Section IV

A. Academic History

A.1. Name: Sechindra Vallury

A.2. Present Rank: Assistant Professor **Recommended Rank**: Assistant Professor
Department: Odum School of Ecology

A.3. Allocation of Effort (1.00 EFT): Instruction: 0.27; Research: 0.53; Administration: 0.13; Service: 0.07

A.4. Tenure Status: On tenure track

A.5. Administrative Title: Director of Policy, River Basin Center

A.6. Graduate Faculty Status: Active, first appointed August 2022

A.7. Highest Degree: PhD in Sustainability, School of Sustainability, Arizona State University, 2019

A.8. List of Academic Positions

08/22-present	Assistant Professor of Environmental Policy, Odum School of Ecology, University of Georgia Director of Policy, River Basin Center, University of Georgia
02/20-07/22	Postdoctoral Associate, WA Franke College of Forestry & Conservation, University of Montana
09/19-02/20	Postdoctoral Associate, Nicholas School of the Environment, Duke University
06/18-06/19	Instructor, School of Sustainability, Arizona State University
08/16-05/18	Graduate Research Associate, School of Sustainability, Arizona State University
01/15-05/16	Teaching Assistant, School of Sustainability, Arizona State University

B. Instruction

B.1. Courses Taught

I regularly teach courses with both undergraduate and graduate student enrollment. I received a 50% reduction in the teaching load in my first year. A summary of the courses I taught at UGA is provided below (Table 1). The summary table does not include my annual contributions to supervised undergraduate research, supervised graduate research, lab group meetings, and guest lectures.

Table 1: Summary of Courses Taught at UGA.

Course	% Credit	Title	Term[1]	Student Enrollment	Course Credit	Total Credit Hours	Individual Credit Hours
ECOL 8990	100	Seminar in Natural Resource Policy	S 2023	3	2	6	6
ECOL 4880/6880	100	Environmental and Natural Resource Policy	F 2023	8	3	30	30
FANR/ECOL 8500	50	Agent-Based Modeling in Ecology and Management	F 2023	8	3	24	12
ECOL 4880/6880	100	Environmental and Natural Resource Policy	F 2024	17	3	51	51
ECOL 8400	50	Perspectives on Integrative Conservation and Sustainability	F 2024	13	1-2	15	7.5
ECOL 1000E	66	Ecological Basis of Environmental Issues	S 2025	51	3	153	100.98

B.2. Guest Lectures

(i) 2022: CRSS 1020 – Introduction to Water Resources. (Dr. Nandita Gaur, University of Georgia)

(ii) 2023: AESC 8310 – Food System Sustainability, Security, and Resilience. (Dr. Jennifer Thompson, University of Georgia)

(iii) 2023: SOS 220 – Systems Thinking. (Dr. Michael Schoon, Arizona State University)

(iv) 2024: SOS 220 – Systems Thinking. (Dr. Michael Schoon, Arizona State University)

B.3. Development of New Courses

(i) ECOL 8990: Seminar in Natural Resource Policy (Developed the syllabus, selecting peer-reviewed articles and designing active-learning exercises. Created homework assignments to develop students' writing and critical thinking skills.)

(ii) ECOL 4880/6880: Environmental and Natural Resource Policy (Developed the 2-credit ECOL 8990 course to a 3-credit course. Redesigned the course structure, including syllabus, readings, and active-learning activities. Developed homework assignments to enhance writing and critical thinking skills, with additional problem-solving exercises focused on algebra and economic principles.)

(iii) Agent-Based Modeling in Ecology and Management (Co-taught with Dr. Nate Nibbelink (Warnell). Redesigned Nate's 2019 course to include social science research and updated the syllabus with more recent peer-reviewed literature and examples of NetLogo code.)

B.4. Supervision of Graduate Student Research

(i) 2023-present: Jonathan Parrish, M.S. Integrative Conservation and Sustainability. University of Georgia. Expected Graduation: Spring 2025.

[1]S: Spring; F: Fall

(ii) 2023: Jessica Mysliwski, M.S. Integrative Conservation and Sustainability. University of Georgia. Withdrew from the program in Fall 2023.

