

# KAITLIN J. FARRELL

Email: kfarrell@uga.edu  
Phone: 706-542-5342  
Web: farrellkj2.github.io

Odum School of Ecology  
University of Georgia  
Athens, GA, USA

## PROFESSIONAL APPOINTMENTS

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2023 – present Lecturer- Data Literacy, Odum School of Ecology (OSE), University of Georgia (UGA)  
2022 – present Director of Domestic Field Study, Office of Instruction, UGA  
2019 – 2023 Academic Professional- Instructional Laboratory Coordinator, OSE, UGA  
2017 – 2019 Postdoctoral Associate, Dept. of Biological Sciences, Virginia Tech, Blacksburg, VA.

## EDUCATION

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2017 Ph.D. Ecology, University of Georgia, Athens, GA, USA  
Interdisciplinary Certificate in University Teaching  
2012 M.S. Biology, Appalachian State University, Boone, NC, USA  
2009 B.S. Environmental Biology, McGill University, Montreal, QC, Canada  
Dean's Honour List (top 10% of graduating class), Faculty of Agricultural & Environmental Sciences

## TEACHING & COURSE COORDINATION

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### Instructor of Record (UGA):

#### *On-campus/classroom instruction*

ECOL 2550- Introduction to Ecological Data Science, 3 cr., Fall 2024  
ECOL 3500- Ecology, 3 cr., Fall 2024  
ECOL 3510- Ecology Research Laboratory, 3 cr., Summer 2021  
ECOL 3550- Ecological Data Literacy, 3 cr., Fall 2023 – Spring 2024  
ECOL 4130L- Ecological Methodology, 3 cr., Spring 2024  
ECOL 4950- Senior Seminar, 1 cr., Spring & Fall 2020 – 2023  
GRSC 7770- Graduate Teaching Seminar (GRSC 7770, 1-3 cr.), Fall 2019 – 2021, 2023  
ECOL 8990- Problems in Ecology, 1 cr., Spring 2024

#### *Field course instruction through UGA Interdisciplinary Field Program (IFP)*

ECOL 1000H- Ecological Basis of Environmental Issues (Honors), 3 cr., Summer 2016, 2018-2019, 2022, 2024  
ECOL 1000L- Ecological Basis of Environmental Issues Lab, 1 cr., Summer 2016, 2018-2019, 2022, 2024  
ECOL 4160/4160L- Ecology of North America, 4 cr., Summer 2016, 2018-2019, 2022, 2024

#### *Course coordination*

ECOL 1000L- Ecological Basis of Environmental Issues Lab, 1 cr., Fall/Spring/Summer 2019-2023  
ECOL 3500L- Ecology Lab, 1 cr., Fall/Spring/Summer 2019-2023  
ECOL 3505H- Honors Ecology Lab, 1 cr., Fall 2019-2021

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### New Courses Developed:

- 2024 *Ecology* (ECOL 3500, 3 cr.), fall  
Developed and taught a new section of general ecology with emphasis on data interpretation, critical thinking, and synthesis of ideas across topics.
- 2023 *Ecological Data Literacy* (ECOL 3550, 3 cr.), fall  
Course fully re-designed around applied practice using ecological datasets and R programming language. Revised course (ECOL 2550) approved in CAPA in Fall 2024 to fulfill UGA Core Curriculum Quantitative Reasoning requirement.
- 2021 *Ecology Research Laboratory* (ECOL 3510, 3 cr.), summer thru-term  
Developed & taught as a Course-based Undergraduate Research Experience (CURE); as of Spring 2023, taught as ECOL 4310L (Ecological Methodology) in a full-semester format.
- 2019 *Graduate Teaching Seminar* (GRSC 7770, 1-3 cr.), fall  
Developed a section of GRSC 7770 that fulfills UGA requirements while focusing on training specifically relevant to ecology lecture & lab TAs.

