

LAURA ERIN ENGLAND

Practitioner in Residence
Department of Sustainable Development
Appalachian State University
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EDUCATION & TRAINING

- **Certified Environmental Educator**, Office of Environmental Education, North Carolina Department of Environmental Quality. 8/2015.
- **M.S. Ecology**, University of Georgia, Athens, GA. Thesis: *Riparian Forest Cover at Multiple Scales: Influences on Instream Habitat, Aquatic Assemblages and Food Webs in Headwater Streams*. Funded by U.S. Environmental Protection Agency Science to Achieve Results (EPA STAR) Fellowship. 5/2003. *Summa cum laude*.
- **Graduate Certificate in Conservation Ecology & Sustainable Development**, University of Georgia, Athens, GA. 5/2002. *Summa cum laude*.
- **B.S. Environmental Science: Ecology Concentration**, North Carolina State University, Raleigh, NC. 12/1998. *Summa cum laude*.
- **B.S. Multidisciplinary Studies: Art & Values in a Technological Society**, North Carolina State University, Raleigh, NC. 12/1998. *Summa cum laude*.

TEACHING POSITIONS

- **Practitioner in Residence, Department of Sustainable Development, Appalachian State University**, Boone, NC. Responsibilities include developing and teaching dynamic courses (e.g., Science for Sustainability, Issues in Environmental Sustainability, Outreach Skills for Sustainability, Climate Responses & Response-Ability, Watershed Protection) that are integrated into an interdisciplinary sustainable development curriculum; advising 20-40 majors and minors each semester; developing and leading sustainability focused engagement efforts; and service to department, college, university and community. 7/2021-present.
- **Senior Lecturer, Department of Sustainable Development, Appalachian State University**, Boone, NC. Responsibilities same as above. 7/2017 – 6/2021.
- **Lecturer, Department of Sustainable Development and Department of Biology, Appalachian State University**, Boone, NC. Responsibilities same as above. 1/2011 – 6/2017
- **Adjunct Instructor, Sustainable Development Program and Department of Biology, Appalachian State University**, Boone, NC. Taught environmental studies courses. 1/2010 – 12/2010.
- **Teaching Assistant, College of Environment and Design, University of Georgia**, Athens, GA. Course: Tanyard Creek Restoration Studio. 1/2002 – 8/2002.
- **Teaching Assistant, School of Ecology, University of Georgia**, Athens, GA. Course: Introduction to Environmental Issues—Laboratory. 1/2000 – 5/2000.

OUTREACH POSITIONS

- **Outreach Coordinator, Southern Appalachian Environmental Research & Education Center, Appalachian State University**, Boone, NC. Coordinated programs that increase the capacity for environmental education in the Southern Appalachian region. 1/2011 – 6/2017.
- **Outreach Programs Director, Wisconsin Wetlands Association**, Madison, WI. Developed and led programs and communications to engage with public audiences on wetland conservation issues. Included conducting media outreach; serving as newsletter editor and webmaster; planning annual conference; coordinating courses, workshops and field trips; giving presentations to public audiences; representing the organization at professional meetings; and leading special projects including a focus groups study and the *Wisconsin Wetland Gems* program. 4/2004 – 5/2009.
- **Organizer, Wisconsin Conservation Power Project**, Madison, WI. Organized teams of citizens around the state to advocate for environmental and conservation issues. Made presentations, developed outreach materials, prepared policy summaries for citizen advocates, and facilitated team meetings. 8/2003 – 3/2004.

- **Outreach Consultant, Friends of Lake Wingra**, Madison, WI. Developed outreach messages and materials to support community watershed protection efforts. 4/2003 – 8/2003.

PROFESSIONAL DEVELOPMENT

- **Inclusive Excellence Strategies in the Natural Sciences**, Center for Academic Excellence, Appalachian State University. 9/2020.
- **Coping with Climate Anxiety in the Classroom**, Association for the Advancement of Sustainability in Higher Education. 6/2020.
- **Beyond Busywork: Facilitating Active Learning in Asynchronous Courses**, Center for Academic Excellence, Appalachian State University. 5/2020.
- **Strategies for Student Success: Fostering Community and Sense of Belonging in Online Courses**, Reich College of Education, Appalachian State University. 5/2020.
- **Inclusive Practices Online**, Center for Academic Excellence, Appalachian State University. 4/2020.
- **Introduction to Drupal 7**, Web Services, Appalachian State University. 9/2017.
- **Winterize Your Course**, Learning Technology Services, Appalachian State University. 12/2016.
- **Civic Engagement Syllabus Planning**, Center for Academic Excellence, Appalachian State University. 11/2015.
- **Teaching a Service-Learning Class**, ACT Office, Appalachian State University. 2/2012.
- **Introduction to Drupal 6**, Web Services, Appalachian State University. 9/2011.

