

Biographical Sketch, Principal Investigator

Jay K. Johnson

Professor of Anthropology and Director of the Center for Archaeological Research

University of Mississippi

University, MS 38677

662-915-7339 Phone, 662-915-7129 Fax, sajay@olemiss.edu

Professional Preparation

Florida State University

Anthropology

B.A. 1969

Southern Illinois University, Carbondale

Anthropology

Ph.D. 1976

Appointments

Professor of Anthropology and Director of the Center for Archaeological Research, University of Mississippi, July 2001-Present.

Professor of Anthropology and Associate Director of the Center for Archaeological Research, University of Mississippi, July 1988-Present.

Associate Professor of Anthropology and Associate Director of the Center for Archaeological Research, University of Mississippi, July 1983-July 1988.

Assistant Professor of Anthropology, University of Mississippi, July 1977-February 1981.

Publications which report on GIS or remote sensing research

2003 Remote Sensing Technologies in Cultural Resource Management Archaeology (with Bryan S. Haley). In *Proceedings of SPIE Vol. 4881 Sensors, Systems, and Next-Generation Satellites VI*, edited by Hiroyuki Fujisada, Joan B. Lurie, Michelle L. Aten, and Konradin Weber, pp. 648-659. SPIE, Bellingham, Washington.

1997 Chieftdom to tribe in northeast Mississippi: A culture in transition. In *Historiography of the Hernando de Soto Expedition*, edited by Patricia K. Galloway, pp. 295-312. University of Nebraska Press, Norman.

1996 Delta digitizing: GIS and remote sensing in northwest Mississippi. In *New Methods, Old Problems: Geographic Information Systems in Modern Archaeological Research*, edited by Herbert D.G. Maschner, pp. 242-251. Center for Archaeological Investigations, S.I.U., Occasional Paper No. 23.

1991 Settlement patterns, GIS, remote sensing and the late prehistory of the Black Prairie in east central Mississippi. In *Applications of Space-Age Technology in Anthropology*, edited by Cliff Behrens and Tom Sever, pp. 111-119. NASA, Science and Technology Laboratory, John C. Stennis Space Center, Mississippi.

1991 Aboriginal settlement and first contact in northeast Mississippi. *National Geographic Research and Exploration* 7(4):492-494.

Johnson, Jay K., Tom L. Sever, Scott L. H. Madry and Harry T. Hoff
1988 Remote sensing and GIS analysis in large scale survey design in north Mississippi.
Southeastern Archaeology 7(2):124-131.

Other significant publications

2002 One Hundred Years of Archaeology in Mississippi. In *Histories of Southeastern Archaeology*, edited by Jane Hill, Shannon Tushingham, and Charles McNutt, pp. 183-193. University of Alabama Press, Tuscaloosa.

2000 The Chickasaws. In *Indians of the Greater Southeast: Historical Archaeology and Ethnohistory*, edited by Bonnie G. McEwan, pp. 85-121. University Press of Florida, Gainesville.

Saunders, Joe, Rolfe D. Mandel, Roger T. Saucier, E. Thurman Allen, C.T. Hallmark, Jay K. Johnson, Edwin H. Jackson, Charles M. Allen, Gary L. Stringer, Douglas S. Frink, James K. Feathers, Stephen Williams, Kristen J. Gremillion, Malcolm F. Vidrine, and Recca Jones
1997 A 5400-5000 B.P. mound complex in Louisiana. *Science* 277(5333):1796-1799.

1997 Stone tools, politics, and the eighteenth century Chickasaw in northeast Mississippi.
American Antiquity 62(2):215-230.

1993 *The Development of Southeastern Archaeology*, (edited book). University of Alabama Press, Tuscaloosa.

Johnson, Jay K., and Carol A. Morrow, editors
1987 *The Organization of Core Technology*. Westview Press, Boulder.

Synergistic Activities

I organized a workshop on remote sensing applications in archaeology for administrators that was held at the annual meeting of the Southeastern Archaeological Conference in October of 2002. As a follow up, I brought together the instructors for this workshop to work on manuscript versions of their presentations. These manuscripts are being revised and will be brought together to form a volume on remote sensing and archaeology which I am editing.