

Isabel C. Rivera-Collazo**Curriculum Vitæ**

Institute of Archaeology
 University College London
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January 2011

EDUCATION

PhD Research Degree <i>Institute of Archaeology, University College London, UK</i>	2007 – ongoing
<ul style="list-style-type: none"> <u>Proposed Thesis:</u> “Between Land and Sea in Puerto Rico: Climates, Coastal Landscapes and Human Occupations in the Mid-Holocene Caribbean” Expected completion date: April, 2011. 	
MSc Palaeoecology of Human Societies <i>Institute of Archaeology, University College London, UK</i>	2006 – 2007
<ul style="list-style-type: none"> <u>Dissertation Title:</u> “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 Candelerio (Humacao, Puerto Rico) as seen from its geoarchaeological record” Honours: <i>Distinction</i> 	
Graduate Coursework, MA Maritime Civilizations <i>University of Haifa, Haifa, Israel</i>	1998-2001
<ul style="list-style-type: none"> Areas of Concentration: Palaeoenvironmental Reconstruction, Maritime Archaeology, Maritime History, Underwater Archaeology, Nautical Archaeology. 	
B.A. in Anthropology <i>University of Puerto Rico, Río Piedras, Puerto Rico</i>	1993-1998
<ul style="list-style-type: none"> Honours: <i>Magna Cum Laude</i> (3.92GPA) 	
<i>Miguel Meléndez Muñoz High School, Cayey, Puerto Rico</i>	1992-1993
<i>Home Schooling</i>	1989-1992

GRANTS AND AWARDS

• <u>Wenner Gren Dissertation Fieldwork Grant</u>	2010
• <u>National Science Foundation Graduate Research Fellowship</u>	2006-2009
• UCL Graduate School Research Award	2008
• Institute of Archaeology, UCL, Fieldwork Research Award	2008
• Jonathan Rowe Prize for Palaeoecology	2007
• Most Recognized Professional Youth of the Year Award: Archaeology Award presented by the Puerto Rican Commission of Youth, in alliance with the UNESCO Society of Puerto Rico.	2005
• Prize to the Student with the Highest Mark, Department of Sociology and Anthropology, University of Puerto Rico, Río Piedras	1998
• Honour Roll, University of Puerto Rico	1994-1998
• Dean's List: United States list of the nation's most outstanding students.	1994-1998
• Commonwealth of Puerto Rico Governor's Award	1995

GEOARCHAEOLOGICAL AND PALAEOECOLOGICAL LABORATORY EXPERIENCE

- Grain Size Analysis (Hydrometer, Dry Sieving)
- Loss on Ignition (Carbonates and organics)
- pH determination
- Alkali Digestion
- Magnetic Susceptibility
- Phosphate determination
- Microartifact Analysis
- Soil Micromorphology Analysis
- Palaeoenvironmental assessment of archaeomalacological assemblages

LECTURING EXPERIENCE

Institute of Archaeology, University College London

Teaching Assistant – “The Archaeology and Anthropology of Climate Change” (ARCL3087) Course Coordinator: Prof. Arlene Rosen **2011**

Teaching Assistant – “Geoarchaeology II: Methods and Concepts” (ARCLG105). Course Coordinator: Prof. Arlene Rosen **2011**

Guest Lecturer – “Cultural Environments” (ARCLG180). Lecturer for Biodiversity in the Past. Course Coordinator: Prof. Arlene Rosen **2010**

Guest Lecturer – “Biodiversity in the Past”. Sample lecture for Biodiversity in Urban Spaces. Organised by UCL Institute of Archaeology, UCL Biological Sciences and UCL Museums and Collections. **2010**

Teaching Assistant – “Research and Presentation Skills in Archaeology” (ARCL2038). Course Coordinator: Dr. Joe Flatman (2010), Dr. Andrew Bevan (2008) **2008, 2010**

Guest Lecturer – “Archaeology of the Caribbean” (ARCL3049). Lecturer for Pre-Arawak: Mid-Holocene hunter-gatherers in the Caribbean. Course Coordinator: Dr. Jose Oliver **2010**