### Curriculum Development:

- 2017 – present Field program curriculum lead, UGA IFP (ECOL 1000H & 1000L, 4160-4160L)
- 2019 – 2023 Large-enrollment lab curricula (ECOL 1000L, 3500/3505L), including online/asynchronous (Summer/Fall 2020) and hybrid/hyflex (Spring 2021) formats, UGA
- 2017 – 2019 Macrosystems EDDIE (Environmental Data-Driven Inquiry & Exploration) module development with C.C. Carey, Virginia Tech
- 2015 – 2016 Freshwater Ecosystems lab manual and teaching assistant manual development, UGA
- 2014 Ichthyology lab manual development, UGA

### Supervision of Graduate and Undergraduate Student Teaching:

- 2024 Shishir Rao, Graduate Teaching Assistant (TA) in ECOL3500 (Fall)  
Andrew Blinn, IFP Graduate TA, ECOL 1000H-100L, ECOL 4160-4160L (Summer)  
Anderson Smith, Undergraduate Peer Learning Assistant (PLA) in ECOL 2550 (Fall)  
Dhruv Singh, Dylan Patel, Erin Monroe, & Max Petropoulos, Undergraduate PLAs in ECOL 3500 (Fall)
- 2023 8 Graduate TAs, ECOL 1000L (Spring/Summer)  
7 Graduate TAs, ECOL 3500L (Spring/Summer)
- 2022 Carolyn Cummins & Nate Tomczyk, IFP Graduate TAs, ECOL 1000H-100L, ECOL 4160-4160L (Summer)  
16 Graduate TAs, ECOL 1000L (Spring/Summer/Fall)  
12 Graduate TAs, ECOL 3500L (Spring/Summer/Fall)
- 2021 19 Graduate TAs, ECOL 1000L (Spring/Summer/Fall)  
15 Graduate TAs, ECOL 3500L (Spring/Summer/Fall)
- 2020 19 Graduate TAs, ECOL 1000L (Spring/Summer/Fall)  
15 Graduate TAs, ECOL 3500L (Spring/Summer/Fall)
- 2019 9 Graduate TAs, ECOL 1000L (Fall)  
6 Graduate TAs, ECOL 3500L (Fall)

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### Student Mentorship:

- 2023 – 2024 Emme McCumiskey (UGA '26) via UGA Mentor Program  
2020 – 2024 Teaching mentor for UGA Interdisciplinary Certificate in University Teaching (Carolyn Cummins: 2021 – 2024; Reni Kaul 2020 – 2021)  
2017 – 2019 Arianna Krinos (Virginia Tech '19)  
2014 Olivia Mast (Atlanta Girls' School '15)  
2013 Sophia Bonjour (2013 NSF REU; Southern Illinois University '14)

