**Curriculum Vitae**

**Erin Duckett, M.S.**

**Senior Lecturer**

**Biology Program**

**College of Arts, Culture, and Scientific Inquiry**

**University of West Georgia**

**Carrollton, GA 30118**

**770-900-0198**

**educkett@westga.edu**

**Teaching**

**2008 - Present BIOL 1010:** Fundamentals of Biology

(In-person with D2L component)

**BIOL 2107**: Principles of Biology I for Biology Majors

(In-person with D2L component)

**BIOL 1107:** Principles of Biology I

(In-person with D2L component)

**BIOL 1107L:** Principles of Biology I Laboratory

(In-person with D2L component)

**BIOL 2108:** Principles of Biology II for Biology Majors

(In-person with D2L component)

**BIOL 2108L:** Principles of Biology II Laboratory for Biology Majors

(In-person with D2L component)

**BIOL 1108:** Principles of Biology II

(In-person with D2L component)

**BIOL 1108L:** Principles of Biology II Laboratory

(In-person with D2L component)

**BIOL 3310L:** Microbiology Laboratory

(In-person with D2L component)

**BIOL 2021L:** Anatomy & Physiology I Laboratory

(In-person with D2L component)

**BIOL 2022L:** Anatomy & Physiology II Laboratory

(In-person with D2L component)

**BIOL 2030:** Medical Microbiology Lecture

(In-person with D2L component; hybrid & online within D2L)

**BIOL 2030L**: Medical Microbiology Laboratory

(In-person with D2L component; hybrid & online within D2L)

**BIOL 2260**: Foundations of Microbiology

(In-person with D2L component)

**BIOL 2260L**: Foundations of Microbiology Laboratory

(In-person with D2L component)

**Education**

**2019-2022 PhD Student in Teaching and Learning, Science Education Concentration**

CumulativeGPA: 4.04

College of Education & Human Development

Georgia State University, Atlanta, GA

**Relevant Courses:**

Qualitative Research Methods I, II, & III

Quantitative Research Methods I & II

Nature of Science

Historical Research in American Education

**2008 – 2010 MS in Biology**

Biology Department

College of Arts & Sciences

University of West Georgia, Carrollton, GA

**2004-2008 BS in Biology**

Biology Department

College of Arts & Sciences

University of West Georgia, Carrollton, GA

**Employment**

**2023 eCore Instructor**

Current instructor of BIOL 1011K Section 1WG

Introductory Biology with Lab I

**2019 – Present Senior Lecturer**

Biology Program

University of West Georgia

**2013 – 2019 Lecturer**

Department of Biology

University of West Georgia

**2015 Reader for Educational Testing Service**

Biology Advanced Placement Exam

Kansas City, MO

California Science Test (CAST) Scorer

**2010 – 2013 Limited Term Instructor**

Department of Biology

University of West Georgia

**2008 – 2010 Graduate Teaching Assistant**

Department of Biology

University of West Georgia

**Skills**

**D2L** Experience with gradebook, calendar, concourse syllabus, content modules, content sub-modules, discussions, groups, announcements, email, quizzes, YuJa, course builder, importing course content, and more

