

# Résumés – Merrymeeting Bay Pioneer Project

## *Project Members*

### **Bruce J. Bourque – Director**

---

- Chief Archaeologist, Maine State Museum, emeritus
- Senior Lecturer in Anthropology, Bates College, emeritus

#### **Education**

- Harvard University, 1971, Ph.D. (Anthropology)
- University of Colorado, 1967, M.A. (Anthropology)
- University of Massachusetts, 1965, B.A. (Anthropology)

#### **Professional Activities**

- Director, Fox Islands Archaeological Project (1970 - 2001): Basic goals of the project included the reconstruction of prehistoric cultural and environmental history of the Penobscot Bay region.
- Director, Merrymeeting Bay Archaeological Project (1975-2015): Basic goals were to assess the impact upon prehistoric human populations of sea level rise, including extensive investigations at eight large archaeological sites spanning most of the Holocene. (See Bourque, et al. 2002).

#### **Relevant Publications**

- 2012 Bruce J. Bourque. The Swordfish Hunters: The History and Ecology of an Ancient American Sea People. Bunker Hill Publishing, Piermont, NH.
- 2006 Lotze, Hieke K, Hunter S. Lenihan, Bruce J. Bourque, Roger Bradbury, Richard G. Cooke, Matthew C. Kay, Susan M. Kidwell, Michael X. Kirby, Charles S. Petersen and Jeremy B. Jackson. Depletion, Degradation, and Recovery Potential of Estuaries and Coastal Seas. Science 312, No 5781:1806-1809.
- 2006 Bourque, Bruce J., Steven L. Cox and Robert A. Lewis. The Archaic Period of the Merrymeeting Bay Region, South Central Maine. The Archaic of the Northeast. University of Maine Press, Orono, pp. 307-342.
- 2001 Jackson, J., M. Kirby, W. Berger, K Bjorndahl, L. Botford, B. J. Bourque, R. Bradbury, R. Cooke, J. Erlandson, J. Estes, T. Hughes, S. Kidwell, C. Lange, H. Lenihan, J. Pandolfi, C. Peterson, R. Steneck, M. Tegner, R. Warner. "Historical Overfishing and the Recent Collapse of Coastal Ecosystems." Science 293:629-638.

### **Fred Koerber**

---

Frederick Koerber is a senior educator in Brunswick. He is also an experienced avocational archaeologist. He organized the excavation of the Robert Jordan house (1639-1675) in Brunswick, using crews composed mainly of high school students. Fred has also been involved in excavations at the William Woodside site, the James/Mathew Thornton site, and the Pejepscot Proprietors' Maquoit House (a fortified garrison.)

## **Chris Gutscher**

---

Chris has lived and worked around Merrymeeting Bay for the past 47 years. He built his home on its shore and has explored every one of its navigable water ways. He has worked on historic and prehistoric excavations around Merrymeeting Bay and has done primary research on Merrymeeting Park, the Humphreys Shipyard, and other historic sites in the area.

He has helped obtain support for publications and videos as well as funding for a Maine Historic Preservation Phase One Survey, which may lead to National Historic Register status for the shipyard site. He is a long-standing member of Friends of Merrymeeting Bay and several historical societies and has participated in various related presentations and events.

## ***Project Consultants***

### **Alan R. Bowes**

---

#### **Education**

- Ph.D. Anthropology (Archaeology), University of Utah, 1998; Dissertation: The Process of Nabataean Sedentarization
- M.Ed. Educational Systems and Learning Resources, University of Utah, 1975
- B.A. Mass Communication, University of Utah, 1972

#### **Experience Profile**

- Contract archaeology in Utah. Supervised prehistoric and historic surveys, researched historic mining properties, created historical preservation plans, etc.
- Multiple seasons of field work at the Nabataean city of Petra in Jordan under Dr. Philip Hammond, including supervisory-level field school work at Petra while working on the excavation of the Temple of the Winged Lions.
- College-level teaching experience. Associate Professor of Communications at Westminster College, Salt Lake City. Also taught college course on researching historic properties.
- Volunteer archaeology work in Maine on multiple sites over the past six years.
- Ongoing research interests include the Colonial and Federal Periods, with emphasis on technology, architectural styles, construction methods and materials, and transport.
- Technical and Freelance Writing: Wrote many computer hardware and software user manuals. Published numerous technical articles on topics including historic home preservation and restoration, antique automotive restoration, photography fundamentals, alcoholism issues and education, travel guides, tools and technology, etc.
- Graphics and Related Topics: Taught college courses in graphic design, web design, writing for the web, digital imaging, photojournalism, basic/advanced/studio photography, cinematography. Experience developing curriculum materials in many different formats. Station manager for a community radio station in Utah.
- Remote sensing (LiDAR, magnetometry, soil resistivity, etc.), GIS software and databases, material conservation, equipment operation, mechanical skills, etc.

## **Paula Work**

---

Dr. Work is the Maine State Museum Registrar and Curator of Natural History. Paula's areas of expertise include geology, archaeology, and biology. Her research focuses upon the history of ecosystems. She will consult with environmental scientists and educators regarding strategies for initiating new research into past environmental conditions in the bay.

More information coming soon for Dr. Work.

## **Eileen Johnson**

---

Lecturer in Environmental Studies, Program Manager, Bowdoin College.

More information coming soon for Dr. Johnson.

## **Jon Lichter**

---

Professor of Biology and Environmental Studies Emeritus, Bowdoin College.

More information coming soon for Dr. Lichter.