Prof. Tompkins, Infectious Disease Dept., UGA

2015-present IDEAS admissions committee, UGA

2015-present IDEAS executive committee, UGA

2016-2017 Center for Ecology of Infectious Diseases advisory board, UGA

2017-2018 Bylaws & Governance Committee, Odum School of Ecology, UGA

2018-present University-wide data literacy committee, UGA

2018-present Faculty mentor to Dr. Sasaki, UGA

2018 Search committee Graduate advisor position, Odum School of Ecology, UGA