

**BRUCE JOSEPH BOURQUE**

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Chief Archaeologist &  
Curator of Ethnography  
Maine State Museum  
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Lecturer  
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**Academic Training:**

Harvard University, 1971, Ph.D. (Anthropology)

University of Colorado, 1967, M.A. (Anthropology)

University of Massachusetts, 1965, B.A. (Anthropology)

**Professional Affiliation:**

1983-1995 American Anthropological Association

1983-1995 Society for American Archaeology

1983-1995 Canadian Archaeological Association

**Recent Professional Activities:**

Chief Archaeologist and Curator of Ethnography at the Maine State Museum since 1972.

Director, Fox Islands Archaeological Project (1970 - present): The project evolved from Ph.D. dissertation research completed in 1969. Its basic goals include the reconstruction of prehistoric cultural and environmental history of the Penobscot Bay region. Since 1971, the project has completed a comprehensive survey of over 200 prehistoric archaeological sites on and around these islands. Excavations have been carried out at 35 sites. Between 1971 and 1980, attention focused upon the Turner Farm site, a 5,000-year-old stratified shell midden on North Haven Island, now listed on the National Register of Historic Places. This research was the subject of Bourque 1995. (See Bourque 1995b.)

Participant in a marine ecology research group at the National Center for Ecological Analysis and Synthesis, University of California at Santa Barbara looking into the historic impact of human exploitation of marine ecosystems. (See Jackson, et al. 2001.)

Director, Merrymeeting Bay Archaeological Project (1975-present): The project involved Bates college students in research on the rich archaeological resources of this area. Research goals include assessing the impact upon prehistoric human populations of sea level rise in this complex estuarine system. To date, extensive investigations have been conducted at seven large archaeological sites that span most of the Holocene. A preliminary report on this research (Bourque, Cox, and Lewis 2002) is in press.

Curator for a long term 6,000 sq ft exhibit titled "12,000 Years in Maine", which opened at the Maine State Museum in May, 1991. The exhibit covers Native cultures of the Maine region from the end of the Pleistocene to the nineteenth century. Planning for the exhibit began in 1978 and was supported by two grants from the National

Endowment for the Humanities. My sole responsibilities included: grant applications; concept design; extensive archaeological, ethnographic, and paleontological collections acquisition; label copy development and editing; direction of graphic design; and supervision of object and label installation. A book with the same title and scope is currently in press.

Ethnohistory of northeastern North America: This research began in 1980 and has evolved into a comprehensive examination of 16th- to 19th-century archival and other primary historic documents pertaining to Indians of northern New England and adjacent Canadian provinces. Collections consulted extensively include *les Archives de France* and *Bibliothèque Nationale* (Paris), the Public Record Office (England), British Library and Bodleian Library (England), the Public Archives of Canada (Ottawa), *les Archives National de Québec* (Quebec), as well as major collections and libraries throughout the United States. Goals of the research have been to understand Native economic, cultural and ethnic change in the context of French - English colonial rivalry and subsequently in the face of Anglo-North American dominance.

Ethnographic collection development and management: Begun in 1978 in order to build a regional ethnographic collection for the Maine State Museum, these activities have led me to visit most important museum collections in the United States, Canada, Great Britain and France. They also led to my service as a consultant (for the Northeast) during the reconstruction of the North American Hall at the Peabody Museum, Harvard University, which opened in 1989, and the exhibit "Across Borders: Beadwork in Iroquois Life", a current traveling exhibit developed by a consortium headed by the McCord Museum, Montreal. Since 1997 I have expended over \$80,000 to purchase ethnographic items, many of which will be included in an upcoming exhibit at the Maine State Museum titled "Uncommon Threads: Textiles, Clothing and Costume of the Maritime Peninsula."

Consultant and advisor for films titled "Secrets of the Lost Red Paint People" (*Nova*, Public Broadcasting System, 1987), "Making a Living in Maine - 4000 B.P. (*Pictures of Record*, 1992), "Gillian's Tale" (Lara Classics, 1994), and "The Norse in America" for *Nova* (Public Broadcasting System, 1995); three programs dealing with Maine archaeology for "Quest" (Maine PBS, 1998) and three (2003) dealing with Maine history (Maine Public Broadcasting, 2003-4). Current Consultatant (1992) for development of a Maine history time line for the Maine PBS web site.

