

Andrew W. Park

CONTACT INFORMATION

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ACADEMIC HISTORY

PRESENT RANK	Professor, University of Georgia (2021 – present)
ALLOCATION OF EFFORT (% TIME)	60% Scholarship (0.449 EFT), 33% Teaching (0.248 EFT), 7% Service (0.053 EFT)
ASSIGNMENTS	
TENURE STATUS	Tenured (2014)
HIGHEST DEGREE	PhD Biology, University of Cambridge, UK, 2001
GRADUATE FACULTY STATUS	Current
EDUCATION	<p>Undergraduate, Aston University, UK <i>B.S., Mathematics & Chemistry, 1991-1994</i></p> <p>Masters graduate student, University of Dundee, UK <i>M.S., Mathematical Biology, 1995-1996 (Distinction)</i></p> <p>PhD graduate student, University of Cambridge, UK <i>Ph.D., Biology, 1996-2001 (Advisor: Prof. Christopher A. Gilligan)</i></p>
ACADEMIC POSITIONS	<p>Postdoctoral Fellow (2001-2003), Dept. Zoology (University of Cambridge, UK)</p> <p>Postdoctoral Fellow (2004-2005), Dept. Mathematics & Statistics (York University, Canada) & Dept. Biology (Queen's University, Canada)</p> <p>Visiting Fellow (2005) Australian National University</p> <p>Postdoctoral Fellow (2005-2008), Swiss Federal Institute for Aquatic Science and Technology (Zürich, Switzerland) & Institut de Recherche pour le Développement (Montpellier, France)</p> <p>Assistant Professor, University of Georgia (2008-2014)</p> <p>Associate Professor, University of Georgia (2014-2021)</p> <p>Professor, University of Georgia (2021 – present)</p> <ul style="list-style-type: none">• 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)• Bimodal Health Sciences Institute (2014 – present)• Center for the Ecology of Infectious Diseases (2015 – present)
POSTGRADUATE AWARDS	2005 International Visiting Fellowship - Australian National University (\$5,000)

RESEARCH FUNDING

RECOGNITION FOR EXCELLENCE IN RESEARCH	2011 John M. Bowen Award for Excellence in Biomedical Research (\$1,000, UGA award for developing an extramurally funded research program)
	2014 President 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)
RESEARCH GRANTS	<p>2025-2028 National Institutes of Health <i>Beyond discovery: bat behavior and virus shedding as drivers of spillover risk</i> PI: K. Forbes (U. Arkansas), Co-PIs: D. Becker, T. Lunn, A. Park (Total \$1.76M, amount to Park \$246,683 - Park joined team after Year 1 following subaward rebudgeting)</p> <p>2021-2027 National Institutes of Health <i>Center for Influenza Disease and Emergency Research (CIDER)</i> PI: M. Tompkins, Park is a Co-Investigator (Total \$7M)</p> <p>2020-2026 USDA-NIFA (Interagency Ecology & Evolution of Infectious Diseases RFA) & BBSRC US-UK Collab: <i>The evolutionary ecology of pathogen emergence via cross-species transmission in the avian-equine influenza system</i> PI (US): A. Park (US Total \$1.06M), PI (UK): P. Murcia, Co-PIs: D. Perez, D. Rajao, M. Viana</p> <p>2018-2021 National Science Foundation (Population & Community Ecology) <i>The macroecology of parasites of invasive host species</i> Sole PI (Total and amount to Park \$185,192)</p> <p>2017-2018 Carter Center <i>Investigating the spatial and temporal drivers of Dracunculus medinensis epidemiology in Chad</i> PI: M. Yabsley, Co-PIs: A. Park, V. Ezenwa, R. Hall (Total \$90,362, amount to Park \$22,658)</p> <p>2015 National Science Foundation (Rapid Award) <i>Fitting ebola multi-type branching process models to data</i> Sole PI (Total and amount to Park \$58,021)</p> <p>2014-2019 National Institutes of Health (R01) <i>Forecasting tipping points in emerging and re-emerging infectious diseases</i> PI: J. Drake, Co-PIs: A. Park, B. Epureanu, M. Ferrari, P. Rohani (Total \$3.2M, amount to Park \$966,486)</p> <p>2013-2014 UGA One Health seed grant <i>The ecology of leptospirosis</i> PI: A. Park, Co-PI: S. Rajeev (Total \$5,000, amount to Park \$4,500)</p> <p>2013-2015 Zoetis <i>Mathematical modeling of heartworm transmission, drug resistance and intervention</i> PI: R. Kaplan, Co-PI: A. Park (Total \$41,541, amount to Park \$20,770)</p> <p>2010-2015 National Science Foundation (Ecology & Evolution of Infectious Diseases) <i>Ecology of a reverse zoonosis: human-environment interactions in the transmission, persistence, and virulence of white pox disease in elkhorn coral</i> PI: J. Porter, Co-PIs: A. Park, J. Wares, E. Lipp, K. Sutherland (Total \$2.3M, amount to Park \$166,173)</p> <p>2009-2013 McDonnell Foundation (Complex Systems) <i>Transient pathogen evolution in heterogeneous host populations</i> Sole PI (Total and amount to Park \$462,828)</p>
RESEARCH GRANTS (SUPPORTING ROLE)	<p>2016-2019 BBSRC (United States-UK Partnering Award) <i>Co-infection and resistance (CORE)</i> PI: E. Devaney, Park was a core participant and assisted in grant writing (Total £49,898, amount to Park \$0)</p> <p>2013-2017 National Science Foundation (Research Coordination Network) <i>The macroecology of infectious diseases</i> PI: P. Stephens, Park was a core participant and assisted in grant writing (Total \$500,000, amount to Park \$0)</p>

SCHOLARLY ACTIVITIES

BOOK CHAPTERS

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
(doi: 10.1007/978-3-319-40413-4_3)

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
(doi: <https://www.ivis.org/library/equine-respiratory-diseases/maximizing-benefits-of-vaccination-against-equine-influenza>)

JOURNAL ARTICLES

[†] Denotes senior authorship of multi-author papers; ^{*} Denotes mentee authorship. Unless otherwise stated, all works are peer-reviewed, original research.

