

Laurie Fowler

Executive Director for Public Service and External Affairs
Co-director of the River Basin Center
Odum School of Ecology
Clinical Faculty, School of Law
University of Georgia
<http://www.rivercenter.uga.edu>

Education

1990 L.L.M. in Marine Affairs, University of Washington School of Law
1983 J.D. University of Georgia School of Law
1980 B.A. University of the South

Academic and Professional Positions

December 2015 Executive Director for Public Service and External Affairs
2010-2015 Associate Dean for Administrative Affairs
2003-present Director for Policy, River Basin Center
1991-present Clinical Faculty, University of Georgia School of Law
1993-1997 Executive Director, Georgia Environmental Policy Institute
1987-1992 Private practitioner
1983-1987 Co-Director, the Legal Environmental Assistance Foundation of Georgia

Service to the University

2014-present VP for Public Service and Outreach's Academic Outreach Administrators Group
2011-present Sustainability Across the Curriculum Committee of Sustainable UGA
2011-present Organizing Committee for the Georgia Water Resources Conference
2010-present Roosevelt Institute Mentor
2010-present UGA Costa Rica Advisory Board
2009-2011 University Committee on Outreach and Engagement
2009-present Interdisciplinary Conservation Ph.D. Planning Committee
2009-2011 Service Learning Curriculum Committee
2005-2010 University Council (including executive committee)
2006-2008 UGA Focus the Nation Planning Committee, Co-chair
2006-present CURO Research Mentor
2005 Annual Public Service and Outreach Conference Planning Committee
2004-2005 Lilly Fellow Mentor
2002-2004 Balanced Growth Initiative Committee (Initiative of the Office of PSOR)
2000-2002 Founding Member, Alliance for Quality Growth

Professional Service (since joining the University)

Steering Committee for the 2017 SEC Academic Conference (on Water) (2014-present)
Board of Directors, Second Nature (2015-present)
Board of Directors, Friends of the Natural History Museum of Georgia (2010-2013)
Board of Advisors, Wharton Conservation Center, Georgia Wildlife Federation (2008-present)
Earthcraft Communities Regional Council (2009-2014)
Organizing Committee, Southeast Smart Growth Network (2009-2013)
Manuscript Reviewer for *Freshwater Science* 2015
Proposal Reviewer for the 2015 National Estuarine Research Reserve System Collaborative Science Funding Opportunity (University of Michigan Water Center)
Manuscript Reviewer for the *Journal of the American Planning Association* (2006-present)

Appointed by the Georgia Chamber of Commerce to the Planning Committee for its first Annual Environmental Conference and subsequent conference (2006-2012)

Appointed by the Lyndhurst Foundation and the National Open Space Initiative to the Northwest Georgia Land Conservation Fund Advisory Committee (2006-2012)

Appointed by Governor Perdue to the Georgia Land Conservation Partnership Advisory Council (2004)

Appointed by Governor Barnes to staff the Georgia Community Greenspace Advisory Council (2003)

Appointed by the Georgia Department of Natural Resources Commissioner to the Steering Committee for the Georgia Comprehensive Wildlife Conservation Strategy (2003-present)

Appointed by Attorney General Thurbert Baker to the Attorney General's Water Advisory Committee (2003-2005)

Appointed by the Chairmen of the House and Senate Natural Resource and Environmental Committees to the Georgia General Assembly's Water Plan Advisory Committee (2001-2002)

Appointed by Governor Barnes to the Governor's Environmental Advisory Council (2001-2003)

Board of Directors, Georgia Conservancy (2000-2005)

Legal and Technical Assistance and Consultation (limited to last two decades)
Contracts and grants exceed \$5 million from 85 sources while at UGA

2016	Southern Company <i>Restoration of Lake Herrick</i>	Co-PI	\$200,000
2015	Riverview Foundation <i>Restoration of Lake Herrick</i>	PI	\$75,000
2015	Coca-Cola Foundation <i>Developing a Public Education Campaign for the Sewanee Constructed Wetlands</i>	PI	\$60,000
2015	National Fish and Wildlife Foundation <i>Southeastern Aquatic Biodiversity Conservation Opportunity Analysis</i>	Co-PI	\$138,691
2015	Georgia Water Resources Institute <i>Market-Based Approaches to Resolve Water Conflicts in the ACF River Basin</i>	PI	\$17,910
2014	Ray C. Anderson Foundation <i>Creating a University-wide Culture of Sustainability Around Campus Streams</i>	Co-PI	\$44,000
2014	Georgia Sea Grant <i>Coastal Georgia Regional Wastewater Plan</i>	PI	\$230,000
2013	U.S. Department of Interior <i>Assessing Fish Dynamics in the ACF</i>	PI	\$108,000
2012	U.S. Environmental Protection Agency/Georgia Environmental Protection Division Wetlands Program Development Grant <i>Guidebook for Protecting Wetlands at the Local Government Level</i>	PI	\$88,500
2012	U.S. Environmental Protection Agency/Georgia Environmental Protection Division Clean Water Act Section 319 Grant <i>Developing a Nine-Key Element Plan for the Restoration of UGA Campus Streams</i>	PI	\$43,500
2012	U.S. Environmental Protection Agency/Georgia Environmental Protection Division Clean Water Act Section 319 Grant <i>Restoring Horsepen Creek (St. Marys River) By Managing Onsite Wastewater Treatment Systems</i>	PI	\$100,000
2012	National Sea Grant Law Center, University of Mississippi <i>Restoring Impaired Waters through Local Government Control of Nonpoint Source Pollution</i>	PI	\$35,000
2011	SE Smart Growth Network EPA Resource Conservation Challenge Grant <i>Analysis of Green Building Policies in the SE U.S.</i>	PI	\$22,720
2011	U.S. Environmental Protection Agency/Georgia Environmental Protection Division Wetlands Program Development Grant <i>Guidebook for Protecting Wetlands at the Local Government Level</i>	PI	\$117,995

