

Isabelle Lulewicz

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Department of Anthropology
University of Georgia
Baldwin Hall, 355 S. Jackson St.
Athens, Georgia 30602

EDUCATION

- 2015- Present PhD Candidate, Anthropology, **University of Georgia**
Dissertation: *Environmental Change and Calusa Economic Strategies, AD 1000 – 1500*
Committee: Victor Thompson (Chair), Elizabeth Reitz, Robert Speakman, Suzanne Birch
- 2015 BS Geology, **University of Georgia**
- 2015 BA Anthropology, **University of Georgia**

RESEARCH INTERESTS

Environmental archaeology, paleoenvironmental reconstruction, complex fisher-gatherer-hunters, zooarchaeology, stable isotope analysis, historical ecology, climate change, economic anthropology, chronological modelling, geoarchaeology, geological applications in archaeology

RESEARCH GRANTS

- 2018 Domestic Travel Award, UGA Graduate School, \$650
2018 Norm Herz Small Grant, Center for Archaeological Sciences, \$540
2017 University of Georgia Domestic Travel Grant, \$200

AWARDS

- 2018 Hamilton Lokey Graduate Scholarship, University of Georgia, \$4,000
2017 Hamilton Lokey Graduate Scholarship, University of Georgia, \$4,000
2016 Winner, Society for American Archaeology Ethics Bowl Team Competition
2016 Hamilton Lokey Graduate Scholarship, University of Georgia, \$4,000
2015 Hamilton Lokey Graduate Scholarship, University of Georgia, \$4,000
2014 Newmont Gold Geology Field School Scholarship, \$1,000*
2013 Brian Daniel Gumbert Award for Archaeological Excellence in the Field, \$500

PUBLICATIONS (UNDER REVIEW/IN PREP)

Thompson, Victor D., William H. Marquardt, Karen J. Walker, **Isabelle H. Lulewicz**, Mike Savarese, Lee Newsom, Amanda Roberts Thompson, and Nathan Lawres,
n.d. The Chronology and Construction of Water Courts at Mound Key, Capital of the Calusa Kingdom. To be submitted to *Science*.

Lulewicz, Isabelle H., Neill Wallis, and Victor D. Thompson
n.d. Season of the Mound Builders: Shellfish Collection and Mound Construction at the Garden Patch Site, Gulf Coast Florida, USA. To be submitted to *Journal of Archaeological Sciences*.

Lulewicz, Isabelle H.
n.d. Big Deer: Ecological Contexts and the Movement of Food throughout Mississippian Georgia. To be submitted to *Journal of Ethnobiology*.

PUBLICATIONS (* Denotes Peer-Reviewed Articles)

Carla S. Hadden, Kathy M. Loftis, Alexander Cherkinsky, Brandon T. Ritchison, **Isabelle H. Lulewicz** and Victor Thompson
n.d. Radiocarbon in marsh periwinkle (*Littorina irrorata*) shell carbonate and conchiolin: applications for archaeology. *Under Review – Radiocarbon*.

*Robert J. Speakman, Carla S. Hadden, Matthew H. Colvin, Justin Cramb, K.C. Jones, Travis W. Jones, **Isabelle H. Lulewicz**, Katharine G. Napora, Katherine L. Reinberger, Brandon T. Ritchison, Alexandra R. Edwards, Victor D. Thompson
2018 Market Share and Recent Hiring Trends and Trajectories in Anthropology Faculty Positions. *PLOS ONE* 13(9). e0202528.

*Victor D. Thompson, Chester B. DePratter, Jacob Lulewicz, **Isabelle H. Lulewicz**, Amanda D. Roberts Thompson, Justin Cramb, Brandon Ritchison, Matthew H. Colvin
2018 The Archaeology and Remote Sensing of Santa Elena's Four Millennia of Occupation. *Remote Sensing* 10:248; doi: 10.3390/rs10020248

*Robert J. Speakman, Carla S. Hadden, Matthew H. Colvin, Justin Cramb, K.C. Jones, Travis W. Jones, Corbin L. Kling, **Isabelle Lulewicz**, Katharine G. Napora, Katherine L. Reinberger, Brandon T. Ritchison, Maria Jose Rivera-Araya, April K. Smith, Victor D. Thompson.
2018 Choosing a Path to the Ancient World in a Modern Market: The Reality of Faculty Jobs in Archaeology. *American Antiquity* 83(1):1–12. *Society for American Archaeology Paper of the Month, March 2018*.

