

Curriculum vita

Anne Larson Hall

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ACADEMIC POSITIONS

2011 to present	Senior Lecturer Director of Undergraduate Studies Emory University, Department of Environmental Sciences
2008 – 2011	Lecturer Teaching Laboratory Coordinator Emory University, Department of Environmental Sciences
2005 – 2007	Instructor Emory University, Department of Environmental Sciences
1995 – 2005	Lecturer, part-time Emory University, Department of Environmental Sciences
1993 – 1995	Adjunct Instructor, part-time Georgia Perimeter College, Science Department
1983 – 1985 1982	Research Assistant Teaching Assistant Georgia Institute of Technology, School of Earth and Atmospheric Sciences
1980-1982	Private Tutor, part-time High School Science and Math Atlanta Psychological Center
1976-1980	Teacher in Special Education (1 st -6 th grade) Elementary/Middle School (5 th & 6 th grade) Fulton County Schools

PROFESSIONAL DEVELOPMENT

Teaching About Risk and Resilience: Sea Level Rise, Flooding, and Earthquakes

Florida Center for Environmental Studies, Florida Atlantic University, Boca Raton, FL
May 14-16, 2014

Contributed online content and shared best practices in teaching about risk and resilience
(2009 Atlanta Flood, River Basins and Climate Change, Risk and Resilience Blog/Voicethread
Assignment for ENVS 235: Environmental Geology)

Community-Engaged Learning (CEL) Faculty Fellow Academic Year 2012-2013

Selected by Emory University's Center for Community Partnerships to form a core group, along
with four other University faculty participants, "to provide leadership, with CFCP support, to

develop innovative approaches to teaching and research that promote problem-driven, problem-solving, strategic, academically-based community engagement.”

Emory College Online (ECO)

Digital Learning Environments from A to Z ~ Summer 2014 ECO Program (syllabus below)

The 2014 Emory College Online (ECO) program focused on blended, hybrid and flipped classroom instruction, web and mobile screencasting, interactive apps, differentiating between digital learning environments, increasing classroom interactivity and classroom assessment techniques of digital content. <https://scholarblogs.emory.edu/eco2014/syllabus-2/>

Emory College Online (ECO)

Flipping the Classroom ~ Summer 2013 ECO Program (description below)

“The 2013 Emory College Online (ECO) program focuses on “flipping the classroom.” The flipped classroom (or flipped instruction) is a form of technology-enhanced instruction that encompasses any use of technology to leverage learning in a classroom. One of the primary goals of the flipping the classroom methodology is to create space for increased interactivity within the classroom environment.” <http://ecit.emory.edu/programs/eco/sessiondetails.html>

Emory College Online (ECO)

Technological Tools and Pedagogical Methodologies that Sustain Dialogue In and Out of the Classroom

This workshop provided hands-on instruction and practice with the use of Discussion Boards/Blogs, VoiceThread, Dipity, Bubbl.us, Poll Everywhere, Twitter, Storify, Wikis, Google Hangout, Adobe Connect, iTunes U and Echo 360 to link in-class instruction with out-of-class online methodologies. Over the summer and fall, I created course content using wikis and VoiceThread assignments for **ENVS 131: Introduction to Environmental Sciences**, taught Fall 2012. June 2012, Emory University

Trees Atlanta Summer 2012 Tree Keeper Course

Completed this 7-week training to become certified to lead student groups in local Trees Atlanta projects. Topics included Piedmont ecosystems, tree characteristics and identification, tree selection, planting and maintenance, tree diseases, invasive species removal, landscape planning in the urban environment and leadership training. Followed up with 25+ hours of volunteer work for Trees Atlanta along with student involvement in ENVS 131 and ENVS 190 courses.

Clarkston Development Foundation

Participant in *Focus on Connection* and *Community Conversations* meetings, incorporating the principles of Asset-Based Community Development (ABCD) August and September, 2012. A partnership was developed with CDF to foster community engagement opportunities for students in **ENVS 131: Introduction to Environmental Sciences**, Fall 2012.