ADVISING & MENTORING

- **Faculty Advisor, Sustainability & Environmental Education Club, Appalachian State University**, Boone, NC. Helped found and serve as Faculty Advisor to this student organization dedicated to increasing our community's understanding of sustainability through the involvement of ASU students in outreach programs. 9/2013 - present.
- **Teaching Mentor, Department of Sustainable Development, Appalachian State University**, Boone, NC. Provide support to a series of adjunct instructors and colleagues in teaching courses in the environmental science are of the curriculum. 5/2012 – present.
- **Internship Supervisor, Department of Sustainable Development, Appalachian State University**, Boone, NC. Provide support to students doing internships each year. 4/2011 – present.
- **Academic Advisor, Minor, Department of Sustainable Development, Appalachian State University**, Boone, NC. Advise all students who are completing a minor in Sustainable Development. 4/2011 – present.
- **Academic Advisor, B.S. Environmental Studies Concentration, Department of Sustainable Development, Appalachian State University**, Boone, NC. Advise students majoring in the Environmental Studies Concentration in Sustainable Development. 1/2011 – present.
- **Student Assistant Supervisor, Department of Sustainable Development, Appalachian State University**, Boone, NC. Worked closely with student assistant on key outreach projects. 1/2021-5/2021.
- **Learning Partner, Alternative Service Experience, Appalachian State University**, Boone, NC. Served as the faculty learning partner for a service trip focused on Seaside Sustainability with ten undergraduates over spring break. 9/2019.
- **Teaching Assistant Supervisor, Department of Sustainable Development, Appalachian State University**, Boone, NC. Recruited, trained, and supervised the work of graduate assistants who taught laboratory sections of Science for Sustainability each semester. 1/2011 – 4/2014.

RESEARCH POSITIONS

- **Graduate Research Fellow, School of Ecology**, University of Georgia, Athens, GA. Developed, secured grant funding for, and conducted research project on the effects of watershed and riparian deforestation on headwater streams in the southern Appalachian Mountains. 1/2000 – 5/2003.
- **Graduate Research Assistant, River Basin Science & Policy Center**, University of Georgia, Athens, GA. Led crew of field researchers for study of southern Appalachian trout streams. 5/2001 – 8/2001.
- **Field Research Assistant**, University of Georgia's Savannah River Ecology Laboratory, Aiken, SC. Surveyed wetland vegetation to assess success of ecological restoration project. 6/1999 to 8/1999.

- **Lab Research Assistant**, UGA Institute of Ecology. Conducted carbon and nitrogen analysis for riparian forest and stream organic matter samples for two laboratories. 1/1999 to 5/1999.
- **Research Experience for Undergraduates position** (REU, funded by National Science Foundation) at the University of Virginia's Mountain Lake Biological Station. Blacksburg, VA. Designed and completed study on the ecology of American chestnut stump sprouts. 5/1998 – 8/1998.
- **Research Experience for Undergraduates position** (REU, funded by National Science Foundation) at the University of New Mexico's Sevilleta Long Term Ecological Research site, Socorro, NM. Designed and completed ecophysiological study of drought response of riparian cottonwood trees. 5/1997 – 8/1997.

GRANTS & AWARDS

- 2022 Outstanding Teaching Award nominee, College of Fine and Applied Arts, Appalachian State University (nominated 5/2022).
- 2021-2022 Chancellor's Innovation Scholars Grant, Office of Academic Affairs, Appalachian State University. Funds: \$9990 (awarded 3/2021).
- 2020 Outstanding Teaching Award nominee, College of Fine and Applied Arts, Appalachian State University (nominated 5/2020).
- 2019 Global Outstanding Faculty Advising Award Recipient, NACADA: The Global Community for Academic Advising (awarded 4/2019).
- 2019 Woodrow Wilson Fellowship for Excellence in Teaching Finalist, Woodrow Wilson National Fellowship Foundation (selected as finalist 3/2019).
- 2018-2019 Chancellor's Innovation Scholars Grant, Office of Academic Affairs, Appalachian State University. Funds: \$9460 (awarded 3/2019).
- 2018 Outstanding Advisor Award Recipient, College of Fine and Applied Arts, Appalachian State University (awarded 8/2018).
- 2017-2018 Global Learning Funding Opportunities Grant, Office of the Quality Enhancement Plan, Appalachian State University. Funds: \$7890 (awarded 10/2017).
- 2016-2017 Most Helpful Faculty List, Appalachian State University (recognized 9/2017).
- 2016 Outstanding Service Award Recipient, College of Fine and Applied Arts, Appalachian State University (awarded 8/2016).
- 2016 Richard N. Henson Outstanding Advisor Award Nominee, Appalachian State University (nominated 4/2016).
- 2015 Excellence in Community Engagement Award Nominee, University College, Appalachian State University (nominated 3/2015).
- 2013 Campus Sustainability Award Nominee, Sustainability Council, Appalachian State University. Nomination was in recognition of outreach work related to sustainability (nominated 4/2013).
- 2012 Wetland Conservation Award, Ramsar International Convention on Wetlands. Former work as Outreach Programs Director for Wisconsin Wetlands Association (WWA), which is continued by WWA colleagues, was honored with this United Nations award for outstanding achievements in wetland education. WWA was the first U.S. recipient of this international award (awarded 7/2012).
- U.S. Environmental Protection Agency STAR (Science to Achieve Results) Fellowship. Developed successful grant proposal for research project on the effects of watershed and riparian deforestation on streams in the southern Appalachian Mountains. Total grant funds: \$68,000 (awarded 8/2001).
- Best Presentation, UGA School of Ecology 2002 Graduate Student Symposium (awarded 2/2002).
- UGA University-Wide Graduate Fellowship. Total fellowship funds: \$40,000 (awarded 8/1999).
- N.C. State Outstanding Women Award. Honored for service to campus community (awarded 4/1998).
- Phi Beta Kappa and Phi Kappa Phi Honor Societies (inducted 4/1996).
- John T. Caldwell Alumni Scholarship, North Carolina State University. Merit scholarship award for full tuition, room and board for four years (awarded 3/1994).