### PEER-REVIEWED PUBLICATIONS (<sup>U</sup> = mentored undergraduate student)

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- 2021 **Farrell, K.J.**, K.C. Weathers, S.H. Sparks, J.A. Brentrup, C.C. Carey, M.C. Dietze, J.R. Foster, K.L. Grayson, J.H. Matthes, & M.D. SanClements. Training macrosystems scientists requires both interpersonal and technical skills. *Frontiers in Ecology and the Environment* 19: 39-46. DOI: 10.1002/fee.2287
- Creed, R.P., J. Skelton, **K.J. Farrell**, & B.L. Brown. Strong effects of a mutualism on freshwater community structure. *Ecology* 102: e03225. DOI: 10.1002/ecy.3225
- Emery, N.C., E. Crispo, S.R. Supp, **K.J. Farrell**, A.J. Kerkhoff, E.K. Bledsoe, K.L. O'Donnell, A.C. McCall, & M.E. Aeillo-Lammens. Data science in undergraduate life science education: a need for instructor skills training. *BioScience* 71: 1274-1287. DOI: 10.1093/biosci/biab107
- Hounshell, A.G., **K.J. Farrell**, & C.C. Carey. Macrosystems EDDIE teaching modules increase students' ability to define, interpret, and apply concepts in macrosystems ecology. *Education Sciences* 11: 382. DOI: 10.3390/educsci11080382
- Kincaid, D.W., W.S. Beck, J.E. Brandt, M.M. Brisbin, **K.J. Farrell**, K.L. Hondula, E.I. Larson, & A.J. Shogren. Wikipedia can help resolve information inequality in the aquatic sciences. *Limnology and Oceanography Letters* 6: 18-23. DOI: 10.1002/lol2.10168
- 2020 **Farrell, K.J.**, N.K. Ward, A.I. Krinos<sup>U</sup>, P.C. Hanson, V. Daneshmand, R.J. Figueiredo, & C.C. Carey. Ecosystem-scale nutrient cycling responses to increasing air temperatures vary with lake trophic state. *Ecological Modelling* 430: 109134. DOI: 10.1016/j.ecolmodel.2020.109134
- Carey, C.C., **K.J. Farrell**, A.G. Hounshell, & K. O'Connell. Macrosystems EDDIE teaching modules significantly increase ecology students' proficiency and confidence working with ecosystem models and use of systems thinking. *Ecology and Evolution* 10: 12515-12527. DOI: 10.1002/ece3.6757
- Henson, V.R., K.M. Cobourn, K.C. Weathers, C.C. Carey, **K.J. Farrell**, J.L. Klug, M.G. Sorice, N.K. Ward, & W. Weng. A practical guide for managing interdisciplinary teams: Lessons learned from coupled natural and human systems research. *Social Sciences* 9, 119. DOI: 10.3390/socsci9070119
- Weng, W, K. Boyle, **K.J. Farrell**, C. Carey, K. Cobourn, H. Dugan, P. Hanson, N. Ward, & K. Weathers. Coupling natural and human models in the context of a lake ecosystem: Lake Mendota, Wisconsin, USA. *Ecological Economics* 169: 106556. DOI: 10.1016/j.ecolecon.2019.106556
- 2019 **Farrell, K.J.**, A.N. Cramer, K.L. Hondula, S.K. Thompson, & J.A. Zwart. Support of early-career researchers supports the future of ASLO. *Limnology & Oceanography: Bulletin* 28: 34. DOI: 10.1002/lob.10295
- Carey, C.C., N.K. Ward, **K.J. Farrell**, M.E. Lofton, A.I. Krinos<sup>U</sup>, R.P. McClure, K.C. Subratie, R.J. Figueiredo, J.P. Doubek, P.C. Hanson, P. Papadopoulos, & P. Arzberger. Enhancing

