DANIEL J. MCGLINN

Associate Professor
Biology Department, College of Charleston
Charleston, SC 29401
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EDUCATION

Doctor of Philosophy, Plant Sciences — 2004-2009
Oklahoma State University, advisor: Michael W. Palmer — Stillwater, OK
Spatial and Temporal Scaling of Species Composition at the Tallgrass Prairie Preserve, Oklahoma: Implications for Theory and Conservation

Bachelor of Science, Biology with Honors — 2000-2004
University of North Carolina, advisor: Robert K. Peet — Chapel Hill, NC

PROFESSIONAL EXPERIENCE

Associate Professor, College of Charleston	2020-
Assistant Professor, College of Charleston	2014-2020
Postdoctoral Researcher, Utah State University with Ethan White	2011-2014
Postdoctoral Researcher, University of North Carolina with Allen Hurlbert	2009-2011
Teaching Assistant, Oklahoma State University, Plant Biology Lab	2008-2009
EPA GRO Research Fellow, Oklahoma State University	2005-2008
Teaching Assistant, Oklahoma State University, Ecology Lab	2004-2005

FUNDING & ACADEMIC AWARDS

External

Changing Face of Coastal South Carolina: Building a Resilient Future — 2022-
South Carolina Sea Grant Consortium $110,800

Sabbatical Scholar Fellowship — 2020-2021
German Centre for Integrative Biodiversity Research, $100,000

Below Ground Processes Proposal — 2015-2018
DOE proposal, $150,000; PI: A. Strand, Co-PI: S. Pritchard

Greater Research Opportunities Fellowship — 2005-2008
Environmental Protection Agency, $100,000

Enhancing Linkages between Mathematics & Ecology Scholarship — 2007
Michigan State University, $500

Research Experience for Undergraduate Fellowship — 2003
National Science Foundation

Internal

Summer Undergraduate Research with Faculty (1 successful proposal) 2020
College of Charleston, $6,500

SSM summer undergraduate research award (7 successful proposals) 2018-2020
College of Charleston, $28,000

Distinguished Graduate Fellowship 2005-2008
Oklahoma State University, $1,000

LeClair Award, Academic Excellence in Plant Science 2004
University of North Carolina Biology Department

Undergraduate Research Fellowship 2003
The Smallwood Foundation, $2,000

PUBLICATIONS (*student author)

42. Lewis, A.S.L., C.R. Rollinson, A.J. Allyn, J. Ashander, S. Brodie, C.B. Brookson, E. Collins, M.C. Dietze, A.S. Gallinat, N. Juvigny-Khenafou, G. Koren, **D.J. McGlinn**, H. Moustahfid, J.A. Peters, N.R. Record, C.J. Robbins, J. Tonkin, and G.M. Wardle. 2022. The power of forecasts to advance ecological theory. *Methods in Ecology and Evolution*. https://doi.org/10.1111/2041-210X.13955

41. Engel, T*., S.A. Blowes, **D.J. McGlinn**, N.J. Gotelli, B.J. McGill, and J.M. Chase. 2022. How does variation in total and relative abundance contribute to gradients of species diversity? *Ecology and Evolution* 12:e9196. https://doi.org/10.1002/ece3.9196

40. Engel, T.*, S.A. Blowes, **D.J. McGlinn**, F. May, N.J. Gotelli, B.J. McGill, J.M. Chase. 2021. Resolving the species pool dependence of beta-diversity using coverage-based rarefaction. *Ecosphere*. 12:e03745. https://doi.org/10.1002/ecs2.3745

39. Keil, P., T. Wiegand, A.B. Tóth, **D.J. McGlinn**, and J.M. Chase. 2021. Measurement and analysis of interspecific spatial associations as a facet of biodiversity. *Ecological Monographs*. 91:e01452. https://doi.org/10.1002/ecm.1452

38. Pickens, C.*, T. Smart, M. Reichert, G. R. Sedberry, and **D.J. McGlinn**. 2021. No effect of marine protected areas on managed reef fish species in the southeastern United States Atlantic Ocean. *Regional Studies in Marine Science*. 44:101711. https://doi.org/10.1016/j.rsma.2021.101711

