

Amanda Tazaz

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Education

Ph.D.	Oceanography	Florida State University	2013
· Dissertation: Isotopic characterization of methane obtained from hypersaline environments Advisor: Dr. Jeffrey Chanton			
M.S.	Applied Economics	Florida State University	2018
· Group Thesis Project: Pay to Park: Improving the parking congestion at Florida State University			
B.S.	Economics	Florida State University	2008
B.S.	Marine Biology	Florida International University	2006

Experience

Florida State University

Florida Center for Research in Science, Technology, Engineering, and Mathematics

Learning Systems Institute

Senior Research Associate	2022 – Present
Associate in Research	2017 – 2022
Assistant in Research	2013 – 2017
Graduate Research Assistant	2011 - 2013

Earth, Ocean and Atmospheric Science

Graduate Research Assistant	2008-2013
Teaching Assistant	Course: Marine Mammals 2008

Florida International University

College of Arts and Sciences

Laboratory Instructor	Course: Human Biology, General Chemistry, Chemistry and Society	2006 - 2007
Laboratory Research Assistant		2006 - 2007

Skills & Abilities

MANAGEMENT

- Project Manager for multiple large scale randomized control trials with over 10,000 participants each. Effectively supervised a team of 15 research associates at the Learning Systems Institute.

EVALUATION

- Conducted cost effectiveness and fidelity of implementation evaluation of teacher professional development program.

COMMUNICATION

- Prepared progress and annual reports for grant reporting purposes. Prepared manuscripts on research findings for publication. Conducted hundreds of in person and teleconference meetings.

LEADERSHIP

Participated in University search committees and FSU leadership council. Held elected office with the Congress of Graduate Students at FSU for 5 terms, three of which I served as Deputy Speaker for Finance.

Environmental Research Skills:

Ion Chromatograph
Gas Chromatograph
Isotope Ratio Mass Spectrometer
Proficient in ecological sampling techniques

Statistical Software Skills:

Gretl software
Optimal Design software
Statistix statistical program
Stata statistical package
SAS statistical package
R statistical program
Tableau

Publications (select):

Kelley, C.A., Bebout, B., Chanton J.P., Beaudoin, C.S., Detweiler, A.M., Frisbee, A., Nicholson, B.E., Poole, J., **Tazaz, A.M.** & Winkler, C. (2020). The effect of bacterial sulfate reduction inhibition on the production and stable isotopic composition of methane in hypersaline environments. *Aquatic Geochemistry*, Special Edition & 25(5-6)
<https://doi.org/10.1007/s10498-020-09381-z>

Tazaz, A.M. & Schoen, R. C. (2020). Measuring implementation of the first two years of the Teacher Development Group model for professional development based on CGI (Research Report No. 2020-01). Tallahassee, FL: Florida State University.

- Ganley, C.M., Schoen, R.C., LaVenía, M., & **Tazaz, A. M.** (2019). The Construct Validation of the Math Anxiety Scale for Teachers. *AERA Open*, 5(1). <https://doi.org/10.1177/2332858419839702>
- Schoen, R. C., Bray, W., Wolfe, C. M., **Tazaz, A.M.**, & Nielsen, L. (2017). Developing an assessment instrument to measure early elementary teachers' mathematical knowledge for teaching. *The Elementary School Journal*, 118(1), 55-81. <https://doi.org/10.1086/692912>
- Tazaz, A. M.**, Bebout, B.M., Chanton, J.P., Kelley, C.A., Poole, J. (2013). Redefining the isotopic boundaries of biogenic methane: Methane from endoevaporites. *ICARUS*, 224(2), 268-275. <https://doi.org/10.1016/j.icarus.2012.06.008>
- Kelley, C. A., Poole, J.A., **Tazaz, A.M.**, Chanton, J.P., Bebout, B.M. (2012). Substrate limitation for methanogenesis in hypersaline environments. *Astrobiology*, 12(2), 89-97. <https://doi.org/10.1089/ast.2011.0703>

Fellowships and Awards:

- Florida Education Fund Carl Crawford Award 2012
- Student Poster Award, American Geophysical Union Fall meeting 2009
- McKnight Doctoral Fellowship recipient 2008
- Florida State University Fellows Society
- Florida State University Leadership Award Nominee 2012
- Florida State University Seminole Torchbearer 2011

Organizational Affiliations:

- American Geophysical Union (AGU)
- American Educational Research Association (AERA)
- Association for the Sciences of Limnology and Oceanography (ASLO)
- Association of Mathematics Teacher Educators (AMTE)
- Black in Marine Science (BIMS)
- Black Women in Ecology, Evolution, and Marine Science (BWEEMS)
- Florida Council of Teachers of Mathematics (FCTM)
- Florida Education Fund McKnight Doctoral Alumni Association
- Florida State University Fellows Society
- League of Environmental Educators in Florida (LEEF)
- National Council of Teachers of Mathematics (NCTM)
- Society for Research on Educational Effectiveness (SREE)

Full CV can be found online at <https://myweb.fsu.edu/amt02e/>