PUBLICATIONS

- England, L.E. *Forthcoming in February 2023*. "What if She Had Lived?" In: *Solastalgia: An Anthology of Emotion in a Disappearing World*. Ed. Paul Bogard. University of Virginia Press.
- England, L.E. 2019. "Storytelling is fueling climate conversations at Appalachian State University." *Yale Climate Connections*, August 13, 2019.
- England, L., J. Carlisle, R. Witter, D. Davidson, L. Holman, and D. Powell. 2019. Storying Climate Change at Appalachian State University. *Storying Climate Change*, special issue of *Practicing Anthropology* 41(3): 21-26.
- England, L.E. 2017. Dangerous Intersections. *Extinction*, special issue of *Cold Mountain Review* 46 (1): 57-59.
- England, L.E. and A.D. Rosemond. 2004. Small Reductions in Forest Cover Weaken Terrestrial-Aquatic Linkages in Headwater Streams. *Freshwater Biology* 49 (6): 721-734.
- Leffler, A.J., L.E. England, and J. Naito. 2000. Vulnerability of Fremont cottonwood (*Populus fremontii* Wats.) Individuals to Xylem Cavitation. *Western North American Naturalist* 60 (2): 204-210.

CONFERENCE/SEMINAR PRESENTATIONS

- England, L.E. 2021. The Climate Stories Collaborative at Appalachian State University: Lessons from a Creative Climate Communication Initiative. Annual Meeting of the Association for Environmental Studies and Sciences. Virtual conference.
- England, L.E. 2021. Applications for Climate Storytelling in Our Community, Classroom and Collaborations. Invited speaker at East Tennessee State University. Virtual workshop. 11/2020.
- England, L.E., R. Savage and A. Davis. 2019. The Emergence of the Carolina Wetlands Association. Wetlands Science Conference. Madison, WI.
- England, L.E., D. Davidson and J. Carlisle. 2018. Climate Stories Collaborative—Communicating About Lives Disrupted by Climate Change. Appalachian Global Symposium. Boone, NC.
- England, L.E. 2017. Watauga High School Rain Garden—A Community Partnership. New River Symposium. Radford, VA.
- England, L.E. and L.P. Jackson. 2016. Enhancing Appalachian's Sustainability-Related Community Engagement. American Association for the Advancement of Sustainability in Higher Education. Baltimore, MD.
- England, L.E. 2015. Bison & Grizzlies & Wolves, Oh My: Conservation in Yellowstone National Park. ASU Department of Sustainable Development Seminar Series. Boone, NC.
- England, L.E. 2014. In Hot Water: Challenges for Sustaining the Health and Natural Services of Watershed Systems. ASU Math & Science Education Center Seminar Series. Boone, NC.
- England, L.E. and E. O'Brien. 2007. Communicating for wetland conservation and protection. Wisconsin Outdoor Communicators Association Annual Meeting. Stevens Point, WI.
- England, L.E. and A.D. Rosemond. 2003. Riparian deforestation alters the energy base of headwater stream food webs. North American Benthological Society Annual Meeting. Athens, GA.
- England, L.E. and A.D. Rosemond. 2002. Riparian forest degradation alters energy base of headwater stream food webs. Ecological Society of America Annual Meeting. Tucson, AZ.
- England, L.E. and A.D. Rosemond. 2002. Riparian deforestation affects terrestrial carbon dependence in headwater streams. North American Benthological Society Annual Meeting. Pittsburg, PA.
- England, L.E. and A.D. Rosemond. 2002. Effects of riparian degradation on terrestrial dependence of aquatic food webs in headwater trout streams. UGA School of Ecology Graduate Research Symposium. Athens, GA.