### **Other Professional Experience:**

Archaeological research on the northern Labrador coast with a Smithsonian Institution expedition in 1989. The goal of the expedition, in part, was to explore the nature of close cultural ties between the Gulf of Maine and Labrador during certain periods of prehistory.

Initiating, in 1979, an ongoing Maine State Museum program of archaeological research at the Goddard site, Brooklin, Maine. In 1978 this rich prehistoric site produced a coin identified as an eleventh-century Norse penny. Our research was designed to evaluate the possibility that the Norse had visited the site. We have concluded that they probably did not, but research on the Native components at the site is ongoing.

Director, archaeological research on Deer Isle, Maine for Dr. W. A. Ritchie of the New York State Museum in 1968.

Research Assistant to Dr. W. A. Ritchie, of the New York State Museum, in the state of New York and on Martha's Vineyard, Massachusetts in 1966 and 1967.

Research Assistant to Dr. Richard Daugherty of Washington State University at Marmes Rock Shelter and at an historic Nez Pierce site in 1964.

### **Teaching Experience:**

1973-present: Bates College: Senior Lecturer in Anthropology, courses in archaeology, physical anthropology, ethnohistory.

1970-1971: Skidmore College: Assistant Professor of Anthropology.

### **Grants and Contracts:**

2003: National Endowment for the Humanities, \$40,000 and Davis Family Foundation, \$20,000 for research and design of an exhibit titled "Uncommon Threads: Native Textiles, Clothing and Costume of the Maritime Peninsula."

1994: National Park Service: \$55,600 to a consortium of four museums, including the Maine State Museum, for collections inventory and negotiations with Maine's federally-recognized tribes in regard to compliance with the Native Americans Grave Protection and Repatriation Act.

1993: \*Survey and Mapping Consultants, Inc: \$70,000 for archaeological survey and excavation in central Maine.

1992: Maine Historic Preservation Commission, \$6,000 for archaeological research in Penobscot Bay.

1992: Libra Foundation: \$25,000 for publication of a book on Maine Archaeology (Bourque n. d. a) \*Survey and Mapping Consultants, Inc., \$5,500 for archaeological survey in eastern Maine. \*Kimball Chase Company, Inc., \$5,000 for archaeological survey in Brunswick, Maine.

1991: \*DeLuca-Hoffman Associates, Inc: \$21,000 for excavation of a prehistoric ceremonial site in Brunswick, Maine.

1990: Maine Historic Preservation Commission: \$1,700 for archaeological research on Vinalhaven Island.

1989: Private donation: \$15,000 for publication of research on the Turner Farm site, North Haven, Maine (Bourque 1995).

1988: Maine Historic Preservation Commission, \$7,000 for archaeological research in Manchester, Maine.

1988: \*Klineschmidt and Dutting, Inc: \$10,000 for archaeological research at Big Lake, Washington Co., Maine.

1987: \*Natural Resources Consulting Services, Inc: \$20,000 for archaeological research on the Little Androscoggin River, Auburn, Maine.

### **Personal Contracts for Anthropological Services:**

1988: Maine Humanities Council: Project consultant for "The Land of Norumbega: Maine in the Age of Exploration and Settlement."

1985: Peabody Museum, Harvard University: Consultant for redesign of The Hall of the North American Indian, Northeastern region.

1978: Harvard University and U.S. Dept. of the Interior, Bureau of Land Management: Assessment of cultural resources (shipwrecks) on the Atlantic coastal shelf.