65. Park[†], A.W., Cressler, C.E., Dallas, T.A., Farrell, M.J., Huang, S., Pedersen, A.B & Varney, R. 2025. Costs of parasite generalism revealed by abundance patterns across mammalian hosts. *Proc. R. Soc. Lond. B*
(doi: 10.1098/rspb.2025.1157)

64. Molinero^{*}, C., Brown, C.H., Odom^{*}, T.L., Suh^{*}, D.C. & Park[†], A.W. 2025. Bird community composition, migration, and environmental factors jointly influence the global distribution of avian haemosporidian lineages. *Integr. Zool.*
(doi: 10.1111/1749-4877.70004)

63. Odom^{*}, T.L., Park, A.W., Cook, J.A., Dunnum, J.L., Liphardt, S.W., Derieg, K.M., Parsons, D.J., McLean, B.S. & Greiman, S.E. 2025. Seasonal succession of cestode metacommunities in museum collections of two North American shrews (*Sorex* spp.) *J. Parasitol.*
(doi: 10.1645/24-45, in press)

62. Schatz^{*}, A.M. & Park[†], A.W. 2025. Evidence for the vacated niche hypothesis in parasites of invasive mammals. *Ecol. Evol.*
(doi: 10.1002/ece3.70959)

61. Damdinjav, B., Raveendran, S., Mojsiejczuk, L., Ankhanbaatar, U., Yang, J., Sadeyen, J., Iqbal, M., Perez, D.R., Rajao, D.S., Park, A.W., Viana, M. & Murcia, P.R. 2024. Evidence of influenza A (H5N1) spillover infections in horses, Mongolia. *Emerg. Infect. Dis.*
(doi: 10.3201/eid3101.241266)

60. Suh^{*}, D.C, Lance, S.L. & Park[†], A.W. 2024. Abiotic and biotic factors jointly influence the contact and environmental transmission of a generalist pathogen. *Ecol. Evol.*
(doi: 10.1002/ece3.70167)

59. Schatz^{*}, A.M. & Park[†], A.W. 2023. Patterns of host-parasite co-invasion promote enemy release and specialist parasite spillover. *J. Anim. Ecol.*
(doi: 10.1111/1365-2656.13910)

58. Sutherland, K.P., Griffin^{*}, A.P., Park, A.W., Heron, S.F., Eakin, C.M., Berry^{*}, B., Kemp, D.W., Kemp, K.M., Lipp, E.K., Wares, J.P., & Porter, J.W. 2023. Twenty-year record of white pox disease in the Florida Keys: Importance of demographics and environmental risk factors as drivers of coral health. *Dis. Aquat. Org.*
(doi: 10.3354/dao03727)

57. Cleveland*, C.A., Dallas, T.A., Vigil, S., Mead, D.G., Corn, J.L. & Park[†], A.W. 2023. Vector communities under global change may exacerbate and redistribute infectious disease risk. *Parasitol. Res.* (doi: 10.1007/s00436-023-07799-2)

56. Tredennick, A.T., O'Dea, E.B., Ferrari, M.J., Park, A.W., Rohani, P. & Drake, J.M. 2022. Anticipating infectious disease re-emergence and elimination: a test of early warning signals using empirically based models. *J. Roy. Soc. Interface* (doi: 10.1098/rsif.2022.0123)

55. Farrell, M.J., Park, A.W., Cressler, C.E., Dallas, T., Huang S., Mideo, N., Morales-Castilla, I., Davies, T.J. & Stephens P. 2021. The ghost of hosts past: impacts of host extinction on parasite specificity. *Phil. Trans. R. Soc. B* (doi: 10.1098/rstb.2020.0351)

54. Vinson*, J.E., Park, A.W., Cleveland, C.A., Yabsley, M.J., Ezenwa, V.O. & Hall, R.J. 2021. Alternative transmission pathways for guinea worm in dogs: implications for outbreak risk and control. *Int. J. Parasitol.* (doi: 10.1016/j.ijpara.2021.05.005)

53. Schatz*, A.M. & Park[†], A.W. 2021. Host and parasite traits predict cross-species parasite acquisition by introduced mammals. *Proc. R. Soc. Lond. B* (doi: 10.1098/rspb.2021.0341)

52. Taylor, K., Wilson, J.J., Park, A.W., Nemeth, N.M. Yabsley, M.J., Fenton, H., Keel, M.K. & Gottdenker, N.L. 2021. Temporal and spatial patterns in Canine Distemper Virus cases in wildlife diagnosed at the Southeastern Cooperative Wildlife Disease Study (SCWDS), 1975-2019. *J. Wildlife Dis.* (doi: 10.7589/JWD-D-20-00212)

51. Park, A.W. 2020. Trip duration modifies spatial spread of infectious diseases (peer-reviewed invited commentary). *PNAS* (doi: 10.1073/pnas.2015730117)

50. Richards, R.L., Cleveland, C.A., Hall, R.J., Tchindebet Ouakou, P., Park, A.W., Ruiz-Tiben, E., Weiss, A., Yabsley, M.J. & Ezenwa, V.O. 2020. Identifying correlates of Guinea worm (*Dracunculus medinensis*) infection in domestic dog populations. *PLoS Neglected Tropical Diseases* (doi: 10.1371/journal.pntd.0008620)