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- collaboration between ecologists and computer scientists: lessons learned and recommendations for a path forward. *Ecosphere* 10: e02753. DOI: 10.1002/ecs2.2753
- 2018 **Farrell, K.J.**, & C.C. Carey. Power, pitfalls, and potential for integrating computational literacy into undergraduate ecology courses. *Ecology and Evolution* 8: 7744-7751. DOI: 10.1002/ece3.4363
- Farrell, K.J.**, A.D. Rosemond, J.S. Kominoski, S.M. Bonjour<sup>U</sup>, J. Rüeegg, L.E. Koenig, C.L. Baker, M.T. Trentman, & T.K. Harms. Variation in detrital resource stoichiometry signals differential carbon to nutrient limitation for stream consumers across biomes. *Ecosystems* 21: 1676-1691. DOI: 10.1007/s10021-018-0247-z
- Cobourn, K.M., C.C. Carey, K. Boyle, C. Duffy, H.A. Dugan, **K.J. Farrell**, L. Fitchett, P.C. Hanson, J.A. Hart, V.R. Henson, A.L. Hetherington, A.R. Kemanian, L.G. Rudstam, L. Shu, P.A. Soranno, M. Sorice, J. Stachelek, N.K. Ward, K.C. Weathers, W. Weng, & Y. Zhang. From concept to practice to policy: modeling coupled natural and human systems in lake catchments. *Ecosphere* 9: e02209. DOI: 10.1002/ecs2.2209
- Engel, F., **K.J. Farrell**, I.M. McCullough, F. Scordo, B.A. Denfeld, H.A. Dugan, E. de Eyto, P.C. Hanson, R.P. McClure, P. Nöges, T. Nöges, E. Ryder, K.C. Weathers, & G.A. Weyhenmeyer. A lake classification concept for a more precise estimate of the dissolved inorganic carbon export from terrestrial ecosystems to inland waters. *The Science of Nature* 105: 25. DOI: 10.1007/s00114-018-1547-z
- McCullough, I.M., H.A. Dugan, **K.J. Farrell**, A.M. Morales-Williams, Z. Ouyang, D. Roberts, F. Scordo, S.L. Bartlett, S.M. Burke, J.P. Doubek, F.E. Krivak-Tetley, N.K. Skaff, J.C. Summers, K.C. Weathers, & P.C. Hanson. Dynamic modeling of organic carbon fates in lake ecosystems. *Ecological Modelling* 386: 71-82. DOI: 10.1016/j.ecolmodel.2018.08. 009
- Song, C., W.K. Dodds, J. Rüeegg, A. Argerich, C.L. Baker, W.B. Bowden, M.M. Douglas, **K.J. Farrell**, M.B. Flinn, E.A. Garcia, A.M. Helton, T.K. Harms, S. Jia, J.B. Jones, L.E. Koenig, J.S. Kominoski, W.H. McDowell, D. McMaster, S.P. Parker, A.D. Rosemond, C.M. Ruffing, K.R. Sheehan, M.T. Trentman, M.R. Whiles, W.M. Wollheim, & F. Ballantyne IV. Continental-scale decrease in net primary productivity in streams due to climate warming. *Nature Geoscience* 11: 415-420. DOI: 10.1038/s41561-018-0125-5
- 2017 Dugan, H.A., S.L. Bartlett, S.M. Burke, J.P. Doubek, F.E. Krivak-Tetley, N.K. Skaff, J.C. Summers, **K.J. Farrell**, I.M. McCullough, A.M. Morales-Williams, D. Roberts, F. Scordo, Z. Ouyang, P.C. Hanson, & K.C. Weathers. Salting our freshwater lakes. *Proceedings of the National Academy of Sciences* 114: 4453-4458. DOI: 10.1073/pnas.1620211114
- 2016 Rüeegg, J., W.K. Dodds, M.D. Daniels, K.R. Sheehan, C.L. Baker, W.B. Bowden, **K.J. Farrell**, M.B. Flinn, T.K. Harms, J.B. Jones, & L.E. Koenig. Baseflow physical characteristics differ at multiple spatial scales in stream networks across diverse biomes. *Landscape Ecology* 31: 119-136. DOI: 10.1007/s10980-015-0289-y
- 2014 **Farrell, K.J.**, R.P. Creed, & B.L. Brown. Reduced densities of ectosymbiotic worms (Annelida: Branchiobdellida) on reproducing female crayfish. *Southeastern Naturalist* 13: 523-529. DOI: 10.1656/058.013.0312
- Farrell, K.J.**, R.P. Creed, & B.L. Brown. Preventing overexploitation in a mutualism: Partner regulation in the crayfish-branchiobdellid symbiosis. *Oecologia* 174: 501-510. DOI: 10.1007/s00442-013-2780-y
- 2013 Skelton, J., **K.J. Farrell**, R.P. Creed, B.W. Williams, C. Ames, B.S. Helms, J. Stoekel, & B.L. Brown. Servants, scoundrels, and hitchhikers: current understanding of the complex

## KAITLIN J. FARRELL

kfarrell@uga.edu

interactions between crayfish and their ectosymbiotic worms (Branchiobdellida). *Freshwater Science* 32: 1345-1357. DOI: 10.1899/12-198.1

- 2012 Brown, B.L., R.P. Creed, J. Skelton, M.R. Rollins & **K.J. Farrell**. The fine line between mutualism and parasitism: Complex effects in a cleaning symbiosis demonstrated by multiple field experiments. *Oecologia* 170: 199-207. DOI: 10.1007/s00442-012-2280-5

### *Manuscript Preprints*

Krinos, A.I.<sup>U</sup>, **K.J. Farrell**, V. Daneshmand, K.C. Subratie, R.J. Figueiredo, & C.C. Carey. 2019. Including variability in air temperature warming scenarios in a lake simulation model highlights uncertainty in predictions of cyanobacteria. *bioRxiv Preprint*: 734285. DOI: 10.1101/734285.