(iii) 2024-present: Mackenzie Hallmark, M.S. Ecology (Integrative Conservation and Sustainability). University of Georgia. Expected Graduation: Spring 2026.

B.5. Graduate Student Advisory Committee Membership

(i) 2023-present: Kaili Gregory, Ph.D. Integrative Conservation, Forestry & Natural Resources. University of Georgia.

(ii) 2023-present: Monika Giri, Ph.D. Integrative Conservation, Anthropology. University of Georgia.

(iii) 2023-present: Maria Ramsey, Ph.D., Agricultural Leadership & Education. University of Georgia.

(iv) 2024-present: Michaela Collins, M.S., Forestry & Natural Resources. University of Georgia.

(v) 2022-2024: Crystal Pendargast, M.S. Integrative Conservation and Sustainability. University of Georgia.

(vi) 2021-2023: Megan Seidel, Master of Natural Resources, Warnell. University of Georgia.

B.6. Supervision of Undergraduate Research

(i) 2023: Samantha Dilley, CURO. University of Georgia.

(ii) 2022: Austin Goss, Special Topics in Ecology (3480). University of Georgia.

B.7. Recognitions and Outstanding Achievements in Teaching and Mentoring:

(i) 2023: Teaching Academy Early Career Fellowship. University of Georgia.

B.8. Professional Development

(i) 2023-2024: Teaching Academy Early Career Fellowship. University of Georgia.

(ii) 2021: Mobile Summer Institute on Scientific Teaching. University of Montana.

(iii) 2019: Introduction to Spatial Agent-Based Modeling. SESYNC: National Socio-Environmental Synthesis Center.

(iv) 2018: Graduate Research Colloquium. Institute for Humane Studies.

C. Scholarly Activities & Creative Work

C.1. Publications

I have authored 17 peer-reviewed publications, all of which are journal articles. Of these, 6 have been published since my arrival at UGA. Authorship in these publications generally follows a decreasing order of contribution, where the first author leads all aspects of the paper, including conceptualization, methodology, formal analysis, and

writing. The last author contributes in a more limited capacity, contributing to theoretical justification, methodological design, and/or analysis. This is typically standard practice within social sciences.

Exceptions to this norm occur when authorship is equally shared between me and one or more co-authors; these cases are denoted with a * next to the names of the shared authors. Publications involving students or postdoctoral researchers are indicated by a †, with my role described in those instances.

(a) Journal Articles

i. **Vallury, S.**, Cook, N.J., and Nelson, D. (2024). "Social inequalities shape climate change adaptation in Indian farmers." *Environmental Research Letters.*

ii. Olivier, T.* and **Vallury, S.*** (2024). "Institutional Fit and Policy Design in Water Governance: Nebraska's Natural Resources Districts." *Policy Studies Journal.*

iii. Nesbitt, H.†, Metcalf, A., Floyd, T., Uden, D., Chaffin, B., Gulab, S., Banerjee, S., **Vallury, S.**, Hamlin, S., Metcalf, E., Fogarty, D., Twidwell, D., and Allen, C. (2024). "Social networks and transformative behaviors in a grassland social-ecological system." *People & Nature.* The lead author is a postdoctoral researcher at Boise State University. Dr. Vallury contributed to survey design and analysis.

iv. Smith, A.P.†, **Vallury, S.**, and Metcalf, E.C. (2023). "Social dimensions of adaptation in rangeland social-ecological systems: A systematic literature review." *Climatic Change*, 176, 180. The lead author was a Ph.D. student at the University of Montana and is now a postdoctoral researcher at Oregon State University. I mentored the student on this article, which was part of their dissertation, contributing to study design, analysis, and writing.

v. **Vallury, S.**, Chaffin, B. C., Hamlin, S. L., and Allen, C. R. (2023). "Communication in the science-policy interface: Evidence from a boundary organization in Nebraska, USA." *Environmental Science & Policy*, 148, 103558.

vi. Shin, H.C.†, Yousefi, P.†, Park, S.†, Yu, D.J., Janssen, M., **Vallury, S.**, and Araral, E. (2023). "Coping with Unreliable Water Supply: An Experimental Study of Exit and Voice." *Water Resources Research*, 59, e2022WR032468. The lead author was a postdoctoral researcher at Purdue University and is now an Assistant Professor at the Pohang University of Science and Technology. I contributed to experiment design, analysis, and writing.