49. Park, A.W. & Ezenwa, V.O. 2020. Characterizing interactions between co-infecting parasites using age-intensity profiles. *Int. J. Parasitol.* (doi: 10.1016/j.ijpara.2019.11.001)

48. Park, A.W. 2019. Phylogenetic aggregation increases zoonotic potential of mammalian viruses. *Biol. Lett.* (doi: 10.1098/rsbl.2019.0668)

47. Vinson*, J.E. & Park[†], A.W. 2019. Vector-borne parasite invasion in communities across space and time. *Proc. R. Soc. Lond. B* (doi: 10.1098/rspb.2019.2614)

46. Pappalardo, P., Morales-Castilla, I., Park, A.W., Huang, S., Schmidt J.P. & Stephens, P.R. 2019. Comparing methods for mapping global parasite diversity. *Global Ecology & Biogeog.* (doi: 10.1111/geb.13008)

45. Park, A.W. 2019. Food web structure selects for parasite host range. *Proc. R. Soc. Lond. B* (doi: 10.1098/rspb.2019.1277)

44. Hodgkinson, J.E., Kaplan, R.M., Kenyon, F., Morgan, E.R., Park, A.W., Patterson, S., Babayan, S.A., Beesley, N.J., Britton, C., Chaudray, U., Doyle, S.R., Ezenwa, V.O., Fenton, A., Howell, S.B., Laing, R., Mable, B.K., Matthews, L., McIntyre, J., Milne, C.E., Morrison, T.A., Prentice, J.C., Sargison, N.D., Williams, D.J.L., Wolstenholme, A.J. & Devaney, E. 2019. Refugia and an-thelmintic resistance: Concepts and challenges. *Int. J. Parasitol.: Drugs & Drug Res.*
(doi: 10.1016/j.ijpddr.2019.05.001)

43. Drake, J.M., Brett, T.S., Chen, S., Epureanu, B.I., Ferrari, M.J., Marty, E., Miller P.B., O'Dea*, E.B., O'Regan, S.M., Park, A.W. & Rohani P. 2019. The statistics of epidemic transitions. *PLoS Computational Biology*
(doi: 10.1371/journal.pcbi.1006917)

42. Vilches, T., Bonesso, M., Guerra, H., Fortaleza, C., Park, A.W. & Ferreira, C. 2019. The role of intra and inter-hospital patient transfer in the dissemination of healthcare-associated multidrug-resistant pathogens. *Epidemics*
(doi: 10.1016/j.epidem.2018.11.001)

41. 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*
(doi: 10.1111/oik.05602)

40. 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*
(doi: 10.1371/journal.pcbi.1006204)

39. O'Dea*, E.B., Park, A.W. & Drake, J.M. 2018. Estimating the distance to an epidemic threshold. *J. Roy. Soc. Interface*
(doi: 10.1098/rsif.2018.0034)

38. 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*
(doi: 10.1098/rspb.2017.2613)

37. Dallas, T., Huang, S., Nunn, C.L., Park, A.W. & Drake, J.M. 2017. Estimating parasite host range. *Proc. R. Soc. Lond. B*
(doi: 10.1098/rspb.2017.1250)

36. Dallas, T., Park, A.W. & Drake, J.M. 2017. Predicting cryptic links in host-parasite networks. *PLoS Computational Biology*
(doi: 10.1371/journal.pcbi.1005557)

35. 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*
(doi: 10.1002/ecy.1799)

34. 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*
(doi: 10.3201/eid2303.160101)

33. 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*
 (doi: 10.1017/S0031182016001608)

32. Dibble*, C.J., O'Dea*, E.B., Park, A.W. & Drake, J.M. 2016. Waiting time to infectious disease emergence. *J. Roy. Soc. Interface*
 (doi: 10.1098/rsif.2016.0540)
31. 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*
 (doi: 10.1098/rsos.160294)
30. 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*
 (doi: 10.1111/ele.12644)
29. 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*
 (doi: 10.1098/rsbl.2015.1079)
28. 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.*
 (doi: 10.1098/rstb.2015.0205)
27. Park, A.W., Haven*, J., Kaplan, R. & Gandon S. 2015. Refugia and the evolutionary epidemiology of drug resistance. *Biology Letters*
 (doi: 10.1098/rsbl.2015.0783)
26. 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*
 (doi: doi.org/10.1086/682721)
25. 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*
 (doi: 10.1017/S0031182015000578)
24. 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*
 (doi: 10.1371/journal.pbio.1002056)
23. Han, B.A., Park, A.W., Jolles, A., & Altizer, S. 2015. Infectious disease transmission and behavioral allometry in wild mammals. *J. Anim. Ecol.*
 (doi: 10.1111/1365-2656.12336)
22. Stallknecht, D.E., Allison, A.B., Park, A.W., Phillips, J.E., Goekjian, V.H., Netles, V.F. & Fishcher, J.R. 2014. Apparent increase of reported and confirmed hemorrhagic disease in the Midwest and Northeast United States. *J. Wildlife Dis.*
 (doi: 10.7589/2013-12-330)
21. Park, A.W., Vandekerckhove, J. & Michalakis, Y. 2014. Sex in an uncertain world: environmental stochasticity helps restore competitive balance between sexually

and asexually reproducing populations. *J. Evol. Biol.*
(doi: 10.1111/jeb.12419)

