

CURRICULUM VITAE

Kimberley L. Scasny

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Early Childhood through Secondary Education
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Education

University of West Georgia <i>Teacher Certification Program</i>	2005
The University of Oklahoma <i>Master of Science Degree, Meteorology</i>	1990
Oregon University <i>Bachelor of Science Degree, Atmospheric Sciences</i>	1983

Teaching Experience

<i>College and University</i> University of West Georgia, Carrollton, Georgia Assistant Professor, Clinical Faculty	2016- Present
<i>Secondary School Experience</i> Mason Creek Middle School 6 th Grade Gifted Earth Science and 8 th Grade Math Teacher 6 th Grade Level Chair	2011-2016
Turner Middle School 8 th Grade Math and Science Teacher	2009-2011
Brighten Academy, Douglas County, GA 6 th , 7 th , and 8 th Grade Science Teacher Science Department Chair	2007- 2009
<i>Elementary School Experience</i> Mirror Lake Elementary School 4 th Grade Teacher 5 th Grade Science and Mathematics Teacher	2003-2007

Professional Science Experience

National Weather Service, Atlanta, GA Research Climatologist and Meteorologist	1993-1995
Naval Research Laboratory, Monterey, CA Research Meteorologist in Electro-Optic Systems	1992-1993
Army Air Force Exchange Service, Monterey, CA Executive Assistant to Operations Officer	1991-1992
Embry Riddle Aeronautical University, Spangdahlem, Germany Campus Part Time Instructor, Meteorology	1984-1985
Officer, United States Air Force, Various Locations (U.S. and Europe) Operational and Research Meteorologist	1983-1991

Science Publications

Dreksler, S., Brand, S., & Scasny, K. (1995, April). Electro-optical Tactical Decision Aid Sensor Performance Model. *Navy Research Laboratory, Memorandum Report #7543-94-7216*.

Professional Science Conferences

Brand, S., & Scasny, K. (1993, March). *Tactical/Environmental Decision Aid Sensor Performance Evaluation*. Speech presented at Proceedings of the Test Technology Symposium VI, Baltimore, Maryland.

Scasny, K., & Sierchio, J. M. (1992, December). *Mark III Electro-Optical Tactical Decision Aid Sensor Performance Model Evaluation*. Speech presented at Atmospheric Battlefield Conference, Las Vegas, Nevada.

Grants

Scasny, K.; Strickland, T. (awarded). Using interactive notebooks to engage students in middle grades mathematics, \$1200, funded by Public Education Trust.

Scasny, K.; Vickers, S. (awarded). Project lead the way for Mason Creek Middle School, \$20,000, funded by Goizueta Foundation.

Haynes, L.; Rose, L.; An, Y.; D'Alba, A.; Huett, K.; Mindria, D.; Scasny, K.; Strickland, T. (not awarded). Strategies: Connecting STEM Learning to Atmospheric Research for Community Health (ARCH), \$1,200,000, funded by NSF.

Gaquere, A.; Hasbun, J.; Khan, F.; Shunn; K.; Scasny, K.; Strickland, T. (not awarded). Evaluating the effects of STEAM-based professional development with a Maker component for library staff leading teen programs.

Gaquere, A.; Scasny, K.; Strickland, T. (not awarded). Makerspace as an introduction to undergraduate research, 100,000, funded by the Bill and Melinda Gates Foundation.

Britton, S.; Gilles, B., Scasny, K. (Not awarded). Experiential Learning through Aquatic Environments, \$93,212, funded by the Cedar Tree Foundation.

Service

Professional

Judge Chemistry Projects at the Regional Henry County Science Fair	2017
Judge Engineering Projects at the Douglas County Science Fair	2017
Judge Environmental Projects at the West GA Regional Science Fair	2017
Volunteer Reader at the Sub-Regional Science Bowl	2017, 2019
Facilitated educator STEM activity for professional development at UWG Fusion Center 3 rd annual STEM competition	2017
Review proposals for 2017 NSTA National Conference	2017
Validate statewide pre-service teacher dispositions rubric	2017
Plan and facilitate Project WET at Cobb County School System	
Professional Development Day	2017-2018
Plan a Project Learning Tree Professional Development Workshop in conjunction with GYSTC for local educators	2018
Plan a Project WILD Professional Development Workshop in conjunction with GYSTC for local educators	2018, 2019
Judge middle/high school projects at Douglas County Science Fair	2019
Plan and facilitate Project WET certification training within UWG science methods course for elementary preservice teachers	2018-2019
Plan and facilitate Project WILD/Aquatic WILD certification training within UWG science methods course for elementary pre-service teachers	2019
Judge middle/high school projects at the Regional Science Fair	2019
Judge elementary school projects at the Douglas County Science Fair	2019

Institutional

Faculty Member on Professional Development School Steering Committee	2016-Present
UTeach recruitment speaker at UWG summer freshman orientations	2016-2018
UTeach recruitment speaker at UWG physics courses	2016-2018
Promote ECSE undergraduate programs at UWG preview days	2016-2019
Promote the UTeach program at UWG Majors and Career Fair	2017-2018
UTeach recruitment speaker at UWG geoscience courses	2017
Present at the UWG Future Educator Day	2017-2018
Support staff to the NSF grant submission for MAT Impact Fellows	2018-2019

Community

Faculty Advisor for the planning of the Sub-Regional Science Bowl	2016-2017
Conducted Science demonstrations and activities at local STEM events	2016

UTeach recruitment at Paulding County STEM Expo	2016
Faculty advisor for school participation in GA Gravity Games	2016
Volunteer for the Sub-Regional Science Bowl	2017-2018
Faculty advisor for planning and implementation of UWG Fusion Center STEM Competitions	2016-2019
Conducted science demonstrations at the Providence ES STEM Day	2017,2019
Conducted science demonstrations at the Bremen school system STEAM day	2017
Proctor during GMAS testing at Bowdon Middle School	2018
Conducted science demonstrations at the Gifted STEM day for Carroll County elementary schools	2018
Served as advisor at Douglas County CTAE meeting	2019

Awards

Teacher of the Year, Mason Creek Middle School	2015-2016
Faculty Engagement Award, Early Childhood-Secondary Education Dept.	Oct, 2016, Feb 2018
Project WILD Co-Facilitator of the year for Georgia	2019

Professional Memberships

Georgia Science Teachers Association	2017-Present
National Science Teachers Association	2017-Present