

DESLEY GARDNER

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Career Objective

My personal aim is to use all my knowledge, competencies, and skills to protect, manage and preserve the cultural and historical spaces, sites and areas that contribute to the education for the growth and development of Antigua and Barbuda.

Education

University of Birmingham (2017-2018) – Masters of the Arts in World Heritage Studies (Merit)

University of the West Indies, Mona (2013-2016) – Bachelors of Arts in History and Archaeology (Second Class Honours)

Antigua State College (2011-2013) – Associate of Arts, Humanities with High Honours

- CXC Caribbean Advanced Proficiency Diploma- 8 units passed
- Cambridge Visual Arts

Antigua Girls' High School (2006-2011) – Certificate of Attainment

- CXC Secondary Education Certificate – 9 subjects passed

Work Experience

National Parks Authority (Antigua & Barbuda) - Heritage Department and Archaeology

Heritage Resources Officer/ Archaeologist (June 2016- Present)

The overall aim and objective of this position is to effectively contribute the development of the Heritage Department within the National Parks Authority of Antigua and Barbuda, in the capacity of Heritage Resource Officer. Intently assisting in the preservation, protection and management of the historical and cultural heritage within the UNESCO World Heritage Site, the Antigua Naval Dockyard and Related Archaeological Sites, specifically aimed at maintaining the Outstanding Universal Value of the site.

Responsibilities:

- ◆ Conduct archaeological or archival research and assessments that contribute to understanding the cultural landscape of the National Park and UNESCO World Heritage Site.
- ◆ Develop innovative interpretation for the Nelson's Dockyard National Park and the Nelson's Dockyard Museum which highlights the UNESCO World Heritage status and engages visitors.
- ◆ Investigate the current state of the site's traffic flow and visitor impacts, in aid of developing a Carry Capacity Management Plan for the Antigua Naval Dockyard and Related Archaeological Sites.
- ◆ Carry out Heritage Impact Assessments for prospective projects and development with the World Heritage Site and its buffer zone.
- ◆ Develop and review Periodic Reports on maintenance on the World Heritage site to be submitted to UNESCO World Heritage Committee every 5 years.
- ◆ Develop/extend scripts and provide special training and additional information for tour guides at the Dockyard, Dow's Hill and Clarence House.
- ◆ Monitor social media platforms used to share information on artefacts, historical sites and archaeological research.
- ◆ Expand educational outreach programmes within the local schools and institutions providing lectures, guided tours and creating teaching collections. These programmes are also geared towards the local community, creating allies in the protection of the National Park.

Island Academy International

Social and Cultural Anthropology Teacher for Grade 13 (September 2016-April 2017)

I successfully managed a class of six pupils who all passed their IB exam with five 6s and one 5. It was ensured that the requirements of the International Baccalaureate programme were fulfilled as students were prepared to:

- ◆ Understand and demonstrate knowledge of anthropological theories, ideas and issues.
- ◆ Apply the learned anthropological skills to understand and interpret different ideologies, cultures, and societies.
- ◆ Complete assigned research for the mandatory Internal Assessment.
- ◆ Prepare for external exams where application of theories, ideas and issues were examined through essay format, with reference to assigned cultural groups, societies and studies.

Professional Development

- ◆ SOCIO-ECONOMIC MONITORING FOR COASTAL MANAGEMENT (SOCMON)
Capacity Building Workshop for Nelson's Dockyard National Park (13th -17th May 2019)
- ◆ MONITORING AND ASSESSMENT OF MEA IMPLEMENTATION AND ENVIRONMENT TRENDS IN ANTIGUA AND BARBUDA CROSS-CUTTING CAPACITY DEVELOPMENT (CCCD) PROJECT
Introductory Workshop on Geographical Information Systems in Antigua and Barbuda's Public Sector (12th -13th August 2020)
- ◆ 8TH OF MARCH PROJECT (LAUNCHED IN MARCH 2020)
An archival based genealogical project aimed at connecting the descendants of African labourers of the Antigua Naval Dockyard to the existing St Paul's community. The project consists of research, education outreach and interpretation components.
- ◆ THE CULTURAL DEVELOPMENT DIVISION IN THE MINISTRY OF SPORTS, CULTURE
National Festivals and the Arts Mapping and Institutional Implementation Policy Workshop (3rd -5th February 2020)
Cultural and Creative Industries Mapping Survey Administrator (August to October 2021)

Extra-Curricular Activities and Accomplishments

- Member of the Antigua and Barbuda Historical and Archaeological Society/ Antigua and Barbuda Museum Board (2018-Present)
- University of the West Indies
- ◆ Deputy Cluster Representative of the Jimmy Cliff Warriors-Cluster Five of the Rex Nettleford Hall (August 2015- June 2016)
- ◆ Rex Nettleford Hall Award for Stewardship (2016)
- ◆ Member of the University Players Dramatic Society (2015- 2016)
- ◆ Department of History and Archaeology Annual Field School- Mandeville, Jamaica (June 2015)
- ◆ President of the University of the West Indies History and Archaeological Society (September 2014-June 2015)
- ◆ Member of the Rex Nettleford Hall Choir (2013-2015)

References

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| ◆ Dr Reginald Murphy
<i>Secretary General</i>
Antigua & Barbuda National
Commission for UNESCO
1 268 764 8886
regmurphyantigua@gmail.com | ◆ Mrs Ruleta Camacho-Thomas
<i>Parks Commissioner (Ag.)</i>
National Parks Authority
1 268 720 5510
ruleta.camacho-
thomas@nationalparksauthority.com | ◆ Dr Hazra Medica
<i>Cultural Advisor & Executive
Secretary</i>
Ministry of Sports, Culture,
National Festivals & the Arts
1 268 464 5437
hazra.medica@ab.gov.ag |
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MS. RULETA CAMACHO THOMAS