***Lulewicz, Isabelle H.**, Thompson, Victor D., Pluckhahn, Thomas J., Das, Oindrila, and Fred T. Andrus

2018 Exploring Oyster (*Crassostrea virginica*) Habitat Collection via Oxygen Isotope Geochemistry and its Implications for Ritual and Mound Construction at Crystal River and Roberts Island, Florida. *Journal of Island and Coastal Archaeology* 13(3):338-404.

***Lulewicz, Isabelle H.**, Victor D. Thompson, Justin Cramb, and Bryan Tucker

2017 Oyster Paleoecology and Native America Subsistence Practices on Ossabaw Island, Georgia, U.S.A. *Journal of Archaeological Science: Reports*, 15:282 – 289.

PUBLICATIONS (BOOK REVIEWS)

Lulewicz, Isabelle H.

2017 Review of *Gathering at Silver Glen: Community and History in Late Archaic Florida* by Zachary I. Gilmore and *Constructing Histories: Archaic Freshwater Shell Mounds and Social Landscapes of the St. Johns River Florida* by Asa R. Randall. *Cambridge Archaeological Journal* 27(2):584 – 586.

TECHNIAL REPORTS

Thompson, Victor D., Chester B. DePratter, Jacob Lulewicz, **Isabelle Lulewicz**, Brandon Ritchison, Amanda Thompson, Matthew Colvin, and Justin Cramb

2018 *Mapping Four Millennia of Occupation at Santa Elena, Parris Island, South Carolina*. Report Submitted to the United States Marine Corps Recruit Depot at Parris Island, South Carolina.

Lulewicz, Isabelle H.

2016 *The Large Body Size of White-Tailed Deer (*Odocoileus virginianus*) at the Irene Mound Site (9CH1), Chatham County*. Manuscript No. 1458, Georgia Archaeological Site File, University of Georgia, Athens.

Thompson, Victor D., Matthew Colvin, **Isabelle Lulewicz**, Jake Lulewicz, Katherine Napora, Brandon Ritchison.

2016 *Shallow Geophysical Survey of Farmer' Bottom Site, 9ST62, Chattooga River Ranger District, Chattahoochee-Oconee National Forests, Stephens County, Georgia*. Report submitted to USDA Forest Service Chattahoochee-Oconee National Forests 1755 Cleveland Hwy Gainesville, GA 30501.

CONFERENCE PARTICIPATION (PRESENTATIONS) *INVITED

Organized Sessions

Lulewicz, Isabelle H. and Justin Cramb

2019 [Forthcoming, 4/11] Zooarchaeology and Technology: Case Studies and Applications. Society for American Archaeology, Albuquerque, NM.

Presentations

Lulewicz, Isabelle H., Victor Thompson, William Marquardt, and Karen Walker

2019 [Forthcoming, 4/11] A Combined Bayesian and Zooarchaeological Approach to Understanding Local Histories of Socio-Ecological Adaptation in Southwestern Florida, USA. Paper to be presented at the Society for American Archaeology, Albuquerque, NM.

Lulewicz, Isabelle H., Victor Thompson, William Marquardt, and Karen Walker

2018 A Bayesian Perspective on Socio-Ecological Dynamics at the Pineland Site Complex (8LL33), Gulf Coast Florida. Paper to be presented at the Southeastern Archaeological Conference, Augusta, GA.

Thompson, Victor, William Marquardt, Karen Walker, **Isabelle H. Lulewicz**, Mike Savarese, Lee Newsom, Amanda Roberts Thompson, and Nathan Lawres

2018 The Chronology and Construction of Water Courts at Mound Key, the Capital of the Calusa Kingdom. Paper to be presented at the Southeastern Archaeological Conference, Augusta, GA.

Hadden, Carla S., Alexander Cherkinsky, Brandon T. Ritchison, **Isabelle H. Lulewicz**, and Victor Thompson

2018 Carbon Isotopes in the Marsh Snail *Littorina irrorata* and Implications for Radiocarbon Dating. Paper presented at the 23rd International Radiocarbon Conference in Trondheim, Norway.