PROFESSIONAL ACTIVITIES & SERVICE

- Member, Curriculum Committee, Department of Sustainable Development, Appalachian State University. Boone, NC. 1/2022 - present.
- Member, FAA Connect Committee. College of Fine & Applied Arts, Appalachian State University. Boone, NC. 1/2020-present.
- Facilitator, Quality Enhancement Plan (QEP) Proposal Team. Convened and led a cross-campus team of faculty in developing a successful QEP proposal focused on advancing sustainability and climate literacy education. Led development of written proposal, video pitch, and campus presentation. Appalachian State University. Boone, NC. 1/2022 – 5/2022.
- Member, General Education Revision Task Force. Participated in university-wide committee working to develop a revised curriculum proposal for the General Education Program. Appalachian State University. Boone, NC. 8/2021 – 5/2022.

- Member, Assessment Summit Team, General Education Program, Appalachian State University. Boone, NC. 5/2020.
- Member, Advising Review Committee, College of Fine & Applied Arts, Appalachian State University. Boone, NC. 3/2018 – 4/2020.
- Member, Search Committee for Assistant Professor Position, Department of Sustainable Development, Appalachian State University, Boone, NC. 9/2019 – 4/2020.
- Chair, Scholarships & Awards Committee, Department of Sustainable Development, Appalachian State University, Boone, NC. 5/2013 – 11/2019.
- Member, Sustainability and Creative Practice Research Cluster, Appalachian State University. Boone, NC. 8/2018 – 5/2019.
- Member, Search Committee for Assistant Professor Position, Department of Sustainable Development, Appalachian State University, Boone, NC. 8/2018 – 2/2019.
- Chair, Sustainability Council Outreach & Engagement Subcommittee, Appalachian State University. Boone, NC. 9/2014 – 5/2018.
- Member, Sustainability Council, Appalachian State University. Boone, NC. 9/2014 – 5/2018.
- Member, Assessment Committee, Department of Sustainable Development, Appalachian State University, Boone, NC. 4/2011 – 12/2017.
- Member, Search Committee for Assistant Professor Position, Department of Sustainable Development, Appalachian State University, Boone, NC. 8/2017 – 11/2017.
- Chair, Events Committee, Department of Sustainable Development, Appalachian State University, Boone, NC. 11/2016 – 11/2017.
- Member, Search Committee for Director of Child Development Center, Appalachian State University. Boone, NC. 5/2016 – 7/2016.
- Member, Ad-hoc Faculty Committee on Climate Change in the Curriculum, Appalachian State University. Boone, NC. 1/2015 – 5/2016.
- Member, Search Committee for Lecturer Position, Department of Sustainable Development, Appalachian State University, Boone, NC. 1/2016 – 4/2016.
- Member, Search Committee for Chair Position, Department of Sustainable Development, Appalachian State University, Boone, NC. 10/2015 – 4/2016.
- Faculty Interviewer, Scholars Day, Appalachian State University. Boone, NC. 2/2016.
- Member, Faculty Development Council, Appalachian State University. Boone, NC. 12/2014 – 2/2016.
- Member, Search Committee for Office of Sustainability Communications Specialist, Appalachian State University. Boone, NC. 5/2015 – 7/2015.
- Chair, Sustainable Development Minor Curriculum Committee, Department of Sustainable Development, Appalachian State University, Boone, NC. 8/2014 – 4/2015.
- Member, University College Assessment Committee, Appalachian State University, Boone, NC. 8/2011 – 6/2013.
- Faculty Writing in the Discipline Consultant, Consultants to Writing Across the Curriculum, Appalachian State University, Boone, NC. 8/2011 – 5/2012.
- Outreach program development for College of Arts & Sciences, Appalachian State University, Boone, NC. 8/2010 – 12/2010.
- Member, Planning Team for Society of Wetland Scientists 2009 Annual Meeting. Madison, WI. 2008-2009.
- Member, Wisconsin Department of Natural Resources Wetland Team. Madison, WI. 2007-2009.
- Member, U.S. National Ramsar Committee. Served as a member and non-profit community representative on this national committee charged with implementing U.S. obligations to the Ramsar International Convention on Wetlands. 2007-2008.

COMMUNITY LEADERSHIP & SERVICE

- Member, Academically & Intellectually Gifted Students Program Advisory Council, Watauga School District. Boone, NC. 8/2022 – present.
- Member, Program Committee, Carolina Wetlands Association. Raleigh, NC. 8/2015 - present.
- Member, Blue Ridge Conservancy Engagement Committee. Boone, NC. 2/2018 – present.