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CURRICULUM VITAE

PROFESSIONAL INTERESTS:

Natural Resource and Environmental Management
Sustainable Coastal Zone Development

Integrated Planning and Management
Implementation, Facilitation and Coordination

COMPETENCIES:

- Project development and implementation
- Policy development and legislative review
- Strategic environmental services and advice
- Participatory natural resource management
- Ecosystem inventory and assessment
- Land use management
- Protected area planning
- Environmental planning and impact assessment
- Sustainable tourism policy and planning
- Vulnerability and adaptation assessment and planning
- Environmental communication and public awareness
- MEA negotiations
- Development of logical and results frameworks
- Contract negotiation
- Project Coordination and Management
- Review of BUR's
- Socioeconomic Monitoring

PROFILE:

- Preparation and review of EIA's, site assessment and review of development applications
- Co-Lead for review and preparation of summary report for Developing Country BUR's
- Development and implementation of public awareness and communication strategies and plans.
- Biological data collection, analysis and reporting.
- Project development, planning, implementation and execution
- Negotiation and implementation of Multilateral Environmental Agreements and international negotiation of sustainable development issues.
- Organisation, facilitation and implementation of programs project and activities
- Identifying vulnerabilities and risks in social and environmental systems, design and development of projects to address these issues

EDUCATION

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| 2019 | Emotional Intelligence Training, Dr. Marcus Mottley |
| 2019 | Environmental Impact Assessment Review, IADB Certificate Course |
| 2019 | Meaningful Stakeholder Engagement, IADB Certificate Course |
| 2008 | MSc. Natural Resource and Environmental Management
<i>Specialization: Coastal Zone Management</i>
<i>University of the West Indies, Cave Hill Campus, Barbados (awarded Board of Education Scholarship (2006-2007))</i> |
| 2004 | Certificate in Protected Areas Planning and Management
<i>Caribbean Conservation Association</i> |

2003 BSc. Environmental Biology
*University of the West Indies, Mona Campus (awarded Board of Education
Scholarship (2000-2003))*

EXPERIENCE:

2017-Current	Lead Reviewer for UNFCCC Biennial Update Reports from Non-Annex1 Parties.
2019-Current	Member, Complaints Tribunal, Development Control Authority
2018-Current	Coordinator, Environmental Unit, National Parks Authority, Antigua and Barbuda
2018-2021	Technical Advisor to the Department of Environment, PLH Development Project, Barbuda.
2018-On-going	Providing strategic advice and guidance to large scale private development projects in Antigua.
2012-2017	Member, Ocean Governance Committee
2020	Deputy Director, Department of Environment, Ministry of Health, Wellness and the Environment
2014-2018(on Secondment)	Deputy Chief Environment Officer, Department of Environment, Ministry of Health and the Environment.
2015	AOSIS Lead Negotiator, UNFCCC Paris Conference, IPCC scientific issues.
2014	Negotiator, Third International Conference on Small Island Developing States (SIDS) in Apia, Samoa.
2014	Consultant, Technical Coordinator, Antigua and Barbuda Third National Communication to the UNFCCC.
2012-2013	Chairman, <i>Consultative Group of Experts on national communications from Parties Not included in Annex 1 of the UNFCCC.</i>
2010-2013	Member, <i>Consultative Group of Experts on national communications from Parties Not included in Annex 1 of the UNFCCC.</i>
2010-12	Consultant, <i>Energy for Sustainable Development in Caribbean Buildings (ESD Caraibes), Antigua and Barbuda- Project concept phase.</i>
2009-10 and 2014	Chief Environment Officer (Ag.), <i>Environment Division.</i>
2008-11	Alliance of Small Island Developing States (AOSIS) <i>UNFCCC-AWGLCA-Shared Vision and Review-Lead-Negotiator.</i>
2008	Senior Technical Assistant, <i>Office of the Executive Secretary of the G77 & China United Nations, New York.</i>
2008	Attaché, <i>Mission of Antigua and Barbuda to the United Nations New York-Special on Sustainable Development issues.</i>

2008	Consultant, <i>Antigua and Barbuda's Second National, Communication to the UNFCCC.</i>
2007-2014	Project Coordinator, <i>GEF Full Size Project-Demonstrating the Implementation of A Sustainable Island Resource Management Mechanism.</i>
2007-2014	Senior Environment Officer, <i>Environment Division.</i>
2007	Lecturer, <i>Antigua State College-University of the West Indies, First year program-Biology.</i>
2004-2007	Environment Officer, <i>Division, Ministry of Ministry of Tourism, Civil Aviation, Culture and the Environment.</i>
2006-2007	Lecturer, <i>Antigua State College-CAPE Environmental Science.</i>
2002	Internship with the Environment Division <i>Recipient of Research Grant from the Environmental Division. Paper: Prospects for Organic Food Production in Antigua and Barbuda: A Preliminary Analysis.</i>
2000	Fisheries Assistant, <i>Ministry of Agriculture, Lands and Fisheries</i>

PROFESSIONAL PRACTICE:

Technical Analysis of Biennial Update Reports (BUR) of non-Annex I Parties

- Member of team of technical experts (TTE) under the international consultation and analysis (ICA) process.
- Identification of the extent to which the elements of information listed in decision 2/CP.17, annex IV, paragraph 3(a) are included in the BUR of the Party concerned;
- Undertaking a technical analysis of information contained in the BUR and any additional technical information that may be provided by the Party concerned.
- In consultation with the Party concerned, identifying the capacity-building needs in order to facilitate reporting and participating in international consultation and analysis.