All journal articles listed below were published before my arrival at UGA.

vii. Shin, H.C.†, **Vallury, S.**, Janssen, M.A., and Yu, D.J. (2022). "Joint effects of voluntary participation and group selection on the evolution of altruistic punishment." *PLoS ONE*, 17(5), e0268019.

viii. Breetz, H.L., Stokes, L.C.*, **Vallury, S.***, and Cuiffo, K.V. (2022). "City

Pledges for 100% Renewable Energy: A Matched Pair Analysis of Policy Adoption." *Energy Research & Social Science*, 90, 102664.

ix. **Vallury, S.**, Smith, A.P., Chaffin, B.C., Nesbitt, H.K., Lohani, S., Gulab, S., Banerjee, S., Floyd, T.M., Metcalf, A.L., Metcalf, E.C., Twidwell, D., Uden, D.R., Williamson, M.A., and Allen, C.R. (2022). "Beyond the household: a literature review of scale and aggregation in adaptive capacity research". *Environmental Research Letters*, 17, 063001.

x. **Vallury, S.**, H. C. Shin, M. A. Janssen, R. Meinzen-Dick, S. Kandikuppa, K. R. Rao, and R. Chaturvedi. (2022). "Assessing the institutional foundations of adaptive water governance in South India". *Ecology and Society*, 27(1):18.

xi. Shin, H.C.†, **Vallury, S.**, Abbott, J.K., Anderies, J.M., and Yu, D. (2022). "Understanding the role of competitive and participatory institutions in sustainable governance of irrigation systems". *Ecological Economics*, 191, 107221.

xii. **Vallury, S.** and Leonard, B.J. (2022)."Canals, Climate, and Corruption: The Provisioning of Public Infrastructure under Uncertainty". *Economics & Politics*, 34, 221-252.

xiii. **Vallury, S.**, Abbott, J. K., Shin, H. C., and Anderies, J. M. (2020). "Sustaining Coupled Irrigation Infrastructures: Multiple Instruments for Multiple Dilemmas." *Ecological Economics*, 178, 106793.

xiv. Mueller, V., Masias, I.*, and **Vallury, S.*** (2019). "Labor-Saving Technologies and Structural Transformation in Northern Ghana." *Agricultural Economics*, 50(5), 581-594.

xv. Janssen, M., Anderies, J.M., Baeza, A., Breetz, H.L., Jasinski, T., Shin, H.C., and **Vallury, S.** (2019). "Highways as coupled infrastructure systems: an integrated approach to address sustainability challenges." *Sustainable and Resilient Infrastructure*, 1-12.

xvi. Baggio, J.A., Schoon, M., and **Valury, S.** (2019). "Managing networked landscapes: conservation in a fragmented, connected world." *Regional Environmental Change*, 19(8), 2551-2562.

xvii. Bernstein, M.J., Mancha-Cisneros, M., Tyson, M., Brady, U.*, Shin, H.C.*, **Vallury, S.***, Smith-Heisters, S., Ratajczyk, E. (2019). "Mapping Ostrom's Common-pool Resource Systems Coding Handbook to the Coupled Infrastructure Systems Framework to Enable Comparative Research." *International Journal of the Commons*, 13(1), 528-52.

(b) Works Submitted But Not Yet Accepted

i. **Vallury, S.**, Kaur, R., and Orford, A. "Mapping Equity in Clean Energy Infrastructure Development Across the Southeastern U.S." *Under review at Nature Energy.*

ii. **Vallury, S.**, Nelson, D., and Cook, N.J. "Rethinking Adaptation Interventions in Agricultural Systems for Sustainability." *Under review at Current Opinion in Environmental Sustainability.*

iii. Benedum, M.E.†, Cook, N.J., and **Vallury, S.** "Out-Migration and Participation in Community-Based Natural Resource Management: The Role of

Remittances." *Revise and resubmit at Ecology & Society.*

C.2. Grants and Fellowships Received

I have been awarded a total of $868,007 in research grants and fellowships, including $850,007 since I joined UGA in 2022. The total amount awarded is listed for each grant or fellowship. This list excludes large, multi-PI grants such as N-EWN. Awards of less than $4,000 are not listed.

