

**Sydney E. James**  
sydneyjames@asu.edu

**Education**

- Ph.D., Anthropology (in progress) current  
Arizona State University  
School of Human Evolution and Social Change  
Institute of Human Origins affiliated graduate student  
Advisor: Dr. Kathryn Ranhorn
- B.A., Anthropology and Geography with Honors 2019  
Coastal Carolina University  
Minor: History  
Certificates: Applied Archaeology, Cultural Heritage Studies, Geospatial Technologies  
*Summa Cum Laude* (4.0)  
Thesis title: "The Applications of GIS on Lithic Raw Material Source Analysis"  
Advisor: Dr. Carolyn Dillian

**Research Interests**

Lithic analysis, Paleolithic archaeology, lithic raw material procurement, human-environment interactions, early human behavior, Late Pleistocene technological transitions, geoarchaeology

**Research Experience**

- Graduate Researcher, Koobi Fora Research and Training Program current  
Intern, Koobi Fora Field School (KFFS) 2019
  - Ongoing research building on previous work to understand the relationships between Pleistocene archaeological sites and raw material sources
- Research Assistant, Coastal Carolina University 2017 - 2019
  - Research conducted under Dr. Carolyn Dillian exploring the uses of geochemical characterization via x-ray fluorescence to improve traditional minimum number of vessel calculations on ceramics in site assemblages
- COHFA Research Fellow, Coastal Carolina University 2017 - 2019
  - Conducted research on the incorporation of experimental archaeology into classroom settings to provide recommendations to educators on increasing engagement in classrooms for students of all ages

**Teaching Experience**

- Teaching Associate, Arizona State University current
  - ASB 222: Buried Cities and Lost Tribes (Fall 2020)
- Intern, Koobi Fora Field School 2019
  - Lecturing on raw material identification, procurement, and transport
  - Assisting in the instruction of excavation techniques and materials
  - Led research project for a field school student

Site Assistant, Prehistoric Archaeology Field School 2019  
 - Assisted Dr. Carolyn Dillian with overseeing student excavations and lab work at Coastal Carolina University

## **Student Mentees**

Phillip M. Kyule, University of Nairobi

## **Fellowships and Grants**

National Science Foundation Research Experience for Undergraduates 2019  
 - Funding to continue work with KFFS as an intern  
 National Science Foundation International Research Experience Fellow 2018  
 - Full funding to attend KFFS  
 COHFA Research Fellow 2017 - 2019  
 - Research Fellow in the College of Humanities and Fine Arts (COHFA) at Coastal Carolina University

## **Honors and Awards**

American Association for State and Local History - Award of Excellence 2020  
 - Student participant; award granted to the Printing the Past: SC in 3D exhibit in the Horry County museum. Exhibit focused on using 3D printing technology to make museum exhibits more accessible to communities with various cognitive and physical disabilities (Co PIs: Dr. Katie Stringer Clary and Dr. Carolyn Dillian).  
 American Association for State and Local History - History in Progress Award 2020  
 - Student participant; award granted to the Printing the Past: SC in 3D exhibit in the Horry County museum. Additional award granted to Award of Excellence winners at discretion of the awards committee for scholarship, inclusiveness, partnerships, etc. (Co PIs: Dr. Katie Stringer Clary and Dr. Carolyn Dillian).  
 Outstanding Graduate for the College of Humanities and Fine Arts 2019  
 Outstanding Graduate in Anthropology and Geography 2019  
 Academic Honors Excellence Award 2018 - 2019  
 Outstanding Sophomore Award, Anthropology and Geography Department 2018  
 1st Place, Coastal Carolina University Undergraduate Research Competition 2018  
 Outstanding Freshman Award, Anthropology and Geography Department 2017  
 President's List, Coastal Carolina University 2016 - 2019

## **Published Abstracts** (\*Denotes student co-author)

**James, Sydney E.,** Reeves, J. S., Kyule, P. M.\*, Douglass, M. J., and Braun, D. R. (2020). The Influence of Raw Material Availability on Pleistocene Lithic Assemblages in the Koobi Fora Formation (Kenya). Poster accepted for presentation at the Paleoanthropology Society Annual Meeting (meeting cancelled due to COVID19).

**James, S.,** Reeves, J., Douglass, M., and Braun, D. R. (2019). The Influence of Raw Material Availability on Site Assemblage Variability in the Koobi Fora Fm. (Kenya). Poster at the Society for American Archaeology Annual Meeting.

**James, S.**, Reeves, J., Douglass, M., and Braun, D. R. (2018). The Influence of Raw Material Availability on Site Assemblage Variability. Presentation at the Koobi Fora Research and Training Program Annual Workshop.

**James, S.** (2018). Using Experimental Archaeology as a Tool for Education. Presentation at the Coastal Carolina University Undergraduate Research Competition.

**James, S.** (2018). Experiments Incorporating X-ray Fluorescence within Traditional MNV Calculations. Presentation at the Middle Atlantic Archaeology Conference (MAAC).

Dillian, C., and **James, S.** (2017). How Many Pots? Experiments Using an Alternative Method to Calculate MNV with X-ray Fluorescence. Presentation at the Reconstructive and Experimental Archaeology Conference (REARC).

### **Professional Memberships**

Paleoanthropology Society

Society for American Archaeology (SAA)

East African Association for Paleontology and Paleoanthropology (EAAPP)

### **Additional Field and Lab Experience**

Crew Chief, Terracon Inc.	2019-2020
Koobi Fora Field School, Student	2018
Field Technician, South Carolina Institute of Archaeology and Anthropology	2018
Prehistoric Archaeology Field School, Coastal Carolina University, Student	2017
Lab Assistant, Coastal Carolina University Archaeology Lab	2017 - 2019

### **Collaborators**

Carolyn D. Dillian (Coastal Carolina University), David R. Braun (The George Washington University), Matthew J. Douglass (University of Nebraska Lincoln), Jonathan S. Reeves (University of Tübingen), Katie Stringer Clary (Coastal Carolina University)