Environmental Impact Assessment (EIA)

- Revision and assessment applications for developments, conducting site visits formulating recommendations based on the guidelines of the Physical Planning Act 2003 and the Environmental Protection and Management Act 2015 as well as other relevant legislation.

Preparation of terms of reference for Environmental Impact Assessments (EIA's) for private sector and national projects

- Assessment and review of EIA's for the private sector and providing information for EIA's for Government Agency Projects
- Participated in the preparation of the EIA for St. John's Port and River Dock expansion.

Project development and implementation

- Development of projects related to implementation of the National Environmental management Strategy (NEMS).
- Provision of assistance to the Global Environmental Facility (GEF) National Operational Focal Point (NOFP) in the development of GEF projects; providing guidance and recommendations on the development of project proposals.

- Development and implementation of Integrated Watersheds Management Project which received 250,000.00 funding from the Spanish Agency for co-operation.
- Development of Climate Change Adaptation Project (5 Million USD)
- Coordinator of the development and submission PDF-B stage of the Sustainable Island Resource Management Mechanism (SIRMM) full-size project to the GEF Council
- Participated in development of the Northwest Coast Local Area Plan.
- Inter-sectorial coordination and planning for project development and implementation
- Project Coordinator-GEF Full-sized project - Demonstrating the development and implementation of a Sustainable Island Resource Management Mechanism (SIRMM).
- National Coordinator, EU OECS, Global Climate Change Alliance (GCCA) Project on Climate Change Adaptation (CCA) and Sustainable Land Management (SLM) in the Eastern Caribbean.

Vulnerability and Adaptation assessment and planning

- Senior National Technical Advisor for the development of the SCCF funded project *Building climate resilience through innovative financing mechanisms for climate change adaptation*
- Identification of vulnerable communities and ecosystem issues.
- Sector level assessment of vulnerability to Climate Change impacts.

Communication and Public Awareness

- Community awareness and outreach
- Sustainable Development Issues
- Developed the Adopt-A-Mile Program
- Ffryes Beach Rehabilitation Program and community outreach
- Established the Environment Division Tree Nursery
- Assistant producer ECO ZONE Environmental Awareness Program
- Developed and implemented the Antigua and Barbuda NEMS Public Awareness and Communications Strategy
- Preparation of press releases, information briefs on environmental projects as well as other public awareness materials
- Member World Food Day 2004 Committee

International and Regional fora

- Member of the Antigua and Barbuda delegation during the countries' chairmanship of the G77 & China.
- Negotiator in the UNFCCC process-Road to Copenhagen
- Coordination of implementation of the St. Georges Declaration, involved in the revision of the declaration and the principles for environmental sustainability in the OECS.
- Coordination of activities related to the implementation of the United Nations Convention on Biodiversity (UNCBD), the United Nations Convention to Combat Desertification (UNCCD) and United Nations Framework Convention on Climate Change (UNFCCC)
- Assist the GEF NOFP in the design of GEF projects
- Attend regional GEF meetings to contribute to policy development, review and implementation.
- Chairman of the Consultative Group of experts on Non-Annex I National Communications to the UNFCCC.

Research

- Prospects for organic food production in Antigua and Barbuda-A Preliminary Analysis (un-published)
- Feasibility for co-management of ecological systems in Falmouth Harbour (Un-published)

Certifications and Awards

- IADB, MUSE and Environmental Review 2019
- PADI open water diver
- Certificate in Protected Areas Management CCA 2004
- HACT 2007
- WTO-IDB/INITIAL-Trade and Environment for Caribbean Countries (2008)

Computer experience

- Proficient in Microsoft Word, Excel, Publisher, Project Manager, PowerPoint, Google Drive, Dropbox, Asana, and other internet applications
- Exposed to Microsoft Access, QuickBooks and Arc View GIS software
- HACT accounting system

REFERENCES

Mr. Leon Charles,
Consultant
1 473 442 4681
caa1958@gmail.com

Mr. Walter Christopher,
Permanent Secretary, Ministry of
Tourism and investment
walter.p.christopher@gmail.com

Alma Jean
Programme Officer at UNFCCC
almaajeon@gmail.com

Amb. Dwight Gardiner
Antigua and Barbuda Department of
Marine Affairs
dgardiner@abregistry.ag

Resume

Arthur Reginald (Reg) Murphy, MBE., Ph.D. (U. of Calgary), MA (Trent University), Construction Management (George Brown College, and Ryerson U), Toronto

Address: PO. Box 312, St. John's, Antigua, WI. 1-268-764-8886
regmurphyantigua@gmail.com also, : www.archaeologyantigua.org