Teaching Assistant – “Introduction to Archaeological Field Methods and Techniques” The Experimental Archaeology Course (ARCL1006) Course Coordinator: Dr. Bill Sillar **2009**

Guest Lecturer – “Cultural Environments” (ARCLG180). Lecturer for Human Adaptations, Behavioural Ecology and Optimal Foraging Theory. Course Coordinator: Prof. Arlene Rosen **2009**

School of Archaeology and Ancient History, University of Leicester

Teaching Assistant – “The Archaeology of Climate Change” (AR3066) Course Coordinator Dr. Jago Cooper **2011**

Birkbeck College, University of London

Guest Lecturer – “Geoarchaeology: Theory and Practice”. Lecturer for Island Archaeology and Archaeomalacology subjects. Course Coordinator Ms Anke Marsh. **2009**

Guest Lecturer – “Geoarchaeology: Theory and Practice” Lecturer for Island Archaeology subject. **2007**

University of Puerto Rico, Río Piedras Campus

Advisor of Undergraduate Research Project – Galleons in Graffiti: the Historic Significance of seven galleons drawn in Tunnel IA, San Cristóbal Fort. Department of Sociology and Anthropology, University of Puerto Rico, Río Piedras Campus. **2005**

Teaching Assistant – “Introduction to Demography” (ANTH4001) **1998**

Teaching Assistant – “Introduction to Anthropology” (ANTH3001) **1998**

RESEARCH EXPERIENCE

INSTITUTE OF ARCHAEOLOGY, UNIVERSITY COLLEGE LONDON

Director, Angostura Archaeological Project, Season 2 **2010**

- Four weeks fieldwork season to collect sediment cores on the landscape around the site of Angostura and the coastal plain to the north in order to study Mid-Holocene landscape change. (July – August 2010)
- Funded by: Wenner Gren Dissertation Fieldwork Grant.

Director, Angostura Archaeological Project, Season 1 **2008**

- Six week fieldwork season of excavation and laboratory work at the archaeological site of Angostura, Barceloneta, Puerto Rico. (November 2008 – January 2009)
- Funded by: National Science Foundation Graduate Research Fellowship, UCL Graduate School Grant and UCL Institute of Archaeology Fieldwork Grant.

Geoarchaeologist **2007**

- Four weeks fieldwork season as specialist in Punta Candelero Project, Humacao, Puerto Rico. MSc degree project.
- Participation funded by: National Science Foundation Graduate Research Fellowship.

NATIONAL PARK SERVICE, SAN JUAN, PUERTO RICO

Project Director, Principal Researcher **2004-2006**

Project: Documentation of Historical Ship Graffiti on San Juan's Spanish Defense System.

INSTITUTE OF PUERTO RICAN CULTURE, SAN JUAN, PUERTO RICO
Archaeologist, Council for the Protection of Puerto Rico's
Terrestrial Archaeological Patrimony

2003-2005

Project: Actualization and Digitalization of the National Inventory of Archaeological Sites

CENTRE FOR MARITIME STUDIES, UNIVERSITY OF HAIFA, ISRAEL

Laboratory Assistant

Tel Nami and Tel Akko Archaeological Excavations, Israel

2000

Project Director: Prof. Dr. Michal Artzi

Research Assistant

Hecht Museum, University of Haifa, Israel

1999

Reconstruction of the Ma'agan Michael Shipwreck

Project Director: Dr. Ya'akov Kahanov

Research Assistant

Tantura Lagoon Excavation, Nachsholim, Israel.

1999, 1998

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

Ginnosar, Israel. Project Director: Dr. Jerome Lynn Hall

Field Technician

1997

Montecristi Shipwreck Excavation. Montecristi, Dominican Republic

Project Director: Dr. Jerome Lynn Hall

Field Technician

Tantura Lagoon Excavation Project, Nachsholim, Israel.