2024-2027 National Science Foundation Human-Environment and Geographical Sciences Program. *"Equitable pathways to climate-smart agriculture: Rethinking adaptation as a continuum."* Principal Investigator. Total Award: $400,000. Award to UGA: $320,660.

2024-2027 National Science Foundation - Belmont Forum. *"Mitigation and Adaptation in Cultural Heritage Landscapes: Lessons from Transhumant Pastoral Systems for Managing Novel Climate Risks."* Co-principal Investigator. Total Award: $399,906. Award to UGA: $335,347.

2024-2024 National Science Foundation Centers for Research and Innovation in Science, the Environment, and Society. *"Collaborative Research and Education Center for Transformative Water Solutions."* Co-principal Investigator. Total Award to UGA: $100,000.

2024-2025 U.S. Department of Interior. *"The 2025 Biennial Georgia Water Resources Conference."* Principal Investigator. Total Award: $25,000, distributed over two years in equal installments of $12,500 per year. Award to UGA: $12,500 for Year 1.

2023-2024 U.S. Department of Interior. *"The 2023 Biennial Georgia Water Resources Conference Year 2."* Co-principal Investigator. Total Award to UGA: $12,500.

2023-2024 UGA E-Mobility Seed Grant. *"Georgia E-Mobility Advancement Research for a Sustainable, Healthy, Innovative, and Fair Transition."* Co-principal Investigator. Total Award: $65,000.

2023-2024 UGA Teaming for Interdisciplinary Research Pre-Seed Grant. *"Adaptive Smallholder Agriculture in a Changing Climate."* Co-principal Investigator. Total Award: $4,000.

2018-2019 Humane Studies Graduate Fellowship, Institute for Humane Studies. Principal Investigator. Total Award: $10,000.

2016-2017 Neely Foundation Food & Agriculture Sustainability Research Grant, Arizona State University. Principal Investigator. Total Award: $4,000.

C.3. Recognitions and Outstanding Achievements

2024	Hayek Research Award, The Institute for Humane Studies
2023	Teaching Academy Early Career Fellowship, University of Georgia
2021	Hayek Research Award, The Institute for Humane Studies
2018	Graduate Dissertation Fellowship, Center for Study of Economic Liberty, Arizona State University.

C.4. Supervision of Student Research

The table below lists the students I supervised at UGA as their advisor, including undergraduate research projects and master's theses. It does not include students for whom I served as a committee member on master's or PhD research.

Table 3: Summary of Supervision of Student Research

Academic Year	# Undergraduate research projects advised	# MS research projects advised	# PhD research projects advised	# Theses & dissertations supervised
2024-2025	none	2 (Jonathan Parrish; Mackenzi Hallmark)	none	2
2023-2024	1 (Samantha Dilley)	1 (Jonathan Parrish). Initially started with 2 students, but one student (Jessica Mysliwski) withdrew from the program in Fall 2023.	none	1
2022-2023	1 (Austin Goss)	none	none	none

(a) **Grants and Other Accolades Awarded to Graduate Mentees**

- 2024: Mackenzi Hallmark. Butler Fellowship. University of Georgia.
- 2023: Jonathan Parrish. Butler Fellowship. University of Georgia.
- 2023: Jessica Mysliwski. Graduate School Master's Fellows Award. University of Georgia. (Withdrew from the program in Fall 2023.)

(b) **Grants and Other Accolades Awarded to Undergraduate Mentees**

- 2025: Damiano Saldago. Washington Semester Program. University of Georgia.
- 2024: Ashley Orlet. International Climate Policy Fellowship. Center for American Progress. Washington, D.C. USA.
- 2023: Samantha Dilley. CURO. University of Georgia.