### **Publications:**

- 2002: Bourque, Bruce J. "Maine Shell Midden Archaeology (1860-1910) and the Influence of Adolphe von Morlot." In: David L. Browman and Stephen Williams, eds. New Perspectives on the Origins of Americanist Archaeology, pp.148-163. Tuscaloosa: University of Alabama Press.
- 2001: Jackson, J., M. Kirby, W. Berger, K Bjorndahl, L. Botford, **B. 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.
- 2001: Bourque, B. J. Twelve Thousand Years: American Indians in Maine. Lincoln, University of Nebraska Press.
- 1995a: Bourque, B. J. Impacts of Rising Sea Level on Prehistoric Human Occupation of the Central Maine Coast. Field guide to the 1995 New England Intercollegiate Geologic Conference, October 1995, Bowdoin College, Brunswick.
- 1995b: Bourque, B. J. Diversity and Complexity in Prehistoric Maritime Societies: A Gulf of Maine Perspective. New York, Plenum Press. (*Choice* list of outstanding academic books of 1995)
- 1995c: Bourque, B. J. "Prehistoric Indians of Maine." In R. W. Judd, E. A. Churchill, and J. W. Eastman, eds., Maine: the Pine tree State from Prehistory to the Present, pp. 12-30. Orono, University of Maine Press.
- 1994: Bourque, B. J. and R. H. Whitehead. "Trade and Alliances in the Contact Period." In E. W. Baker, E. A. Churchill, R. S. D'Abate, K. Jones, V. A. Konrad, and H. E. Prins, eds. American Beginnings: Exploration, Culture, and Cartography in the Land of Norumbega, pp.131-147. Lincoln, University of Nebraska Press.
- 1994: Bourque, B. J. and H. W. Krueger. "Dietary Reconstruction from Human Bone Isotopes for Five New England Coastal Populations." In Sobolik, K. D., ed., pp. 195-209. Paleonutrition: The Diet and Health of Prehistoric Americans, Southern Illinois University Center for Archaeological Investigations.
- 1994: Bourque, B. J. "Evidence for Prehistoric Exchange on the Maritime Peninsula." In, J. E. Ericson and T.G. Baugh, eds., Prehistoric Exchange Systems in North America, pp. 23-46. New York, Plenum Press.
- 1989: Bourque, B. J. "Ethnicity on the Maritime Peninsula: 1600-1759." Ethnohistory, vol. 36, no.3:257-284
- 1987: Prins, H. and B. J. Bourque. "Norridgewock: Village Translocation on the New England - Acadian Frontier" Man in the Northeast, no. 33:137-158.
- 1986: Belknap, D. F., D. C. Kellogg, B. J. Bourque, and S. L. Cox. "Paleogeographic Reconstructions at three Coastal Archaeological Sites in Maine from Seismic Profiling and Vibracoring." SEPM Annual Midyear Management Abstracts, vol. 3:8.
- 1985: Bourque, B. J. and R. H. Whitehead. "Tarrentines and the Introduction of European Trade Goods in the Gulf of Maine." Ethnohistory, vol. 34, no. 4:327-341. (Republished in American Beginnings: Exploration, Culture and Cartography in the Land of Norumbega, University of Nebraska Press, in press.)
- 1984: Bourque, B. J., R. Doyle and S. White. "The Archaeological Distribution of Banded Spherulitic Rhyolite in Maine." Man in the Northeast, no. 28:111-120.
- 1983: B. J. Bourque. "The Turner Farm Archaeological Project." National Geographic Society Reports, vol. 15: 59-65.
- 1983: Spiess, A. E., B. J. Bourque and S. Cox. "Cultural Complexity in Maritime Cultures: Evidence from Penobscot Bay, Maine." In The Evolution of Maritime Cultures on the Northeast and Northwest Coasts of America, R. J. Nash, ed. pub. no. 11, Dept. of Archaeology, Simon Fraser University:91-108.

- 1983: Spiess, A. E., B. J. Bourque and R. M. Gramly. "Early and Middle Archaic Site Distribution in Western Maine." North American Archaeologist, vol. 4, no. 3:225-244.
- 1983: R. Bonnichsen, B. J. Bourque and D. Young. "The Moosehorn Fluted Point Discovery, Northern Maine." Archaeology of Eastern North America, vol. 11:36-48.
- 1982: Review of Foundations of Northeast Archaeology. D. R. Snow, ed. Science, vol. 216:726-727.
- 1981: Bourque, B. J. and S. Cox. "Excavations at the Goddard Site, Brooklin, Maine: a Preliminary Report." Man in the Northeast, no. 22:3-28.
- 1980: Bourque, B. J., et al. "Conservation in Archaeology, Moving Toward Closer Cooperation." American Antiquity, vol. 45, no. 4:794-798.
- 1979: Bourque, B. J., Chief compiler, Summary and Analysis of Cultural Resources Information on the Continental Shelf from the Bay of Fundy to Cape Hatteras, Final Report, Vol. III, Historic Shipping. Prepared for the Bureau of Land Management, Contract #AA 551-CT8-18. Institute for Conservation Archaeology, Harvard University, Cambridge, Massachusetts.
- 1978: Bourque, B. J., K. Morris and A. Spiess, "Determining the Season of Death of Mammal Teeth from Archaeological Sites: A New Sectioning Technique." Science, vol. 199:530-531.
- 1977: "Fishing in the Gulf of Maine: a 5,000 Year History." In The Gulf of Maine, G. Lawless, ed. Brunswick, Me., Blackberry Press.
- 1976: "The Turner Farm Site: A Preliminary Report." Man in the Northeast, no. 11:21-30.
- 1975: "Comments on the Late Archaic Populations of Central Maine: The View from the Turner Farm." Arctic Anthropology, vol. 2, no. 2:35-45.
- 1973: "Aboriginal Settlement and Subsistence on the Maine Coast." Man in the Northeast, no. 4:3-20.
- 1971: Prehistory of the Central Maine Coast. Ph.D. dissertation for the Department of Anthropology, Harvard University. (Published in 1992 in the series Evolution of the North American Indians, edited by D. H. Thomas. Garland Publishing, Inc., New York)

