



Worker and Public Health Studies

When people are exposed to hazardous substances at work or in their communities, ORAU helps provide accurate, timely answers to health concerns. Combining more than 30 years of experience in occupational exposure research and established partnerships with leading universities and medical centers, we conduct health studies with the highest levels of quality and integrity.



Worker and Public Health Screenings

Whether you need a rapid health screening or an in-depth epidemiologic study, ORAU works with you to customize a solution to meet your needs and budget. Through our comprehensive approach, we provide support to collect, manage, interpret, analyze and publish public exposure and worker health data. Our team of experts includes:

- Epidemiologists
- Statisticians
- Technical writers
- Information and database managers
- Health communication specialists
- Public health professionals
- Health physicists

Occupational Illness and Injury Surveillance

Identifying groups of workers that may be at increased risk for occupational-related injury or illness facilitates rapid response to worker health concerns. ORAU can assess the overall health of your workforce, regardless of the number of sites and facilities. If the study indicates excessive risk, we work with you to decide if additional investigations are needed.



OAK RIDGE INSTITUTE FOR SCIENCE AND EDUCATION
Managed by ORAU for the U.S. Department of Energy



For more information:

865-576-3115
occ.health@orau.org
www.orau.org/occupational-exposure-worker-health-studies



For program information:

DOE National Supplemental Screening Program
866-812-6703

DOE Beryllium Vendors Medical Screening Program
866-219-3442

NIOSH Dose Reconstruction Project
800-322-0111

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Beryllium Exposure Studies and Testing

ORAU operates one of only four laboratories in the United States certified to perform the beryllium lymphocyte proliferation test, which determines if a person has developed a sensitization to beryllium. Our lab consistently achieves a near-zero-percent error rate in tests performed and is accredited by the College of American Pathologists. ORAU maintains a registry of beryllium test data for more than 28,000 current and former employees from 21 U.S. Department of Energy sites.

Research and Medical Database Management

ORAU combines medical study expertise with database design and epidemiologic information systems experience to help our customers conduct reliable studies, track results and analyze population trends. ORAU manages DOE's worker health data center, which aggregates data from five illness and injury databases and the Nuclear Regulatory Commission Radiation Exposure Information Reporting System. Together these systems contain millions of worker health records that are being used by medical professionals worldwide to ensure the continued health of workers in the nuclear, aerospace and defense fields.

Radiation Dose Reconstruction

ORAU's team of health physicists and radiation records specialists excels in analyzing worker and facility data to support dose reconstruction. When data isn't available for an unmonitored worker, we have developed statistical methods to analyze co-worker data to estimate doses to their unmonitored colleagues.



Customer Highlight: Toxic Exposure Hits Home

After the 2008 coal fly ash spill at its Kingston Fossil Plant, the Tennessee Valley Authority sought ORAU's expertise to manage public health concerns. We partnered with Vanderbilt Medical Center to conduct an independent medical screening program at no cost to the 214 area residents who chose to participate. An extensive outreach effort helped answer questions and calm fears, and the study found no immediate adverse health effects caused by the spill.

Working with ORAU

We have a variety of contract vehicles in place to make it easy to work with us, including GSA MOBIS and the DOE ORISE Work for Others program. Visit www.orau.org/contracts for details.

Key Customers

- Defense Threat Reduction Agency
- National Institute for Occupational Safety and Health
- U.S. Department of Energy
- U.S. Nuclear Regulatory Commission

