

Michelle A. Ziadie

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EDUCATION

- Current Ph.D. Candidate, Department of Genetics, University of Georgia, Athens, GA
Advisors: Allen Moore, Tessa Andrews.
- May 2014 B.S., Biology, University of South Florida, Tampa, FL
Concentration: Integrative Animal Biology
- May 2010 A.A., Art and Art Education, Miami-Dade College, Miami, FL
Concentration: Painting

PUBLICATIONS

- 2018 **Ziadie, M. A.**, Andrews, T. C. (2018) Moving evolution education forward: A Systematic Analysis of Literature to Identify Gaps in Collective Knowledge for Teaching. *CBE-Life Sciences Education*, 17(1).
- Ziadie, M. A.**, F. Ebot-Ojong, E. C. McKinney, A. J. Moore. The Evolution of Personal and Social Immunity in the Context of Parental Care. (*In Review*)
- Ziadie, M. A.**, Andrews, T. C. A guide for capitalizing on collective wisdom for teaching evolution. (*In Review*)

RESEARCH SUPPORT

- 2016 National Science Foundation, Graduate Research Fellowship (\$138,000)
STEM Education and Learning

HONORS AND AWARDS

- 2015 UGA Graduate School Travel Award (\$250)
- 2018 UGA Office of Research Foreign Travel Award (\$1,536)

RESEARCH EXPERIENCE

- 2015- Dissertation Research, University of Georgia, Department of Genetics
Pedagogical Content Knowledge in Evolution Education
Advisor: Tessa Andrews
- 2015- Dissertation Research, University of Georgia, Department of Genetics
Social Immunity and the Evolution of Parental Behavior
Advisor: Allen Moore
- 2014-2015 Research Assistant, University of South Florida, Department of Integrative Biology
Heritability of Stress-Induced Epimutation in *A. thaliana*
Advisor: Christina Richards
- 2013-2014 Undergraduate Researcher, University of South Florida, Department of Integrative
Biology
Differential Gene Expression in Response to Oil Stress
Advisor: Christina Richards

TEACHING/MENTORING EXPERIENCE

- 2017 Supervised Training of Undergraduate Volunteer Researcher, Shyam Vyas
University of Georgia, Moore Lab
- 2017 Supervised Training of Undergraduate Volunteer Researcher, Nnaji Emetu
University of Georgia, Andrews Lab
- 2017 Supervised Training of Undergraduate Volunteer Researcher, Dustin Dial
University of Georgia, Andrews Lab
- 2016-2017 Supervised Training of CURO Student, Raheela Charania
Evolution Topics in Undergraduate Education Research
University of Georgia, Andrews Lab
- 2016-2017 Supervised Training of Undergraduate Volunteer Researcher, Chiamaka Ohanu
University of Georgia, Moore Lab
- 2014-2015 Supervised Training of Undergraduate Assistant, Jeannie Mounger
University of South Florida, Richards Lab

PRESENTATIONS AND POSTERS

- 2017 **Ziadie, M. A.**, T. C. Andrews. What do we *really* know about undergraduate evolution education? A systematic analysis of collective knowledge
Short talk given at the Society for the Advancement of Biology Education Research (SABER) meeting 2017, University of Minnesota, Twin Cities, MN
- 2017 **Ziadie, M. A.**, T. C. Andrews. What do we *really* know about undergraduate evolution education? A systematic analysis of collective knowledge
Talk given at the Enthusiasts of Diversity, Genetics and Evolution (EDGE) meeting, University of Georgia, Athens, GA
- 2016 **Ziadie, M. A.**, E. C. McKinney, A. J. Moore. Parenting and Pathogens in *Nicrophorus vespilloides*.
Poster given at Evolution 2016, Austin, TX
- 2014 Fleury, L., **M. Ziadie**, S. Voors, M. Alvarez, C.L.Richards. Differential Gene Expression in Response to Oil Stress in *Spartina alterniflora*.
Poster given at the Undergraduate Research Symposium, University of South Florida, Tampa, FL

SCIENCE OUTREACH

- 2016- Athens Science Observer
Writer, Associate Editor, Social Chair
- 2018 Special Judge and Presenter of UGA Genetics Graduate Association Excellence in Genetics Awards at the Georgia Science and Engineering Fair

ADDITIONAL TRAINING

- 2016 UGA STEM Institute on Teaching and Learning

ACADEMIC SERVICE

- 2017-2018 UGA Genetics Graduate Student Association Executive Board
Secretary
- 2016-2017 UGA Genetics Travel Award Judge