

DANIEL J. O'ROURKE

Ecological and Geographical Sciences Section
Environmental Science Division
Argonne National Laboratory

Education:

M.S. Michigan Technological University, Industrial Archaeology, 1997
B.A. Michigan State University, History and Anthropology, 1991

Professional Experience:

1998-Present Assistant Environmental Scientist
Environmental Science Division
Argonne National Laboratory

Support cultural resource technical work within the Environmental Science Division through data collection, analysis, and interpretation and the preparation of written reports. Duties include developing/synthesizing historic contexts and assessing project impacts for environmental assessments (EAs) and environmental impact statements (EISs), preparing historical building evaluations and documentation reports, conducting archaeological surveys, and collecting data (e.g., through literature searches or field collection). Past projects include the Trans Alaskan Pipeline System right-of-way renewal EIS, the Imperial-Mexicali transmission line EIS, and the BLM Wind Energy Programmatic EIS. Co-author of numerous EAs for DOE and DOD facilities. Identify and manage cultural resources on ANL site through archaeological survey, historic building evaluations, and development of cultural resource management plans. Support DOE and DOD cultural resource programs by compiling mitigation documentations for historic facilities (including nuclear facilities). Team member for USAF environmental compliance assessment.

Summary of Previous Experience:

2000-2001 Department of Anthropology, University of Illinois at Chicago

Served as Project Director for the Public Service Archaeology Program. Responsibilities involved the compiling of historical documentation for three buildings at the University of Chicago, the documentation and examination of the Ferris Wheel Foundation from the Chicago World's Fair which was unearthed in 2000, and the archaeological assessment of the Pullman Water Tower Foundation for the University of Chicago. Duties included development of a research strategy, documentation of the remains, historical research, interviews, report preparation, and consultation with the State Historic Preservation Office (SHPO).

1999-2000 Commonwealth Cultural Resource Group, Jackson, MI

Directed and conducted archaeological surveys for the USDA Forest Service on the Ottawa National Forest and the Chequamegon National Forest. Duties included extensive field reconnaissance surveys, supervision of field personnel, documentation of all cultural resources observed, compilation of background historical information on survey areas, consultations with Forest Service personnel, and report preparation. Assisted in archaeological excavations and field reconnaissance surveys for several private clients.

Professional Activities:

Register of Professional Archaeologists (RPA)
Society for Historical Archaeology
Society for Industrial Archaeology

Research Interests:

Understanding the regional effects of industry on natural resources and population dynamics.
Exploring the role of the history of technology in the development of modern society and industrial practices.

Publications:

Author or co-author of 40+ technical reports and conference papers.