### **PUBLISHED TEACHING MODULES**

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‡ = “Exemplary” rating, National Assn. of Geoscience Teachers 2022 *On the Cutting Edge* Program

- 2020 ‡Carey, C.C., **K.J. Farrell**, & A.G. Hounshell. Macrosystems EDDIE Module 4: Macro-Scale Feedbacks. *Environmental Data Initiative*. DOI: 10.6073/pasta/c2cabba0b755d852dabe74d181e2dc28
- 2019 ‡**Farrell, K.J.**, & C.C. Carey. Macrosystems EDDIE Module 3: Teleconnections. *Environmental Data Initiative*. DOI: 10.6073/pasta/89ffc527545f581290a7c19c5cbb7163
- ‡Carey, C.C., & **K.J. Farrell**. Macrosystems EDDIE Module 2: Cross-Scale Interactions. *Environmental Data Initiative*. DOI: 10.6073/pasta/28f233002e2e1b6c8d412992e378358f
- 2018 ‡Carey C.C., S. Aditya, K. Subratie, R.J. Figueiredo, & **K.J. Farrell**. Macrosystems EDDIE Module 1: Climate Change Effects on Lake Temperatures. *Environmental Data Initiative*. DOI: 10.6073/pasta/f7c4c245f495d859dcaa4ff6794d1fac

### **PUBLISHED DATA PRODUCTS**

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- 2019 Carey C.C., A.B. Gerling, J.P. Doubek, K.D. Hamre, R.P. McClure, M.E. Lofton, & **K.J. Farrell**. Secchi depth data and discrete depth profiles of photosynthetically active radiation, temperature, dissolved oxygen, and pH for Beaverdam Reservoir, Carvins Cove Reservoir, Falling Creek Reservoir, Gatewood Reservoir, and Spring Hollow Reservoir in southwestern Virginia, USA 2013-2018. *Environmental Data Initiative*. DOI: 10.6073/pasta/e840c6c921afb43c326111b525de62b2
- Carey C.C., M.E. Lofton, A.B. Gerling, R.P. McClure, J.P. Doubek, B.R. Niederlehner, & **K.J. Farrell**. Water chemistry time series for Beaverdam Reservoir, Carvins Cove Reservoir, Falling Creek Reservoir, Gatewood Reservoir, and Spring Hollow Reservoir in southwestern Virginia, USA 2013-2018. *Environmental Data Initiative*. DOI: 10.6073/pasta/08a8d297003c8e8593f888980f52bbcf

### **AWARDS, FELLOWSHIPS, & GRANTS (selected)**

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#### **Awards**

- 2022 Nominee, UGA Creative Teaching Award
- 2021 Dean’s Award, Odum School of Ecology, UGA
- 2021 Outstanding Faculty Instructor of the Year, OSE, UGA
- 2017 1<sup>st</sup> Place Doctoral Research, OSE Graduate Student Symposium
- 2016 Outstanding Teaching Assistant Award, UGA
- 2016 Distinguished Graduate Student Teaching Award, OSE, UGA
- 2015 Frank Golley Memorial Scholarship, OSE, UGA

## KAITLIN J. FARRELL

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### Fellowships

- 2015 – 2017 Global Lakes Ecological Observatory Network (GLEON) Graduate Fellowship Program  
2012 – 2014 Scholar of Excellence Fellowship, UGA (\$38,000)

### Grants

- 2023 – present Parents' Leadership Council, UGA (\$1,461)  
2021 – 2026 Senior Personnel & Steering Committee Member, "RCN-UBE: Biological and Environmental Data Education Network: Preparing Instructors to Integrate Data Science into Undergraduate Biology and Environmental Science Curricula" (NSF award 2120609)  
2015, 2016 Watershed UGA Mini-Grants for teaching, UGA (\$735 total)