20. Haven*, J. & Park†, A.W. 2013. Superinfection reconciles host-parasite association and cross-species transmission. *Theor. Pop. Biol.*
(doi: 10.1016/j.tpb.2013.09.015)
19. 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.*
(doi: 10.1111/evj.12104)
18. Magori*, K & Park†, A.W. 2013. The evolutionary consequences of alternative types of imperfect vaccines. *J. Math. Biol.*
(doi: 10.1007/s00285-013-0654-x)
17. 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.*
(doi: 10.7589/2012-11-283)
16. 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*
(doi: 10.1371/journal.pone.0061501)
15. Haven*, J., Magori*, K. & Park†, A.W. 2012. Ecological and inhost factors promoting distinct life-history strategies in Lyme borreliosis. *Epidemics*
(doi: 10.1016/j.epidem.2012.07.001)
14. Park, A.W. 2012. Infectious disease in animal metapopulations: the importance of environmental transmission. *Ecol. Evol.*
(doi: 10.1002/ece3.257)
13. Park, A.W., Jokela, J. & Michalakis, Y. 2010. Parasites and deleterious mutations: interactions influencing the evolutionary maintenance of sex. *J. Evol. Biol.*
(doi: 10.1111/j.1420-9101.2010.01972.x)
12. 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*
(doi: 10.1126/science.1175980)
11. Park, A.W. & Glass, K. 2007. Dynamic patterns of avian and human influenza in East and South East Asia. *Lancet Inf. Dis.*
(doi: 10.1016/S1473-3099(07)70186-X)
10. Day, T., André, J.B. & Park, A.W. 2006. The evolutionary emergence of pandemic influenza. *Proc. R. Soc. Lond. B*
(doi: 10.1098/rspb.2006.3638)
9. 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*
(doi: 10.1093/aje/kwj056)
8. 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 heterogeneity on the epidemiology of equine influenza in a vaccinated population. *Proc. R. Soc. Lond. B*
(doi: 10.1098/rspb.2004.2766)

7. 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* (doi: 10.1016/j.vaccine.2004.02.048)
6. 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.* (doi: 10.1136/vr.157.2.41)
5. 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* (doi: 10.1016/s0264-410x(03)00156-7)
4. 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.* (doi: 10.2746/042516403775467315)
3. Park, A.W., Gubbins, S. & Gilligan, C.A. 2002. Extinction times for closed epidemics: the effects of host spatial structure. *Ecology Letters* (doi: 10.1046/j.1461-0248.2002.00378.x)
2. Park, A.W., Gubbins, S. & Gilligan, C.A. 2001. Invasion and persistence of plant parasites in a spatially structured metapopulation. *Oikos* (doi: 10.1034/j.1600-0706.2001.10489.x)
1. Davidson, F.A. & Park, A.W. 1998. A mathematical model for fungal development in heterogeneous environments. *Appl. Math. Lett.* (doi: 10.1016/S0893-9659(98)00102-5)

COMPLETED
MANUSCRIPT
DRAFTS
(IN REVISION &
IN REVIEW)

Lance, S.L., Coleman, A., Capps, K.A., Scott, D.E. & Park, A.W. Environmental factors and community ecology drive patterns of ranavirus infections (in revision).
Park[†], A.W., Dátilo, W., Rubio-Godoy, M. & Pérez-Ponce de León, G. Evolutionary distinctiveness and parasite specificity determine infection of non-native fish (in review).
Sanchez Gonzalez, I., Park, A.W. & Capps, K.A. Trait-based drivers of host specificity in freshwater mussel-fish parasitic interactions (in review).
Imrie, R.M., Bissett, L.A., Raveendran, S., Manali, M., Amat, J.A.R., Mojsiejczuk, L., Logan, N., Park, A.W., Baguelin, M., Viana, M., Willett, B.J. & Murcia, P.R. Post-pandemic changes in population immunity have reduced the likelihood of emergence of zoonotic coronaviruses (in review).

LETTERS TO
EDITORS

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* (doi: 10.1038/515492a)

ENCYCLOPEDIA
ENTRIES

Park, A.W. & Day, T. 2007. Quarantine and isolation. In: *Encyclopedia of Epidemiology*, Sage Publishing. (doi: 10.4135/9781412953948.n383)

CONFERENCE PROCEEDINGS	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. <i>Proc. Soc. Vet. Epidemiol. Prev. Med.</i> (ISBN 0 948073 54 3, pp: 48-60)
INVITED REVIEWS	Park, A.W. 1998. Plants fight back against fungi. <i>Trends Plant Sci.</i> (doi: 10.1016/S1360-1385(98)01300-4)
INVITED PRESENTATIONS	<p>2010 Invited speaker at Emory University Graduate Student Association, Population Biology, Ecology & Evolution seminar, Atlanta, GA</p> <p>2011 Invited participant and speaker at Phylodynamics workshop, NESCENT, Durham, NC</p> <p>2011 Invited participant and speaker at UGA & University of Liverpool Biomedical Sciences joint initiative, Atlanta, GA</p> <p>2012 Invited participant and speaker at Mathematical Biosciences Institute Workshop on Evolution and spread of infectious diseases, Columbus, OH</p> <p>2012 Invited speaker at Institute of Bioinformatics modeling symposium, UGA</p> <p>2013 Invited speaker at University of Michigan, Ecology, Evolution and Behavior (post-doctoral associate's annual invitation), Ann Arbor, MI</p> <p>2013 Research presentation at Fayetteville State University, to raise awareness of UGA's REU site Population Biology of Infectious Diseases, Fayetteville, NC</p> <p>2015 Invited speaker at Georgia Tech Ebola Workshop, Atlanta, GA</p> <p>2015 Invited speaker at Tulane University, Ecology and Evolution seminar, New Orleans, LA</p> <p>2015 Invited keynote speaker at American Association of Veterinary Parasitologists, Boston, MA</p> <p>2017 Invited speaker at North Carolina State University, Entomology & Plant Pathology seminar, Raleigh, NC</p> <p>2017 Invited speaker at Triangle Center for Evolutionary Medicine (TriCEM), Durham, NC</p> <p>2018 Invited speaker at University of Nebraska, Biological Sciences seminar, Lincoln, NE</p> <p>2018 Invited participant and speaker at Mathematical Biosciences Institute Workshop on Socioepidemiology, Columbus, OH</p> <p>2018 Invited speaker at Drug Resistance and Refugia workshop, Glasgow, UK</p> <p>2018 Invited participant at Gates Foundation Guinea worm eradication meeting, Seattle, WA</p> <p>2018 Invited symposium organizer at Evolution, Montpellier, France</p> <p>2019 Invited speaker at Pathogens gone global: Disease ecology & evolution in a changing world, Duke University, NC</p> <p>2020 Invited speaker at UC Berkeley EEID seminar series, UC Berkeley, CA (live video)</p> <p>2022 Invited speaker at University of South Carolina, Biology seminar, Columbia, SC</p> <p>2022 Invited speaker at University of Glasgow 'Landscape, Pasture & Parasites' UK meeting (live video)</p> <p>2024 Invited Speaker at University of Glasgow, Disease Ecology Group, UK</p>

