

# Kaydee Jo West

Department of Geological Sciences  
The University of Alabama  
Tuscaloosa, AL

## Education

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- 2017-present **Doctoral Student**, Geology, The University of Alabama  
Major Advisor: Thomas S. Tobin, PhD
- 2014-2016 **Master of Science**, Geology, School of Geosciences, University of South Florida  
Major Advisor: Gregory S. Herbert, PhD  
Master's thesis: Optimizing Methods for Extracting Organic Compounds from Molluscan Shells
- 2010-2014 **Bachelor of Science** (*cum laude*), Interdisciplinary Natural Sciences, Honors College, College of Arts and Sciences, University of South Florida  
Honors thesis: A Journey into the Small Non-profit

## Awards & Honors

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- Three Minute Thesis Competition**, November 2017  
Graduate School, University of Alabama  
Placed 4<sup>th</sup> in university-wide final competition
- Graduate Council Fellowship & Lindahl Scholarship**, January 2017  
Graduate School, University of Alabama  
Awarded to University of Alabama students based on merit
- Graduate Research Fellowship Program Honorable Mention**, April 2016  
National Science Foundation  
Awarded to applicants falling roughly within the top 12-30% of ~17,000 applications
- Richard A. Davis Endowed Fellowship**, February 2016  
Geology Alumni Society, University of South Florida  
Awarded annually to two graduate students who demonstrated excellence
- Winifred Goldring Award**, April 2015  
Association for Women Geoscientists  
Awarded annually to an outstanding female student pursuing a career in paleontology
- Outstanding Mention**, February 2015  
Geological Society of America  
Recognizes proposals of exceptional merit in conception and presentation

## Teaching Experience

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### University of Alabama, Tuscaloosa Campus

- Historical Geology Lecture, Instructor of Record, Summer 2018  
Invertebrate Paleontology Lecture, Interim Instructor, April 2018  
Invertebrate Paleontology Laboratory, Graduate Teaching Assistant, Spring 2018

**Lennard Collegiate Academy, Hillsborough Community College, SouthShore Campus**

Astronomy Lecture, Instructor of Record, Fall 2016

**Hillsborough Community College, Dale Mabry Campus**

Earth Science Lecture and Laboratory, Instructor of Record, Fall 2016

**University of South Florida, Tampa Campus**

History of Life Lecture, Graduate Teaching Assistant, Summer 2016

History of Life Laboratory, Graduate Instructional Assistant, Spring 2015-Spring 2016

Essentials of Geology Laboratory, Graduate Instructional Assistant, Fall 2014

**Research & Travel Grants**

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**Alabama Geological Society**

John S. Winefordner Scholarship, April 2018

**Graduate School, University of Alabama**

Research Support Fund Recipient, April 2017 & April 2018

**Geological Sciences Advisory Board, University of Alabama**

Summer Graduate Scholarship, April 2017

Hooks Research Grant, April 2017 & April 2018

**Student Government, University of South Florida**

Conference Presentation Grant, August 2016

**Student Government, University of South Florida**

Conference Presentation Grant, September 2015

**Association for Women Geoscientists**

Sand Research Presentation Travel Award, September 2015

**School of Geosciences, University of South Florida**

Tharp Fellowship, May 2015

**Geological Society of America**

Student Research Grant, April 2015

On to the Future Scholar, October 2014

**Florida Paleontological Society**

Gary S. Morgan Student Research Award, January 2015

**Broward Shell Club**

Broward Shell Club Scholarship, July 2014

**Paleontological Society Student Research Grant**

Ellis L. Yochelson Award, April 2014

**Honors College, University of South Florida**

Undergraduate Research Scholarship, April 2014

**Office of Undergraduate Research, University of South Florida**

Excellence in Undergraduate Research Award, April 2014

**National Conference Presentations**

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**West, K.J.**, V.A. Morozov, and G.S. Herbert (September 26, 2016) Gastropod opercula as a trophic archive: a stable isotope approach. *Geological Society of America Annual Meeting*. Denver, Colorado (Oral Presentation).