- Member, Board of Directors, Valle Crucis Community Park. Valle Crucis, NC. 1/2017 – 12/2020.
- Chair, Environmental Education Committee, Valle Crucis Community Park. Valle Crucis, NC. 1/2017 – 12/2020.
- Secretary, Board of Directors, Valle Crucis Community Park. Valle Crucis, NC. 1/2019 – 12/2019.
- Member, Board of Advisors, Watauga River Partners, Boone, NC. 9/2014 – 12/2017.
- Member, Board of Directors, Carolina Wetlands Association. Raleigh, NC. 7/2015 – 6/2017.
- Member, Board of Advisors, Discovery Place Education Studio, Charlotte, NC. 9/2013 – 12/2015.
- Member, Board of Directors, Madison Blues Society, Madison, WI. 10/2006 – 8/2008.
- Member, Board of Directors, Wisconsin League of Conservation Voters, Madison, WI. 12/2004 – 12/2006.
- Member, Board of Directors, Friends of Lake Wingra, Madison, WI. Terms as Vice Chair and Chair. 9/2003 – 8/2006.
- Member, Board of Directors, Upper Oconee Watershed Network, Athens, GA. 12/2000 – 12/2002.

OUTREACH & ENGAGEMENT PROGRAMS

- **Climate Responses & Response-Ability:** Co-facilitating a cross-campus teaching and learning community focused on preparing and empowering students to contribute to climate solutions. 8/2021 – present.
- **Climate Stories Collaborative.** Co-facilitating a cross-campus teaching and learning community that is designed to grow the capacity of faculty and students to use creative expression to contribute to a wider, more meaningful, and more productive climate conversation. 5/2017 – present.
- **Emblems of the Anthropocene.** Leading an online writing project in collaboration with students focused on communicating about the biodiversity crisis. 1/2016 – present.
- **Riparian Planting Workshop.** Coordinated and co-hosted a riverside tree planting event that engaged student volunteers with Watauga Riverkeeper. 3/2022.
- **Riparian Planting Workshop.** Coordinated and co-hosted a riverside tree planting event that engaged student volunteers with Watauga Riverkeeper. 11/2021.
- **Riparian Planting Workshop.** Coordinated and co-hosted a riverside tree planting event that engaged student volunteers with Watauga Riverkeeper. 3/2021.
- **Conversations with Climate Author Elizabeth Rush.** Co-planned and co-hosted, along with students and colleagues, a series of virtual events with the 2020-2021 academic year Common Reading Program's selected book author. 9/2020 – 3/2021.
- **Conversation with Climate Author Ayana Elizabeth Johnson.** Co-planned and co-hosted, along with students and colleagues, a virtual event with this leader in the national conversation on justice-centered climate solutions. 8/2020 – 2/2021.
- **Community Rain Garden Project.** Coordinating implementation and maintenance of a rain garden at the Watauga High School with community partners. Includes educating school community about the impacts of urban runoff and how rain gardens can mitigate impacts. 9/2015 – 5/2020.
- **Climate Reality Project Event.** Coordinated with partners at Appalachian Voices to host an outreach event as part of the 24 Hours of Climate Reality. 11/2019
- **Kids in the Creek.** Developed and led an ecological exploration of Dutch Creek, including sampling of macroinvertebrates and other organisms, for Science Pals program at Valle Crucis School. 6/2019.
- **Creeks and Light Program** (for Ecologies of Girlhood). Planned and led an exploration of the connections between headwater streams and light for this summer camp. 6/2019.
- **Wetlands Are Wonderful.** Developed and led an ecological exploration of wetlands, including identification of common marsh plants for Valle Crucis Community Park. 6/2019.
- **Afterschool Outdoors.** Worked with university students to plan and host a nature exploration program for Valle Crucis School Extended Learning Center. 5/2019.
- **Climate Stories Week and Showcase.** Co-led the coordination of this exhibit featuring creative climate stories works produced by more than 200 students in 35 classes at Appalachian State University. Between six public events and thirteen class visits to the exhibit, Climate Stories Week engaged more than 1100 students, faculty, staff and community members. 8/2017-12/2017.
- **Wetland Treasures of the Carolinas Project** (with Carolina Wetlands Association). Led development and implementation of a new outreach program intended to increase public awareness and appreciation of wetlands in

North and South Carolina by recognizing the states' most ecologically significant wetlands. Includes development of outreach materials and coordination of field trips to sites. 8/2015 – 10/2018.