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### **Recent Papers:**

- 2000: "Gaps in the Record: What Radiocarbon Dates Can Tell us about Continuity in the Archaeological Record of the Maritime Peninsula." Paper read at the annual conference of the Canadian Archaeological Association, Ottawa, Ontario, 25-27 May.
- 1998: "The Wabanaki Confederacy: a Brief History." Paper read at the Algonquian Conference, Burlington, Massachusetts, 5-7 November.
- 1996: "Prehistoric Responses to Changes in the Gulf of Maine", with oceanographers D. F. Belknap and D. Schnitker. Poster session at Gulf of Maine Ecosystem Dynamics: a Symposium and Workshop, 16-20 September, 1996, St. Andrews, New Brunswick.

1993: "The Place of the Moorehead Phase in Northeastern Prehistory." Invited paper read at the Elders Conference on the History of Archaeology in the Eastern Arctic, Dartmouth College, Hanover, New Hampshire, 29 April-1 May, 1993.

1993: "Changing Ethnicity on the Maine - Acadian Frontier." Invited paper read at a Maine Historical Society symposium titled "Maine in the Eighteenth Century" funded by the Maine Humanities Council.

1991: Bourque, B. J. and H. W. Krueger, "Dietary Reconstruction of Prehistoric Maritime Peoples of Northeastern North America: Faunal vs. Stable Isotope Approaches. Canadian Archaeological Association, Annual Meeting, St. John's, Newfoundland, 8-11 May.

1989: Bourque, B. J. and H. W. Krueger. "Dietary Assessment from Prehistoric Bone from the Central Maine Coast." First Joint Archaeological Congress, 5-9 January, 1990, Baltimore, MD.

1986: "Trade and Alliance: The Gulf of Maine at the Contact Period Boundary." Invited paper read at the Annual Meeting of the American Anthropological Association, Washington D.C., November, 1985. (A modified version was read at the World Archaeological Conference, Southampton, England. 1-6 September, 1986.

### **In Preparation:**

n. d. a Indbiog (provisional title): a database of biographic data on Indians of the Maritime Peninsula between 1600-1860. Included are over 30,000 entries pertaining to about 20,000 individuals dated between 1600 and 1860.

n. d. b Native Peoples of Maine from First Contact to Statehood. With historian E. Churchill.

### **Recent Invited Lectures:**

2003: Native Americans of Maine and the Kennebec Valley. Senior College/UMA Series on the Kennebec, University of Maine at Augusta, 9 May, 2003.

1997: An Ethnohistoric Perspective on the Wabanaki Confederacy. North by Northeast, an international conference on Maine and the maritime provinces held at St. Mary's University, Halifax, N. S., 8-12 October, 1997.

1994: "The History of the Gulf of Maine: an Archaeological perspective." Changes and Threats to the Gulf of Maine, an international conference sponsored by the Bicentennial Environment Institute, Bowdoin College.

1992: "Reconstructing Prehistoric Diets among Maritime Peoples: A Comparison of Conventional and Isotopic Techniques (with Harold Krueger, Krueger Enterprises, Cambridge, MA). Graduate Seminar, Department of Anthropology, Harvard University.

1992: "Maine Indians in the Age of Discovery: the Struggle for Self Determination." 1492-1992: The "Rediscovery" of the Americas, Bates College Quincentenary Lecture Series.

### **References:**

Dr. William W. Fitzhugh, director, Center for Arctic Studies, Smithsonian Institution  
Washington, D.C. 20013

Prof. Steven Williams, emeritus, Dept. of Anthropology, Harvard University, 1017 Foothills Trail, Santa Fe, New Mexico 87505

Paul E. Rivard, (former director of the Maine State Museum), Museum of American Textile History, 800  
Massachusetts Avenue, North Andover, Massachusetts 14845