1996

Project Director: Dr. Shelley Wachsmann

UNIVERSITY OF PUERTO RICO, RÍO PIEDRAS CAMPUS

Director of 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

ADMINISTRATIVE EXPERIENCE

INSTITUTE OF ARCHAEOLOGY, UNIVERSITY COLLEGE LONDON

Graduate Research Student Representative

2008-2009

Committee membership:

- Facilities Committee; Library Committee; Staff/Student Consultative Committee; Research Committee

INSTITUTE OF PUERTO RICAN CULTURE, SAN JUAN, PUERTO RICO

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.

CULTURAL RESOURCE MANAGEMENT CONSULTANT

Project Director, Archaeological Evaluation Stage IA, Puerto Catalina Yacht Club, Puerto Real, Cabo Rojo, Puerto Rico

2003

CULTURAL RESOURCE MANAGEMENT EXPERIENCE

CULTURAL RESOURCE MANAGEMENT CONSULTANT

Archaeologist, Marlene Ramos and Associates

2003, 2006

Archaeologist, Marisol Meléndez and Associates

2002-2003

Assistant Archaeologist, Marisol Meléndez and Associates

2001

Field and Laboratory Technician, Marisol Meléndez and Associates

1998, 2000-2001

ADDITIONAL PROFESSIONAL TRAINING

- *Emergency First Aid at Work and on the Field* **May 2010**
- *Supporting Teaching and Learning Archaeology and Classics: Graduate Teaching Assistants, Part Time Teachers and New Lecturers*. The Higher Education Academy, Subject Centre for History, Classics and Archaeology. Birkbeck College, University of London. **Feb 2008**
- *Statistics for Researchers: Scientific Method and Statistics*. Graduate School, University College London **Oct 2007**
- *Archaeological Soil Micromorphology Training Week*, Institute of Archaeology, University College London **Nov 2007**
- *ArcGIS 8.x*, University of Puerto Rico, Río Piedras Campus, **2005**
- *Introduction to ArcPad Users*, ESRI Training Centre, Puerto Rico **2004**
- *Advanced Open Water Diver*, Two Stars, Israeli Diving Federation, CMAS (World Underwater Federation), Israel **1999**
- *Open Water Diver*, PDIC International, Puerto Rico **1996**

OTHER ACADEMIC ACTIVITIES

- **Peer Reviewer**. Revista Cuba Arqueológica **2010**
- **Directive Committee**: Member of a selected team of Puerto Rican archaeologists for the design and structuring of a professional association of archaeology in Puerto Rico. **2005-2006**
- **Resource for History and Archaeology education**. *San Juan: el desarrollo de la Isleta*. Estancia Montessori Junior-High School **2002 - 2004**
- **MA Dissertation Research**: *Relationship between Islamic and Christian maritime traditions in Medieval Spain*. **1999 – 2001**
- **President**: *Society of Anthropology Students*, University of Puerto Rico, Río Piedras **1996 – 1997**

PUBLICATIONS

Rivera-Collazo, Isabel

2010a. Palaeoecology and human occupation during the Mid-Holocene in Puerto Rico: the case of Angostura. In Corinne Hoffman, ed. *Leiden in the Caribbean IV*. IN PRESS.

2010b. 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.

2010c. Of Shell and Sand: Coastal Habitat Availability and Human Foraging Strategies at Punta Candeleró, 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
- 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): XX – XX.
- 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

