

ISABEL C. RIVERA-COLLAZO

Honorary Research Associate

Institute of Archaeology, University College London, 31-34 Gordon Square, London, WC1H 0PY | i.rivera-collazo@ucl.ac.uk

SEPTEMBER 2011

EDUCATION

Institute of Archaeology, University College London

PhD in Environmental Archaeology

2007- 2011

Thesis: "Between Land and Sea in Puerto Rico: Climates, Coastal Landscapes and Human Occupations in the Mid-Holocene Caribbean"

Institute of Archaeology, University College London

MSc in Palaeoecology of Human Societies

2006-2007

Dissertation: "Environmental changes during the Holocene in the Caribbean Region and their effects on the coastal human occupation during the early ceramic (Saladoid) period: the case of Punta Candelerero (Humacao, Puerto Rico) as seen from its geoarchaeological record"

Honours: Distinction.

Department of Maritime Civilizations, University of Haifa, Israel

Graduate Coursework, MA in Maritime Civilizations

1998-2001

Areas of Concentration: Palaeoenvironmental Reconstruction, Maritime Archaeology, Maritime History, Underwater Archaeology, Nautical Archaeology.

Department of Anthropology and Sociology, University of Puerto Rico

BA in Anthropology

1993-1998

Areas of Concentration: Caribbean Archaeology, Maritime Anthropology

Honours Thesis: Vernacular Boat Building in Puerto Rico: Towards a Maritime Anthropology through ship building analysis.

Honours: Magna Cum Laude (Distinction)

GRANTS AND AWARDS

Wenner Gren Dissertation Fieldwork Grant

2010 – 2011

National Science Foundation Graduate Research Fellowship

2006 – 2009

UCL Graduate School Research Award

2008

UCL Institute of Archaeology Fieldwork Research Award

2008

Jonathan Rowe Prize for Palaeoecology

2007

Most Recognized Professional Youth of the Year Award, Archaeology. Puerto Rican Commission of Youth

2005

Prize to the Student with Highest mark, Department of Sociology and Anthropology

1998

LABORATORY EXPERIENCE

Grain Size Analysis (Hydrometer)

Loss on Ignition (Carbonates and Organics)

pH determination

Alkali Digestion

Magnetic Susceptibility

Phosphate determination

Microartifact Analysis

Soil Micromorphology Analysis

Palaeoenvironmental assessment of archaeomalacological assemblages

TEACHING EXPERIENCE

Institute of Archaeology, University College London

Teaching Assistant – "Geoarchaeology II: Methods and Theory"

2011

Course Coordinator: Prof. Arlene Rosen. Provided samples for analysis, and taught laboratory techniques, and supervised students.

Teaching Assistant – "The Archaeology and Anthropology of Climate Change"

2011

Course Coordinator: Prof. Arlene Rosen

Guest Lecturer – "Biodiversity in the Past"

2010

Course: "Cultural Environments". Course Coordinator: Prof. Arlene Rosen

Guest Lecturer – "Biodiversity in the Past"

2010

Sample lecture for Bio-Diversity in Urban Spaces. Organised by UCL Institute of Archaeology, UCL Biological Sciences and UCL Museums and Collections

Teaching Assistant – "Research and Presentation Skills in Archaeology"

2010, 2008

Course Coordinator: Dr. Joe Flatman (2010), Dr. Andrew Bevan (2008)

Guest Lecturer – “Mid-Holocene hunter-gatherers in the Caribbean”	2010
Course: Archaeology of the Caribbean. Course Coordinator: Dr. Jose Oliver	
Teaching Assistant – “Introduction to Archaeological Field Methods and Techniques” The Experimental Archaeology Course”	2009
Course Coordinator: Dr. Bill Sillar	
Guest Lecturer – “Human Adaptations, Behavioural Ecology and Optimal Foraging Theory”	2009
Course: “Cultural Environments” Course Coordinator: Prof. Arlene Rosen.	
School of Archaeology and Ancient History, University of Leicester	
Guest lecturer – “Climate Change, Biodiversity and Human Ecodynamics: Islands and Tropical Forests”	2011
Course: “The Archaeology of Climate Change”. Course Coordinator: Dr. Jago Cooper	
Birkbeck College, University of London	
Guest Lecturer – “Archaeomalacology”	2009
Course: “Geoarchaeology: Theory and Practice”. Course Coordinator: Ms Anke Marsh	
Guest Lecturer – “Island Archaeology”	2007, 2009
Course: “Geoarchaeology: Theory and Practice”. Course Coordinator: Ms Anke Marsh	
University of Puerto Rico, Rio Piedras Campus	
Advisor of Undergraduate Research Project	2005
Galleons in Graffiti: the Historic Significance of seven galleons drawn in Tunnel IA, San Cristóbal Fort. Department of Sociology and Anthropology	
Teaching Assistant – “Introduction to Demography”	1998
Course: “Geoarchaeology: Theory and Practice”. Course Coordinator: Ms Anke Marsh	
Teaching Assistant – “Introduction to Anthropology”	1998
Course Coordinator: Dr. John Stinson	