C.5. Presentations

I delivered a total of 19 presentations at national and international conferences, symposia, and academic institutions, including 4 invited oral presentations since joining UGA. Additionally, student advisees have delivered 2 presentations (one oral talk and one poster) during this time. Presentations marked with † indicate a talk or poster presented by a student advisee, with students' names underlined. All other presentations were delivered by me. Talks presented by collaborators (with me listed as a co-author) are not listed here but are available upon request.

(a) Invited Seminars

i. 2025: *Unequal Geographies of Climate Adaptation.* Department of Earth Sciences. Montana State University.

ii. 2024: *Governance for Sustainable Climate Adaptation: Lessons from South Asia and the U.S.* School of International Affairs, Pennsylvania State University.

iii. 2023: *Social Inequalities in Climate Adaptation.* 2023 Symposium on Integrative Conservation. Center for Integrative Conservation Research. University of Georgia.

iv. 2023: *Natural Infrastructure and Equity.* Georgia Water Resources Conference. University of Georgia.

v. 2018: *Technology Adoption in the Presence of Shared Infrastructure: The Case of Long-Enduring Tank Irrigation Systems in India.* Institute for Humane Studies Research Colloquium. Arlington, Virginia, USA.

(b) Conference Talks

i. 2025: *Disaggregated information treatments in a groundwater experiment.* XX Biennial Conference of the International Association for the Study of the Commons. Amherst, Massachusetts, USA.

ii. 2025: *Access Inequalities in Energy Infrastructure in Southeast U.S.* Midwest Political Science Association Annual Conference. Chicago, Illinois, USA.

iii. 2025: Presenter: Jonathan Parrish[†]. *Assessing Stormwater Management: An Analysis of Local Governance of Stormwater Infrastructure.* Graduate Student Symposium. Odum School of Ecology, UGA, Athens, GA.

iv. 2024: *Differentiated Effects of Climate Migration.* National Sustainability Society Inaugural Conference. Seattle, Washington, USA.

v. 2024: *Spatio-temporal effects of energy infrastructure access.* Society for Applied Anthropology. Santa Fe, New Mexico, USA.

vi. 2024: *Social inequalities and persistence of institutions.* 7^{th} Workshop on Ostrom Workshop. Bloomington, Indiana, USA.

vii. 2023: *Economics of unequal groundwater access in India.* 2023 Association of Public Policy Analysis & Management. Atlanta, Georgia, USA.

viii. 2023: *Institutional Fit and Policy Design in Water Governance: Nebraska's Natural Resources Districts.* 2023 Association of Public Policy Analysis & Management. Atlanta, Georgia, USA.

ix. 2023: *Social inequalities shape climate change adaptation among Indian farmers.* XIX Biennial Conference of the International Association for the Study of the Commons. Nairobi, Kenya.

x. 2022: *Assessing the institutional foundations of adaptive water governance in South India.* Earth System Governance. Toronto, Canada.

xi. 2021: *Beyond the household: a literature review of scale and aggregation in adaptive capacity research.* International Association for Society and Natural Resources Conference. Virtual.

xii. 2019: *Institutions Without Romance: Corruption and Provision of Shared Infrastructure in Canal Irrigation Systems.* 6^{th} Workshop on the Ostrom Workshop, Indiana University. Bloomington, Indiana, USA.

xiii. 2018: *Technology Adoption in the Presence of Shared Infrastructure: The Case of Long-Enduring Tank Irrigation Systems in India.* Earth Systems Governance Conference. Utrecht, Netherlands.

xiv. 2018: *Corruption in Irrigation Systems.* 55^{th} Annual Meetings of the Public Choice Society. Charleston, South Carolina, USA.

xv. 2017: *Labor-Saving Technologies and Structural Transformation in Northern Ghana.* Workshop on Gender, Agricultural Growth, and Rural Transformation Research, International Food Policy Research Institute. Washington D.C., USA.

(c) Poster Presentations

i. 2024: Presenter: Jonathan Parrish†. *Assessing Stormwater Management: An Analysis of Local Governance of Stormwater Infrastructure.* Graduate Student Symposium. Odum School of Ecology, UGA, Athens, GA.