### INVITED WORKSHOP & SHORT COURSE PARTICIPATION (past 5 years)

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- 2024 Biological and Environmental Data Education (BEDE) Network "Teaching Data Science" Instructor Workshop, Tacoma, WA, March 2024 (*Workshop co-developer and co-lead*)  
(BEDE-Network Workshop, New York, NY, June 2024 (*Participant*))  
2023 Domestic Field Study Fellows Program, Athens, GA, June 2023 (*Program developer & Lead presenter*)  
2022 UGA General Education Assessment Results Think Tank, Athens, GA, January 2022 (*Participant*)

### INVITED TALKS (PAST 5 YEARS; presenters underlined)

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- 2020 Farrell, K.J., & K.C. Weathers. Lather, rinse, reuse- Are our archived data valuable or all wet? *Ecological Society of America*. Virtual conference, 5 Aug 2020. Inspire oral presentation.

### CONTRIBUTED PRESENTATIONS (past 5 years; presenters underlined; <sup>U</sup> = mentored undergraduate student; <sup>G</sup> = mentored graduate student)

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- 2023 Emery, N., E. Crispo, S. Supp, **K. Farrell**, A. Kerkhoff, E. Bledsoe, K. O'Donnell, A. McCall, & M. Aiello-Lammens. From courses to curricula: integrating data science skills into life science education. *Ecological Society of America*. Portland, OR, 8 Aug 2023. Poster presentation.  
2022 Cummins, C.S.<sup>G</sup>, A.T. Rugenski, & **K.J. Farrell**. Effects of instructional technique on student perception and comprehension of scientific literature. *UGA Center for Teaching and Learning Spring Teaching Symposium*. Athens, GA, 5 April 2022. Poster presentation.  
2021 Carey, C.C., **K.J. Farrell**, A.G. Hounshell, & T.N. Moore. Macrosystems EDDIE modules increase students' quantitative skills and understanding of macrosystems ecology. *Ecological Society of America*. Virtual conference, August 2021. Poster presentation.  
2020 Hounshell, A.G., **K.J. Farrell**, & C.C. Carey. Hands-on modeling activities in Macrosystems EDDIE teaching modules increase undergraduate students' ability to define, interpret, and apply advanced concepts in the environmental sciences. *American Geophysical Union Fall Meeting*. Virtual conference, 15 Dec 2020. Poster presentation.  
Carey, C.C., **K.J. Farrell**, A.G. Hounshell, & T. Moore. Macrosystems EDDIE teaching modules significantly increase ecology students' proficiency working with ecosystem models and use of systems thinking. *GLEON 21.5*. Virtual conference, 19 Oct 2020. Poster presentation.

## KAITLIN J. FARRELL

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**Farrell, K.J.**, C.C. Carey, & A.G. Hounshell. Hands-on ecosystem modeling activities increase students' understanding of macrosystems ecology. *Ecological Society of America*. Virtual conference, 3 Aug 2020. Poster presentation.

**Brisbin, M.M.**, B. Grunert, W. Beck, J. Brandt, **K. Farrell**, K. Hondula, D. Kincaid, E. Larson, A. Shogren, & J. Zwart. WikiProject L&O: Promoting Wikipedia contributions to enhance communication and public impact *Ocean Sciences Meeting*. San Diego, CA, 18 Feb 2020. Poster presentation.