37. Senyondo, H., **D.J. McGlinn**, P. Sharma, D.J. Harris, H. Ye, S.D. Taylor, J. Ooms, F. Rodriguez-Sanchez, K. Ram, A. Pandey, H. Bansal, M. Pohlman, E.P. White. 2021. Rdataretriever: R Interface to the Data Retriever. *Journal of Open Source Software*. 6:2800. https://doi.org/10.21105/joss.02800

36. **D.J. McGlinn**, T. Engel*, S.A. Blowes, N.J. Gotelli, T.M. Knight, B.J. McGill, N. Sanders, J.M. Chase. 2021. A multi-scale framework for disentangling the roles of evenness, density and aggregation on diversity gradients. *Ecology*. e03233. https://doi.org/10.1002/ecy.3233

35. Mirza, B.S., **D.J. McGlinn**, B.J.M. Bohannan, K. Nüsslein, J.M. Tiedje, J.L.M. Rodrigues. 2020. Diazotrophs show sign of restoration in Amazon rainforest soils with ecosystem

rehabilitation. *Applied and Environmental Microbiology*. https://doi.org/10.1128/AEM.00195-20

34. Julien, A.R.*, **D.J. McGlinn**, A.W. Tweel, and P.R. Kingsley-Smith. 2020. Associations between nekton assemblages and Ribbed Mussel (*Geukensia demissa*) patches in a South Carolina salt marsh. *Southeastern Naturalist.* 19:45-61. https://doi.org/10.1656/058.019.0104

33. Blowes, S.A., J.M. Chase, A. Di Franco, O. Frid, N.J. Gotelli, P. Guidetti, T.M. Knight, F. May, **D.J. McGlinn**, F. Micheli, E. Sala, J. Belmaker. 2020. Mediterranean marine protected areas have higher biodiversity via increased evenness, not abundance. *Journal of Applied Ecology*. https://doi.org/10.1111/1365-2664.13549

32. **McGlinn, D.J.** and M.W. Palmer. 2019. Examining the foundations of heterogeneity-based management for promoting plant diversity in a disturbance-prone ecosystem. *PeerJ*. e6738. https://peerj.com/articles/6738/

31. Julien, A.R.*, A.W. Tweel, **D.J. McGlinn**, G.W. Sundin, N.H. Hadley, and P.R. Kingsley-Smith. 2019. Characterization of Ribbed Mussel *Geukensia demissa* (Dillwyn, 1817) Habitat in Relation to Tidal Elevation and Salinity in a South Carolina Estuary. *Journal of Shellfish Research*. 38:53-61.

30. **McGlinn, D.J.** and M.W. Palmer. 2019. Spatial Scale and Biodiversity. In *Oxford Bibliographies*. Ed. David Gibson. New York: Oxford University Press. https://doi.org/10.1093/OBO/9780199830060-0210

29. **McGlinn, D.J.** X. Xiao, F. May, N. Gotelli, T. Engel*, S. Blowes, T. Knight, O. Purschke, J. Chase, and B. McGill. 2019. MoB (Measurement of Biodiversity): a method to separate the scale-dependent effects of species abundance distribution, density, and aggregation on diversity change. *Methods in Ecology and Evolution*. 10:258-269. https://doi.org/10.1111/2041-210X.13102

28. Chase, J.M., B. McGill, **D.J. McGlinn**, F. May, S.A. Blowes, X. Xiao, T. Knight. O. Purschke, and N. Gotelli. 2018. Embracing scale-dependence to achieve a deeper understanding of biodiversity and its change across communities. *Ecology Letters.* 21:1737-1751. https://doi.org/10.1111/ele.13151

27. Zanne, A. E., W.D. Pearse, W.K. Cornwell, **D.J. McGlinn**, I.J., Wright. and J.C., Uyeda. 2018. Functional biogeography of angiosperms: life at the extremes. *New Phytologist*. 218:1697-1709. https://doi.org/10.1111/nph.15114

26. May, F., K. Gerstner, **D.J. McGlinn**, X. Xiao, J.M. Chase. 2018. mobsim: An R package for the simulation and measurement of biodiversity across spatial scales. *Methods in Ecology and Evolution.* 9:1401-1408. https://doi.org/10.1111/2041-210X.12986