InTeGrate ~ Programs the Bring Together Geoscience and Sustainability

Invited as a panel participant and received support for this workshop (NSF-funded STEP Center Grant) bringing “together undergraduate faculty from across the disciplines to share challenges and successful strategies for programs integrating sustainable perspectives and geoscience.” Stanford University, May 23-25, 2012

Emory College Online (ECO)

WordPress and Anthologize Workshop

Created course blogs and related content for student projects on decreasing their environmental impact. Completed for **ENVS 131: Introduction to Environmental Sciences**, taught Fall 2011. July 2011, Emory University

Climate and Energy Webinar Series

The Energy-Water nexus: A theme for Interdisciplinary Earth Science Inquiry

Webinar goal: Assist educators in understanding and teaching the interdependence of energy and water resources; and offer specific case studies as templates for curriculum development.

April 8, 2011

Office of University-Community Partnerships Interdisciplinary Faculty Seminar

Participant Spring Semester 2011

Teaching Geoscience in the Field in the 21st Century

Sponsored by the National Science Foundation (Undergraduate Education), The National Association of Geoscience Teachers and Montana State University

Montana State University, Bozeman, MT

August, 2010

Teaching About Energy in Geoscience Courses: Current Research and Pedagogy

Sponsored by the National Science Foundation (Undergraduate Education), The National Association of Geoscience Teachers and the University of Wyoming School of Energy Resources

May 2009, Laramie, WY

Emory College Online (ECO)

Digital Storytelling Workshop

Created a digital movie "*Reading the Landscape*," using iMovie, Audacity audio recording software, original still photographs and video.

June 2009, Emory University

Spatial Analysis of GIS Data

Applied Statistics for Public Health and Environmental Studies

March 2008, Emory University

The Piedmont Project

Developed a new freshman seminar, *Environmental Restoration*.

Spring 2007, Emory University

River Course I. Stream Classification and Assessment

North Carolina Stream Restoration Institute ~ September 2007, Auburn, AL

River Course II. Stream Restoration Design Principles

North Carolina Stream Restoration Institute ~ October 2007, Asheville, NC

Participant in stream restoration courses; workshops included stream classification, assessment, fieldwork and restoration design project.

Visual Arts: Illustrating Nature

Completed classes in natural science illustration at

Callanwolde Fine Arts Center and the Atlanta Botanical Gardens

Summer 2007 - Winter 2008

Emory College Online (ECO)

Developed a *Blackboard* online course site for ENVS 348: *Sustainable Water Resources* comprised of documents, photographs, video, digital maps, diagrams and graphs, with links to online data and additional related web resources.

June 2006, Emory University

Creating Positive Field Experiences in Interdisciplinary and Introductory Courses

Teaching Geoscience in the Field in the 21st Century Workshop

Sponsored by the National Science Foundation (Undergraduate Education), The National Association of Geoscience Teachers and Montana State University

Montana State University, Bozeman, MT

August 2010

Energy and the Poor ~ Black Carbon in Developing Nations (Presented as a short talk and webinar)

Teaching about Energy in Geoscience Courses: Current Research and Pedagogy

Sponsored by the National Science Foundation (Undergraduate Education), The National

Association of Geoscience Teachers and the University of Wyoming School of Energy Resources

May 17-20, 2009, Laramie, WY

Quantitative Methods Taught Through Tracking Exercises: Urban Ichnology for

Teachers and Students, 47th Annual Meeting of the Southeastern Section of the Geological Society of America, Charleston, West Virginia, March 1998, with A. J. Martin.

Armored Mud Balls from Cabretta and Sapelo Barrier Islands, Southeastern Geological Society of

America Annual Meeting, 1982, with William J. Fritz.

COURSES TAUGHT

Existing courses taught:

ENVS 131: Introduction to Environmental Sciences with Laboratory

ENVS 230: Introductory Geoscience with Laboratory

ENVS 235: Environmental Geology

ENVS 222: Evolution of the Earth (taught laboratory sections)

ENVS 385: Wetland Ecology (co-taught with Lance Gunderson)

ENVS 495R: Honors Research

ENVS 498R: Individual Directed Reading

ENVS 499R: Individual Research

Courses developed and taught:

ENVS 131: Introduction to ENVS Field Studies (First offered Fall 2016)