Implementation within face-to-face courses

Implementation and course design for hybrid courses

Implementation and course design for online courses

**Google Suite** Google Drive, Google Docs, Google Slides, Google Sheets, and Gmail

**Microsoft Office** Word, PowerPoint, Excel, and Outlook

**Supervisor Roles**

**2014 – 2019 Student Research Assistant Supervisor**

Department of Biology/College of Education

University of West Georgia

Supervised 4 Undergraduate Research Assistants

**2015 – 2016 Graduate Teaching Assistant Supervisor**

Department of Biology

University of West Georgia

Supervised 6 Graduate Teaching Assistants

**Honors, Awards, and Certifications**

**2019** Excellence in Teaching Award from the College of Science Math

**2018** Risk Management Award, “Award for Excellence”

**2015** Risk Management Award, “Going Above & Beyond” Newnan Campus

**2010 – Present** Certification in Chemical and Biological Waste Training

**2010 – Present** USG Ethics Training, Faculty Certification

**2010** Phi Kappa Phi Honor Society member

**2010** Beta Beta Beta National Biological Honor Society member

**2009** Thomas Hart Scholarship recipient

**2008** WAC (Writing Across the Curriculum) Certification

**2005 – 2007** Dean’s List

**2004 – 2008** HOPE Scholarship Recipient

**Pedagogical Incorporations**

**2013 – Present** Created and incorporated videos within D2L demonstrating laboratory techniques

**2014 – 2019** Incorporated concept maps as a notetaking and study strategy in all courses taught

**Service**

**2018** Involved in curriculum redesign of Principles of Biology I & II lecture courses

**2017** Key performance indicator on Gateways to Completion (G2C) committee

**2013, 2014, 2017 - 2023** Judge at the West Georgia Regional Science Fair University of West Georgia

**2015** Served as Moderator for the Helen Ruffin Reading Bowl University of West Georgia

**2014 – 2017** Participated in UWG Day Villa Rica Middle School

**2018** “Muffins & Mapping” Workshop Leader University of West Georgia

**2018 & 2019** Invited speaker to all girl groups Whitesburg Elementary School

**Internal Grants**

**2018 Duckett, E.**, & Baylen, Danilo M. *We’ve only just begun: Improving student retention and progression in undergraduate biology courses using concept mapping as a note taking strategy.* A STEM grant proposal funded by the University of West Georgia STEM Education Enhancement Plan (SEEP) mini-grant program, Carrollton, GA.

**2018 Duckett, E.**, & Baylen, Danilo M. *We’ve only just begun: Improving student retention and progression in undergraduate biology courses using concept mapping as a note taking strategy.* A UWG SEEP Undergraduate Research and Mentoring Program proposal funded by the University of West Georgia STEM Education Enhancement Plan (SEEP) mini-grant program, Carrollton, GA.

**2018 Duckett, E.**, & Baylen, Danilo M. *Outcomes and discussions on the incorporation of concept mapping as a note taking and study tool in undergraduate biology courses.* A grant proposal funded by the Student Research Assistant Program, University of West Georgia Foundation, Carrollton, GA.

**2017 Duckett, E.**, & Baylen, Danilo M. *Inquiry on using concept mapping as a note taking strategy to improve student performance in undergraduate Biology courses: Year 3*. A STEM grant proposal funded by the University of West Georgia STEM Education Enhancement Plan (SEEP) mini-grant program, Carrollton, GA.

**2017 Duckett, E.**, & Baylen, Danilo M. *Mentoring undergraduate students in researching learning strategies for success in introductory biology courses*. A UWG SEEP Undergraduate Research and Mentoring Program proposal funded by the University of West Georgia STEM Education Enhancement Plan (SEEP) mini-grant program, Carrollton, GA.

**2017 Duckett, E.**, & Baylen, D. M. *Inquiry in the integration of concept mapping as a note taking strategy and its impact on*

*undergraduate student performance.* A grant proposal funded

by the Student Research Assistant Program, University of West Georgia Foundation, Carrollton, GA.

**2016 Duckett, E.**, & Baylen, D. M. *Inquiry on using concept mapping as note taking strategy to improve student performance in undergraduate biology courses*. A STEM grant proposal funded by the University of West Georgia STEM Education Enhancement Plan (SEEP) mini-grant program, Carrollton, GA.

**2016 Duckett, E.**, & Baylen, Danilo M. (2016). *Integrating concept to visual mapping strategies to support undergraduate student performance*. Grant proposal funded by the Student Research Assistant Program, University of West Georgia Foundation, Carrollton, GA.

**2015 Duckett, E.**, & Baylen, Danilo M. *Investigating the use of concept or visual mapping as note taking strategy in undergraduate Biology courses*. A STEM grant proposal funded by the University of West Georgia Institutional STEM Excellence (UWISE) mini-grant program, Carrollton, GA.

**Presentations**

**2019 Erin Duckett** (May 2019). *This is It! Synopsis of Concept Mapping within Biology Courses Over 4 Years*. Innovations in Pedagogy Conference, Center for Teaching and Learning, University of West Georgia, Carrollton, GA

**Erin Duckett** & Danilo M. Baylen (April 2019). *Are We There Yet? Using Concept Maps to Improve Student Performance*. University System of Georgia (USG) Teaching and Learning Conference, Athens, GA

**Erin Duckett** (February 2019). *Is Concept Mapping an Effective Study Strategy? Let’s Hear What the Students have to Say*. Instructional Technology Forum, University of West Georgia, Carrollton, GA

