

## **Bridget Curren**

### **Current Role**

Instructional Designer with eCore

### **Publications**

Bennett, H., & Curren, B. (2024, June 7). Ungrading: Using Feedback and Reflection to Address Equity Challenges in Large Classes. *Pedagogy for Higher Education Large Classes (PHELC)*, Online Symposium. <https://doi.org/10.5281/zenodo.11472969>

### **Experience**

June 2019 – February 2024, August 2025-March 2026

#### **Dekalb County Schools, Atlanta, GA – Teacher**

- Lead a PLC team of colleagues. Train the PLC team to use Mail Merge, Illuminate, Canvas, and Infinite Campus. Assist the team in developing science curriculum using NGSS standards and state science standards.
- Develop digital curriculum for distance learning. Led asynchronous sessions via Microsoft teams and Google Meets.
- Plan, develop, and deliver engaging lessons that cater to various learning styles and abilities. Made daily classroom accommodations for exceptional learners.
- Implemented effective classroom management strategies to maintain a conducive learning environment.
- Assessed student progress regularly and provided constructive feedback to enhance academic performance.

July 2022-present

#### **Highland Yoga Work-Trade Employee**

- Clean, disinfect, organize, and prepare the studio space before and after my shift.
- Make/stock cold compress towels for savasana.
- Assess supplies in bathrooms, refrigerators, and re-stock as necessary
- Stay abreast of class schedule changes, shift covers, and general studio updates.

February 2024 - May 2025

#### **SUNY Empire, Saratoga Springs, NY – Remote Instructional Designer**

- Conduct comprehensive accessibility reviews of course materials, ensuring they adhere to accessibility standards and principles of universal design, thereby facilitating equal access to education for all students.
- Authoring and code cleaning of Brightspace HTML to meet current WCAG Accessibility standards
- Utilization of ChatGPT for automating workload tasks (cleaning html, generating code, utilizing Brightspace templates)

- Employ course alignment strategies and Quality Assurance (SCORM) to ensure that instructional materials are closely aligned with learning objectives and assessment methods, fostering meaningful and effective learning experiences for students across various modalities.
- Participate in the University's meetings on governance, as well as collaborate across many teams, to stay abreast of university policies and procedures.
- Resolve technical issues submitted by staff and students via IT service tickets in the TDX Next ticketing software portal.
- Maintain accurate, detailed records of course revisions, reviews, alignments, and general course notes to improve the student experience.
- Kept track of project timelines and milestones (project management) in our project management software Airtable as well as in the Project Scope document.
- Uploaded/ Edited/ Maintained University Multimedia via Kaltura/Learnscape (especially editing for accurate transcripts).
- Authored Accessible Brightspace modules, quizzes, tests, content pages, and multitudes of miscellaneous learning tools as required across many different Academic departments at the University. This required working with SME's from various different expertise.

May 2018 - May 2019

**Woodrow Wilson Foundation, Atlanta, GA - Woodrow Wilson Graduate Fellow**

- Selected as a 2018 fellow for the highly competitive Woodrow Wilson Teaching Fellowship. As a fellow, I participated in a rigorous master's program for Secondary Science Education at Georgia State University while simultaneously being part of Woodrow Wilson professional development events and conferences. Woodrow Wilson Fellows are selected based upon a strong background in STEM and proven record of innovative STEM teaching methods. As a fellow, I underwent additional observations and critiques by my school-based mentor and the program director. Fellows are required to work for three years in a Title I school following the fellowship.

January 2016 - May 2018

**BIOMASS Lab, University of Illinois-Urbana, IL - Graduate Researcher**

- Wrote and updated pre-existing software protocol for the ITEEPGAM agent-based model.
- Edited, tested, and debugged Matlab code for the ITEEPGAM software. Prepared a dissertation based upon the results of software execution.
- Collaborated with the lab group on various projects: soldering circuits, editing/peer-revision, and grants applications.
- Wrote a novel script to execute ITEEPGAM on the Roger Supercomputer housed at UIUC.
- Was a Teacher Assistant (TA) for two sections of Sustainable Biosystems Engineering 101. I taught lessons, graded papers, provided feedback to students, and chaperoned students on a sustainable bioengineering study-abroad project to Puerto Rico in winter of 2017.

Fall 2009 - Winter 2016

**NSF-Funded Water Quality Lab, Urbana, IL – Undergraduate Researcher**

- Under the guidance of Dr. Benito Marinas and Susana Kimura, conducted bench-scale laboratory analysis of drinking water disinfection byproducts.

- Created reactant solutions and desired pH, temperatures, and concentrations. I then measured their products utilizing the Mass Spectrometer.
- Obtained and analyzed data from the Mass Spectrometer-analyzing product peaks using Beer's Law.
- Kept detailed laboratory notes, utilized the autoclave to disinfect lab glassware, presented my findings and group meetings as well as the ACS National Conference.

## **Skills/Certifications**

- Google Associate Cloud Engineer Certification (In progress, Skillssoft)
- Broad Field Certified to teach Science (GAPSC, #1732208)
- Certified Instructional Technologist (GAPSC, #1732208)
- Universal Design for Learning Cert (Active, 2025)
- Trauma-Informed Training Cert (SUNY Empire, Active, 2025)
- Certified in Qualitative Research on Human Subjects (SUNY Empire, Active, 2025)
- Quality Assurance/ Usability Testing Backward design
- Basics of Web Accessibility (Active, Deque University)
- WCAG Standards
- Technical LMS troubleshooting (by answering IT service desk tickets)
- Chatgpt-custom gpts and prompt engineering
- HTML-specifically, coding html in LMS to meet current accessibility standards
- Instruction and digital learning content creation
- Technical writing/software protocol writing
- Collaboration and software training
- Pedagogy of science instruction (specifically Claims, Evidence, and Reasoning)
- Curriculum development/lesson planning/standard alignment
- Facilitation (classroom facilitation and PLC team leading)
- Software: Canvas, MS office, Canva, Storyline, Chat GPT, Black Board, Google Classroom, Infinite Campus.

## **Education**

### **University of Illinois, Urbana-Champaign - *B.S. in Civil and Environmental Engineering***

Received my bachelor's degree in Civil and Environmental Engineering with a secondary concentration in Water Resources Engineering.

### **Georgia State University, Atlanta, GA - *M.A.T. in Secondary Science Education***

Received my master's degree in Secondary Science Education under a Woodrow Wilson Fellowship. I also received my state of Georgia teacher's certificate during this time.

**Kennesaw State University, Kennesaw, GA** - *Education Specialist in Instructional Technology*

Received my Education Specialist degree in Instructional Technology, focusing on ed-tech tools, curriculum development, and culminating with an instructional coaching practicum.