2011	Georgia Forestry Commission Urban and Community Forestry Program <i>Tax Assessment of Land Encumbered by Conservation Easements</i>	PI	\$5,000
2009	NJUN, Inc. <i>Tools for Local Government Implementation of NJUN Onsite Wastewater Treatment System</i>	PI	\$38,000
2009	Mountain Creek Valley, Inc. <i>"Ridge to River" Overlay Zone Amendment and Memo</i>	PI	\$7,000
2008	U.S. Fish and Wildlife Service & Georgia DNR <i>Adoption of the Etowah Habitat Conservation Plan</i>	Co-PI	\$217,000
2008	Dobbs Foundation <i>Green Building Conceptual Design and Plan for a Living Lab</i>	PI	\$180,000
2007	GA DNR Coastal Resources Division <i>Coastal Georgia Green Developer Program: Phase II</i>	Co-PI	\$65,132
2007	Newton County <i>TDR Ordinance</i>	Co-PI	\$10,347
2007	Center for Watershed Protection <i>Development Of Model Stormwater Ordinance and Stormwater Utility "How-To" Guide</i>	Co-PI	\$16,400
2007	City of Jefferson <i>Update of Curry Creek Watershed Impervious Cover Overlay Recommendations and Calculations</i>	Co-PI	\$5,000
2007	City of Atlanta <i>Conservation Subdivision Ordinance</i>	Co-PI	\$8,800
2007	Georgia Forestry Commission <i>Motivating Private Land Conservation to Maximize Ecosystem Services</i>	PI	\$19,964
2007	Georgia Environmental Protection Division <i>Completion of Wetlands Protection Project</i>	PI	\$15,944
2007	GA DNR Coastal Resources Division <i>Legal Review and Recommendations for Coastal Nonpoint Source Program</i>	Co-PI	\$1,500
2007	GA DNR Coastal Resources Division <i>Coastal Riparian Buffer Management Options – Addendum</i>	Co-PI	\$1,500
2006	Jim Butler <i>Endowment for River Basin Center Fellows</i>	Co-PI	\$1,000,000
2006	Fontaine Brothers <i>Environmental Practicum Enhancement</i>	PI	\$75,000
2006	DeKalb County <i>TDR Study</i>	Co-PI	\$20,600
2006	Office of Energy Resources <i>UGA Green Building Workshop</i>	PI	\$20,000
2006	GA DNR Coastal Resources Division <i>Technical Assistance for Upland Stakeholder Group</i>	PI	\$4,400
2006	GA Environmental Protection Division <i>Protecting Coastal Waters through Development of Innovative Local Government Management Tools: Model Coastal Buffer Ordinance</i>	PI	\$20,000
2006	U.S. Fish and Wildlife Service & Georgia DNR <i>Completion of the Etowah Habitat Conservation Plan</i>	Co-PI	\$98,398
2005	The Georgia Conservancy <i>Thomas County TDR Study</i>	PI	\$17,600
2005	Arkansas Urban Forestry Council <i>Presentation on Land and Water Quality Protection Tools</i>	PI	\$1,586
2005	U.S. E.P.A. & GA Environmental Protection Division <i>Wetlands Protection</i>	Co-PI	\$300,000
2005	U.S. E.P.A. & GA Environmental Protection Division <i>Watershed Center of Excellence Pilot Project</i>	PI	\$900,000
2005	U.S. Fish and Wildlife Service & Georgia DNR <i>Etowah Aquatic Habitat Conservation Plan Development</i>	Co-PI	\$392,608
2005	Georgia Department of Community Affairs	PI	\$15,000

