About ORISE

Oak Ridge Institute for Science and Education (ORISE) is a Federally Funded Research and Development Center for the U.S. Department of Energy (DOE) and is operated by Oak Ridge Associated Universities (ORAU) for DOE under a “Management and Operating” contract between ORAU and DOE. Under the provisions of the ORAU/DOE contract, ORISE developed a research participation program to permit members of the academic community to be assigned to DOE facilities to participate in the research and development (R&D) work funded by DOE. The purpose of the RPP is to permit members of the academic community to have “hands-on” experience in participating in R&D activities.

ORISE Maryland

Oak Ridge Institute for Science and Education Research Participation Program in Maryland (ORISE Maryland) provides opportunities for members of the academic community to participate in DOD (Department of Defense) programs, projects, and activities worldwide. Current US military approved facilities include the following: US Army Environmental Center (USAEC), US Army Center for Health Promotion and Preventive Medicine (USACHPPM), US Army Medical Research Institute for Chemical Defense (USAMRCD), Edgewood Chemical and Biological Center (ECBC), US Army Medical Research and Materiel Command (USAMRMC), US Army Research Laboratory (USARL), Air Force Research Laboratory (AFRL), Air Force Institute for Operational Health (AFIOH), Department of Defense POW/MISSING Personnel Office (DPMO), Joint POW/MIA Accounting Command/Central Identification Laboratory (JPAC/CIL) Naval Health Research Center Detachment-Environmental Health Effects Laboratory (NHRC), Red River Army Depot LAND Management Branch (RRAD), US Army Cold Regions Research Laboratory (CRREL), US Army Construction Engineering Research Laboratory (USACE/CERL), US Army Corps of Engineers-St. Louis District (USA/CE). Opportunities exist for Faculty, Postdoc Fellows, Pre-doc Students, and High School, Bachelor, Master, students and recent graduates. Degree disciplines include Neuroscience, Environmental Science, Environmental Engineering, Fisheries and Wildlife, Forestry, Anthropology, Archeology, Biology, Ergonomics, Public Health, Physics, Nuclear Physics, Chemical Engineering, Electrical Engineering, Biomedical Engineering, Botany, Ecology, Historic Preservation Natural Resources, Geology, Epidemiology, Environmental Health Risk Assessment, Materials Science, Entomology, Chemistry, Biochemistry, Computer Science, and Biology. Since its inception (1993), the ORISE Maryland programs have placed over 5000 applicants at 50 installations around the world. We currently have over 500 participants in the combined programs.

Eligibility Requirements

U.S. CITIZENSHIP

FACULTY:
Current primary and secondary educators and college and university faculty

POSTGRADUATE:
Degree must be received within three years of the desired starting date or completion of all requirements for the degree should be expected prior to the starting date

STUDENT:
Current student in good standing in an undergraduate or graduate degree program
Cumulative grade point average of 2.50 or higher, based on A=4.0 scale
Minimum 12 credit hours per academic year

CERTIFICATE:
- Currently holds a bachelor’s degree or higher
- Certificate program is related to or complements higher degree
- Certificate required minimum 30 semester credit hours or the equivalent
- Certificate must have been earned within one year of start date

Benefits to Participants
- Continue their education by participating in hands-on research at Federal Facilities,
- Enhance their professional development in science, mathematics, and engineering areas,
- Opportunities to become more familiar with the research areas of the Federal sponsor.
- Become available as scientists, engineers of technologists for future employment in fields related to the sponsor’s mission.

Purpose
- To enhance the educational programs offered by academic institutions,
- Strengthen the nation’s scientific and technical manpower base,
- Provide for the transfer of federally developed technology into the academic community, and
- Support a growing national commitment to science education.