Current: - Secretary General, National Commission for UNESCO Antigua and Barbuda

Area of Specialities

- Secretary General, representing Antigua and Barbuda, UNESCO
- Archaeologist: 32 years experience.
 - Field researcher/professor
 - Project management, construction and restoration
 - Surveys and excavations
 - Analysis and reporting
 - Cultural Heritage Resources Management, Development and Survey
 - Periods of research: Prehistoric and Historic Periods
 - Underwater
- Heritage Sites Development and Management
 - Management and Conservation Planning
 - Museum Development
 - Interpretation and training of guides
- UNESCO World Heritage
 - Dossier development, all aspects
 - Wrote the Dossier for the Antigua Naval Dockyard W.H. Site
 - Former Manager of Heritage Resources and archaeologist for the Antigua Naval Dockyard.
- Cultural Resources Site Survey and Mitigation: Selection of various projects
 - Escape to Barbuda Development: Cultural Resources Assessment/Archaeological and archival survey and excavations September 2021
 - Cabot St. Lucia: Resort and Golf Course Archaeological Survey, Cas en Bae (2021)
 - Sunwing Cultural Resources Management Survey, Deep Bay Antigua (2015)
 - Great George Fort Monks Hill, Antigua. CRM project for Government of Spain proposed restoration 2016.
 - Archaeological survey of Mayaguana Island, The Bahamas (project field director, PAL Inc., Rhode Island) (2005)
 - St. Vincent, Cross Island Road Project, Heritage Impact Assessment, I. Jackson and Assoc., EIA (2003)

- St. Vincent, Heritage Tourism development: Planning of 20 new parks and protected areas, project consultant (I. Jackson and Associates) (2004)
- Clarence House Antigua, Restoration: Project Advisor and Trustee, Charity Commission, UK
- St. Georges Grenada, Restoration and development of forts of Georges, Matthew, and Frederick; heritage development consultant, (EU Funded Project) (2004)
- Consultant to Montserrat National Trust, numerous projects.
- Archaeological surveys on Tortola, BVI. (Numerous projects and sites prior to development, 2008)
- Archaeological survey of Gray's Point, Nonsuch Bay, Antigua (2007).
- Archaeological excavation of Galleon Beach cemetery, Antigua. (2009 and 2012)
- Archaeological survey, McNeish Mountain Sugar Estate (2010)
- Archaeological survey, Fountain Beach, Anguilla (2011)
- Archaeological / Cultural survey of Rendezvous Bay, Antigua (2011-12)

Active Projects and Activities (Voluntary)

- Chairman of the revised World Heritage Committee, Antigua, 2020.
- **Currently** gathering data to draft a Tentative List of Sites for Antigua and Barbuda.
- Forensics: assistance to the Royal Antigua Barbuda Police Force Criminal Investigation Department with recovery and forensic analysis of human skeletal remains; assisting voluntarily since 2006.
- **Currently** drafting revised Management and Conservation Plans of a restoration program for the restoration of Forts James, and Barrington, 17th century coastal fortifications Antigua. 2021
- Stabilization and Improvements of Betty's Hope Estate (17th century sugar estate) and,
 - Upgrading exhibits for Museum of Antigua
 - Climate Change Impact on Coastal Heritage Sites: Survey of Archaeological and historical sites Antigua and Barbuda for mitigation activities, documenting impact.

Professor of Archaeology

- Adjunct Faculty: The University of Nebraska, Lincoln, School of Global Integrative Studies and Anthropology
- Affiliated Status, The Graduate Center, City University New York, (Anthropology).
- Member: Advisory Board Graduate Student Selection for Caribbean research, Department of Archaeology, Leiden University, 2021.

Four graduate students currently under my supervision.

List of publications available on request.

Christopher K. Waters PhD

Director of Heritage Resources
National Parks Authority of Antigua and Barbuda
Nelson's Dockyard National Park
English Harbour, Antigua
(268) 776-4098

APPOINTMENTS

Acting Director, Heritage Resources Department UNESCO World Heritage Site Focal Point National Parks Authority of Antigua and Barbuda UNESCO World Heritage Site Antigua Naval Dockyard and Related Archaeological Sites	April 2020-Present April 2020-Present English Harbour, Antigua
Postdoctoral Fellow for World Heritage Management/ Assistant Manager, Heritage Department National Parks Authority of Antigua and Barbuda UNESCO World Heritage Site Antigua Naval Dockyard and Related Archaeological Sites	January 2019- March 2020 English Harbour, Antigua

EDUCATION

Ph.D., Distinction: Anthropology Syracuse University Dissertation title: <i>Putting Forts in their Place: The Politics of Defense in Antigua, 1670-1785</i>	December 2018 Syracuse, NY
Certificate of Advanced Studies Cultural Heritage Management Syracuse University	June 2015 Syracuse, NY
M.A. Merit: Archaeology (2012) University of Bristol Dissertation title: <i>Forts of Folly: Caribbean Defenses of the Lesser Antilles in the Seventeenth Century</i>	December 2012 Bristol, UK
B.A. History and Archaeology St. Olaf College	May 2010 Northfield, MN

PUBLICATIONS

Peer Reviewed

Waters, C.K. and Desley Gardner, "Cultural Continuity in Antigua's First Black Settlement: The Middle Ground." In Ahlman, T, Gerald Schroedl, and Zach Beier (eds.) *Military Sites Archaeology in the Caribbean*, Berghan. (Under Review).

Waters, C.K. “The key of the British Navigation to all the Sugar Islands, and even to Jamaica itself”: Vernacular Architecture and the defense of Antigua, 1670-1785. In Luengo, Pedro (ed.) *Fortifying the Caribbean Sea*, Tuscaloosa: University of Alabama Press (Under Review).