25. Archibald, S., C. Lehmann, 10 other authors, **D.J. McGlinn**, and 11 more authors. 2018. Biological and geophysical feedbacks with fire in the Earth System. *Environmental Research Letters*. 13:033003. https://doi.org/10.1088/1748-9326/aa9ead

24. Morris, H., M.A.F Gillingham, L. Plavcová, S.M. Gleason, M.E Olson, D.A. Coomes, E. Fichtler, M.M. Klepsch, H.I. Martínez-Cabrera, **D.J. McGlinn**, E.A. Wheeler, J. Zheng, K. Ziemińska, and S. Jansen. 2018. Vessel diameter is related to amount and spatial

arrangement of axial parenchyma in woody angiosperms. *Plant, Cell & Environment*. 41:245-260. https://doi.org/10.1111/pce.13091

23. Rougier, N.P., 24 other authors, **D.J. McGlinn**, and 19 more authors. 2017. Sustainable computational science: the ReScience initiative. *PeerJ Computer Science*. 3:e142. https://doi.org/10.7717/peerj-cs.142

22. Mirza, B.S., D.L. Sorensen, **D.J. McGlinn**, R.R. Dupont, J.E. McLean. 2017. *Dehalococcoides* and general bacterial ecology of differentially trichloroethene dechlorinating flow-through columns. *Applied microbiology and biotechnology*. 101:4799-4813. https://doi.org/10.1007/s00253-017-8180-1

21. Palmer, M. W. and **D.J. McGlinn**. 2017. Scale detection using semivariograms and autocorrelograms. *in* S. E. Gergel and M. G. Turner, editors. *Learning Landscape Ecology: A Practical Guide to Concepts and Techniques*. 2nd edition. Springer-Verlag New York. https://doi.org/10.1007/978-1-4939-6374-4

20. Maherali, H., B. Oberle, P.F. Stevens, W.K. Cornwell, and **D.J. McGlinn**. 2016. Mutualism Persistence and Abandonment during the Evolution of the Mycorrhizal Symbiosis. *American Naturalist*. 188:E113-E125. https://doi.org/10.1086/688675

19. Morris, H., L. Plavcová, P. Cvecko, E. Fichtler, M.A.F. Gillingham, H.I. Martínez-Cabrera, **D.J. McGlinn**, E. Wheeler, J. Zheng, K. Ziemińska, S. Jansen. 2016. A global analysis of parenchyma tissue fractions in secondary xylem of seed plants. *New Phytologist*. 209:1553-1565. https://doi.org/10.1111/nph.13737

18. **McGlinn, D.J.**, X. Xiao*, J. Kitzes, E.P. White. 2015. Exploring the spatially explicit predictions of the Maximum Entropy Theory of Ecology. *Global Ecology and Biogeography*. 24:675-684. https://doi.org/10.1111/geb.12295

17. Thapa, V.T. *, **D.J. McGlinn**, P.W. Palmer, and U. Melcher. 2015. Determinants of composition of plant viruses at the Nature Conservancy's Tallgrass Prairie Preserve, Oklahoma. *Virus Evolution*. 1:vev007. https://doi.org/10.1093/ve/vev007

16. Xiao, X.* **D.J. McGlinn**, and E.P. White. 2015. A strong test of the Maximum Entropy Theory of Ecology. *American Naturalist*. 185:E70-E80. https://doi.org/10.1086/679576

15. Cornwell, W.K., M. Westoby, D.S. Falster, R.G. FitzJohn, B.C. O'Meara, **D.J. McGlinn**, and 21 other authors. 2014. Functional distinctiveness of major plant lineages. *Journal of Ecology*. 102: 345-356. https://doi.org/10.1111/1365-2745.12208

14. Zanne. A. D.C. Tank, W.K. Cornwell, **D.J. McGlinn**, and 23 other authors. 2014. Three keys to the radiation of angiosperms into freezing environments. *Nature*. 506: 89-92. https://doi.org/10.1038/nature12872

13. **McGlinn, D.J.**, X. Xiao*, and E.P. White. 2013. An empirical evaluation of four variants of a universal species-area relationship. *PeerJ*. 1: e212. https://doi.org/10.7717/peerj.212