<i>Tifton Brownfields Analysis</i>			
2004	National Wildlife Federation <i>Vegetated Roof Study</i>	PI	\$1,200
2004	Athens-Clarke County <i>TDR Feasibility Study</i>	Co-PI	\$28,000
2004	City of Warner Robins <i>Russell Parkway Revitalization, Ordinance Review</i>	PI	\$5,000
2004	Georgia Department of Natural Resources <i>Satilla Initiative Research Assistance</i>	PI	\$10,000
2004	Georgia Wildlife Federation <i>Statewide Water Planning Process Research</i>	PI	\$7,638
2004	The Georgia Conservancy <i>Scenic Byway Management Tools</i>	PI	\$10,000
2004	Georgia Department of Community Affairs <i>Strip Corridor Revitalization Guidance</i>	PI	\$2,000
2004	U.S. Fish and Wildlife Service & Georgia DNR <i>Etowah Regional Aquatic Habitat Conservation Plan</i>	Co-PI	\$355,634
2004	U.S. Department of Agriculture <i>Nutrient Trading in the Etowah Watershed</i>	Co-PI	\$597,872

Awards and Recognition

- 2015 UGA Service Learning Fellow
- 2011 (Inaugural) Sustainable Faculty Member of the Year, Sustainable UGA
- 2010 Georgia Adopt-A-Stream Watershed Award (for the Environmental Practicum)
- 2010 Ogden Doremus Award for Excellence in Environmental Law, GreenLaw
- 2009 Dean's Award for Professional Achievement, Odum School of Ecology
- 2007 Annual Merit Award, Georgia Chapter of the Soil and Water Conservation Society
- 2007 Regional Director's Award, U.S. Fish and Wildlife Service
- 2007 Walter B. Hill Award for Outstanding Achievement in Public Service and Outreach, University of Georgia
- 2005 Outstanding Environmental Educator Award, Georgia Association of Environmental Educators
- 2001 Purple Heart Award, University of Georgia Ecology Graduate Students
- 2000 Gubernatorial Commendation from Governor Roy Barnes
- 2000 *Athens Banner Herald* Top Ten Citizens of the Year
- 1999 Public Interest Attorney of the Year, University of Georgia School of Law
- 1998 The Eugene Odum Award, Georgia Environmental Organization
- 1998 Special Achievement in Environmental Activism, Georgia Wildlife Federation
- 1996 Georgia Citizen of the Year Award, Citizen Action (national organization)
- 1995 Drum Major for Justice Award, New Town Florist Club
- 1995 Hall of Fame, Legal Environmental Assistance Foundation (FL, AL, GA)
- 1995 Alec Little Environmental Award
- 1993 Hall of Fame, Citizens Clearinghouse for Hazardous Wastes (national organization)
- 1989 Special Achievement Award for Professional Services, Georgia Environmental Council

Publications Authored/Coauthored/Edited (limited to last decade/ space constraints)

- Cohen, M, I. Creed, I., Alexander, N. Basum, A. K. Calhoun, C. Craft, E. D'Amico, E. DeKeyser, L. Fowler, and others. *Do geographically isolated wetlands influence landscape functions?* 2016. Proceedings of the National Academy of Sciences. *In press MS # 2015-12650R.*
- Hardy, D., L. Fowler and J. Hepinstall-Cynerman. *Prioritizing conservation easement recruitment efforts: A policy-informed conservation assessment of private land.* *Southeastern Geographer. In press to be published January or April 2016.*