Varney, Tamara L., **Waters, C.K.**, and Murphy, R. “Investigations at the Royal Naval Hospital Cemetery (C. 1763-1834) in English Harbour.” In Menno Hoogland and Darlene Weston *Routledge Handbook of Bioarchaeology in the Caribbean*. (Under Review)

Waters, C.K. “Local Governance, Royal Navy, and the complexities of interdiction and smuggling around Antigua in the Eighteenth Century.” In Jean-Sebastien Guibert and Boris Lesuer (eds.) *Between Exclufif and smuggling: maritime trade in the Antilles* (Under Review)

Waters, C.K. 2020. “Re-Contextualizing Mortality Rates and Population Trends of Enslaved Africans in Antigua.” *Journal of Caribbean History* 54(1): pp. 1-29.

Waters, C.K. 2020 “Beyond the Plantation: the Codrington’s, Betty’s Hope and the Defense of Antigua, 1670-1714”. In Fox, G.L. (ed.) *An Archaeology and History of a Caribbean Sugar Plantation on Antigua*. Gainesville: University of Florida Press.

Waters, C.K. 2019 “Indefensible Landscapes: Power Dynamics, Social Relations, and Antigua’s Eighteenth-Century Fortifications.” In DeCorse, C.R. (ed.) *Power, Political Economy and Historical Landscapes of the Modern World: Interdisciplinary Perspectives*. Albany: SUNY University Press.

Wells, E.C., **Waters, C. K.**, Tricarico, A.R. and Fox, G.L. 2017. “Agroindustrial Soilscapes in the Caribbean: A Geochemical Perspective from Betty’s Hope, Antigua.” *Environmental Archaeology* 22(4): 381-393.

Manuscripts in Preparation

Waters, C.K. and Tricarico, A.R. “Sociospaciality of the Codrington Plantations in Antigua.” Prepared for *Historical Archaeology*.

Waters, C.K. and Prosper, J. “Capital Punishment and Enslavement in Antigua, 1693-1834. Prepared for *Journal of Caribbean History*.

Book Reviews

Waters, C.K. 2018. *Frontiers of Colonialism* edited by Christine D. Beaulé. *Historical Archaeology* 52(3), 637-638.

Waters, C. 2008. *Responsibility* edited by Barbra Darling-Smith. *Religious Studies Review* 34(1): pp. 36.

Reports and Newsletter Articles

- Waters, C.K.** Jean-Sebastien Guibert, Desley Gardner, Helene Botcazou 2021. “Shipwreck Investigations into Tank Bay, English Harbour, Antigua and Barbuda.” SHA Newsletter 54(3): pp.32-36.
- Waters, C.K.** and Desley Gardner 2019. “Carrying Capacity Study of the Dockyard Precinct, Antigua Naval Dockyard and Related Archaeological Sites.” Report Submitted to the National Parks Authority of Antigua and Barbuda, 15 November 2019.
- Waters, C.K.** 2019. “The Origins of the Antigua Naval Dockyard.” *Nelson’s Dispatch* 13(7): pp. 409-413.
- Bord, A., and **Waters C.K.** 2019. *PH-035 Crossroads A-Ceramic Survey Report*. Archaeological Assessment. Submitted to the National Parks Authority of Antigua and Barbuda 13 June 2019.
- Waters, C.K.** 2018. *When the King’s Last Argument is but a Whimper: Artillery Deployment in Antigua’s Colonial Fortifications*. New Perspectives on the ‘Last Argument of Kings’: A Ticonderoga Seminar on 18th-Century Artillery. Fort Ticonderoga. 6 August, 2017, pp. 120-131.
- Waters, C.K.** 2018. *Preliminary Report and Archaeological Research Proposal for the Tank Bay Shipwreck*. For the Heritage Department, National Parks of Antigua and Barbuda.
- Waters, C.K.** 2017 *Field Report, Indian Creek (PA-04)*. For the Heritage Department, National Parks of Antigua and Barbuda.
- Waters, C.K.** 2017. “The Tale of the Lyon. *HAS Newsletter: April, May, June 2017*: No. 137. Pp. 4-5.
- Waters, C.K.** and Gardner, D. 2017. *Mill Reef Survey, 2017*. Submitted to the Heritage Department, National Parks of Antigua and Barbuda, and to the Mill Reef Club, Antigua.
- Waters, C.K.**, Tricarico, A, Gardner, D., and Parr, M. 2016. *Excavation Report for Great Fort George, Monk’s Hill: Antigua Archaeological Field School 2016*. 30 September 2016. Submitted to the Heritage Department, National Parks of Antigua and Barbuda.
- Waters, C.K.** 2016. *Proposed Schedule of Work for Morris Bay, Antigua (MAH-007)*. Desk Based Assessment of the Morris Bay Site, Submitted to the National Parks of Antigua, 19 July 2016.
- Waters, C.K.**, Brown, M., Murphy, R. 2016. *Preliminary Report on the Cultural Heritage of Redonda*. 7 July 2016. Submitted to the Steering Committee of the Redonda Restoration Project.
- Waters, C.K.** 2016. “Breaking History out of Prison.” *HAS Newsletter: January, February, March Edition*. No. 132. Pp. 13-14.
- de Mille, C., Cripps, D., **Waters, C.K.** 2016. *Heritage Resources Impact Assessment Blue Diamond Deep Bay Resort: Final Report*. Report submitted March 2016.

Murphy, R., **Waters, C.**, Brown, M., Look, C., Friedman, E. 2015. *Great Fort George, Monks Hill Antigua: An Archaeological Survey*. A report prepared by the National Parks of Antigua and Barbuda for the Spanish Government. Submitted August 2015.

Waters, C.K. 2015 *Fort Survey Report, Antigua Summer 2014*. National Parks of Antigua and Barbuda. Submitted June 2015.