SOCIETY
CONFERENCE
PRESENTATIONS

2005 Quantifying the impact of immune escape on transmission dynamics of influenza, Ecological Society of America (Montreal, Canada)

2007 Ploidy, parasites and deleterious mutations: interactions influencing the evolutionary maintenance of sex, European Society for Evolutionary Biology (Upsala, Sweden)

2009 Parasites and deleterious mutations: interactions influencing the evolutionary maintenance of sex, Ecological Society of America (Albuquerque, NM)

2010 Parasites and deleterious mutations: interactions influencing the evolutionary maintenance of sex, American Society for the Study of Evolution (Portland, OR)

2011 Sex in an uncertain world: Unpredictable environments restore competitive balance between sexually and asexually reproducing populations, Ecological Society of America (Austin, TX)

2013 Trouble where you least expect it: Causes and consequences of disconnects between transmission and disease hotspots in a vector-borne wildlife disease, Ecology & Evolution of Infectious Diseases (Penn State, PA)

2017 Phylogenetic generalism in mammal parasites, Ecological Society of America (Portland, OR)

2018 Population biology of infectious diseases, special session on education, Ecology & Evolution of Infectious Diseases (Glasgow, Scotland)

2018 The cost of generalism and definitive host diet breadth influence intermediate host specificity in helminth parasites, Evolution (Montpellier, France)

2019 Food webs select for parasite specificity, British Ecological Society Macroecology Special Interest Group (Cornwall, England)

2019 Phylogenetic aggregation increases zoonotic potential of mammalian viruses, British Ecological Society (Belfast, Northern Ireland)

2021 The evolutionary ecology of pathogen emergence via cross-species transmission in the avian-equine influenza system, The Conference of Research Workers in Animal Diseases (Chicago, IL)

2023 Field surveillance of influenza virus infection of equine populations in Mongolia during Summer and Fall 2021, The Conference of Research Workers in Animal Diseases (Chicago, IL)

2023 Costs of parasite generalism revealed by abundance patterns across mammalian hosts, British Ecological Society (Belfast, Northern Ireland)

2024 Quantifying equine influenza transmission in Mongolia, The Conference of Research Workers in Animal Diseases (Chicago, IL)

2025 Characterizing hot spots for avian-equine influenza spillover, The Conference of Research Workers in Animal Diseases (Chicago, IL)