**Erin Duckett** & Danilo M. Baylen (February 2019). *Is Concept Mapping Making a Difference? Exploring Performance*

*Improvements*. Georgia Science Teachers Association, Columbus, GA

**2018 Erin Duckett** (February 2018). *Outcomes and Discussions on the Incorporation of Concept Mapping and the Effects on Student Performance in Science Courses*. Instructional Technology Forum, University of West Georgia, Carrollton, GA

**Erin Duckett** & Danilo M. Baylen (March 2018). *Mapping for Student Success: Taking Notes with Concept Maps in*

*Undergraduate Biology Courses*. National Science Teachers Association, Atlanta, GA

**Erin Duckett** & Danilo M. Baylen (April 2018). *Resistance is Futile? Undergraduate Students’ Perceptions of Concept Mapping as a Study Tool.* University System of Georgia (USG)Teaching and Learning Conference, Athens, GA

**Erin Duckett** & Danilo M. Baylen (May 2018). *Fifty-Fifty Chance or Phone a Friend: Managing Students’ Perceptions of Using Concept Mapping as a Study Tool*. Innovations in Pedagogy Conference, Center for Teaching and Learning, University of West Georgia, Carrollton, GA

**Erin Duckett**, *Et. Al*. (May 2018). Panel Discussion: *Pedagogical Innovations in STEM Education.* Innovations in Pedagogy Conference, Center for Teaching and Learning, University of West Georgia, Carrollton, GA

**2017 Erin Duckett** & Danilo M. Baylen (February 2017). *Inquiry on the Impact of Concept Maps on Student Performance in Science Courses.* Georgia Science Teachers Association Conference, Stone Mountain, GA

**Erin Duckett**, Runeshia Parker & Danilo M. Baylen (April 2017). *Integrating Concept Mapping as a Strategy to Enhance Performance in University-Level Science Courses*. University System of Georgia (USG) Teaching & Learning Conference, Athens, GA

**Erin Duckett** & Danilo M. Baylen (May 2017). *Incorporating Concept Mapping as a Note Taking Strategy: Actions, Benefits, Challenges, and Directions.* Innovations in Pedagogy Conference, Center for Teaching and Learning, University of West Georgia, Carrollton, GA

**2016 Erin Duckett** (February 2016). *Enhancing Assessment of Performance in Biology Courses: Exploring Note Taking Strategies to Support Comprehension, Retention, and Recall*. Georgia Science Teachers Association Conference, Stone

Mountain, GA

**Erin Duckett** (March 2016). *Enhancing Assessment of performance in Biology Courses: Exploring Note Taking Strategies to Support Comprehension, Retention, and Recall*. Georgia Scholarship of STEM Teaching & Learning Conference, Georgia Southern University, Statesboro, GA

**Erin Duckett** & Danilo M. Baylen (April 2016). *Using Multiple Note Taking Strategies to Enhance Assessment Performance in Biology Courses: Blue, Green, or Yellow Notebook?* University System of Georgia (USG) Teaching & Learning Conference, Athens, GA

**Erin Duckett** & Danilo M. Baylen (May 2016). *Aligning Mapping Tools to Support Successful Learning in an Introductory Biology Course.* Innovations in Pedagogy Conference, Center for Teaching and Learning, University of West Georgia, Carrollton, GA

**Invited Talks Erin Duckett** & Danilo M. Baylen. *Impact of Incorporating Concept Mapping as a Note Taking Strategy into Biology Courses*. Teaching and Learning Lunch and Learn Series sponsored by the College of Science and Mathematics, University of West Georgia, Carrollton, GA

**Publications** Baylen, D. M., **Duckett, E.**, Parker, R., & Arellano, E. (2017). Visualizing Learning in College-Level Science Courses: Using Concept Mapping as a Note Taking Strategy. In *Teaching, Colleges, and Community*. Proc. of TCC 2017. Hawaii.

Baylen, D. M., **Duckett, E.**, Arellano, E., & Parker, R. (2017 April). Using concept mapping as a note taking strategy in college-level science courses. In C. Ho (Ed.), 2017 TCC Online Conference Papers, 2017(1). Manoa, HI: University of Hawaii.

Baylen, D. M., **Duckett, E.**, & Arellano, E. (2017). Concept mapping as a note taking strategy in university science courses. *International Journal for Educational Media and Technology*, 11(2). Retrieved from http://jaems.jp/contents/icomj/icomej.html