12. White, E.P., E. Baldridge*, Z.T. Brym*, K.J. Locey*, **D.J. McGlinn**, and S.R. Supp*. 2013. Nine simple ways to make it easier to (re)use your data. *Ideas in Ecology and Evolution*. 6: 1-10. https://doi.org/10.4033/iee.2013.6b.6.f

11. **McGlinn, D.J.** and A.H. Hurlbert. 2012. Scale dependence in species turnover reflects variance in species occupancy. *Ecology*. 93: 294-302. https://doi.org/10.1890/11-0229.1

10. Scheiner, S.M., A. Chiarucci, G.A. Fox, M.R. Helmus, **D.J. McGlinn**, and M.R. Willig. 2011. The underpinnings of the relationship between space, time, and species richness. *Ecological Monographs*. 81: 195-213. https://doi.org/10.1890/10-1426.1

9. Rocchini, D., **D.J. McGlinn**, C. Ricotta, M. Neteler, T. Wohlgemuth. 2011 Landscape complexity and spatial scale influence the relationship between remotely sensed spectral diversity and survey-based plant species richness. *Journal of Vegetation Science*. 22: 688-698. https://doi.org/10.1111/j.1654-1103.2010.01250.x

8. **McGlinn, D.J.** and M.W. Palmer. 2011. Quantifying the influence of environmental texture on the rate of species turnover – evidence from two habitats. *Plant Ecology*. 212: 495-506. https://doi.org/10.1007/s11258-010-9840-8

7. **McGlinn, D.J.** and M.W. Palmer. 2010. Spatial structure alters the shape of the unimodal species richness-biomass relationship in a neutral model. *Diversity*. 2:550-560. https://doi.org/10.3390/d2040550

6. **McGlinn, D.J.**, P.G. Earls, and M.W. Palmer. 2010. A twelve-year study on the scaling of vascular plant composition in an Oklahoma Tallgrass Prairie. *Ecology*. 91: 1872. https://doi.org/10.1890/09-2017.1

5. **McGlinn, D.J.**, R.J. Churchill, and M.W. Palmer. 2010. Effects of a tornado on a Cross Timbers bird community. *The Southwestern Naturalist*. 55: 460-466. https://doi.org/10.1894/KF-09.1

4. **McGlinn, D.J.** and M.W. Palmer. 2009. Modeling the sampling effect in the species-time-area relationship. *Ecology*. 90:836-846. https://doi.org/10.1890/08-0377.1

3. Palmer, M.W., **D.J. McGlinn**, L. Westerberg, P. Milberg. 2008. Indices for detecting differences in species composition: some simplifications of RDA and CCA. *Ecology*: 89:1769-1771.

2. Palmer, M.W., **D.J. McGlinn**, and J.F. Fridley. 2008. Artifacts and artifictions in biodiversity research. *Folia Geobotanica*. 43:245-257. https://doi.org/10.1007/s12224-008-9012-y

1. Applequist, W.L., **D.J. McGlinn**, M. Miller, Q.G. Long, and J.S. Miller. 2007. How well do herbarium data predict the location of present populations? A test using *Echinacea* species in Missouri. *Biodiversity and Conservation*. 16:1397-1407. https://doi.org/10.1007/s10531-006-6737-x

MANUSCRIPTS (*student author)

Blowes, S.A, G.N. Daskalova, M. Dornelas, T. Engel*, N.J. Gotelli, A. Magurran, I.S. Martins, B. McGill, **D.J. McGlinn**, A. Sagouis, H. Shimadzu, S.R. Supp, and J.M. Chase. *In review*. Local biodiversity change reflects interactions among changing abundance, evenness and richness. Preprint: https://doi.org/10.1101/2021.08.29.458087

Lewis, A.S., 15 other authors, and **D.J. McGlinn.** *In review*. The power of forecasts to advance

ecological theory. *Methods in Ecology and Evolution*.

