**EDUCATION AND PROFESSIONAL EXPERIENCE**

**Education**

(2018 – 2021)

M.Sc. Quaternary and Climate Studies, focus in Northeast Archaeology, 3.91 GPA

Department of Anthropology and Climate Change Institute, University of Maine

Thesis: *Dietary change among* Canis familiaris *during the Late Ceramic period on the Maine-Maritime Peninsula: a case study from the Holmes Point West site (ME 62-8), Machias Bay, Maine*

Thesis Committee: Dr. Bonnie D. Newsom (Advisor), Dr. Eric J. Guiry, Dr. Daniel H. Sandweiss

(2010 – 2011)

Certificate of Applied Geographic Information Systems, 3.54 GPA

Department of Geography and Anthropology, University of Southern Maine

Capstone Project: *A GIS Approach to Understanding Healthy Growing Conditions for* Acer

platanoides *in Portland, Maine*

Advisor: Dr. Matthew Bampton

(2007 – 2011)

B.A. Geography and Anthropology, focus in Environmental Archaeology and Linguistics, 3.61 GPA

 Department of Geography and Anthropology, University of Southern Maine

 Advisor: Dr. Nathan Hamilton

**Research Interests**

Northeast Archaeology, Environmental Archaeology, Human-Environmental Relationships, Human-Canine Relationships, Stable Isotope Analysis and Applications, Archaeology of the Maine-Maritime Peninsula Region, Community and Indigenous Archaeologies, GIS Field Applications in Archaeology and Land Use Management, Geodesy and Geodetics

**Current Employment**

QA/QC Software Support, Blue Marble Geographics, Brunswick, Maine (Full-time, July 2021 – Present)

 This role supports development of BMG software products. Responsibilities include routine checks of GIS and geodetic software applications for quality assessment and control, manual and automated testing of software programs to ensure software and processes meet expectations within documented constraints, testing of new and existing features for improvement, test writing for existing and new GIS software features. In addition to test-related responsibilities, review and confirm bug reports by internal users and testers, reporting them to the development team. Interacts with customers and wider user community for increased software enhancements of company products, and collaboration with product management for future release planning. Identify areas of current and future development focus and prioritize testing methodologies based on prior areas of concern.

**Previous Employment**

Archaeological Technician, TRC Companies, Bath, Maine (Part-time, April 2021 – July 2021)

Responsibilities included ensuring the quality of archaeological data, fieldwork, and paperwork; performing archaeological surveys, testing, data recovery and monitoring; completing tasks in a timely fashion; coordinating with project managers regarding project requirements and expectations.

Graduate Assistant, Northeast Prehistory Lab, Department of Anthropology, University of Maine (5-10 hours/week, January 2019 – December 2020)

Assisted faculty with management of archaeology lab collections, overseeing students working on special projects, and providing support for faculty and graduate research. Regular duties included management of the Northeast Prehistory Lab’s library; oversight and regular maintenance of the lab’s equipment; management of existing digital repositories for lab collections; preparation of archaeological samples for radiocarbon dating, residue analysis, and other chemical analyses.

Special Project Assistant, Hudson Museum, University of Maine (5-10 hours/week, September 2018 – December 2020)

This position was developed in order to facilitate the launch of the Hudson Museum’s online collections database. Digital records were cleaned and prepared for upload to the online collections database in PastPerfect; provided assistance with regular programming and daily operations of the museum; assisted the director and Graduate Assistant with the intake of newly accessioned items to the collection.

Graduate Assistant, TRIO Student Support Services, University of Maine (20 hours/week, July 2018 – October 2020)

 Primary responsibility was assisting the Tutor Coordinator with managing incoming tutoring requests for students in the TRIO SSS program. Regular duties include interviews with newly-hired tutors; entry of new student/tutor data into existing Access database; communication with tutors about issues related to tutoring of students; contact with textbook publishers to acquire new resources; regular review and analysis of tutoring relationship data for reporting to the Director for inclusion in annual grant applications/reviews.

Research Analyst, Hall, Inc., Gray, Maine (Full-time, January 2016 – July 2018)

A contract-based position, achievements include: created and managed internal databases of geographic and economic data utilized for property research; analyzed relevant data for creation of maps, tables, and graphs; copy-edited finished reports for grammar, spelling, and compliance with applicable federal, state, and professional regulations; supported licensed appraisers during field inspections by creating site and route maps, taking field notes, conducting surveys, and taking photographs; served as the primary point of contact for inquiries pertaining to new and current projects; conducted phone interviews with federal, state, and municipal employees, property owners, and local professionals.