INSTRUCTION

COURSES TAUGHT	<p><i>Population and community ecology</i> (ECOL 4000/6000, 3CR, 50% effort, except 2012 100%) Fall: 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023 Typical enrollment: 40</p> <p><i>Population biology of infectious diseases</i> (ECOL/BIOL 4150L/6150L, 4CR, 50% effort 2010-2023, 100% effort 2024) Spring: 2010, 2011, 2012, 2014, 2015, 2016, 2017, 2019, 2021, 2022, 2023, 2024, 2025 Typical enrollment: 40</p> <p><i>Modeling infectious diseases</i> (EPID/ECOL/IDIS 8515L, 4CR, 50% effort) Fall: 2009 Typical enrollment: 15</p> <p><i>Cross disciplinary ecology</i> (ECOL 8030, 1CR, 25% effort) Fall: 2010 Typical enrollment: 30</p> <p><i>Ecology and evolution of infectious diseases</i> (IDIS 8050, 1CR, 50% effort, except 2021 100%) Fall: 2011, 2013, 2015, 2018, 2021, 2025; Spring 2023 Typical enrollment: 30</p> <p><i>Research methods in disease ecology</i> (ECOL/IDIS 8140L, 4CR, 50% effort) Fall: 2012 Typical enrollment: 10</p> <p><i>Topics in modern ecology</i> (ECOL 8000, 3CR, 25% effort) Fall: 2016, 2017, 2023 Typical enrollment: 15</p> <p><i>Fundamentals of disease biology</i> (ECOL 8510L, 4CR, 50% effort) Fall: 2016, 2017, 2019, 2020 Typical enrollment: 20</p> <p><i>Vaccines: From design to development</i> (IDIS 8020, 3CR, 10% effort) Fall: 2016, 2017, 2019 Typical enrollment: 15</p> <p><i>Scientific programming</i> (ECOL 8540, 2CR, 50% effort): Maymester: 2017, 2019, 2020, 2021, 2022 Typical enrollment: 20</p> <p><i>Understanding and communicating uncertainty</i> (FYOS 1001, 1CR, 100% effort) Spring: 2017 Typical enrollment: 15</p> <p><i>Evolutionary medicine</i> (ECOL 3820, 3CR, 50% effort) Fall: 2022, 2023, 2024 Typical enrollment: 50</p> <p><i>Parasite Rex</i> (FYOS 1001, 1CR, 100% effort) Fall: 2023 Typical enrollment: 15</p> <p><i>Introduction to R</i> (ECOL 8990, 1CR, 20% effort) Spring: 2024; Fall 2025 Typical enrollment: 12</p>
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DEVELOPMENT OF NEW COURSES	<p><i>Population and community ecology</i> (ECOL 4000/6000): Devised new computational research projects (2016)</p> <p><i>Population biology of infectious diseases</i> (ECOL/BIOL 4150L/6150L): Devised new lab activities and new lectures (2012-present)</p> <p><i>Modeling infectious diseases</i> (EPID/ECOL/IDIS 8515L): New course (2009)</p> <p><i>Cross disciplinary ecology</i> (ECOL 8030): Devised new modules (2010)</p> <p><i>Ecology and evolution of infectious diseases</i> (IDIS 8050): New course (2011)</p> <p><i>Research methods in disease ecology</i> (ECOL/IDIS 8140L): New course (2012)</p> <p><i>Topics in modern ecology</i> (ECOL 8000): Devised new modules (2016, 2017)</p> <p><i>Fundamentals of disease biology</i> (ECOL 8510L): New course and new modules (2016, 2017, 2019)</p> <p><i>Vaccines: From design to development</i> (IDIS 8020): Devised new lectures and activities (2016)</p> <p><i>Scientific programming</i> (ECOL 8540): New course (2017)</p> <p><i>Understanding and communicating uncertainty</i> (FYOS 1001): New course (2017)</p> <p><i>Evolutionary medicine</i> (ECOL 3820): Devised new lectures (2022)</p> <p><i>Parasite Rex</i> (FYOS 1001): New course (2023)</p> <p><i>Introduction to R</i> (ECOL 8990): Devised new module (2024)</p>
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THESES DIRECTED	<p>Brett Berry, MS Ecology (joint supervision with Dr. J. Porter), 2013-2016 “Quantifying the effects of White Pox disease and bleaching in elkhorn coral in the Florida Keys from 1994-2014” - Currently Associate, GA State Environmental Protection Division</p> <p>Chris Cleveland, MS Population Health (joint supervision with Dr. J. Corn), 2013-2015 “Metacommunity ecology links environmental drivers to <i>Culicoides</i> spp. communities and hemorrhagic disease reports in the southeastern United States” - Currently Assistant Professor SCWDS, UGA</p> <p>Ashton Griffin, PhD Ecology (joint supervision with Dr. J. Porter), 2012-2018 “Understanding and predicting coral disease across scales” - Currently Data Scientist, MailChimp, Atlanta GA</p> <p>Carlos Molinero Sampedro, PhD Ecology, Topic: Macroecology of parasites of birds, expected 2027</p> <p>Kane Moser, PhD Ecology, Topic: Macroecology of fungal pathogens, expected 2028</p> <p>TJ Odom, PhD Ecology (joint supervision with Dr. S. Altizer), 2020-2025 “Parasite-mediated competition across an Appalachian salamander hybrid zone”</p> <p>John Vinson, PhD Ecology, 2013-2020 “Vector-borne parasite transmission potential in ecological communities” - Currently Post-doctoral associate, Southern Illinois University, UGA</p> <p>David Vasquez, MS Ecology, Topic: The role of host, environment, and co-infecting parasites on parasite abundance and distribution, withdrew 2021</p> <p>Maya Risin, PhD Ecology, Topic: Integrating host abundance and competency to explain multi-host disease dynamics, expected 2030</p> <p>Annakate Schatz, PhD Ecology, 2018-2024 “Host-parasite traits and vacated niche dynamics predict parasite acquisition and retention by introduced mammals” - Currently Post-doctoral USDA-ARS Fellowship in the Spatiotemporal Epidemiology of Livestock Disease</p>
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THESIS
COMMITTEES

Daniel Suh, PhD Ecology, 2019-2024 “Effects of biotic and abiotic factors on the transmission of generalist parasites” - Currently Post-doctoral fellow, Disease Ecology, Virginia Tech.

Abdul Ali, PhD Ecology (advisor: John Drake, ongoing)
Amy Briggs, PhD Ecology (advisor: Craig Osenberg, completed 2022)
Mary Browning, MS Genetics (advisor: Nancy Manley, completed 2015)
Sarah Bowden, PhD Ecology (advisor: John Drake, completed 2016)
Austin Coleman, MS Ecology (advisor: Stacey Lance, completed 2018)
Tad Dallas, PhD Ecology (advisor: John Drake, completed 2016)
Lambodhar Damodaran, PhD Bioinformatics (advisor: Justin Bahl, completed 2023)
Ming Fung, MS Pathology (advisor: Nicole Gottdenker, completed 2012)
Kylie Green, MS Ecology (advisor: Scott Carver, ongoing)
Elizabeth Hamman, PhD Ecology (advisor: Craig Osenberg, completed 2017)
Juliana Hoyos, PhD Ecology (advisor: Sonia Altizer, Nicole Gottdenker, completed 2025)
Reni Kaul, PhD Ecology (advisor: John Drake, completed 2021)
Shamus Keeler, PhD Population Health (advisor: Dave Stallknecht, completed 2012)
Yan Li, PhD Public Health (advisor: Andreas Handel, completed 2013)
Leke, Lyu, PhD Bioinformatics (advisor: Justin Bahl, completed 2025)
Paige Miller, PhD Ecology (advisor: John Drake, completed 2020)
Mike Newberry, PhD Ecology (advisor: Sonia Altizer, Courtney Murdock, completed 2025)
James Oni, PhD Ecology (advisor: Alex Strauss, ongoing)
Tanin Rajamand, PhD Bioinformatics (advisor: Justin Bahl, ongoing)
Robbie Richards, PhD Ecology (advisor: John Drake, Vanessa Ezenwa, completed 2021)
Kate Sabey, PhD Infectious Diseases (advisor: Vanessa Ezenwa, completed 2023)
Dara Satterfield, PhD Ecology (advisor: Sonia Altizer, completed 2016)
Katie Schroeder, PhD Ecology (advisor: Alex Strauss, ongoing)
Brittany Seibert, PhD Comparative Biomedical Sciences (advisor: Daniel Perez, completed 2022)
Maddy Soloman, PhD Ecology (advisor: Scott Carver, ongoing)
Megan Tomamichel, PhD Ecology (advisor: Jeb Byers, Richard Hall, completed 2024)
Kathryn Worsley-Tonks, MS Ecology (advisor: Vanessa Ezenwa, completed 2012)
Rachel Xu, PhD Bioinformatics (advisor: Liliana Salvador, completed 2023)
Nibiao Zheng, PhD Public Health (advisor: Andreas Handel, completed 2013)

