

# William B. Clark

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## Education

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- Doctorate of Philosophy: Geological Sciences*  
**University of Alabama** August 2020 - 2024  
Advisor: Dr. Rebecca Minzoni
- Master of Science: Earth and Atmospheric Sciences* August 2018  
**University of Nebraska-Lincoln**  
Thesis: A Quantitative Analysis of Calcareous Cannofofossils Across a Late Oligocene Paleolatitude Transect of the North Atlantic Ocean.  
Advisor: Dr. David Watkins
- Bachelor of Arts in English Literature and Dramatic Arts* May 2012  
**University of South Alabama**, Magna Cum Laude  
Honors Thesis: Erenski's Choice, a Play in Three Acts  
Advisor: Dr. Richard Hillyer

## Research Interest

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Quantitative and biostratigraphic analysis of calcareous nannoplankton, nannoplankton population dynamics paleoceanography and paleoecological distribution. Stratigraphic and sedimentological correlation, timescale analysis, and stable isotope geochemistry.

## Teaching/Research Experience

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- University of Alabama*  
**Guest Lecturer – Calcareous Nannoplankton** October, 2019
- University of Nebraska-Lincoln*  
**Graduate Research Assistant** Spring-Summer 2018  
Lab manager, advanced slide preparation, gravitational settling technique
- University of South Alabama*  
**Undergraduate Teaching Assistant: Physical Geology Lab** Fall 2015  
Graded tests, prepared labs, oversaw lab study groups
- Undergraduate Teaching Assistant: Historical Geology Lab** Spring 2015  
Graded tests and lab assignments, organized study groups
- Undergraduate Teaching Assistant: Playwriting** Spring 2013  
Lecturer, organized writing groups, graded assignments

## **Publications**

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**Clark, William B.**, and Watkins David K., (2020), A Quantitative Analysis of Calcareous Nannofossils Across a Late Oligocene Paleolatitude Transect of the North Atlantic Ocean. *Marine Micropaleontology* Vol. 158, 101892.

## **Conference Presentations**

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### Oral Presentations:

**Clark, William B.**, Watkins, David K., (2019, July) Biostratigraphic and Paleoecological Analysis of Late Oligocene Calcareous Nannoplankton of the North Atlantic Ocean. Abstract submitted to STRATI Congress Milan, Italy, 2019.

**Clark, William B.**, and Watkins, David K., (2018, November), A Quantitative Analysis of Calcareous Nannofossils Across a Late Oligocene Paleolatitude Transect of the North Atlantic Ocean. Abstract submitted to GSA national meeting, Indianapolis, Indiana, 2018.

### Poster Presentations:

Mullins, Carolyn, Jackson Jr., William T., Allison, David T., and **Clark, William B.**, (2019, September), Geology of the Brewersville 7.5-Minute Quadrangle, Greene and Sumter Counties, Alabama: Mapping and Detrital Zircon U-Pb Results from the USGS EDmap Program. Presented at GSA national meeting, Phoenix Arizona, 2019.

**Clark, William B.**, Clark, M.W. and Clark, R.K., (2016, September), Fractal Geometry of Nannofossil Species *Discoaster pentaradiatus*. Poster presented at GSA national meeting, Denver, Colorado, 2016.

Lyerly Kaitlin, **Clark, William B.**, Williams, Jacob L., and Clark, M.W., (2016, March), Oligocene Biostratigraphy and Sedimentation Rate Analysis of Three Gulf of Mexico Boreholes: Block 526 Port Isabel, Block 627 Alaminos Canyon, Block 555 Mississippi Canyon. Poster presented at SC-GSA regional meeting, Baton Rouge, Louisiana, 2016.

**Clark, William B.**, (2015, May), Neogene Biostratigraphy and Sedimentation Rate Analysis of Deep Oil Well Samples, Block 555. Poster presented at GSA national meeting, Baltimore, Maryland, 2015.

## **Other Training/Experience**

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Field Experience: Danish Basin, Denmark Summer 2018  
Taught by: Dr. Nicholas Thibault and Dr. David Watkins

Short Course: Cyclostratigraphy Spring 2018  
Hosted by the University of Nebraska-Lincoln  
Taught by: Dr. Erik Wolfgring

Field Experience: BIOS, Bermuda Taught by: Dr. Peir Pufahl and Dr. Tracy Frank	Summer 2017
Workshop: Quantitative Biostratigraphy NAMS: Microfossils IV Conference, Houston, TX Taught by: Dr. Felix Gradstein and Dr. Anthony Gary	Spring 2017
Short Course: Biostratigraphy in the Oil Industry Hosted by the University of Nebraska-Lincoln Taught by: Dr. Ian Prince	Fall 2017
Field Experience: Western County Claire, Ireland Taught by: Dr. Jim Best and Dr. Christopher Fielding	Summer 2016
Short Course: Advanced Sequence Stratigraphic Applications for Exploration AAPG, Denver CO Taught by: Dr. Vitor Abreu and Dr. Keriann Pederson	Spring 2015
Horizon Theatre Playwriting Apprenticeship, Atlanta GA. Stage presentation of three plays	2013-2014

## **Honors and Awards**

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**National Alumni Association Fellowship – University of Alabama** Fall 2020 – 2023

### **Member of Phi Kappa Phi**

**John Faggard Geology Award** Spring 2015  
Qualified by being the student with the highest academic standing in Geology courses who is within one year of graduation at the University of South Alabama.

## **Grants**

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**University of South Alabama, Office of Undergraduate Research** Summer 2015  
Neogene Biostratigraphy and Sedimentation Rate Analysis of Deep Oil Well Samples, Block 555.

## **Technical Skills**

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Trained to use the Leica DM750P light microscope and Jenoptik NAOS camera system.  
(Personally Own)

Trained to use Olympus BX-51 light microscope and Olympus DP71 camera system.

Trained to use Nova Nanosem 450 scanning electron microscope.

Use of applications such as Excel, CorelDraw, PAST, Origin, JMP,

Trained on Total Station/Surveying.

Advanced microscope slide techniques: Double slurry, random settling

## **University Service**

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“Dinosaurs and Disasters” for the University of Nebraska State Museum	2016-2018
AAPG Student Chapter President <i>University of South Alabama</i>	2015