

Curriculum Vitae
 Tamara D. Sluss, Ph.D.

University of Louisville
 Urban and Public Affairs

Name:		Year of Appointment:	
Academic Rank:	Associate Professor	2018	
Association with Program:	Full-time (A)		
Tenured:	Non-tenure track		

Education: University of Louisville 1998-2006
 Ph.D. Biology (2006), Dr. Jeff Jack - Mentor
 M.S. in Environmental Biology (2003)
 B.S. Biology (2000)
 University of Kentucky 1996-1998

Leadership Experience

Director, MA/MS in Interdisciplinary Studies: Concentration in Sustainability, University of Louisville August 2018-present

Administrator of the program, working to make course and program changes based on student feedback and curriculum bottlenecks. Chair of the Education and Research Committee of the Sustainability Council that acts as the unit faculty for collegial governance of the interdisciplinary program. Implements sustainability projects involving the campus and community as a living lab.

Biology Coordinator at Kentucky State University 2015-2018

Led biology faculty in developing course and program outcomes for assessment, assessment plans, and data analysis. I wrote and revised SACS narratives, updates, CPE program review documents, curricular changes and processing documents within the university. I chaired a group of volunteers from the biology unit to revitalize a biotechnology option and courses.

Teaching Experience

University of Louisville Spring 2019-present

SUST602: Sustainability and the Natural Environment: Graduate level course and requirement for the Interdisciplinary Master of Sustainability program

BIOL 644: Advanced Global Change Ecology: Graduate level course will be taught from Biology Department, a requirement for the MA/MS in Interdisciplinary Studies: Concentration in Sustainability degree.

SUST480/PADM683/UPA680/PLAN 680: Urban Agriculture: Course includes many experiential learning opportunities to investigate urban agricultural methods.

Bellarmine University Fall 2015-Fall 2017

Environmental Science: Introductory lecture and laboratory course for majors and a science laboratory course for non-majors at Bellarmine. The course considers human impacts from urbanization, agricultural

practices, waste, and energy extraction and production on the sustainability of natural resources and effects on human health.

Professor, Kentucky State University (KSU) 2005-2018

Taught many courses in the biology department, aquaculture, Whitney Young Honors School, and masters of environmental studies program.

Research Presentations:

1. Prevalence of SARS-CoV-2 in Beargrass Creek, Louisville, KY. Christina Lee Brown Envirome Institute Webinar (January), Salt River Watershed Watch Annual Meeting (February), 2021
2. Harmful Algal Bloom in the Ohio River, Ohio River Basin Research and Education (October), Derby City Sailing Club (December), 2020
3. Ecohydrology of Large Rivers and Implications for Management of Harmful Algal Blooms, Society of Freshwater Science Annual Meeting in Salt Lake City, UT, May 2019
4. Building the Resumes of Future Aquatic Scientists with Curricular Activities, Society of Freshwater Science Annual Meeting in Detroit, MI, May 2018

Mentoring

Carolyn Waters, Bellarmine University. Race Ethnicity and Land in Environmental Education, 2021

Ryan Lloyd, Attitudes of Solar in Kentucky, 2021

Anne Bobigan, Modeling American Chestnut Restoration Sites, 2021

Kayla Pucek, Social Metrics for the Sustainable Land Trust, 2021

Shaelyn Bisop, Impact of tornado on Clay Forest, 2021

Aysha Tap-Ross, Effect of cover cropping methods on Soil Biodiversity, 2021

Cullen Hunter, Presence of SARS-CoV-2 in Urban Streams Receiving Sewer Runoff, 2021

Sarah Becknell, Urban and Rural Foodbank Survey, 2021

Bunny Hayes, Food Associations and Hunger, 2021

Bevin Hardy, Harmful Algal Bloom in the Ohio River, 2020

Cortney Hoffman, Survey of Liberty Park Users, Louisville KY, 2020

Jessica Eggleston, Survey of Contaminants in Community Gardens, 2020

William Fannin, Energy and Comfort Audit of an Academic Building, 2019

Thomas Sommer, Commuter Trends at the University of Louisville, 2019

LSAMP Summer Research Program, 2018: Drinking Water Research Topics: Lead from Drinking Water, Stream Macroinvertebrate Rapid Bioassessment, and Survey of Harmful Algal Blooms

Rhiannon Cecil, 2016-2018. Callery Pear Population Growth and Fish Community Health of Little Six Mile

Megan Glass and Ieshia Hopwood, 2017-2018. Nutrient Export of the KY River

Katy Doyle 2017-2018. Master's of Environmental Studies Capstone: Herpetological Population Stability and Community Diversity at Cove Springs Park

Jean Branttie, 2014-2015. Long term discharge trends in lotic systems of Kentucky, presented at the EPA International Student Symposium in Atlanta, GA.

Melissa Grimes, 2015. Avian diversity in patches affected by the Emerald Ash Borer, presented at the annual meeting of the KY Academy of Sciences in 2015.

Professional Development and Research

- AASHE Social Lens Workshop, 2019
- Sustainable Spirits Summit, 2019

- **Sustainable Value Stream Mapping for Spirits, Brewing and Wine Making, 2019**
- **Delphi Center Online Training, 2019**
- **EPA International Student Environmental Symposium, 2015:** I participated in a workshop that used design principles to solve a problem as a group.

Professional Service

- **Salt River Watershed Watch Steering Committee December 2018-present**
- **Board Member, Louisville Energy Alliance**
- **Co-Chair Education Committee of the Louisville Energy Alliance (LEA), Board of Directors, LEA 2021-present**
- **Kentucky Water Resources and Research Institute Steering Boards**
- **Ohio River Basin Alliance Knowledge to Inform Decisions Committee**
- **Conference Chair, for Annual Symposium on Ohio River Basin Consortium for Research and Education and the Ohio River Basin Alliance, October 2022**
- **Kentucky Conservation Committee Board, 2009-present, Vice-President 2014-February 2015, President 2015-17:** I serve on the Board of KCC and their mission is to review environmental legislation and disseminate the information to the public. KCC is extremely active during the legislative session in the early spring.
- **Partnership for a Green City Steering Committee June 2019-present:**
- **President's Green Ribbon Program Review Commission, 2017, Kentucky State University**
- **Post Tenure Review and Promotion Committee, 2015:** Elected position to review faculty with tenure at Kentucky State University
- **Critical Language Scholars Program Reviewer, Dec, 2014:** I evaluated applicants for the United States Secretary of State Critical Language Scholars Program for their first round of applicants.
- **Biology Committee, 2005-present, Unit Coordinator, 2014-2015:** This committee works on biology curriculum policy and developed student learning outcomes for assessment.