- **Climate Justice Month.** Co-led the coordination of a series of events on campus intended to shine a spotlight on to the stories of communities affected by climate change. Series included four guest speakers and two documentary screenings, and engaged more than 1000 members of our campus and community. 10/2017—5/2018.
- **Climate Stories Showcase.** Co-led the coordination of this event featuring creative works produced by more than 110 students in 15 classes at Appalachian State University. The showcase featured visual and performance pieces expressing climate stories in a variety of creative media—painting, sculpture, theatrical performance, videography, photography, design, narrative non-fiction and more. 8/2017-12/2017.
- **Mountain Streams Workshop.** Co-led and coordinated a day-long professional development workshop for regional teachers and non-formal educators who are working towards their environmental education certification. 10/2017.
- **Boone Creek Clean Up** (for ASU's Sustainability Council). Coordinated a group of 35+ faculty, staff, and students to clean up the section of Boone Creek that flows through the community downstream from campus. 10/2017.
- **Creek & Campus Connections** (for ASU Gear Up program). Developed and led program on land-water interactions in an urban environment for visiting middle schoolers. 9/2017.
- **Watershed Field Days.** Planned and led station on land-water connections at field days for Watauga County 8th graders. 9/2017.
- **Climate (ex)Change Workshops.** Co-led coordination of a two-part, interactive workshop for faculty on climate storytelling. 8/2017-9/2017.
- **MyStem: Citizen Science in Your Own Backyard.** Served as Advisory Board Member for this collaborative APPTV project. 8/2016 – 8/2017.
- **River Ecology Program** (for Ecologies of Girlhood Camp). Developed and led an ecological exploration of the South Fork New River for this summer camp. 8/2017.
- **Wetlands Are Wonderful Program** (for Valle Crucis Community Park). Developed and led an ecological exploration of the Park's wetlands, including identification of common marsh plants. 7/2017.
- **Watersheds and Aquatic Critters Booth at Watauga Farmers Market.** Ran a booth focused on watersheds and aquatic macroinvertebrates at the Market's Kids Corner. 7/2017.
- **Stream Ecology Program** (for Valle Crucis Community Park). Developed and led an ecological exploration of Dutch Creek, including sampling of macroinvertebrates and other organisms. 6/2017.
- **Kanuga Bog Field Trip** (with Carolina Wetlands Association). Coordinated a field tour of site that recognized by as a 2017 *Wetland Treasures of the Carolinas* site. 5/2017.
- **Congaree Swamp Field Trip** (with Carolina Wetlands Association). Coordinated a field tour of site that recognized by as a 2017 *Wetland Treasures of the Carolinas* site. 5/2017.
- **Outdoors with the Afterschool Program.** Worked with university students to plan and host a nature exploration program for Valle Crucis School Extended Learning Center. 5/2017.
- **Sustainability Outreach Grants Program** (for ASU Sustainability Council). Led the development and implementation of a grants program intended to support the expansion and improvement of faculty/staff engagement with the community on issues of sustainability. 9/2015 – 4/2017.
- **Roots of Resilience Film Festival: Cultivating Sustainable Community in the High Country.** Hosted (along with my students) this campus/community event featuring seven mini-documentaries, each spotlighting an organization that contributes to the sustainability of our region. 4/2017.
- **Boone Creek Clean Up** (for ASU's Sustainability Council). Coordinated a group of 35+ faculty, staff, and students to clean up the section of Boone Creek that flows through the community downstream from campus. 4/2017.
- **Water Field Day** (for Parkway Elementary School). Collaborated to develop and lead a half-day field experience on watersheds, rivers and water quality for all Parkway 8th graders. 4/2017
- **Creek & Campus Connections** (for ASU Gear Up program). Developed and led program on land-water interactions in an urban environment for visiting middle schoolers. 4/2017.

- **Watersheds Booth at BuildFest** (for The Children's Playhouse). Planned and hosted booth on watersheds at this community event attended by more than a thousand local kids and families. 4/2017.
- **Water Justice Forum**. Coordinating fundraising, publicity and logistics for this public forum on water justice issues around the country and in our region. 3/2017.
- **An Evening at the Ecopolis**. Coordinated fundraising, publicity and logistics for this multi-media theatrical performance focused on envisioning a regenerative city for a campus and community audience. 2/2017.
- **Sustainability Storytelling Workshop**. Coordinated fundraising, publicity and logistics for this half-day professional development workshop for Appalachian faculty and staff. 2/2017.
- **Leopold Education Project Workshop**. Coordinated and hosted this full-day professional development workshop for regional teachers and non-formal educators who are working towards their environmental education certification. 2/2017.
- **Sustainability Outreach Forum** (for ASU Sustainability Council). Organized and led a forum for faculty, staff and community partners that provided an opportunity to share outreach successes and develop collaborations. 11/2016.
- **Forest-Creek Connections** (for Hardin Park Elementary School). Led a program on land-water interactions for two middle school classes as part of the Hardin Park School's STEM Day. 11/2016.
- **Mason Farm Wetlands Field Trip** (with Carolina Wetlands Association). Coordinated a field tour of site that recognized by as a 2016 *Wetland Treasures of the Carolinas* site. 11/2016.
- **Boone Creek Clean Up** (for ASU's Sustainability Council). Coordinated a group of 35+ faculty, staff, and students to clean up the section of Boone Creek that flows through the community downstream from campus. 10/2016.
- **Mountain Streams Program** (for Valle Crucis Elementary School). Led a program on mountain stream ecology, including exploration of macroinvertebrates and other organisms for 1st and 4th graders. 9/2016.
- **Creek & Campus Connections** (for ASU Gear Up program). Developed and led program on land-water interactions in an urban environment for visiting middle schoolers. 9/2016.
- **Watauga County Science Pals**. Contributed to Professional Development Day for elementary and middle school science teachers around Watauga County. 9/2016.
- **Gardens as Habitat Program** (for ASU Child Development Center). Led a program for preschool children on gardens as habitat for a diversity of animals. 9/2016.
- **Community Engagement Program**. Gave a talk to 8th graders at Two Rivers Community School about ways to be involved in community as part of the school's Local Heroes Program. 5/2016.
- **Francis Beidler Forest Field Trip** (with Carolina Wetlands Association). Coordinated a field tour of an internationally recognized swamp that is among CarWA's 2016 *Wetland Treasures of the Carolinas* sites. 5/2016.
- **Kids in the Creek** (for ASU Child Development Center). Led a creek exploration and clean up activity as part of the Center's Earth Day event. 4/2016.
- **Stream Ecology Field Day** (for Watauga High School). Led a program on stream ecology and watershed science for two Earth & Environmental Sciences classes. 4/2016.
- **Boone Creek Clean Up** (for ASU's Sustainability Council). Coordinated a group of 50+ faculty, staff, and students to clean up the section of Boone Creek that flows through the community downstream from campus. 4/2016.
- **Food, Farming, Climate & Justice Workshop** (for Department of Sustainable Development). Coordinated and hosted this sustainability education workshop featuring Tim Swinehart, co-editor of *A People's Curriculum for the Earth*. 3/2016.
- **Water Cycle Program** (for Valle Crucis Elementary School). Led a program on water for two elementary school classes as part of the Valle Crucis STEM Day event. 3/2016.
- **Watersheds Program** (for Hardin Park Elementary School). Led a program on watershed science for two middle school classes as part of the Hardin Park Science Day. 10/2015.
- **Boone Creek Clean Up** (for ASU's Sustainability Council). Coordinated a group of 50+ faculty, staff, and students to clean up the section of Boone Creek that flows through the community downstream from campus. 10/2015.
- **Watauga County River Clean Up** (for ASU's Sustainability Council). Coordinated a group of 25 ASU students to clean up a segment of riparian zone along the South Fork of the New River. 9/2015.