Lulewicz, Isabelle H., Victor D. Thompson, and Neill Wallis

2018 Season of the Mound Builders: Shellfish Collection and Mound Construction at the Garden Patch Site, Gulf Coast Florida, USA. Paper presented at the Society for American Archaeology, Washington, DC

Speakman Robert J., Carla S. Hadden, Matthew H. Colvin, Justin Cramb, K.C. Jones, Travis W. Jones, **Isabelle Lulewicz**, Katharine G. Napora, Katherine L. Reinberger, Brandon T. Ritchison, Alexandra R. Edwards, and Victor D. Thompson

2018 The Reality of Faculty Jobs in Archaeology. Poster presented at the Society for American Archaeology, Washington, DC

Lulewicz, Isabelle H.

2017 Big Deer: Regional Movement of Food Across the Deep South. Paper presented at the Southeastern Archaeological Conference, Tulsa, Oklahoma.

Ritchison, Brandon R., **Isabelle H. Lulewicz**, and Victor D. Thompson

2017 Investigating the Usefulness of Marsh Periwinkle (*Littorina irrorate*) for Radiocarbon Dating. Poster presented at the Southeastern Archaeological Conference, Tulsa, Oklahoma.

Speakman Robert J., Carla S. Hadden, Matthew H. Colvin, Justin Cramb, K.C. Jones, Travis W. Jones, **Isabelle Lulewicz**, Katharine G. Napora, Katherine L. Reinberger, Brandon T. Ritchison, Alexandra R. Edwards, and Victor D. Thompson

2017 The Reality of Faculty Jobs in Archaeology. Poster presented at the Plains Anthropological Association Conference.

***Lulewicz, Isabelle H.**, Victor D. Thompson, and Thomas Pluckhahn

2017 Shell Mound Architecture and Cooperative Mass Oyster Collection on the Central Gulf Coast of Florida, USA. Paper presented in the session *Archaeological Perspectives on the Evolution of Forager Cooperation*. Society for American Archaeology, Vancouver, BC, Canada.

Lulewicz, Isabelle H., Victor D. Thompson, Justin Cramb, and Bryan Tucker

2016 Oyster Paleoecology and Native Subsistence Practices on Ossabaw Island, Georgia. Paper presented at the Southeastern Archaeological Conference, Athens, GA.

***Lulewicz, Isabelle H.**, Victor D. Thompson, and Thomas Pluckhahn

2016 From Habitat Exploitation to Monument Construction: Exploring the Nature of Shell Deposits at Crystal River and Roberts Island through Stable Isotope Geochemistry, Paper presented in the session *Terraforming and Monumentality in Hunter-Gatherer-Fisher Landscapes*, Society for American Archaeology Conference, Orlando, FL.

Lulewicz, Isabelle H., Victor D. Thompson, and Thomas Pluckhahn

2015 Exploring Oyster (*Crassostrea Virginica*) Habitat Collection via Oxygen Isotope Sclerochronology at Crystal River and Roberts Island, Florida. Paper presented at the Southeastern Archaeological Conference, Nashville, TN.

FIELD AND LAB EXPERIENCE

2019 **Laboratory Research Assistant in Island and Coastal Archaeology**, Department of Anthropology, University of Georgia.

2018 **Zooarchaeological Analyst**, Department of Anthropology, University of Georgia, Responsible for zooarchaeological analysis of existing archaeological collections.

- 2017 **Laboratory Research Assistant in Island and Coastal Archaeology**, Department of Anthropology, University of Georgia.
- 2017 **Research Assistant**, Pineland Site, Pine Island, Florida. Wet-site material excavation and management. University of Georgia and Florida Museum of Natural History.
- 2017 **Research Assistant**, Mound Key Archaeological Site, Estero Bay, Florida. Wet-site material excavation and management. University of Georgia and Florida Museum of Natural History.
- 2015-
- 2017 **Stable Isotope Technician and Research Assistant**, Laboratory for Stable Isotope Analysis, Center for Applied Isotope Studies, University of Georgia.
- 2016 **Geophysical Consultant**, Chattahoochee National Forest, United States Forest Service and the University of Georgia.
- 2015 **Curatorial Specialist**, Laboratory of Archaeology, Department of Anthropology, University of Georgia, Responsible for the rehabilitation and recuration of existing Special Collections and the curatorial maintenance of existing archaeological collections and digital databases.
- 2014 **Geophysical Consultant**, Geophysical Survey of Santa Elena Site, Paris Island, South Carolina, South Carolina Institute of Archaeology and Anthropology, University of South Carolina.
- 2013-
- 2014 **Curatorial Specialist**, Laboratory of Archaeology, Department of Anthropology, University of Georgia, Responsible for rehabilitation and curation of 3,000 radiocarbon samples for the Center for Applied Isotope Studies, University of Georgia and the curatorial maintenance of existing archaeological collections and digital databases.
- 2014 **Student**, Geology Field School, Department of Geology, University of Georgia
- 2013 **Student**, Kenan Field, Sapelo Island, Georgia, Archaeological Field School, Department of Anthropology, University of Georgia