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|---|------------------|
| • <i>In Response to Change: Climates, Coastal Landscapes and Human Occupations in the Mid-Holocene Caribbean</i> . 3ras Jornadas Doctorales Europeas en París. Université de Nanterre, Paris. | Dec 2010 |
| • <i>Between Land and Sea in Puerto Rico: Coastal human habitation and Mid-Holocene landscape change</i> . South American Archaeology Seminar. Institute of Archaeology, University College London. | Nov 2010 |
| • <i>Palaeoecology and Human Occupation during the Mid-Holocene in the Caribbean: the case of Angostura</i> . Leiden in the Caribbean IV: From Prehistory to Ethnography in the Circum-Caribbean. Leiden University. | Mar 2010 |
| • <i>Of Mollusc and Men: Studying change and adaptation through time in the Caribbean</i> . 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. | Dec 2009 |
| • <i>Interconnected: Studying adaptation, change and sustainability</i> . Workshop: Managing Resources and Landscapes for Sustainability in Prehistory. Sponsored by UCL Institute of Archaeology Environment and Culture Research Group. | Nov 2009 |
| • <i>Between Land and Sea: Mid-Holocene aquatic hunter-gatherers in the Caribbean. A geoarchaeological and palaeoecological study</i> . Graduate Research Congress, UCL Institute of Archaeology | Nov 2009 |
| • <i>Entre mar y tierra: cambio climático y de paisaje costero en el Caribe insular y la habitación humana durante el Holoceno Medio</i> . II Jornadas de Americanistas Europeos. Universidad de Valencia. | Sept 2009 |
| • <i>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</i> . ICAZ 2008, 2nd Meeting, Archaeomalacology Working Group, Santander. | Feb 2008 |
| • <i>Shells and Sand: geoarchaeological and archaeomalacological analyses at an Early Ceramic coastal site in Puerto Rico and their palaeoecological interpretation</i> . Graduate Research Congress, UCL Institute of Archaeology. | May 2008 |
| • Session organizer and moderator: Current Topics in Puerto Rican Archaeology: Prehistory, History and Future of Puerto Rico's Past . 71 st Congress of the Society of American Archaeology. | Apr 2006 |
| • <i>The ships of El Morro: stylistic analysis of nautical representations among historical graffiti</i> . 71 st Congress of the Society of American Archaeology | Apr 2006 |
| • <i>Ship Graffiti of San Juan's Spanish Fortification System</i> . Special presentation to the Museum of the American Indian, Smithsonian Institute, New York. | Sep 2005 |
| • <i>Historical Ship Graffiti on the walls of the Spanish Fortification</i> | Jul 2005 |

System. 21st Congress of the International Association of Caribbean Archaeology.

- *Ship Graffiti on the walls of the Spanish Fortification System*. Biennial Researchers Meeting, Program of Archaeology and Ethnohistory, Institute of Puerto Rican Culture. **Mar 2005**
- **Congress Coordinator Assistant**: *Innovations in the Archaeology of Shipwrecks*. University of Haifa, Israel **Mar 1999**
- *Training Students in Applied Anthropology: Training Students in Archaeology*. Annual Conference of the Society for Applied Anthropology. San Juan, Puerto Rico **Apr 1998**
- *Poster Session: Vernacular Boat Building in Puerto Rico*. University of Puerto Rico – Río Piedras. Annual Conference of the Society for Applied Anthropology. San Juan, Puerto Rico **Apr 1998**
- *Construcción de Embarcaciones Vernáculas en Puerto Rico, hacia una Antropología Marítima a través del estudio de botes*. Isabel C. Rivera-Collazo and Elena Serrano-Matos. Conference of the Society of Sociology and Anthropology. Mayagüez, Puerto Rico **Mar 1998**
- **Forum Coordinator**: *Tren Urbano y sus Consecuencias para la Arqueología e Historiografía de Río Piedras*. University of Puerto Rico, Río Piedras **Nov 1997**

MEMBERSHIP OF PROFESSIONAL ORGANIZATIONS

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

LANGUAGES

- Spanish – Native language
- English – Fluent
- Hebrew – Fluent spoken. Basic dexterity in written language.
- French – Basic knowledge of spoken and written language. Fluent reading.

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, multiscalar 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.

REFERENCES

Prof. Arlene Miller Rosen
Professor of Environmental Archaeology
Institute of Archaeology
University College London
31-34 Gordon Square
London, WC1H 0PY, United Kingdom
Telephone: +44 (0)20 7679 7484
e-mail: a.rosen@ucl.ac.uk

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Lecturer in Latin American Archaeology
Institute of Archaeology
University College London
31-34 Gordon Square
London, WC1H 0PY, United Kingdom
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Prof. Kenneth Thomas
Emeritus Professor of Human Palaeoecology
Institute of Archaeology
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