

Curriculum Vitae

Erin Duckett, M.S.

Senior Lecturer

Biology Program

School of Field Investigation and Experimental Sciences

College of Mathematics, Computing, and Sciences

educkett@westga.edu

Teaching

2008 - Present

BIOL 1010: Fundamentals of Biology
(In-person with D2L component)
BIOL 1010L: Fundamentals of Biology Lab
(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 2251: Anatomy & Physiology I
(In-person with D2L component)
BIOL 2251L: Anatomy & Physiology I Lab
(In-person with D2L component)
BIOL 2260: Foundations of Microbiology
(In-person with D2L component)
BIOL 2260L: Foundations of Microbiology Laboratory
(In-person with D2L component)

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 - Present	eCore Instructor instructor of BIOL 1011K 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

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

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 - 2025** Judge at the West Georgia Regional Science Fair 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>