RESEARCH EXPERIENCE

Institute of Archaeology, University College London	
Honorary Research Associate	2011 – 2013
Preparation of book <i>The Archaeology of Climate Change</i> in co-authorship with Prof Arlene Rosen.	
Director, Angostura Archaeological Project	2008 – 2010
Fieldwork design (archaeological excavation and sediment core collection), analysis and coordination of specialist analyses. Funding: Wenner Gren Dissertation Fieldwork Grant, National Science Foundation Graduate Research Fellowship, UCL Graduate School Grant and UCL Institute of Archaeology Fieldwork Grant.	
Geoarchaeologist	2007
Punta Candeleró Project, Humacao, Puerto Rico. MSc degree project	
National Park Service, San Juan, Puerto Rico	
Project Director	2004 – 2006
Documentation of Historical Ship Graffiti on San Juan’s Spanish Defense System	
Institute of Puerto Rican Culture, San Juan, Puerto Rico	
PROGRAM DIRECTOR, Program of Archaeology and Ethnohistory	2005 - 2006
Trusted Position of the Executive Director of the Institute of Puerto Rican Culture. In charge of directing the evaluation of cultural resource management reports for the authorization of construction projects island-wide; overseeing and coordinating education and research projects run by the Program employees; coordinating with central government the implementation of Puerto Rico’s archaeology laws as mandated by the Council for the Protection of Puerto Rico’s Terrestrial Heritage. Advisor to the Director of the Institute of Puerto Rican Culture in matters concerning Puerto Rico’s government policy towards archaeology. Eight employees under my direct supervision: three archaeologists, two archaeology technicians, one administrative assistant, one data entry operator and one secretary.	
Archaeologist, Council for Protection of Puerto Rican Archaeological Heritage	2003 - 2005
Actualization and Digitalization of the National Inventory of Archaeological Sites	
Centre for Maritime Studies, University of Haifa, Israel	
Laboratory Assistant	2000
Tel Nami and Tel Akko Archaeological Excavations, Israel. Project Director: Prof. Dr. Michal Artzi	
Research Assistant	1999
Hecht Museum, University of Haifa, Israel. Reconstruction of the Ma’agan Michael Shipwreck Project Director: Dr. Ya’akov Kahanov	
Research Assistant	1998, 1999

Tantura Lagoon Excavation, Nachsholim, Israel. Project Director: Dr. Ya'akov Kahanov

Institute of Nautical Archaeology, Texas A&M University

Research Assistant 1999

Deep Water Archaeological Survey, Sharon Coast, Israel. Project Director: Dr. Shelley Wachsmann

Archaeologist 1999

Tangier Bay Underwater Archaeological Survey, Tangier, Morocco. Project Director: Mr. Brett Phaneuf

Research Assistant 1998

Measurement of the Kinneret Boat. Yigal Alon Museum, Kibbutz Ginnsar, Israel.

Project Director: Dr. Jerome Lynn Hall

Field Technician 1997

Montecristi Shipwreck Excavation. Montecristi, Dominican Republic. Project Director: Dr. Jerome Lynn Hall

Field Technician 1996

Tantura Lagoon Excavation Project, Nachsholim, Israel. Project Director: Dr. Shelley Wachsmann

University of Puerto Rico, Rio Piedras Campus

Director, Undergraduate Research Project, Ethnography 1998

Vernacular Boat Building in Puerto Rican Coasts

Ethnographical Project designed and Developed by Isabel C. Rivera-Collazo and Elena Serrano-Matos.

Project supervisor: Prof. Diana López Sotomayor

Research Assistant 1997

Anthropology, Culture and Transit Patterns: Toward an Urban Ethnography of the Car Inspired

Culture in San Juan's Metro Area (Institutional Research Fund) Project Director: Dr. John Stinson-Fernández.