D. Professional Service

D.1. Service to Professional Societies, Organizations, or Agencies

i. 2025: Conference Chair. Georgia Water Resources Conference. Athens, Georgia, USA.

ii. 2025: Panel Chair. XX Biennial Conference of the International Association for the Study of the Commons. Amherst, Massachusetts, USA.

iii. 2025: Panel Chair. Midwest Political Science Association Annual Conference. Chicago, Illinois, USA.

iv. 2023: Conference Co-chair. Georgia Water Resources Conference. Athens, Georgia, USA.

D.2. Editorships or Editorial Board Memberships for Journals

i. 2022-present: Associate Editor. Ecology & Society.

ii. 2024-present: Associate Editor. Journal of Development Perspectives.

D.3. Ad-hoc Manuscript Reviews

- Current Research in Environmental Sustainability (2)
- Ecological Economics (4)
- Ecology & Society (3)
- Environmental Science & Policy (3)
- Hydrological Sciences (1)

- International Journal of Commons (4)
- Journal of Development Perspectives (1)
- Policy Studies Journal (2)
- Society & Natural Resources (3)
- Sustainable Cities and Society (2)
- World Development (2).
- **Total by year**: 2024: 6; 2023: 4; 2022: 4; 2021: 6; 2020: 4; 2019: 3.

D.4. Grant Review Panel Member

i. 2024: Social Sciences and Humanities Research Council of Canada.

ii. 2023: Georgia Sea Grant Research Traineeship Program.

D.5. Ad-hoc Grant Reviews

i. 2022: National Science Foundation Human-Environment Geographical Systems Program.

D.6. Service on Departmental, College, or University Committees

i. 2024-present: University Council

ii. 2024-present: Undergraduate Committee

D.7. Service to Student Groups and Organizations

i. 2022-present: Judge, Graduate Student Symposium, Odum School of Ecology.

ii. 2023-present: Organizer, Graduate Student Welcome Lunch, River Basin Center.

iii. 2023-present: Organizer, Confluence: Graduate Student Poster Symposium, River Basin Center.

Accomplishments in Research, Teaching and Administration

1. Achievements in Teaching

Since joining UGA, I taught six courses, including five in-person, lecture-based courses and one asynchronous, online course. I have received strong teaching evaluations, with a grand mean of 4.61/5 across all courses (n = 21 respondents). In Fall 2023 and Fall 2024, I taught ECOL 4880/6880: Environmental and Natural Resource Policy, a dual-listed undergraduate and graduate course that received an average student evaluation of 4.71/5 (n = 12). ECOL 4880 (undergraduate level) and ECOL 6880 (graduate level) are designed to provide students with a comprehensive understanding of environmental and natural resource governance, integrating key concepts from ecology, economics, political science, and public policy. This

course addresses a key gap in policy education at UGA, drawing consistent enrollment from students across multiple departments (e.g., Warnell, Crop and Soil Sciences, and Geography). I also contribute to the undergraduate-level instruction through ECOL 1000E: Ecological Basis of Environmental Issues, an online course that fulfills a core class for students pursuing non-Ecology majors. At the graduate level, I co-developed ECOL/FANR 8500: Agent-Based Modeling in Ecology and Management with Dr. Nate Nibbelink to enhance collaboration between Warnell and Ecology. The course provides students with an interdisciplinary framework for modeling ecological and social systems. In addition, I co-teach ECOL 8400: Perspectives on Integrative Conservation and Sustainability, which actively integrates interdisciplinary conservation science with real-world applications, bringing in both academics and practitioners from across the country. This course, which satisfies a requirement for both the Integrative Conservation (ICON) Ph.D. program and the M.S. Ecology (ICAS) degree programs, introduces students to conservation research and applied conservation work. In all my lecture-based courses, I have developed new instructional content, including discussions, active learning activities, and assignments for building quantitative, critical thinking, writing, and presentation skills. I was selected for UGA's Early Academy Teaching Fellows in 2023, which reflects my commitment to teaching excellence.