Waters, C.K. 2013. *Indian Creek Excavation Report, Antigua Summer 2013*. National Parks of Antigua and Barbuda.

Waters, C.K. and Wareing, S. 2012. *Rockby Physical and Geophysical Survey Report, Friends of Purton*. Friends of Purton, Purton, United Kingdom.

Waters, C.K. 2012. "Cost of Education," *International Educator*. November-December Issue.

INVITED LECTURES AND CONFERENCES

Invited Lecture

Antigua State College, Introduction to Engineering. *Heritage as a Value Added Option*. Presented 29 October 2019.

Island Academy, Guest Lecture. *Practical Application of Maths in History*. 29 May 2019.

MY Sea Cloud 2, Guest Lecture. *A Brief Tour of Antigua*. 21 March 2019.

Government House (Antigua): Archival and Spatial Analysis. Presented at THE GOVERNOR GENERAL'S HERITAGE SEMINARS, GOVERNMENT HOUSE, INDEPENDENCE AVENUE, ST. JOHN'S, ANTIGUA AND BARBUDA, 16-22 FEBRUARY 2019. Presented 19 February 2019.

Stewardship: Ethics in Archaeology and Heritage. MUS 622 Introduction to Museum Studies, Syracuse University, 12 November 2017.

Stewardship: Ethics in Archaeology and Heritage. MUS 622 Introduction to Museum Studies, Syracuse University, 13 November 2017.

When the King's Last Argument is but a Whimper: Artillery Deployment in Antigua's Colonial Fortifications. New Perspectives on the 'Last Argument of Kings': A Ticonderoga Seminar on 18th-Century Artillery. Fort Ticonderoga. 6 August, 2017.

The Indefensible: Power Dynamics, Social Relations, and Antigua's 18th Century Defense Landscape. Power, Political Economy and Historical Landscapes of the Modern World: Interdisciplinary Perspectives: The Fernand Braudel Center for the Study of Economics, Historical Systems, and Civilizations. 29 April 2017.

In Defense of the Colony: The Politics and Social Pragmatism of Antigua's Fortification Network, 1672-1783. Perspectives in Anthropology and Archaeology, Cazenovia College. 29 March 2017.

Small/Special Finds. ANT 444/644 Laboratory Analysis Guest Speaker. Syracuse University, 29 November 2016.

Historical Archaeology and Antigua's Defense Network, 1680-1815. Antigua Archaeological Field School. 15 June 2016, English Harbour, Antigua.

Changing the Face of Seneca Falls: The Mechanics of Land Seizure in 1915. Van Cleef Lake Centennial Celebration Committee Panel Discussion, 10 August 2015, Seneca Fall, NY.

Starting with a Question: Building an Archaeological Project from the Ground Up. Guest Lecture: Anthropology 442 Archaeological Methods, Dr. Theresa Singleton, Syracuse University, 3 November 2015, Syracuse, New York.

Conference Presentations

Waters, C.K. and Desley Gardner. "Enslavement, Maroonage, and Cultural Continuity Outside the Dockyard Walls: Middle Ground, Antigua." Presented at the Society of Historical Archaeology on 10 January 2020.

Waters, C.K. "William John Williams and the Men from Montserrat: An Imperial Chemist, Redonda, and the Nineteenth Century Guano Boom." Presented at the Society of Historical Archaeology on 10 January 2019.

Waters, C. and Tricarico, A. "Socio-Spatiality of an Antiguan Plantation." Presented at the Society of American Archaeologists on 13 March 2018, Washington D.C.

Waters, C. "Protecting 'The Fronteers': the Defensibility of Antigua's Colonial Fortification Network." Presented at the International Association of Caribbean Archaeologists on 28 July 2017, St. Croix.

Waters, C. "Questioning assumptions about lived military existence or who manned the forts of Antigua?" Presented at the American Anthropological Association Annual Meeting, 16 November 2016, Minneapolis, Minnesota.

Waters, C., Wells, E.C., and Fox, G.L. "Geochemical Analysis of Soil Surfaces at Betty's Hope Plantation, Antigua." Presented at the International Association of Caribbean Archaeologists on 24 July 2015, Saint Marten.

Wells, E.C., **Waters, C.** and Fox, G.L. "Integrated Anthrosol Prospection at Betty's Hope Sugarcane Plantation, Antigua, British West Indies." Presented at the Society for American Archaeology Annual Conference, 17 April 2014, San Francisco, California.

Waters, C. “The Landscape of Fear on the Edge of the World: Small Island Life on Antigua 1667-1815”. Presented at Society for Historical Archaeology Annual Conference, 8 January 2014, Seattle, Washington.

Waters, C. “The Brick Circles of Antigua.” Presented at the International Association of Caribbean Archaeologists on 26 July 2013, San Juan, Puerto Rico.

Bartz, F., Hienen, J. Klahre, N. Kose, E., Sachs, S., Takato, S., **Waters, C.**, and Zwissler, E. “Shaking History II”. Presented at Portico Conference 9 April 2011, Cologne, Germany.

Bartz, F., Hienen, J. Klahre, N. Kose, E., Sachs, S., Takato, S., **Waters, C.**, and Zwissler, E. “Shaking History”. Presented at Portico Conference 25 November 2010, Gent, Belgium.

Waters, C. “Redefining Law: Taking the System Out of Republican Roman Law.” Presented at the Pi Alpha Theta Regional Conference 13 April 2010, Park University, Kansas City.