- **Mountain Streams Program** (for Valle Crucis Elementary School). Led a program on mountain stream ecology, including exploration of macroinvertebrates and other organisms. 9/2015
- **Gardens as Habitat Program** (for ASU Child Development Center). Led a program for preschool children on gardens as habitat for a diversity of animals. 9/2015.
- **Learning Garden Project** (with Sustainability & Environmental Education Club). Helped coordinate funding, design and implementation of a learning garden at the ASU Child Development Center. 10/2014 – 6/2015.
- **RiverFest** (for Watauga River Partners). Helped plan and host water-focused community event attended by hundreds of local families. 6/2015.
- **Community Engagement Program** (for Two Rivers Community School). Gave a talk to 8th graders about ways to be involved in community as part of the school's Local Heroes Program. 6/2015.
- **Hardin Creek Partnership Project**. Facilitate the progress of a community partnership, which includes local educators, municipal agency staff, and non-profit agency staff, towards restoring an important stream in our community. 8/2010 – 5/2015.
- **Watersheds Booth at BuildFest** (for The Children's Playhouse). Planned and hosted booth on watersheds at this community event attended by hundreds of local kids and families. 4/2015.
- **Boone Creek Clean Up** (for ASU's Sustainability Council). Coordinated a group of 50+ faculty, staff, and students to clean up the section of Boone Creek that flows through the community downstream from campus. 4/2015.
- **Stream Restoration Program** (for Stone Mountain Chapter of Trout Unlimited). Gave presentation about community stream restoration efforts. 4/2015.
- **3rd Forum on STEM Outreach** (for ASU's College of Arts and Sciences). Planned and co-hosted a forum for faculty, staff, and K-12 partners that provided an opportunity to share STEM outreach successes and develop connections for future collaborations. 3/2015.
- **Rain Garden Program** (for Mountain Alliance). Co-led a workshop on stormwater runoff and how to manage it using rain gardens for Watauga High School students who are members of Mountain Alliance. 1/2015.
- **Forum on Outreach in Sustainability & Environmental Education** (for ASU's Southern Appalachian Environmental Research & Education Center). Organized and led a forum for faculty and staff that provided an opportunity to share outreach successes and develop connections that could lead to future collaborations. 11/2014.
- **Boone Creek Clean Up** (for ASU's Sustainability Council). Coordinated a group of 50+ faculty, staff, and students to clean up the section of Boone Creek that flows through the community downstream from campus. 10/2014.
- **Bats Booth @ ASU Trick or Treat for Tots** (with Sustainability & Environmental Education Club). Worked with SEEC members to plan and host a booth on bats ecology and conservation for this campus event attended by hundreds of local kids and families. 10/2014.
- **Bats Afterschool Program** (with Sustainability & Environmental Education Club). Worked with SEEC members to plan and host a program on bats ecology and conservation for Valle Crucis School Extended Learning Center. 10/2014.
- **Mountain Streams Afterschool Program** (with Sustainability & Environmental Education Club). Worked with SEEC members to plan and host a program on mountain streams ecology and conservation for Valle Crucis School Extended Learning Center. 9/2014.
- **Kids in Nature Program** (for Blue Ridge Conservancy). Co-led nature observation hike for children and their parents. 7/2014.
- **RiverFest** (for Watauga River Partners). Helped plan and host water-focused community event attended by hundreds of local families. 6/2014.
- **Watersheds Need Wetlands Booth at BuildFest** (for The Children's Playhouse). Planned and hosted booth on watersheds and the value of wetlands at this community event attended by hundreds of local kids and families. 4/2014.
- **DIY Earth Friendly Products Workshop** (with Sustainability & Environmental Education Club). Worked with SEEC members to plan and host a workshop in which participants learned how to keep harmful chemicals from going down the drain and into our rivers by making their own personal care products. 4/2014.