- West, K.J.**, K. Smirnov, and G.S. Herbert (August 11, 2016) Altered biotic interactions in the Anthropocene: a 3.5 myr baseline of gastropod drilling predation from the eastern Gulf of Mexico. *Ecological Society of America Annual Meeting*. Fort Lauderdale, Florida (Poster Presentation).
- West, K.J.** (November 2, 2015) Food webs and fossils: using stable isotopes to investigate ecosystems of the past. *Student Awards Ceremony and Poster Session, Geological Society of America Annual Meeting*. Baltimore, Maryland (Invited Poster Presentation).
- West, K.J.**, K. Smirnov, and G.S. Herbert (November 2, 2015) Altered biotic interactions in the Anthropocene: a 3.5 myr baseline of gastropod drilling predation from the eastern Gulf of Mexico. *Geological Society of America Annual Meeting*. Baltimore, Maryland (Poster Presentation).

## Regional Conference Presentations

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- West, K.J.**, V.A. Morozov, and G.S. Herbert (February 18, 2017) Gastropod opercula as a trophic archive: new insights and results. *Eighth Annual Meeting of the Florida United Malacologists*. Deland, Florida (Oral Presentation).
- West, K.J.** (November 4, 2016) Using Biointeractive's resources in a flipped classroom. *Partnership to Support, Strengthen and Advance Geoscience Education (PaSSAGE) in Florida 2 Year Colleges*. Daytona Beach, Florida (Invited Oral Presentation).
- West, K.J.** and G.S. Herbert (February 20, 2016) Optimizing methods for extraction of proteins from molluscan shells. *Seventh Annual Meeting of the Florida United Malacologists*. Sanibel, Florida (Oral Presentation).
- West, K.J.**, V.A. Morozov, and G.S. Herbert (April 12, 2014) Gastropod opercula as a trophic archive: a stable isotope approach. *Fifth Annual Meeting of the Florida United Malacologists*. Sanibel, Florida (Oral Presentation).

## University & Community Presentations

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- West, K.J.** and G.S. Herbert (March 28, 2016) Optimizing methods for extraction of proteins from molluscan shells. *University of South Florida Eighth Annual Graduate and Postdoctoral Scholar Research Symposium*. Sanibel, Florida (Poster Presentation).
- West, K.J.**, K. Smirnov, and G.S. Herbert (August 12, 2015) Snail predation in the Gulf of Mexico: 3.5 myr of history. *Broward Shell Club*. Pompano Beach, Florida (Invited Oral Presentation).
- West, K.J.**, V.A. Morozov, and G.S. Herbert (April 15, 2014) Gastropod opercula as a trophic archive: a stable isotope approach. *University of South Florida Undergraduate Research and Arts Colloquium*. Tampa, Florida (Poster Presentation).

## Educational Outreach & Service

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### Tide Together Mentoring Program, University of Alabama

Invited Speaker, Communicating Your Research Symposium, February 9, 2018

### The Speaking Studio, University of Alabama

Graduate Peer Consultant, Spring 2018

**Geology Graduate Student Organization, University of South Florida**

Event organizer and committee chairperson, GGSO Writing Retreat, April 23-24, 2016

Panelist, So You Want to Go to Grad School Panel, October 28, 2014

**Hillsborough County Public Schools Darwin Day Celebration**

Workshop leader, February 12, 2016

Workshop co-leader, February 7, 2015

**5<sup>th</sup> International Clumped Isotope Workshop**

Student Volunteer Committee, January 6-9, 2016

**Newsome High School**

Invited Speaker, Great American Teach In, November 19, 2015

**Progress Village Middle Magnet School of the Arts**

Invited Speaker, Great American Teach In, November 20, 2014

Invited Speaker, 8<sup>th</sup> Grade Science, September 29, 2014

**Young Middle Magnet Creative Science Centre**

Invited Speaker, Science Night, September 11, 2014