Caughron, J.*, C.J Plante, M.J.M. Reichert, T.I. Smart, **D.J McGlinn**. *In review*. Fish diversity drives regional productivity but not stability in southeastern United States coastal marine fishes. *Global Ecology and Biogeography*. Preprint: https://doi.org/10.1101/2021.11.10.468121

Sheahan, E.*, G. Naylor, and **D.J. McGlinn**. *In review*. Does niche conservatism or resources explain global patterns of shark species richness along temperature gradients? *Global Ecology and Biogeography*. Preprint: https://doi.org/10.1101/2022.04.15.488537

McGlinn, D.J. and E.P. White. *in prep.* Multi-Scale modeling to predict commonness and rarity across continents. https://doi.org/10.6084/m9.figshare.1112448.v1

NON-PEER REVIEWED PUBLICATIONS

McGlinn, D.J. 2012. Dictionaries are a scientist's friend. Software Carpentry Blog.

Gilmore, M.J. and **D.J. McGlinn**. 2008. General Biology Lab Manual. Northern Oklahoma College.

McGlinn, D.J. 2007. New species discovered. The Docent News of the Tallgrass Prairie Preserve. The Nature Conservancy. July edition.

SOFTWARE PRODUCTS

Oksanen J., F.G. Blanchet, M. Friendly, R. Kindt, P. Legendre, **D.J. McGlinn**, P.R. Minchin, R. B. O'Hara, G.L. Simpson, P. Solymos, M.H.H. Stevens, E. Szoecs, H. Wagner. vegan: community ecology package. https://CRAN.R-project.org/package=vegan

McGlinn, D.J., X. Xiao, F. May, T. Engel, C. Oliver. mobr: partition diversity patterns into their components across scales. https://github.com/MoBiodiv/mobr

McGlinn, D.J. and C. Oliver. mobr_app: R shiny app for the R package mobr. https://github.com/MoBiodiv/mobr_app

McGlinn, D.J. and E.P. White. rdataretriever: R interface to the EcoData Retriever. https://github.com/ropensci/rdataretriever

McGlinn, D.J. vario: community variograms and associated null models. https://github.com/mcglinnlab/vario

Locey, K. and **D.J. McGlinn**. rpartitions: code for integer partitioning. https://github.com/klocey/partitions/tree/master/rpartitions

Chamberlain, S., C. Boettiger, K. Ram, V. Barve, **D.J. McGlinn**. rGBIF: Interface to the Global Biodiversity Information Facility API methods. https://github.com/ropensci/rgbif/tree/newapi

E.P. White, **D.J. McGlinn**, X. Xiao, S. Supp, K. Thibaut. Software for Analyzing Harte et al.'s Maximum Entropy Theory of Ecology. http://dx.doi.org/10.6084/m9.figshare.815905

TEACHING EXPERIENCE

Measurements of Biodiversity (MoB). Workshop. **Organizer and Lecturer**. German Centre for Integrative Biodiversity yDiv, Leipzig, Germany. 2018

The Empiricists' Guide to the Analysis of Biodiversity Data Across Scales. Workshop. **Organizer and Lecturer**. Ecological Society of America. 101st Annual meeting. Portland, OR. 2017

Applied Quantitative Methods. Full semester course. **Lecturer**. College of Charleston. Charleston, SC. 2015-

Biodiversity, Ecology, and Conservation Biology. Full semester course. **Lecturer**. College of Charleston. Charleston, SC. 2014-

Community Assembly. Full semester course. **Lecturer**. Utah State University. Logan UT. 2013

Software Carpentry Bootcamp. Workshop. **Organizer and Lecturer**. Utah State University. Logan, UT. 2013

Macroecology. Full semester course. **Guest Lecturer**. Utah State University. Logan, UT. 2012

Advanced Programming for Biologists. Full semester course. **Guest Lecturer**. Utah State University. Logan, UT. 2012

Introduction to Programming for Biologists. Full semester course. **Guest Lecturer**. Utah State University. Logan, UT. 2012

Advanced Modeling for Biologists using R. Full semester course. **Lecturer**. University of North Carolina. Chapel Hill, NC. 2011

Avian Biology. Full semester course. **Guest Natural Historian**. University of North Carolina. Chapel Hill, NC. 2009-2010

Plant Biology Lab. Full semester course. **Teaching Assistant**. Oklahoma State University. Stillwater, OK. 2008-2009

Multivariate Methods for Community Ecology. Full semester course. **Guest Lecturer**. Oklahoma State University. Stillwater, OK. 2007