- **Watersheds Need Wetlands Booth at ASU STEM Expo** (for Appalachian State University-NC Science Festival). Planned and hosted booth on watersheds and the value of wetlands at this community event attended by hundreds of local kids and families. 4/2014.
- **Mountain Streams: From Bugs to Watersheds** (for Southern Appalachian Environmental Education & Research Center). Co-led a day-long professional development workshop for regional teachers and non-formal educators who are working towards their environmental education certification. 4/2014.
- **Winter Natural History Hike** (for Southern Appalachian Environmental Education & Research Center). Coordinated and hosted this half-day professional development workshop for regional teachers and non-formal educators who are working towards their environmental education certification. 3/2014.
- **Water, Water Everywhere** (with Sustainability & Environmental Education Club). Worked with SEEC members to plan and host a program on water resources for The Children's Playhouse. 2/2014.
- **Watersheds & Wetlands** (with Sustainability & Environmental Education Club). Worked with SEEC members to plan and host a program on watersheds and the value of wetlands for K-Kids (Kiwanis). 1/2014.
- **Kids in Nature Programs** (for Blue Ridge Conservancy). Co-led two nature observation hikes for children and their parents. 6/2013 and 7/2013.
- **Late Autumn Natural History Hike** (for Southern Appalachian Environmental Education & Research Center). Coordinated and hosted this half-day professional development workshop for regional teachers and non-formal educators who are working towards their environmental education certification. 11/2013.
- **Black Bears in NC** (for Southern Appalachian Environmental Education & Research Center). Coordinated and hosted this full-day professional development workshop for regional teachers and non-formal educators who are working towards their environmental education certification. 9/2013.
- **Caring for Aquatics Through Conservation Habits** (for Southern Appalachian Environmental Education & Research Center). Coordinated and hosted this full-day professional development workshop for regional teachers and non-formal educators who are working towards their environmental education certification. 5/2013.
- **Project Food, Land & People** (for Southern Appalachian Environmental Education & Research Center). Coordinated and hosted this full-day professional development workshop for regional teachers and non-formal educators who are working towards their environmental education certification. 4/2013.
- **Migratory Waterfowl Afterschool Programs**. Led an afterschool program on the ecology and conservation of migratory waterfowl for the Science Clubs at Bethel Elementary and Hardin Park Elementary. 4/2013.
- **Homegrown Film Festival: A Celebration of Sustainability in the High Country**. Hosted (along with my students) this campus/community event, which drew an audience of >300. The event featured a series of eight mini-documentaries, each spotlighting organizations that are contributing to the sustainability of our region. 4/2013.
- **2nd Forum on STEM Outreach** (for ASU's College of Arts and Sciences). Planned and co-hosted a forum for faculty and staff that provided an opportunity to share STEM outreach successes and develop connections for future collaborations. 2/2013.
- **Leopold Education Project** (for Southern Appalachian Environmental Education & Research Center). Coordinated and hosted this full-day professional development workshop for regional teachers and non-formal educators who are working towards their environmental education certification. 9/2012.
- **Flying WILD** (for Southern Appalachian Environmental Education & Research Center). Coordinated and hosted this full-day professional development workshop for regional teachers and non-formal educators who are working towards their environmental education certification. 5/2012.
- **Project WET** (for Southern Appalachian Environmental Education & Research Center). Coordinated and hosted this full-day professional development workshop for regional teachers and non-formal educators who are working towards their environmental education certification. 4/2012.
- **Methods of Teaching Environmental Education** (for Southern Appalachian Environmental Education & Research Center). Coordinated and hosted this two-day professional development workshop for regional teachers and non-formal educators who are working towards their environmental education certification. 2/2012.
- **1st Forum on STEM Outreach** (for ASU's College of Arts and Sciences). Planned and co-hosted a forum for faculty and staff that provided an opportunity to share STEM outreach successes and develop connections for future collaborations. 12/2011.

- **WOW! The Wonders of Wetlands** and **POW! The Planning of Wetlands Workshops** (for Southern Appalachian Environmental Education & Research Center). Coordinated and hosted two full-day professional development workshops on wetlands for regional teachers and non-formal educators who are working towards their environmental education certification. 11/2011.