Research Assistant, Amidon Appraisal Company, Portland, Maine (Full-time, May 2012 – December 2015)

Procured and analyzed geographic, statistical, and demographic data from federal, state, and municipal sources which were utilized for the creation of real estate appraisal reports; assisted with writing, proof editing, and producing hard copy reports; assisted with property inspection and measurements; conducted interviews with relevant information sources; supported daily operations of the business. Authored market reports and cell tower surveys utilized by the USFWS, USDOI, and private companies.

Writing/Technology Tutor, The Learning Commons, University of Southern Maine (10-20 hours/week, August 2011 – May 2012)

Assisted in a dynamic library environment helping students develop skills in writing and use of computer software for undergraduate-level academic courses.

Student Researcher, Linguistics Department, University of Southern Maine (10 hours/week, June 2010 – December 2011)

Collaborated in a research group to plan for and facilitate experiments and complete research goals funded by the National Science Foundation. Extensive work required in Microsoft Excel cleaning and coding data, working with test subjects, and writing lab reports. Received Human Subjects Research training and certification.

Archaeology Lab Coordinator, Geography/Anthropology Department Archaeology Lab, USM, Gorham, Maine (5-10 hours/week, February 2010 – March 2011)

Organized and managed the Archaeology Lab collections identifying and cataloguing faunal assemblages for permanent collection. Extensive work required in Microsoft Excel and Access cleaning and organizing archaeological databases.

**Relevant Knowledge and Training**

Microsoft Office suite; Adobe products; SQL database operations; Jira Atlassian team and project management software; training and knowledge in Global Mapper, Geographic Calculator, ArcGIS Desktop, ArcGIS Pro, QGIS, and ERDAS Imagine spatial analysis software; AutoCAD; Trimble, Spectra, TopCon, and Garmin surveying products; statistical analyses in R programming language; OxCal and BCal radiocarbon calibration programs; PastPerfect collections management software.

**RESEARCH AND SCHOLARSHIP**

**Research Grants**

2019 Events and Experiences Award, College of Liberal Arts and Sciences, University of Maine, Title: *Stable Isotope Analyses* ($600)

**Academic Awards**

2021 David Sanger Anthropology Award ($500), Department of Anthropology, University of Maine

2021 Outstanding Graduate Student Award, Graduate Student Government, University of Maine

2021 Lambda Alpha National Anthropology Honor Society, Lifetime Membership

2020 Non-Traditional Women Student Scholarship ($500), American Association of University Women, Penobscot Valley Branch

2020 Interdisciplinary Graduate Student Award and Arnold & Bobby Kaplan Prize ($250), College of Liberal Arts and Sciences, University of Maine

2020 Graduate Assistantship, TRIO Student Support Services, University of Maine (Aug – Oct. waiver)

2019 Graduate Assistantship, TRIO Student Support Services, University of Maine (full tuition waiver)

2018 Graduate Assistantship, TRIO Student Support Services, University of Maine (full tuition waiver)

2011 Magna Cum Laude, University of Southern Maine

2011 Dean’s List, University of Southern Maine (fall and spring semester)

2009 Dean’s List, University of Southern Maine (spring semester)

2008 Early Studies Award, University of Southern Maine (tuition waiver, 9 credits)

2007 Early Studies Award, University of Southern Maine (tuition waiver, 9 credits)

**Research Presentations**

Mann, A. E. and E. J. Guiry (2021). Food for Thought: Insights into Late Ceramic period (ca. 950 – 450 BP) Canine Diets in Machias Bay, Maine. Canadian Archaeological Association Annual Meeting (Poster).

Mann, A. (2020) Food for Thought: Insights into Pre-colonial Canine Diets from the Maine Maritime Peninsula. Borns Symposium, University of Maine, Virtual (Paper).

Mann, A. (2020). Humanizing the past through human-canine interactions in the Maine/Maritime Region: an archaeological case Study from the Holmes Point West Site in Machiasport, Maine. Society for American Archaeology Annual Meeting, Austin TX (Paper accepted, conference cancelled).

Mann, A. (2019). Human-canine Interactions in the Maine/Maritime Region: an archaeological case study from the Holmes Point West site (ME 62-8). Eastern States Archaeological Federation Annual Meeting, Langhorne PA (Paper).

Mann, A. (2019). Investigating Dog Burials for Insights on Human-Canine Interactions in the Maine/Maritime Region: An Archaeological Case Study. Borns Symposium, University of Maine (Poster).

Acharya, S., A. Mann, A. Mereghetti, C. Reed (2019). Changing resources in a changing climate: chronicles of livelihood adaptability in the Gulf of Maine. CUGR Student Research Symposium, University of Maine (Paper).