- Mushet, D., A.K. Calhoun, L. Alexander, M. Cohen, E. DeKeyser, L. Fowler, C. Lane, M. Lang, M. Rains, and S. Walls. *Geographically Isolated Wetlands: Rethinking a Misnomer*. 2015. Wetlands: 1-9.
- Fowler, L, Bonney, S and Sheehan, K. Options for Transboundary Governance to Promote Sustainable and Adaptive Water Management in the Apalachicola-Chattahoochee-Flint Basin. 2014. Apalachicola-Chattahoochee-Flint Stakeholders, Inc.
- (Fowler. L. Editor) Sheehan, K., S. Bonney, C. Bartenstein, and B. Easley. 2014 Apalachicola-Chattahoochee-Flint Water Management GAP Analysis. Apalachicola-Chattahoochee-Flint Stakeholders, Inc.
- Sheehan, K. and L. Fowler. Local Wetland Programs: A Guide for Georgia Communities. 2013. Environmental Protection Division, Georgia Department of Natural Resources.
- Bonney, S., C. Bickerton and L. Fowler. Identification and Evaluation of Institutional Models for the Effective Transboundary Management of the Apalachicola-Chattahoochee-Flint River Basin. 2012. ACFS Stakeholders, Inc.
- Fowler, L. Restoring Our Nation's Waters from the Grassroots: Local Government Strategies. 2012. National Sea Grant Law Center.
- Sheehan, K. and Fowler, L. Decentralized Wastewater Management: A Guidebook for Georgia Communities. 2011. University of Georgia River Basin Center.
- Wenger, S., Freeman, M., Fowler, L., Freeman, B. and Peterson, J. *Conservation planning for imperiled aquatic species in an urbanizing environment*. 2010. Landscape and Urban Planning 97 (2010) 11–21.
- Fowler, L. & Franzen, E. Wetlands Protection Options for the State of Georgia: A Survey of Regulatory, Acquisition and Incentive Policies. 2009. Environmental Protection Division, Georgia Department of Natural Resources.
- Carter, T. and Fowler, L. Establishing green roof infrastructure through environmental policy instruments. 2008. Environmental Management.
- Wenger, S., Carter, T., Vick, A. & Fowler, L. *Runoff Limits: An ecologically-based stormwater management program*. 2008. Stormwater.
- (Fowler. L. Editor) Etowah HCP Steering Committee. Etowah Aquatic Habitat Conservation Plan. 2007. University of Georgia River Basin Center.
- Tippins, D., N. Thomson, M. Butler, L. Fowler, and M. Lawrence (Eds.). Environmental Dilemmas in Georgia: Considering alternative solutions. 2006. National Science Foundation Partnership for Reform in Mathematics and Science Education.
- Fowler, L. *Linking Conservation in the Classroom with the Community*. 2005. A case study for Principles of Conservation Biology, 3rd edition, companion website at www.sinaeur.com/groom.
- Fowler, L. An Analysis of Existing Development and Land Use Policies Affecting Upper-Cahaba Watershed Health. 2004. Report for the Upper Cahaba Consortium (Birmingham AL).
- Wenger. S. and Fowler, L. Protecting Stream and River Corridors: Creating Effective Local Riparian Buffer Ordinances. University of Georgia Carl Vinson Institute of Government.

Invited Presentations (representative only and limited to last three years/space constraints)

- “The Science-Policy Interface: Bridging Environmental Science and Policy in the 21st Century”, plenary session panel opening the 2015 Georgia Water Resources Conference. Athens GA (April 28, 2015).
- “Why Fight?: The Potential for Transboundary Water Management to Resolve the ACF Water Wars”, Georgia Environmental Conference. Jekyll Island GA (August 20, 2015).
- “Brokering the Water Wars”, Monthly Meeting of the Northeast Branch of the Georgia Society for Civil Engineers. Athens GA (July 16, 2015).
- “The Future of Interstate Water Compacts: Is the Compact Era Over: Still Hope in the ACF Basin”, 2014 Annual Meeting of the Environment, Energy and Resources Section of the American Bar Association. Las Vegas NV (June 6, 2014).
- “FL v. GA: The Latest in Litigation/ Consensus from the Water Wars”, Bloomberg BNA Seminar (June 2014).
- “Marrying Policy and Science”, Keynote Speech to the Georgia Tech Civil Engineering Program Graduate

Student Symposium (April 11, 2014).

“Local Environmental Priorities and Law”, Environmental Law Section of the Georgia Bar Summer Session, Hilton Head, SC (July 21, 2012).

“Restoring the Nation’s Impaired Waters at the Local Government Level”, 2012 International Conference of the Coastal Society, Miami, FL (June 4, 2012).

“Evolving Lessons on Transboundary Water Management Institutions”, 2012 Meeting of the Freshwater Mussel and Mollusk Conservation Society, Athens GA (April 19, 2012).

“Lessons on Developing a Multi-state Water Management Plan and Institution in the Southeast United States”, Environmental Science and Engineering Graduate Seminar, University of Texas, San Antonio, TX (March 30, 2012).

Experience with Graduate Education

Dissertations Supervised—2 (Timothy Carter and Erin Dreelin) with an additional 3 current Ph.D. students (Shannon Bonney, Katherine Brownson and Ben Liverman).

Masters Theses Supervised—20 (Danyel Addes, Sarah Gaines Barmeyer, Catherine Bartenstein, Jeffrey Stephen Boring, Katherine Nicole Edmonds, Christa Frangiamore, Raysun Goergen, Robert Dean Hardy, Rebecca Haynes, Casey Reed Hill, Laura Keyes, Sheena Logothetti, Kristi Lynne Minahan, Nanette Nelson, Kelly Robinson, Kelly Sands Siragusa, Ellen Sutherland, Seth Wenger and Amanda Worthington with an additional 3 current masters students (Laura Early, Matthew Carroll and Philipp Nussbaum).

Additional Ph.D. and Masters Committees Served On—23

Fulbright Scholar sponsored: Elvira Pushkareva, Russian Academy of Sciences, Council for the Research of Productive Forces, Moscow, Russia, Law, Environmental Problems of the Arctic and Antarctic: Comparative Legal Analysis.

Postgraduate scholars sponsored: 2 (Timothy Carter and Seth Wenger).