Undergraduate Research Project 1997

Small-Scale Fishery and Native Boating Construction in Culebra, Puerto Rico. Ethnographic research

project designed and developed by Isabel C. Rivera-Collazo. Project Supervisor: Dr. John Stinson-Fernández

PUBLICATIONS AND PAPERS

Rivera-Collazo, Isabel

SUBMITTED Operationalizing Multiscalar Socio-Environmental Analyses in Archaeology: a Case Study from the Caribbean. *American Anthropologist*.

2011a. The Ghost of Caliban: Island Archaeology, Insular Archaeologists and the Caribbean. In: Antonio L. Curet, ed. *Islands in the Stream: Interisland and Continental Interaction in the Caribbean*. Alabama: University of Alabama Press. IN PRESS.

2011b. Palaeoecology and human occupation during the Mid-Holocene in Puerto Rico: the case of Angostura. In Corinne Hoffman and Anne van Duijvenbode, eds. *Communities in Contact, Essays in archaeology, ethnohistory & ethnography of the Amerindian circum-Caribbean*.

2010. Of Shell and Sand: Coastal Habitat Availability and Human Foraging Strategies at Punta Candelero, Humacao, Puerto Rico. *Munibe* 31: 272 - 284.

2007. Graffiti as a resource for historical and archaeological research: the figurative graffiti on the walls of San Juan's Spanish Defense System, Puerto Rico. In: Basil Reid, Roger Petitjean Roget and Antonio Curet, eds. *Proceedings of the Twenty-First congress of the International Association for Caribbean Archaeology*. Volume 1, page 1 - 8. St Augustine: University of the West Indies, School of Continuing Studies.

2006. Historical Ship Graffiti on the Walls of San Juan's Spanish Defence System: an Interim Report. *The International Journal of Nautical Archaeology*, 35(1): 41-52.

1998. Embarcaciones Vernáculas de Puerto Rico, Hacia una Antropología Marítima a través del estudio de barcos. Río Piedras: University of Puerto Rico

Arlene Rosen and **Isabel C. Rivera-Collazo**

IN PROGRESS. *Archaeology of Climate Change*. Left Coast Press.

SUBMITTED Climate Change, Adaptive Cycles, and the Persistence of Foraging Economies during the Late Pleistocene/Holocene Transition in the Levant. *Proceedings of the National Academy of Sciences (PNAS)*. Special Volume on Social-Ecological Approaches to Historical Collapse, edited by Karl Butzer and Georgina Endfield.

Cochrane, Ethan; **Isabel C. Rivera-Collazo** and Elizabeth Walsh.

2011. New Evidence for Variation in Colonization, Cultural Transmission, and Subsistence from Lapita (2900 BP) to the Historic Period in Southwestern Fiji. *Journal of Pacific Archaeology* 2(1): 40 – 55.

Rivera-Collazo, Isabel and Marsh-Cross, Anke

2007. Micromorphological analysis of the floor feature, units YA-YB. Punta Candelero, Puerto Rico. Preliminary Results. Report presented to the project director for Punta Candelero Project and included in the final report presented to the Council of Terrestrial Archaeology of Puerto Rico.

Meléndez Marisol and **Isabel C. Rivera-Collazo**.

2002. Actualization and Verification of the Archaeological Sites Excavated by Irving Rouse, 1936-38). San Juan: State Historical Preservation Office, San Juan.