TEACHING EXPERIENCE

- 2017 **Teaching Assistant**, University of Georgia Colonial and Native Worlds Field School, Mound Key, Fort Myers, Florida, United States, Responsible for the management and assistance in teaching 10 undergraduate students.

- 2016 **Teaching Assistant**, University of Georgia Archaeological Geophysics Field School, Santa Elena Site, Parris Island, South Carolina, United States, Responsible for the management and assistance in teaching 3 undergraduate students.
- 2016 **Teaching Assistant**, University of Georgia Colonial and Native Worlds Archaeology Field School, Santa Elena at Parris Island, South Carolina, and Ossabaw Island, Georgia, United States, Responsible for the management and assistance in teaching 13 undergraduate students.
- 2015 **Teaching Assistant**, Geology Field School, Department of Geology, University of Georgia, Responsible for management and assistance in teaching of 50 undergraduate field students during 6-week geological field course.

SKILLS/METHODOLOGICAL EXPERTISE

General Methods: zooarchaeological analyses of vertebrate and invertebrate faunal remains, collections/museum-based research; Bayesian modeling, biogeographical modelling

Archaeological Geophysics and Remote Sensing: ground-penetrating radar; magnetic gradiometry; electrical resistivity; LiDAR

Lab-Based Archaeological Geochemistry and Geology: stable oxygen isotope analyses of marine shell; mineralogical analyses (XRD, thin-section petrography); elemental analyses (XRF); soil-core description and analyses

SERVICE

- 2019 Mentor, University of Georgia Museum of Natural History Internship
- 2018 *Reviewer, Journal of Island and Coastal Archaeology
- 2018 *Reviewer, PLOS ONE
- 2018 Mentor, University of Georgia Graduate Student Mentor Program
- 2018 Panelist, Getting into Graduate School, Anthropology NSF REU
- 2017 Mentor, University of Georgia Graduate Student Mentor Program
- 2017 Panelist, Getting into Graduate School, Anthropology NSF REU
- 2017 Panelist, Graduate School, Students for Anthropological and Archaeological Studies, Department of Anthropology, University of Georgia.
- 2016 Mentor, University of Georgia Graduate Student Mentor Program

PUBLIC OUTREACH

- 2019 Graduate Student Research Exhibitor, University of Georgia Laboratory of Archaeology Open House Public Event.

- 2018 STEMZONE Volunteer, Center for Applied Isotope Studies and Laboratory of Archaeology Booth, University of Georgia.
- 2017 (Invited) Public Talk, Shell Tools of the Calusa, Florida Public Archaeology Network Event: Drafts from the Past: Archaeology is Local.
- 2016 Coauthor, *UGA Junior Archaeologist: An Explorer's Guide to Georgia's Past*. University of Georgia Junior Archaeologist Program, Center for Applied Isotope Studies Outreach.

GUEST LECTURES

- 2018 Oyster Paleoecology and Coastal Economies of the US Southeast, for Friday Archaeology Seminar, Department of Anthropology, Washington University in St. Louis
- 2018 The Calusa, Shell Tools, and Environmental Archaeology, for Introduction to Anthropology, Instructor of Record: Dr. Jacob Lulewicz.
- 2017 The Calusa and Landesque Capital, for *Hunters and Gatherers*, Instructor of Record: Dr. Bram Tucker

REFERENCES

Victor Thompson, Professor
Department of Anthropology | University of Georgia
Phone: 706 542 1480
Email: vdthom@uga.edu

Elizabeth Reitz, Professor Emerita
Department of Anthropology | University of Georgia
Phone: 706 542 1464
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Robert Speakman, Director
Center for Applied Isotope Studies | University of Georgia
Phone: 706 542 6115
Email: archsci@uga.edu