

## **BARNEY WILLIAM NASHOLD**

Applied Geosciences and Environmental Management Section  
Environmental Science Division  
Argonne National Laboratory

### **Education:**

M.A. University of Illinois (Chicago), Anthropology, 1977  
B.A. Cornell College, Biology, 1967

### **Professional Experience:**

1989-Present Senior Scientific Associate  
Environmental Science Division  
Argonne National Laboratory

Participate in a large number of environmental studies conducted by Argonne on behalf of sponsors including the U.S. Army, U.S. Navy, National Science Foundation, U.S. Department of Agriculture (USDA), Western Area Power Administration and the U.S. Department of Energy. Responsibilities have varied to include budgeting, contract management, co- project management, field supervision, interface with sponsors and regulators, field sampling, management and shipping, QA/QC, field health and safety, logistics, data reduction and analysis, and reporting.

### **Summary of Previous Experience:**

1974-1989 Various Organizations

Engaged primarily in Cultural Resources Management (CRM) activities of varying scope, duration and level of responsibility for universities, public agencies and private firms. CRM work included a one-year position with the Environmental Branch of the St. Louis District of the U.S. Army Corps of Engineers, Navy-sponsored work in the North Pacific and work at Argonne East. Diverse non-CRM activities included entomological survey (USDA) and the design and implementation of a lecture-tour (University of Chicago).

1969-1974 Chicago Board of Education

Full-time substitute teacher in Chicago.

1967-1968      Industrial Bio-Test, Northbrook, IL

Conducted microbiological studies on behalf of pharmaceutical and other private firms. Work included designing and conducting sterility and efficacy studies and basic research on aflatoxin.

**Research Interests:**

Use of near-surface soil analyses to predict subsurface contaminant distribution

Use of vegetation analyses to predict subsurface contaminant distribution

Problems pertaining to the representative sampling of soil and groundwater for volatile organic compound analysis

Problems pertaining to the remediation of sites contaminated with carbon tetrachloride

**Publications:**

Author or co-author of about 15 reports, commercial publications, and conference papers or presentations.