CONGRESS AND WORKSHOP PRESENTATIONS

- The Hunter and The Sea: environmental archaeology as a tool to understand landscape, environment and social change*
Guest Lecturer. Department of Anthropology, University of California, Berkeley. 2011
- People and the Sea: landscape change, human adaptation and the meaning of maritime culture*
Guest Lecturer. Department of Anthropology, University of Connecticut 2011
- Of invisible influences and endless rockings: the role of underwater archaeology in the research of maritime culture*
Program of Maritime Studies, University of Connecticut, Avery Point Campus 2011
- In Response to Change: Climates, Coastal Landscapes and Human Occupations in the Mid-Holocene Caribbean*
3ras Jornadas Doctorales Europeas en París. Université de Nanterre, Paris. 2010
- Between Land and Sea in Puerto Rico: Coastal human habitation and Mid-Holocene landscape change*
South American Archaeology Seminar. Institute of Archaeology, University College London. 2010
- Palaeoecology and Human Occupation during the Mid-Holocene in the Caribbean: the case of Angostura*
Leiden in the Caribbean IV: From Prehistory to Ethnography in the Circum-Caribbean. Leiden University 2010
- Of Mollusc and Men: Studying change and adaptation through time in the Caribbean*
In session: A Weather Eye in the Past: Weather, Climate and Landscape Archaeology, organised by Bob Johnston, Toby Pillatt and Simon Jusseret. Discussant: Julian Thomas. The Thirty First Annual Conference of the Theoretical Archaeology Group (TAG 2009). Durham, UK 2009
- Interconnected: Studying adaptation, change and sustainability*
Workshop: Managing Resources and Landscapes for Sustainability in Prehistory. Sponsored by UCL Institute of Archaeology Environment and Culture Research Group 2009
- Between Land and Sea: Mid-Holocene aquatic hunter-gatherers in the Caribbean. A geoarchaeological and palaeoecological study*
Graduate Research Congress, UCL Institute of Archaeology 2009
- Entre mar y tierra: cambio climático y de paisaje costero en el Caribe insular y la habitación humana durante el Holoceno Medio*
II Jornadas de Americanistas Europeos. Universidad de Valencia 2009
- The shells of Punta Candelero: palaeoenvironmental evaluation of anthropogenic shell deposits in a Saladoid coastal site in Puerto Rico, and its implications for coastal habitat availability*
ICAZ 2008, 2nd Meeting, Archaeomalacology Working Group, Santander 2008
- Shells and Sand: geoarchaeological and archaeomalacological analyses at an Early Ceramic coastal site in Puerto Rico and their palaeoecological interpretation*
Graduate Research Congress, UCL Institute of Archaeology. 2008
- Current Topics in Puerto Rican Archaeology: Prehistory, History and Future of Puerto Rico's Past*
Session organizer and moderator. 71st Congress of the Society of American Archaeology. 2006
- The ships of El Morro: stylistic analysis of nautical representations among historical graffiti*
71st Congress of the Society of American Archaeology 2006
- Ship Graffiti of San Juan's Spanish Fortification System*
Guest Lecturer at the Museum of the American Indian, Smithsonian Institute, New York 2005
- Historical Ship Graffiti on the walls of the Spanish Fortification System.*
21st Congress of the International Association of Caribbean Archaeology. 2005
- Ship Graffiti on the walls of the Spanish Fortification System*
Biennial Researchers Meeting, Program of Archaeology and Ethnohistory, Institute of Puerto Rican Culture 2005
- Innovations in the Archaeology of Shipwrecks*
Congress Coordinator Assistant, University of Haifa, Israel. 1999

<i>Training Students in Applied Anthropology: Training Students in Archaeology</i> Annual Conference of the Society for Applied Anthropology. San Juan, Puerto Rico	1998
<i>Poster Session: Vernacular Boat Building in Puerto Rico</i> Annual Conference of the Society for Applied Anthropology. San Juan, Puerto Rico	1998
<i>Construcción de Embarcaciones Vernáculas en Puerto Rico, hacia una Antropología Marítima a través del estudio de botes</i> Conference of the Society of Sociology and Anthropology. Mayagüez, Puerto Rico	1998
<i>Tren Urbano y sus consecuencias para la Arqueología e Historiografía de Río Piedras</i> Forum Coordinator, University of Puerto Rico, Río Piedras	1997

LANGUAGES

Spanish – native language
 English – Fluent
 Hebrew – Speak fluently, read and write with basic competence
 French – read fluently, speak and write with basic competence

MEMBERSHIPS

Society of American Archaeology
 International Association of Caribbean Archaeology
 Puerto Rican Coalition of Archaeology

INTERESTS

Landscape evolution, coastal change, late Pleistocene and Holocene climate, human-environment interaction, coastal and maritime ecology, sea level change, drowned and coastal palaeoenvironmental reconstruction, microscopic effects of human habitation, multiscale social processes, landscape domestication, coastal hunter-gatherer settlement patterns and resource procurement, archaeology method and theory, maritime culture, trade and exchange, navigation and island migration

Geoarchaeology, soil micromorphology, archaeomalacology, ichthyoarchaeology, island archaeology, archaeology and identity, postcolonialism, maritime culture, maritime anthropology

Geographical areas of interest: Caribbean Sea: Caribbean Neotropics, Puerto Rico. Mediterranean Sea: Spain, Israel, North Africa