### PROFESSIONAL SERVICE & ACTIVITIES (since 2019)

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#### University Service (University of Georgia):

2024 – present Experiential Learning Scholarship Review Committee (*Member*)  
2023 – present Experiential Learning Council, UGA (*Member*)  
2023 – present Domestic Field Study Advisory Council, Office of Instruction, UGA (*Chair*)  
2021 – 2022 Lecturer Search Committee, Mathematics Department, UGA (*External member*)  
2019 – 2023 Science Learning Center Management Committee, UGA (*Member*)

#### Unit-Level Service (Odum School of Ecology):

2024 – present Lecturer Search Committee (*Chair*)  
2024 – present Facilities Committee (*Member*)  
2024 – present Peer Teaching Evaluation Core Committee (*Member*)  
2023 Academic Professional Associate Search Committee (*Chair*)  
2023 Limited-Term Lecturer Search Committee (*Member*)  
2020 Public Service Professional Search Committee (*Member*)  
2019 – 2024 Undergraduate Program Committee (*Ex-officio member 2019-2023*)  
2019 – 2023 Academic Programs Committee (*Ex-officio member*)  
2019 – 2022 Diversity Committee, OSE, UGA (*Member*)  
2019 – 2020 Lecturer Search Committee, OSE, UGA (*Member*)

#### Inclusive Excellence Efforts:

2023 – 2024, 2021 Diversity, Equity, & Inclusion (DEI) Workshops, OSE, UGA  
2023, 2019 Dialogues in Diversity Lunch & Learn, Office of Institutional Diversity, UGA  
2019 Safe Space Training, LGBT Resource Center, UGA

#### Teaching-Focused Workshops & Professional Development:

2024 “The Reflective Collective”, UGA Center for Teaching & Learning (CTL; Fall 2024)  
Active Learning PLA Faculty Community, UGA CTL (Fall 2024)  
“MomentumU Online Course Design Studio”, University System of Georgia (July 2024)  
Active Learning Summit, UGA (February 2024)  
OSE Peer Teaching Evaluation training series (3 sessions; Feb. – Apr. 2024)  
“Writing & Using Teaching Self-Reflection”, UGA CTL (Jan. 2024)  
“Making Sense of Student Experience Surveys”, UGA CTL (Jan. 2024)  
2023 Active Learning Summit, UGA (February 2023)  
“Supporting 1<sup>st</sup> Generation College Students” Dialogues in Diversity, UGA (October 2023)  
2021 “The Cost of Exclusion in Higher Education” webinar (March 2021)  
“R Studio for everyone - How to teach and use RStudio Cloud in the Classroom”  
webinar, Project EDDIE (January 2021)  
2020 – 2021 Coordinated Courses Faculty Learning Community, UGA

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- 2020 “Preparing to Pivot” workshop series, UGA CTL (July 2020)  
“GRSC 7770 Instructor Workshop” workshop, UGA CTL (July 2020)  
“Online Engagement: How to do discussions well & why they aren’t enough” webinar, UGA Office of Online Learning (OOL; June 2020)  
“Successfully Leveraging Video Opportunities for your Course” webinar, UGA OOL (June 2020)  
“Framing Online Assessment” webinar, UGA OOL (May 2020)  
“How to Create Content for your Online Course” webinar, UGA OOL (May 2020)  
“Elements of Good Online Learning” webinar, UGA OOL (May 2020)  
“Making Learning Technology Work for You: Video Creation” workshop, UGA CTL (Jan 2020)  
“Gathering & Responding to Feedback on your Teaching” workshop, UGA CTL (August 2019)  
“GRSC 7770 Instructor Workshop”, UGA CTL (June 2019)

### Teaching Product Peer Review:

- 2023 Ecological Research as Education Network (EREN) teaching module check-ins (3 modules)
- 2020, 2022 General Education assessment, Critical Thinking (2020) and Quantitative Reasoning (2022), UGA Office of Instruction
- 2020 – present Project EDDIE (Environmental Data-Driven Inquiry & Exploration) Earth & Ecosystems modules (18 reviewed), Project EDDIE Statistical Vignettes (6 reviewed)

### Journal Peer Review:

*Aquatic Sciences, Biological Invasions, Ecology & Evolution, Freshwater Science, Hydrobiologia, Journal of Applied Ecology, Scientific Data, Water Resources Research*

## CURRENT PROFESSIONAL MEMBERSHIPS & AFFILIATIONS

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Biological and Environmental Data Education (BEDE) Network; 2019 – present  
Global Lakes Ecological Observatory Network (GLEON); 2014 – present