GRANTS AND AWARDS

Emergency Preparedness for Cultural Heritage under Threat, Gerda Henkel Stiftung and Prince Claus Fund for Culture and Development on behalf of the Nelson’s Dockyard Museum	€15,128	Nov. 2020
Naval Dockyards Society Grant on behalf of the Nelson’s Dockyard Museum	£1,000	Aug. 2020
Endangered Archives Pilot Grant, National Archives of Antigua and Barbuda (Co-PI with S. Lowes and N. Lightfoot)	£11,500	June 2019
Mill Reef Fund for Experiential Learning Room, Museum of Antigua (with S. Lowes and M. Henry on behalf of the History and Archaeology Society of Antigua)	\$5,377	May 2019
All-University Dissertation Award, Syracuse University		Spring 2019
Outstanding Teaching Assistant Award, Syracuse University		Spring 2018
Travel Grant: Department of Anthropology, Syracuse University	\$211	Spring 2017
Travel Grant: Department of Anthropology, Syracuse University	\$500	Fall 2016
Associate Researcher Position, National Parks Authority of Antigua and Barbuda: Material Support, including vehicle and research space		Spring 2016
Roscoe-Martin Graduate Research Grant, Syracuse University	\$915	Fall 2016
Maxwell Dean’s Summer Fellowship, Syracuse University	\$3,840	Spring 2015
Moynihan European Research Center Summer Research Award, Syracuse University	\$700	Spring 2015
Roscoe-Martin Graduate Research Grant, Syracuse University	\$500	Spring 2015
Travel Grant: Department of Anthropology, Syracuse University	\$500	Fall 2015
Maxwell Dean’s Summer Fellowship, Syracuse University	\$3,800	Spring 2014
Maxwell School Summer Fellowship for Graduate Assistants, Syracuse University	\$700	Spring 2014
Moynihan Institute Program for Latin America and the Caribbean Summer Research Award, Syracuse University	\$1,400	Spring 2014
Graduate Student Association Research Grant, Syracuse University	\$200	Spring 2014

Best Paper in Presentation Group. Pi Alpha Theta Regional Conference, Park University, Kansas City, Missouri.	Spring 2010
Established Leadership Award, St Olaf College, Northfield, Minnesota	Spring 2010
Travel Award, St. Olaf College	\$500 Spring 2010

Social and Traditional Media Experience

Antigua Naval Dockyard UNESCO World Heritage Facebook Page Admin. January 2019-Present

Increased followers by more than 400% in two years through increased publishing of unique historical vignettes and videos.

Translations (German to English)

Translation of Abstract and Dust Cover material for Mirko Geisendorf [Forthcoming] *Der eisenzeitliche Festplatz von Schwerte-Wandhofen (Kreis Una)*. Deutsche Gesellschaft für Ur-und Frühgeschichte. 2018

Translation consultant on Max Weber’s *Politics as Vocation*, acknowledged and published in Tony Waters and Dagmar Waters (2015) *Weber’s Rationalism and Modern Society: New Translations on Politics, Bureaucracy, and Social Stratification*, 2012.

Signage for the *Praetorium*, Archäologische Zone, City of Cologne. 2011.

TEACHING EXPERIENCE

Syracuse University

Certifications

- Certificate in University Teaching Fall 2017

Courses Instructor and Designer

Global Encounters Fall 2018

- Introductory anthropology lecture class with 200 students
- Writing intensive

Global Encounters Fall 2018

- Introductory anthropology survey course with 25 students
- Writing intensive

Sunken Cities and Hidden Treasure: Introduction to Underwater Archaeology Fall 2017

- Archaeology survey course with 33 students

Independent Study: Introduction to Underwater Archaeology Fall 2017

- Directed independent study

Teaching Assistant

Oral Communication in Teaching Fall 2018

- Graduate level English language lab focusing on teaching at an American University

Introduction to Historical Archaeology Spring 2017

- Introductory archaeology discussion sections with 25 students
 - Lead the Renee Crown Honors College section
- Archaeology at the Movies, Syracuse University Fall 2017
- Upper division archaeology course
- Archaeology and Prehistory Fall 2015
- Introductory archaeology discussion sections with 25 students
- Biological Anthropology Spring 2014
- Introductory archaeology discussion sections with 25 students
- Archaeology and Prehistory Fall 2014
- Introductory archaeology discussion sections with 25 students
- Introduction to Historical Archaeology Spring 2013
- Introductory archaeology discussion sections with 25 students
 - Lead the Renee Crown Honors College section
- People and Cultures of the World Fall 2013
- Introductory cultural anthropology discussion sections with 25 students

Additional Teaching Experience

- First Year Experience, Lead Facilitator Fall 2018

California State University at Chico

Field Director

- ANTH 280/380/480 Antigua Archaeological Field School Summer 2017
- ANTH 280/380/480 Antigua Archaeological Field School Summer 2016
- ANTH 280/380/480 Bettys Hope Archaeological Field School Summer 2015

Teaching Assistant

- ANTH 280/380/480 Bettys Hope Archaeological Field School Summer 2014
- ANTH 280/380/480 Bettys Hope Archaeological Field School Summer 2012

EDUCATIONAL AND PROFESSIONAL EXPERIENCE

Director, Heritage Resources Department April 2020-Present

UNESCO World Heritage Site Focal Point April 2020-Present

National Parks Authority of Antigua and Barbuda

Assistant Manager, Heritage Department 2019-2020

National Parks Authority of Antigua and Barbuda

Principle Investigator 2015-2018

Antigua Forts Project, Antigua

Co-Principle Investigator 2017-Present

Indian Creek Archaeological Project, Antigua

Archaeology Consultant 2016-Present

Redonda Restoration Programme, Antigua

Museum of Antigua 2016-Present
Museum Board Member, Antigua

Teaching Assistant/Research Assistant 2012-2015
Betty's Hope Archaeology Project, Antigua

Museum Curator and Heritage Specialist 2012-2013
National Parks Authority of Antigua and Barbuda, Antigua

Archaeological Technician 2010-2011
Archäologische Zone, Cologne, Germany

Fieldwork

Caribbean: Directed fieldwork on Archaic, Ceramic, and Historic Period Sites in Antigua and Redonda.