UNDERGRADUATE MENTORSHIP	<p>2009 Amanda Perofsky: Spatio-temporal dynamics of epizootic hemorrhagic disease (research assistant)</p> <p>2010 Ashton Griffin: Spatial tracking of infectious diseases (directed reading)</p> <p>2010 Elliot Rickett: Population and community ecology (directed reading)</p> <p>2010 Brad White: Effect of deer density on spread of viral epizootic hemorrhagic disease (research credit)</p> <p>2011 Brett Berry: The effects of land use changes on epizootic hemorrhagic disease over a 30-year period in the US (research credit)</p> <p>2011 Kamran Mohammad: Synthesis of empirical data and theoretical techniques to establish rate of emergence of drug resistance in macroparasites (research credit)</p> <p>2011 Kamran Mohammad: Host demography and epidemic size variability of influenza outbreak (research credit)</p> <p>2011 Brad White: Modeling the ecological niche of <i>Culicoides</i> species (research credit)</p> <p>2012 Matt Foretitch: Ecological models and data in R (directed reading)</p> <p>2012 Scott Saunders: Predicting the effect of climate change on the distribution of invasive Lyme disease strains (research credit)</p> <p>2012 Laura Alexander: Understanding the role of vector overwintering on the dynamics of epizootic hemorrhagic disease (research credit)</p> <p>2013 Paige Miller: The perfect storm - factors that lead to increased transmission and resistance emergence of heartworm in the US (NSF REU summer student)</p> <p>2013 Javier Alarcon-Valenzuela: The role of biodiversity in predicting pathogenic <i>Lepospira</i> species prevalence in the state of Georgia (foreign exchange student)</p> <p>2014 Laura Alexander: Spatial spread of Ebola virus in West Africa (research assistant)</p> <p>2015 John Roquet: Biodiversity and disease - variation of West Nile virus outbreaks (research credit)</p> <p>2017 Jenna Lea: Analysis of tick and tick-borne parasite sharing in terrestrial mammals (research credit)</p> <p>2017 Keri-Niyia Cooper: Parasite sharing in marine and terrestrial mammals (NSF REU summer student)</p> <p>2019-2020 Grant Foster: Macroecology of complex lifecycle parasites (NSF-funded research assistant)</p> <p>2022-ongoing Finn Walsh: Parasite sharing between terrestrial and marine mammals</p> <p>2024-ongoing Claire Morgan: Parasite specificity in mammalian orders</p> <p>2025-ongoing Samarth Mohan: Parasite macroecology</p>
POSTDOCTORAL MENTORSHIP	<p>2010-2012 Krisztian Magori: Modeling, Hemorrhagic disease, Vaccine escape, Cross-species transmission - Currently Faculty at Eastern Washington University</p> <p>2011-2014 James Haven: Modeling, Lyme disease, Parasite generalism vs specialism - Currently employed in private health sector</p> <p>2013-2014 Suzanne O'Regan: Mathematical modeling of infectious diseases, Theoretical development of disease-diversity relationships - Currently research faculty at UGA</p> <p>2015 Chris Dibble: Bifurcation delay in infectious disease systems at critical points (joint with John Drake) - Currently Research Scientist, Battelle</p> <p>2015-2019 Eamon O'Dea: Modeling infectious diseases at critical points (joint with John Drake) - Currently employed as data scientist in private sector</p>