ENVS 190S: The Nature of Landscapes

ENVS 190S: Environmental Restoration

ENVS 190S: Urban Watersheds

ENVS 190S: Being on Trails

ENVS 190S: Water in Crisis

ENVS 346: Geologic Origins of Landscapes with Laboratory

ENVS 348: Water Resources with Laboratory

ENVS 385WR: Water: In Science, Philosophy and Literature
(co-taught with Jack Zupko, Philosophy)

ENVS 385S: The Science and Sound of Water

(co-taught with Arri Eisen, Biology and Tong Soon Lee, Music)

COMMUNITY ENGAGEMENT

FALL 2014

Trained and supervised ENVS 131 students in teaching sixth grade geology classes at Martin Luther King Middle School. The classes were small group interactive sessions; ENVS students created their own materials and lesson plans and taught four classes of MLK students. Project culminated in ENVS students leading MLK students on a geology field trip at Stone Mountain Park

FALL 2013

Trained and supervised ENVS 131 students for leading sixth grade Martin Luther King Middle School students on a geology field trip to Stone Mountain Park.

ONGOING SPRING SEMESTER PROJECTS

ENVS 348 students have worked on stream bank restoration projects with Georgia Adopt-A-Stream and Southeastern Watershed staff. ENVS 190 worked with Stone Mountain Environmental Education staff to reroute an eroding forest trail, creating a new section; plans to establish a stream monitoring project that will be ongoing.

ONGOING FALL SEMESTER PROJECTS

ENVS 131 and ENVS 190 students have worked on community projects with Clarkston Development Foundation (community agriculture), Trees Atlanta (tree planting in Decatur, invasive plant removal on the Atlanta Beltline), Brown's Mill Food Forest (invasive plant removal), Fernbank Forest (invasive plant removal), Sweetwater Creek State Park (planting native plants) and Woodlands Garden (invasive plant removal, mulching and planting native plants).

ACADEMIC SERVICE

Department of Environmental Sciences

Director of Undergraduate Studies, Fall 2011 to present

Undergraduate Committee, Chair and Secretary, Fall 2010 to Spring 2018

Lecturer Search Committee, Chair AY 2013-2014

Lecturer Search Committee, AY 2016-2017

Departmental Review Committee, Spring 2012-Spring 2014

Lecture Track Mentoring Committees (Shaunna Donaher, Michael Page) Spring 2015 to present

Emory College

Educational Policy Committee ~ AY 2014-2015

Climate@Emory Academic Learning Community ~ Spring 2014

Continue to remain active in climate related curriculum and pedagogy

Member of Emory College Committee *Enhancing the Undergraduate Science Experience*, Spring 2013

Member of the Emory College of Arts and Sciences Standing Committee, *Education Abroad Committee*, January 2011-April 2013.

Member of the Emory Senate's *Committee on the Environment*, 2005-2010.

Co-Leader for *The Piedmont Project* for May 2008 and May 2009

<http://www.scienceandsociety.emory.edu/piedmont/>

Guest lecturer in *Introduction to Sustainability*, Fall 2010, Fall 2011 and Fall 2012.

Contributing Lecturer, TATTOO, Emory University Graduate School.

Outdoor field experience leader for ENV5/REL 329: Religion and Ecology, Freshman Residence Life and Housing, *Emory as Place*, *Graduate School Orientation*, *Piedmont Project*, and *AASHE Sustainability Across the Curriculum Leadership Workshop*.

Guest lecturer for *Livable Cities: Environmental Sustainability & Urban Living*

Presented at the April 2005 *Science and Society Symposium*, "Water in Our Lives", with Jack Zupko on teaching an interdisciplinary course on water.

<http://www.scienceandsociety.emory.edu/Water%20Symposium/index.htm>

University Advisory Council on Teaching's Master Teacher Program Steering Committee; co-presented session on writing across the curriculum in May 2005.

EDUCATION

M.S. in Geochemistry

Thesis: *The Clay Mineralogy of the Lower San Andres Formation, Palo Duro Basin, Texas*;
Dr. Charles E. Weaver, director. Funding from the Department of Energy.
School of Earth and Atmospheric Sciences
Georgia Institute of Technology
Atlanta, Georgia
September 1985

B.S. in Geology, Physics Minor

Georgia State University
Atlanta, Georgia
June 1982, Magna Cum Laude

B.S. in Education

Georgia State University
Atlanta, Georgia
June 1976, Summa Cum Laude