Introductory Biology Lecture and Lab. Full semester course. **Guest Lecturer**. Northern Oklahoma College. Tonkawa, OK. 2007-2009

General Ecology Lab. Full semester course. **Teaching Assistant**. Oklahoma State University. Stillwater, OK. 2004-2005

General Ecology. Full semester course. **Guest Lecturer**. Oklahoma State University. Stillwater, OK. 2004-2009

WORKING GROUP PARTICIPATION

Symposium on the Mobilization of Structured Biodiversity Data. German Centre for Integrative Biodiversity Research. **Participant**. 2017

Measurement of Biodiversity (MoB). German Centre for Integrative Biodiversity Research. **Organizer**. 2015-2016

Scaling UP: Population and Community Ecology. A Workshop for Early Career Scientists. Ecological Society of America. **Participant**. 2013

Tempo and mode of plant trait evolution: synthesizing data from extant and extinct taxa. National Evolutionary Synthesis Center. **Participant**. 2011-2013

RESEARCH MENTORSHIP

Primary Advisor Undergraduate

Sophia Bernstein, Biology Honors Undergraduate Research Program. Optimizing indoor saltwater agriculture using *Salicornia europaea*. *SURF summer research award recipient*. 2019-2020

Kaitlyn Roberts, Biology Undergraduate Research Program. How planting density affects the growth and yield of *Salicorina* spp. *SSM summer research award recipient*. 2019-2020

Ashley Woods, Biology Undergraduate Research Program. SOAR: species occurrence aggregation in R. *SSM summer research award recipient.* repo: https://github.com/mcglinnlab/soar 2018-2020

Nicole Strauss, Biology Undergraduate Research Program. Response of herpetofauna to prescribed fire in the Francis Marion National Forest. *SSM summer research award recipient, 1st gen. undergraduate student.* repo: https://github.com/mcglinnlab/fire_herps 2018-2020

Savannah Spencer, Biology Undergraduate Research Program. Response of herpetofauna to prescribed fire in the Francis Marion National Forest. repo: https://github.com/mcglinnlab/fire_herps 2018

Emmaline Sheahan, Biology Honors Undergraduate Program. Suitability of ecological and evolutionary processes as explanations of the global temperature-diversity gradient in sharks. *SSM summer research award recipient.* repo: https://github.com/mcglinnlab/shark-ray-div 2017-2020

Samuel McCauley, Biology Honors Undergraduate Program. Twenty years of vegetation change in the longleaf forests of the Francis Marion National Forest. *Currently*: PhD program at University of Idaho. *1st gen. undergraduate*. repo: https://github.com/smccau/santee_fire 2016

Primary Advisor Graduate

Ansley Williamson, Masters in Environmental Science. What can the soundscape of ephemeral wetlands tell us about the drivers of songbird and anuran community composition and diversity?	202-
Jackson Barratt Heitman, Masters in Environmental Science. How does disturbance shape avian community composition and diversity in ephemeral wetlands?	2021-
Juliane Caughron, Graduate Program in Marine Biology. Scaling-up the diversity-stability relationship in fisheries. *Joanna Deep Water Summer fellow*. repo: https://github.com/mcglinnlab/fish_stability	2018-2020
Samuel Norton, Masters in Environmental Science. Environmental restoration using *Salicornia viriginica* an emerging economically important native plant. *SC Dept. of Ag. ACRE fellow.*	2018-2021
Nathan Baker, Graduate Program in Marine Biology. Temporal and spatial changes in fish biodiversity along the southeastern Atlantic coast of the United States. *1st gen. graduate student*. repo: https://github.com/mcglinnlab/fishdiv	2015-2018

Graduate Committee member

Colin Perkins-Taylor, Masters of Marine Biology Program.	2021-
Lindsey Transue, Masters of Marine Biology Program.	2020-2022
Josiah Water, Masters of Marine Biology Program.	2020-
Morgan Will, Masters of Marine Biology Program.	2020-
Robin Minch, Masters of Marine Biology Program.	2020-
Cassandra Evanchuck, Masters of Marine Biology Program.	2020-2021
Kayla Pehl, Masters of Environmental Science.	2020-2021
Christopher Pickens, Masters of Marine Biology Program.	2017-2019
Alejandra Enriquez, Masters of Marine Biology Program.	2017-2018
Chelsea Acres, Masters of Environmental Science.	2017-2018
Asa Julien, Masters of Marine Biology Program.	2016-2018
Jordon Taylor, Masters of Marine Biology Program.	2016-2017
Margaret Walker, Masters of Marine Biology Program.	2015-2017

