

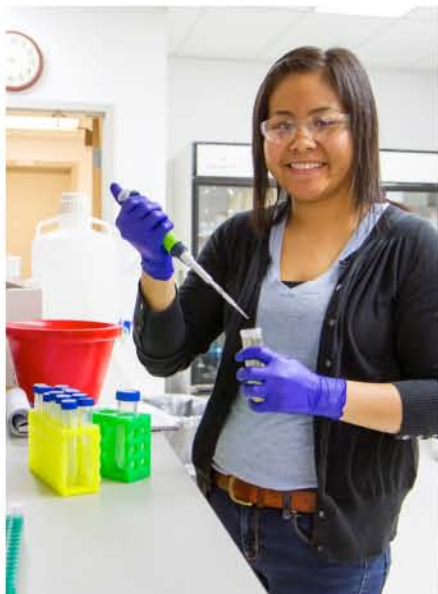


Integrated Capabilities across Science, Education, Security and Health

ORAU provides innovative scientific and technical solutions for the Department of Energy and other agencies to advance science, education and workforce development; strengthen national security; and protect health and the environment. We do this by integrating unique laboratory capabilities, specialized teams of experts and a consortium of more than 100 universities. We connect the right people and resources to get things done, and we put the full power of our organization behind every project—both large and small.

What We Do

- Science Education and Workforce Development
- Scientific and Technical Peer Review
- Worker and Public Health
- Health Communication
- Environmental Assessments and Health Physics
- National Security and Emergency Management



Science Education and Workforce Development

ORAU is a national leader in science, technology, engineering and mathematics (STEM) education with more than 65 years of experience implementing research-based education programs. We work with government and private sector organizations to administer internship, scholarship and fellowship programs, and we deliver programs for K-12 students, recent graduates and educators to develop future science and technology leaders. Services include:

- Workforce needs identification
- Program design and operation
- Recruitment
- K-12 STEM program development
- Assessment and evaluation



Scientific and Technical Peer Review

Peer review provides critical independent validation of the quality of research proposals and accuracy of scientific information. Trustworthy findings require a credible peer review process. ORAU manages all aspects of the peer review process to ensure timely and fair assessments for informed funding decisions. With expertise in reviews of all sizes and types, our team manages each detail to:

- Plan and manage peer reviews
- Identify qualified reviewers
- Provide online tools
- Coordinate workshops
- Evaluate results



Worker and Public Health

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 35 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. Our work includes:

- Worker and public health screenings
- Occupational illness and injury surveillance
- Beryllium exposure studies and testing
- Research and medical database management
- Radiation dose reconstruction
- Epidemiology training
- Health and safety training



Health Communication

Infectious and chronic disease, radiological terrorism, pollution, natural disasters – the threats to public health and safety are varied and complex. Working at the local, national and global levels, ORAU blends communications and technical training skills with public and environmental health expertise to develop communication programs that inform the public, equip health professionals and change behavior. Our capabilities include:

- Research and evaluation
- Health communication and marketing
- Technology applications
- Public health preparedness
- Health promotion and outreach



Environmental Assessments and Health Physics

ORAU helps protect workers, the public and the environment from potential radiological and chemical contamination by providing reviews and field surveys to assure that contaminated sites are appropriately cleaned up. Working independently from the cleanup contractors, ORAU ensures that necessary quality assurance procedures are in place and verifies whether the cleanup meets federal requirements. Services include:

- Independent verification
- Characterization surveys
- Radiochemical analysis
- Health physics services
- Health physics and radiation safety training
- Air quality research



National Security and Emergency Management

ORAU works with federal, state and local agencies to enhance emergency management planning and integrate their efforts to respond effectively to terrorism, natural disasters and other hazards. We also manage REAC/TS, a 24/7 U.S. Department of Energy response asset for radiation medical emergencies worldwide. Capabilities include:

- Emergency preparedness planning and response
- Radiation emergency medical support and training
- Policy development and implementation
- Exercise program design and management
- Emergency management training
- Forensic science support and training



For more information:

865-576-3000
www.orau.org



Customer Highlight: Supporting DOE's Mission Since 1946

As the managing contractor for the U.S. Department of Energy's Oak Ridge Institute for Science Education (ORISE), ORAU provides DOE with seamless access to expertise in science and education as well as environmental, health and emergency management.

Results include:

- More than 65,000 faculty and student research experiences
- Scientific peer reviews supporting more than \$1 billion annually in potential research awards
- High quality technical training and certification for thousands of DOE, contractor and grantee employees
- Decontamination verification at more than 500 sites in 42 states
- Health monitoring of more than 1.5 million energy workers
- Nuclear security support and training in more than 35 countries

Key Customers

U.S. Department of Energy
Centers for Disease Control and Prevention
National Institute for Occupational Safety and Health
Nuclear Regulatory Commission
Oak Ridge National Laboratory
U.S. Department of Homeland Security

Working with ORAU

We have a variety of contract vehicles in place to make it easy to work with us, including GSA schedules and the DOE Strategic Partnership Projects. For details, visit www.orau.org/contracts.

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