2. Achievements in Research

I am a quantitative social scientist whose research focuses on the political economy and distributional effects of climate adaptation in rural households. I primarily work in agricultural communities in South Asia, drawing comparative insights from the U.S. and Europe. My work is organized into three interrelated themes. First, I investigate how agricultural households respond to environmental risks, focusing on the role of socio-economic and demographic factors in shaping access to adaptation interventions and determining their long-term sustainability. Second, I study how macro-level policies influence access to land and water resources, with an emphasis on the structures and regulatory patterns that govern shared water and land resources. Third, I seek to understand the feedbacks between individual adaptation decisions and broader socio-economic and environmental contexts, examining how these interactions shape the resilience of agricultural systems to environmental stressors.

My research is inherently interdisciplinary, often drawing on economics, political science, and human geography to answer questions related to social welfare. My work uses multiple methodological approaches, including econometrics, behavioral experiments, bioeconomic and computational models. This interdisciplinary and applied approach is evident in my publication record, which appears in both disciplinary and interdisciplinary journals. My research has been further enriched by collaborations with development organizations such as the International Food Policy Research Institute and the Environmental Defense Fund. These partnerships have been instrumental in securing multiple external grants, both as PI and Co-PI. While much of my work is rooted in the Indian subcontinent, collaborations with non-profits such as the Tennessee Aquarium and Nebraska Water Center, have recently enabled me to initiate projects on fertilizer best practices and water governance in U.S. agriculture.

Since joining UGA, I have submitted a total of 11 proposals to federal funding agencies. Of these, I secured funding as Principal Investigator on one and as Co-Principal Investiga-

tor on two National Science Foundation grants, as well as Principal Investigator on one and Co-Principal Investigator on one U.S. Department of Interior grant. I currently have one proposal under review with the National Science Foundation and one with the U.S. Department of Agriculture. Additionally, I received two internal grants from UGA's Office of Research: Pre-Seed Grant as Principal Investigator and a Seed Grant as Co-Principal Investigator. I authored 17 peer-reviewed publications, with an H-index of 7 and an i10-index of 4, and my work has been cited 119 times (as of March 4, 2024). I served as the first author on seven publications and have mentored five student- or postdoc-led articles. I actively balance publishing in both disciplinary and interdisciplinary journals, with articles appearing in Policy Studies Journal (1), Environmental Science & Policy (1), Ecological Economics (2), Environmental Research Letters (2), Agricultural Economics (1), and Economics & Politics (1). Notably, Policy Studies Journal ranks in the top 10% of Public Administration journals (5/232), reflecting its high standing in policy research.

3. Achievements in Administration

My administrative role is the Director of Policy of the UGA River Basin Center (RBC), which aims to translate the water-related science of UGA into management and policy. In this role, I have been primarily responsible for the day-to-day management of Spencer and Butler Fellows, expanding the Center's engagement with the UGA graduate student community, and planning the Georgia Water Resources Conference. Additionally, I collaborate with RBC's Director of Science, Seth Wenger, Associate Director, Krista Capps, and the RBC Advisory Board to secure funding, expand the Center's affiliates, and implement our strategic plan. Some key highlights from my three years in this role include:

- In 2023, the RBC launched *Confluence: Water Policy Poster Symposium* for graduate students to showcase their research on water science and policy to an interdisciplinary audience from across the university. This symposium, the only one of its kind at UGA, has since become a standing event, successfully held in Fall 2023 and Fall 2024. Both years, the event received $4,000 in funding from multiple units at UGA to support student prizes.

- In 2024, I assumed the role of Program Chair for the 2025 Georgia Water Resources Conference, scheduled for March 25–26. For this year, the conference has secured over $70,000 in sponsorships, the highest-ever funding for the event. The program features 26 special sessions, over 120 talks and 70 posters, and has over 330 confirmed attendees as of March 9, 2024.

- In 2024, I also took over as the planner for the Climate and Water Slam, an event jointly supported by the RBC, the Office of Sustainability, and the Georgia Initiative for Climate and Society. This year's event saw a record number of 32 lightning talks from UGA graduate students and faculty, further expanding the event and the Center's reach and impact.