INVITED SEMINARS

University of Vermont. (slides link) 2018

Oklahoma State University. (slides link) 2017

Clemson University. Biology Department. 2015

University of North Carolina. Curriculum for the Environment and Ecology. 2010

East Carolina University. Biology Department 2010

Appalachian State University. Biology Department 2009

University of New Mexico. James H Brown's Macroecology Lab 2005

NATIONAL AND INTERNATIONAL CONFERENCE PRESENTATIONS

McGlinn, D.J. et al. Ecological Forecasting Initiative Virtual Conference (poster link) 2020

McGlinn, D.J. et al. Ecological Society of America. Portland, OR (poster link) 2017

McGlinn, D.J. et al. Ecological Society of America. Ft. Lauderdale, FL (slides link) 2016

McGlinn, D.J. and E.P. White. Gordon Research Conference. Biddeford, ME 2014

McGlinn, D.J. and E.P. White. Ecological Society of America. Minneapolis, MN. 2013

McGlinn, D.J. and E.P. White. Gordon Research Conference. Biddeford, ME. 2012

McGlinn, D.J. and A.H. Hurlbert. Ecological Society of America. Austin, TX. 2011

McGlinn, D.J. and A.H. Hurlbert. Ecological Society of America. Pittsburgh, PA. 2010

McGlinn, D.J. Lunch Bunch Seminar Series. University of North Carolina. 2010

McGlinn, D.J. and M.W. Palmer. Ecological Society of America. Milwaukee, WI 2008

McGlinn, D.J. and M.W. Palmer. Ecological Society of America. San Jose, CA. 2007

McGlinn, D.J. and M.W. Palmer. Ecological Society of America. Memphis, TN. 2006

McGlinn, D.J. Southwestern Association of Naturalists. Huntsville, TX. 2005

COMMUNITY OUTREACH AND NEWS COVERAGE

Friends of James Simons. Non-profit 501c3 organization. Director of Communications. 2020-

James Simons School. Charleston, SC. Pre-K-8th grade Title I. *Reading coach, Gardener, and Naturalist* 2017-

Logan Nerd Night. *Deciphering Universal Patterns of Biodiversity*. 2013

Utah Public Radio. Zesty Garden. *How Flowering Plants Adapted to Cold*. 2013

Utah Public Radio. Access Utah. *'Plants Evolve For Colder Temperatures: Evolution.*	2013
Utah State Today. *'How Do Plants Survive in a Winter Wonderland?' asks USU Ecologist.*	2013
Standard-Examiner. *How Did Plants Live When Earth Went Cold?*	2013
Payne County Audubon. *Effects of a tornado on a Cross Timbers bird community*.	2007

CAMPUS AND DEPARTMENTAL SERVICE

Campus-wide Committees

Stono Preserve Advisory Committee	2019-
Science and Math IT Advisory Board	2018-2020
Faculty Senate	2018-2019
Graduate Student Research Colloquium Committee – participant ('18), chair ('19), & co-chair ('20, '21)	2018-
SURF Grant Reviewer	2018
Graduate School Application Reviewer – Masters in Environmental Studies	2017

Departmental Committees

Faculty search committee chair	2021-2022
Adjunct Committee	2021
Library liaison	2015-2018
Research and Development	2015-2016 2018-2019
Awards committee	2017-2018
Chair's advisory committee	2018-
Safety committee	2018-2019
Faculty search committee member (x3)	2017-

Broader Scientific Community

Editor at *Ecology Letters*	2021-
NOAA proposal ad hoc reviewer	2019
NSF proposal ad hoc reviewer	2017
Reviewed manuscripts: *Nature, Global Ecology and Biogeography, Ecology, Ecography, Ecology Letters, Methods in Ecology and Evolution, Oecologia, Natural Areas Journal* – top 90% of all reviewers (https://publons.com/researcher/1295921/d-j-mcglinn/peer-review/)	2009-