Europe: Field experience in remote sensing in the UK and urban archaeology in Cologne, Germany.

Africa: Field experience in Tanzania.

North America: Field experience in Northern California.

Media

2019 Contributor to ZDK Liberty Radio 97.1 FM history program, airing Thursdays 12.30pm.

2019 ABS, 25 March 2019, Feature piece on the history of Middle Ground, English Harbour, Antigua.

2015 Cast Member, "Betty's Hope." Produced by the Advanced Laboratory for Visual Anthropology, California State University, Chico.

PROFESSIONAL DEVELOPMENT AND SERVICE

Mentoring

Faculty Instructor to Teaching Assistants Fall 2018

- Mentored four graduate Teaching Assistants, three undergraduate Teaching Assistants and one Peer Facilitator

Teaching Mentor 2017-2018

- Designed, organized and led pedagogy workshops for new Teaching Assistants at Syracuse University

Education and Pedagogy Development

2018 Waters, C. and McWhorter, C. *Constructing an Electronic Teaching Portfolio*. Future Professoriate Program. The Graduate School, Syracuse University. 2 February 2018.

- 2018 McWhorter, C. Zhang, Y. and Waters, C. *Constructing a Teaching Portfolio*. Certificate in University Teaching Program, The Graduate School, Syracuse University. 24 January 2018.
- 2018 Waters, C., Spring Semester All University Teaching Assistant Training Small Group Sessions Leader and Microteaching Critique. The Graduate School. Syracuse University. 12 January 2018.
- 2017 Waters, C., Waymouth, H. and Zhang, Y. *Writing a Teaching Philosophy*. Certificate in University Teaching Program, The Graduate School, Syracuse University. 17 November 2017.
- 2017 Soto, K., and Waters, C. *Effective Assessment Strategies*. Teaching Assistant Training Concurrent Session, The Graduate School, Syracuse University. 16 August 2017.

Professional Service

- Maxwell Dean Student Advisory Committee (2017-2018)
- Excellence in Graduate Education Selection Committee, The Graduate School, Syracuse University (2018)
- Teaching Mentor, The Graduate School, Syracuse University (2017)
- Anthropology Graduate Student Organization Faculty Liaison (2017)
- Graduate Representative to the Graduate Committee, Department of Anthropology, Syracuse University (2017)
- Historical and Archaeological Society of Antigua and Barbuda: Appointed Member of the Board of Directors (January 2016-Present)
- Historical and Archaeological Society of Antigua and Barbuda: Appointed Member of the Board of Directors (October 2012-August 2013)

ADDITIONAL INFORMATION

Relevant Volunteer Work

- 2018 Homer Junior High School Career Day. Cortland BOCES: 27 May 2018.
- 2017 Homer Junior High School Career Day. Cortland BOCES: 31 May 2017.
- 2016 9th Grade Career Fair, Corcoran High School, Syracuse University: 14 November 2016.
- 2013-present Board Member, Museum of Antigua and Barbuda
- 2015-2016 Erie Canal Museum/Seneca Falls Van Cleef Lake Centennial Researcher, Syracuse, New York.
- 2012 Friends of Purton Hulk Surveying, Purton, Gloucester, United Kingdom.

Professional Memberships

Society for Historical Archaeology
 International Association of Caribbean Archaeologists
 Historical and Archaeological Society of Antigua and Barbuda
 American Anthropological Association
 The Heritage Education Network
 Friends of the Archives, Antigua National Archives

REFERENCES

Dr. Christopher R. DeCorse, Doctoral Advisor

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Maxwell School of Citizenship and Public Affairs, Syracuse University
207 Maxwell Hall
Syracuse, NY
13244-1020
crdecors@maxwell.syr.edu
(315) 443-4647

Dr. Douglas V. Armstrong, Doctoral Committee Member

Chair, Department of Anthropology
Maxwell School of Citizenship and Public Affairs, Syracuse University
209a Maxwell Hall
Syracuse, NY
13244-1020
dvarmstr@maxwell.syr.edu
(315) 443-2405

Dr. Emily Stokes-Rees, CAS in Cultural Heritage Management Advisor

Program Coordinator, Museum Studies, Syracuse University
School of Design
The Nancy Cantor Warehouse
350 West Fayette Street
Syracuse, NY
13202
ewstokes@syr.edu
(315) 443-2455

Dr. Georgia L. Fox, Mentor

California State University at Chico
Chair, Anthropology Department
400 W. First Street
Chico, CA
95929-400
gfox@csuchico.edu
(530) 898-5583

Dr. A. Reginald Murphy

Director of Heritage
National Parks Authority of Antigua and Barbuda
Nelson's Dockyard, English Harbour
Antigua
regmurphyantigua@gmail.com
(268) 762-8666

Additional references upon request.