Mann, A. and B. Campbell (2011). A GIS Approach to Understanding Healthy Growing Conditions for Acer platanoides in Portland, Maine.Thinking Matters Symposium, University of Southern Maine(Poster)

**Publications**

Mann, A. E. (2021) Dietary change among *Canis familiaris* during the Late Ceramic period on the Maine-Maritime Peninsula: a case study from the Holmes Point West site (ME 62-8), Machias Bay, Maine. M.Sc. Thesis, Department of Anthropology and Climate Change Institute, University of Maine.

Mann, A. (2020). Human-Canine Interactions in The Maine Maritime Peninsula Region: A Case Study of Dog Burials from The Holmes Point West Site (Me 62-8). *The* *Maine Archaeological Society Bulletin*, 60(1): 23-36.

Mann, A. and B. Newsom (2020). Food for Thought: Insights into Pre-colonial Canine Diets from the Maine Maritime Peninsula. Climate Change Institute Mini Paper. University of Maine Digital Commons.

Mann, A. and B. Newsom (2019). Investigating Dog Burials for Insights on Human-Canine Interactions in the Maine/Maritime Region: An Archaeological Case Study*.* Climate Change Institute Mini Paper. University of Maine Digital Commons.

**Field Experience**

2022 University of Maine MAPI Field School, Holmes Point West (ME 62-8) (1 week)

1. University of Maine MAPI Field School, Holmes Point West site (ME 62-8) (4 weeks)

2018 Volunteer assistance with field work at Reversing Falls site (ME 80.15), Pembroke, Maine with the University of New Brunswick Field School (1 week)

1. Volunteer assistance with field work at Armouchiquois Village site (ME 5.06), Biddeford, Maine with the University of New England Field School (2 weeks)

2010 Bowdoin College Archaeology Department excavations on Haskell Island, Casco Bay, ME (1 week)

1. University of Southern Maine/Cornell University Field School, Smuttynose Island, Isles of Shoals, ME and NH (2 weeks)

2009 University of Southern Maine/Cornell University Field School, Smuttynose Island, Isles of Shoals, ME and NH (1 week)

**TEACHING AND PROFESSIONAL DEVELOPMENT**

**Instructional Experience**

* Field supervision and lab facilitation, 2019 MAPI Field School at Holmes Point West site (ME 62-8), University of Maine (2020)
* Writing and Technology Tutor, Learning Commons, University of Southern Maine (2011 – 2012)
* Facilitation of tree survey in Bayside neighborhood with King Middle School, completed as part of Certificate of Applied GIS, University of Southern Maine, Portland ME (2010 – 2011)

**Professional Development and Relevant Training**

* Society for American Archaeology Workshop: *Improving Your Archaeological Skills: How to Write Better Technical Reports* (2020)
* Society for American Archaeology Workshop: *Introduction to Bayesian Chronological Modeling* (2020)
* Maine Archives and Museums Association Workshop: *Conserving Natural History and Organic Collections* (2019)
* Workshop for Archaeology Graduate Students in the Northeast, University of Connecticut (2019)
* Northeast Environmental Archaeology Network Workshop: *Identification of Wild and Weedy Species in Archaeobotanical Samples* (2019)
* Science Writing Course with Carl Zimmer, Cornell University, Appledore Island, ME (2010)

**Licenses/Certifications (Past and Current)**

NAUI Open Water Scuba Certification (2015 – Present)

Certification for Human Subject Research (2010, Lapsed)

**Organizational/University Service**

Member, Code of Ethics Committee, Eastern States Archaeological Federation (2022)

Member, Search Committee for Assistant Tutor Coordinator, TRIO Student Support Services (2020)

President, Geography-Anthropology Student Association, University of Southern Maine (2010 – 2011)

**Attendance at Professional Meetings and Conferences**

 Borns Symposium, University of Maine/Climate Change Institute (2018 – 2020)

Canadian Archaeological Association Annual Meeting (2021)

Eastern States Archaeological Federation Annual Meeting (2018 – 2021)

 Maine Archaeological Society Annual Meeting (2011, 2018, 2020 – 2021)

 Maine Land Trust Network Annual Meeting (2013 – 2017)

Society for American Archaeology Annual Meeting (2011, 2012, 2020)

**Professional Memberships (Current)**

American Association for the Advancement of Science

Canadian Archaeological Association

Eastern States Archaeological Federation

Maine Archaeological Society

Society for American Archaeology

World Archaeological Congress

**References**

Bonnie D. Newsom, Associate Professor of Anthropology, University of Maine

 207.581.2174, bonnie.newsom@maine.edu

Eric Chapman, Director of College Success Programs, University of Maine

 207.581.2318, echapman@maine.edu

Gretchen Faulkner, Director of the Hudson Museum, University of Maine

207.581.1904, gretchen.faulkner@maine.edu

Robert Ball, Project Manager, LandVest Real Estate Consulting Group

 207.560.3820, rball@landvest.com