RECOGNITION FOR EXCELLENCE IN TEACHING	2010 President's Venture Fund UGA - Computational Ecology Workshops (\$3,000) 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
TRAINING IN MENTORSHIP	2019 Faculty mentoring workshop 2022 Faculty mentoring workshop
INSTRUCTIONAL GRANTS	2015 National Science Foundation (Ecology & Evolution of Infectious Diseases) <i>Conference Support for Ecology and Evolution of Infectious Diseases international conference 2015</i> Co-PIs: A. Park, S. Altizer (Total \$6,000, amount to Park \$3,000)
INSTRUCTIONAL GRANTS (SUPPORTING ROLE)	2017-2022 National Science Foundation (Research Experience for Undergraduates Site Award) <i>Population biology of infectious diseases</i> PI: J. Drake, Park was Senior Personnel (Total \$558,756, amount to Park \$0) 2015-2020 National Science Foundation (NRT-DESE: Interdisciplinary Disease Ecology Across Scales: from byte to benchtop to biosphere) PI: V. Ezenwa, Park was Senior Personnel and contributed to grant writing (Total \$3M, amount to Park \$0) 2014-2017 National Institutes of Health (Training Award) <i>Post-baccalaureate training in infectious disease research</i> PIs: J. Moore, M. Tompkins, Park was Key Personnel (Total \$1.59M, amount to Park \$0) 2012 National Science Foundation (Research Experience for Undergraduates Project Award) <i>Water quality patterns and coral disease processes in the Florida Keys</i> PI: J. Porter, Co-PI: A. Park (Total \$9,000, amount to Park \$0) 2012-2015 National Science Foundation (Research Experience for Undergraduates Site Award) <i>Population biology of infectious diseases</i> PI: J. Drake, Park was Senior Personnel (Total \$283,500, amount to Park \$0)
TRAINEE ACHIEVEMENTS	2011 Brett Berry: Laerm award (Odum School outstanding undergraduate) 2017 John Vinson: Teaching certificate (developing calculus curriculum for life sciences majors) 2017 John Vinson: Odum School best paper award 2017 David Vasquez: NSF GRFP award 2017 Jenna Lea: Fellowship, Center for Undergraduate Research Opportunities 2019 Annakate Schatz: Minorities in Natural Resources Conservation Stipend 2020 Daniel Suh: ESA Disease Ecology best poster award 2021 Daniel Suh: NSF GRFP award 2021 TJ Odom: Laerm award (Georgia Museum of Natural History graduate award) 2021 TJ Odom: Sigma-Xi award 2021 TJ Odom: Odum School small grant 2023 Annakate Schatz: ESA Disease Ecology best paper award 2025 TJ Odom: Odum School best paper award

PROFESSIONAL SERVICE

SERVICE TO PROFESSIONAL SOCIETIES	2014-2015 Co-chair Ecology and Evolution of Infectious Diseases 13th International Conference – Steering committee
EDITORIAL BOARDS	<i>Journal of Animal Ecology</i> (Associate Editor: 2022 – present) <i>Journal of Applied Ecology</i> (Associate Editor: 2018 – 2022) <i>Ecosphere</i> (Associate Editor: 2013 – 2018)
AD HOC MANUSCRIPT REVIEWS (RECENT)	The American Naturalist, EcoHealth, Ecology, Ecology Letters, Epidemics, Evolution, Evolution Letters, Functional Ecology, Journal of Animal Ecology, Journal of Applied Ecology, Journal of Theoretical Biology, Oikos, PLoS Computational Biology, PLoS Pathogens, PLoS Neglected Tropical Diseases, PLoS One, Proceedings of the National Academy of Sciences, Proceedings of the Royal Society B, Science, Theoretical Population Biology
GRANT REVIEWS	The National Science Foundation, The Singapore Government, The Research Council of Norway
EXTERNAL PHD EXAMINER	2003 Deirdre Hollingswoth, University of Cambridge, UK 2019 Reed Hranac, Massey University, New Zealand
TRAINING FOR SERVICE	2020 University System of Georgia Ethics Workshop 2021 Implicit Bias Workshop 2021 Faculty Series: Faculty Search Committee Workshop 2021 Faculty Series: Promotion and Tenure Procedures Workshop 2022 Academic Professional Promotion Guidelines Workshop 2022 Conflict of Interest Workshop 2023 Certificate in Diversity and Inclusion (part 1: diversity at UGA) 2023 Employee Recruitment Training 2024 USG Ethics Training 2024 Conflict of Interest Training
SERVICE WITHIN UGA (COMPLETED)	2009-2020 Odum School of Ecology Graduate Committee, UGA 2009-2013 Integratrated 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, UGA 2012 Search Committee - Faculty position, Odum School, UGA 2013 Search Committee - Faculty position, Dept. Plant Biology, UGA 2013 Coordinator, Spring seminar series, Dept. Infectious Diseases, UGA

2014 Search Committee chair – Faculty position, Odum School and Dept. Infectious Diseases, UGA

2015-2019 Faculty mentor (committee member) to Dr. Murdock, UGA

2015 Post-tenure Review Committee for Prof. Tompkins, Infectious Disease Dept., UGA

2015-2021 IDEAS Admissions Committee, UGA

2016-2017 Center for Ecology of Infectious Diseases Advisory Board, UGA

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

2017 Search committee - Lecturer (two positions), Odum School, UGA

2018-2020 University-wide Data Literacy Committee, UGA

2018-2024 Faculty mentor to Takao Sasaki, UGA

2018 Search Committee - Graduate advisor position, Odum School, UGA

2019-2022 Odum School of Ecology IT Committee chair, UGA

2020 Search Committee chair – Faculty position, Odum School and College of Veterinary medicine, UGA

2020 Post-tenure Review Committee for Prof. Ross, Infectious Disease Dept., UGA

2020-2023 University Council (and Faculty Affairs sub-committee), UGA

2021 Presidential Fellows Selection Committee, UGA

2021-2025 Odum School of Ecology Promotion and Tenure Committee, UGA

2021 Search Committee - Faculty position, Odum School, UGA

2022-2025 Promotion and Tenure Unit Head, Odum School, UGA

2022-2025 Executive Committee, Odum School, UGA

2022 Search Committee - Tenure track (two positions), Odum School, UGA

2023 Search Committee - Tenure track, Odum School, UGA

SERVICE WITHIN
UGA (ONGOING)

2015-present IDEAS Steering Committee (& chair since 2021), UGA

2021-present Graduate Affairs Committee, Infectious Disease Dept., UGA

2021-present Director of IDEAS Graduate Training Program, UGA

2023-present Faculty mentor (committee chair) to Dr. Peach, UGA

2025-present Peer Teaching Observation Committee, Odum School, UGA