**Gerald F. Bigelow**

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Education: Columbia University, Anthropology, B.A. 1976

 Cambridge University, Archaeology, Ph.D. 1984

Positions Held:

1981-1982 Instructor ; Department of Anthropology, Hunter College, City University of New York,

 New York

1983-84 Adjunct Lecturer; Department of Anthropology, Hunter College, City University of New York, New York

1986-1987 Laboratory Director; Research Division, Rochester Museum and Science Center, Rochester, New York

1987-1995 Curator/Registrar; The Peary-MacMillan Arctic Museum and Arctic Studies Center, Bowdoin College, Brunswick, Maine

1993 Fulbright Lecturer in Anthropology, Faculty of Social Science, University of Iceland, Reykjavík, Iceland

1993-2000 Adjunct Assistant Professor of Anthropology, Department of Geography-Anthropology, University of Southern Maine, Gorham, Maine

2001-2004 Assistant Professor of Anthropology (ft replacement), Department of Geography- Anthropology, University of Southern Maine

2005-present Adjunct Assistant Professor of Anthropology, Department of Geography-Anthropology, University of Southern Maine, Gorham, Maine

2010-present Visiting Associate Professor of History, Department of History, Bates College, Lewiston, Maine

Five Most Relevant Publications:

—. 2005 G.F. Bigelow, S. Ferrante, S. T. Hall, L. M. Kimball, R.E. Proctor and S.L. Remington. “Researching catastrophic environmental changes on northern coastlines: a geoarchaeological case study from the Shetland Islands”. *Arctic Anthropology* 42:88-103

—. 2007 G.F. Bigelow, M. Jones and M. Retelle. “The Little Ice Age, blowing sand and a lost township.” *The New Shetlander* 240:6-12

—. 1988 McGovern, T. H., G. F. Bigelow, T. Amorosi, and D. Russell. 1988. “Northern islands, human error, and environmental degradation: a view of social and ecological change in the medieval North Atlantic.” *Human Ecology* 16:225-270.

—. 1992. "Issues and prospects in Shetland Norse archaeology," in *Norse and later settlement and subsistence in the North Atlantic*. Edited by C. D. Morris and D. J. Rackham, pp. 9-32. Glasgow: University of Glasgow.

—. 1991 Editor; *The Norse of the North Atlantic*. 27 papers, 291 pp. Acta Archaeologica 61 (1990)..

Other Publications:

\_\_. 1985 “Sandwick, Unst, and Late Norse Shetland economy,” in Shetland Archaeology: New Work in Shetland in the 1970s. Edited by Brian Smith, pp.95-127. Lerwick, Shetland: The Shetland Times.

—. 1987. Domestic architecture in medieval Shetland. *Review of Scottish Culture* 3:23-38.

—. 1989. "Life in medieval Shetland: an archaeological perspective," in *Nordatlantisk arkaeologi: vikingetid of middelalder*, *hikuin*. Edited by K. M. Christensen and V. O. Vilhjálmsson, pp. 183-193. Aarhus, Denmark: Aarhus University.

—. 1993. "Archaeological and ethnohistoric evidence of a Norse island food custom," in *The Viking Age in Caithness, Orkney and the North Atlantic*. Edited by C. E. Batey, J. Jesch, and C. D. Morris, pp. 441-453. Edinburgh: Edinburgh University Press.

\_\_. 2003. "Viking Orkney and Shetland." In *Ancient Europe 8000 B.C. – A.D. 1000: Encyclopedia of the Barbarian World*. Edited by P. Bogucki & Pam Crabtree, 445-450. New York: Charles Scribner's Sons Reference Books..

Synergistic Activities:

Organized the first multi-disciplinary conference that led to the formation of the North Atlantic Biocultural Organization (NABO), which is today a large organization of scholars cooperating in research and educational activities in the historical ecology, archaeology, ethnology and history of the North Atlantic megaregion. Edited the conference proceedings.

Provided key consultative services in the development of the new interdisciplinary and international *Journal of the North Atlantic*, a publication with a 38 person board of editors from Norway, Denmark, Sweden, Greenland, Iceland, Canada, the Faroe and Shetland Islands, Germany, England, Scotland, Wales, Northern Ireland, and the US; Bigelow currently serves at the North American Senior Editor.

Pioneered the use of various methodologies for the recovery and analysis of archaeological fish bones in northern locations

Developed a Shetland Islands field archaeology and environmental science course which has resulted in the participation of 48 undergraduate and graduate students in northern field research. Activities included collaborative work with British faculty and students from the University of Bradford, the Shetland College, and the Research Laboratory for Archaeology and the History of Art, Oxford University, UK.

Taught the first courses in anthropological archaeology at the University of Iceland, Reykavík, where there is now an extensive program of cooperative research and education among US and Icelandic scholars

Scientific Collaborators of the last 48 months:

Dr. Michael Jones, Department of History, Bates College

Dr. Michael Retelle, Department of Geology, Bates College

Dr. Beverley Johnson, Department of Geology, Bates College

Dr. William Ambrose, Department of Biology, Bates College

Dr. Matthew Bampton, Department of Geography-Anthropology, University of Southern Maine

Dr. Ian Simpson, School of Biological Sciences, University of Stirling

Dr. Andrew Dugmore, School of Geosciences, University of Edinburgh

Dr. Joseph Kelley, Climate Change Institute, University of Maine

Alice Kelley, Climate Change Institute, University of Maine

Dr. Julie Bond, Archaeological Sciences, AGES, University of Bradford

Steven Dockrill, Archaeological Sciences, AGES, University of Bradford

Dr. Sophia Perdikaris, Department of Anthropology, Brooklyn College, CUNY

Dr. Colin Amundsen

Robert Proctor, Department of Geography-Anthropology, University of Southern Maine

Dr. Jean-Luc Schwenninger, Luminescence Laboratory, RLAHA, University of Oxford

Dr. Michael Retelle, Department of Geology, Bates College

Val Turner, Shetland Archaeologist, Shetland Amenity Trust