ORISE Maryland Program Overview

Brianna Znamirowski
Recruiter

14 Apr 10
Oak Ridge Associated Universities (ORAU) is...

...a university consortium focused on advancing scientific research and education through partnerships.

...a U.S. Department of Energy (DOE) contractor managing the Oak Ridge Institute for Science and Education.

...and a partner with UT-Battelle helping expand university partnerships and collaboration with Oak Ridge National Laboratory (ORNL).
National Laboratories, Federal Research Centers, and Academic Institutions Support Appointments

Program Sponsors Include:

- Oak Ridge National Laboratory
- Department of Energy
- Centers for Disease Control
- Department of Commerce
- Department of Defense
- Department of Homeland Security
- Environmental Protection Agency
- Federal Bureau of Investigation
- Food and Drug Administration
- National Aeronautics and Space Administration
- National Institutes of Health
- National Oceanic and Atmospheric Administration
- National Science Foundation
- Nuclear Regulatory Commission

More than 330 Universities and Research Centers Host Participants in Science Education/Workforce Development Programs Managed by ORISE
ORISE DOD SPONSORS

US Army Public Health Command (Provisional) (USAPHC(PROV))
US Army Environmental Command (USAEC)
US Army Edgewood Chemical Biological Command (USAECBC)
US Army Research Lab (USARL)
US Army Medical Research Materiel Command (USAMRMC)
  US Army Center for Environmental Health Research (USACEHR)
  US Army Medical Research Institute of Chemical Defense (USAMRICD)
  US Army Walter Reed Army Institute of Research (USAWRAIR)
  US Army Medical Research Institute for Infectious Disease (USAMRIID)
  US Army Medical Research Institute of Environmental Medicine (USARIEM)
  US Army Aeromedical Research Laboratory (USAARL)
  US Army Institute of Surgical Research (USAISR)
US Army Construction Engineering Research Laboratory (CERL)
US Army Coastal and Hydraulics Laboratory (CHL)
US Army Corps of Engineers (ACE)
  US Army Natick Soldier Research Development and Engineering Center (NSRDEC)
US Naval Health Research Center (NHRC)
US Navy and Marine Corps Public Health Center (NMCPHC)
US Air Force Institute of Technology (USAFIT)
US Air Force Research Laboratory (AFRL)
US Air Force School of Aerospace Medicine
Johns Hopkins Applied Physics Laboratory (JHUAPL)
National Geospatial Agency (NGA)
Defense Prisoner of War/Missing Personnel Office (DPMO)
Joint POW/MIA Accounting Command - Central Identification Laboratory – Hawaii (JPAC-CIL)
ORISE Research Participation Program
Success Stories

Participant

- Continue education
- Enhance professional development
- Familiarity with Army Programs
  - Federal Status
  - Contract
  - Others

DoD

- Increased pool of Engineering & Science Professionals
- Technology Sharing
- Project Support
- Opportunity to increase minority base

For the Nation, this is an Investment in our Future at the same time meeting National Education Goals
ORAU / ORISE Science Education Programs

Internships & Research Participation Programs

Each year, students, faculty, and others are supported to participate in activities at more than 200 laboratories and technology centers funded by 12 different federal agencies. Access to facilities and collaborative research appointments are arranged for:

- University Faculty
- Undergraduates
- Graduate Students
- Post BS / MS Interns
- Postdoctoral Research Associates
- K-12 Students and Teachers
- Other Scientists
Eligibility and Appointment Period

Student

Eligibility

• Currently pursuing a degree
• Maintain minimum 2.5 GPA
• Progress at a rate of at least 12 credit hours per academic year

Length of Appointment

• Internships during summer and semester breaks
• Co-ops during academic year
• Appointment length open as long as student continues to meet eligibility requirements
Eligibility and Appointment Period

Post Graduate (Masters and Bachelor’s Level)

Eligibility
- Received degree within the past five years
- Degree discipline in a science or technology field

Length of Appointment
- One year
- Renewable up to a total of 4 years

Post Doctoral

Eligibility
- Received degree within the past five years
- Degree discipline in a science or technology field

Length of Appointment
- One year
- Renewable up to a total of 4 years
Eligibility and Appointment Period

Certificate

• Currently holds a bachelor’s degree or higher
• Complements higher degree
• Certificate requires minimum 30 semester credit hours

Faculty

• Full-time precollege teacher and/or faculty member at an accredited U.S. public or private school and/or college or university
• 10 – 12 Weeks during the summer and vary during the academic year

Knowledge Preservation

• Have knowledge that is critical to meet the current and future needs of the U.S. and Program Facility
• Retired Federal affiliated personnel
• Up to 5 years, 50% participation or 2.5 years full-time
<table>
<thead>
<tr>
<th>Agriculture</th>
<th>Endocrinology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agronomy</td>
<td>Engineering</td>
</tr>
<tr>
<td>Anatomy</td>
<td>Entomology</td>
</tr>
<tr>
<td>Animal Breeding and Genetics</td>
<td>Environmental Health</td>
</tr>
<tr>
<td>Animal Genetics</td>
<td>Environmental Science</td>
</tr>
<tr>
<td>Animal Sciences</td>
<td>Epidemiology</td>
</tr>
<tr>
<td>Anthropology</td>
<td>Fish and Wildlife</td>
</tr>
<tr>
<td>Applied Mathematics</td>
<td>Fisheries Science</td>
</tr>
<tr>
<td>Archaeology</td>
<td>Food Science and Technology</td>
</tr>
<tr>
<td>Architectural and Environmental Design</td>
<td>Forestry</td>
</tr>
<tr>
<td>Astronomy</td>
<td>Genetics</td>
</tr>
<tr>
<td>Atmospheric Physics/Chemistry</td>
<td>Geochemistry</td>
</tr>
<tr>
<td>Atmospheric Sciences</td>
<td>Geography</td>
</tr>
<tr>
<td>Atomic and Molecular Physics</td>
<td>Geology/Geological Engineering</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>Geophysics</td>
</tr>
<tr>
<td>Biological Sciences</td>
<td>Health Physics</td>
</tr>
<tr>
<td>Biology</td>
<td>Horticulture</td>
</tr>
<tr>
<td>Biophysics</td>
<td>Human Genetics</td>
</tr>
<tr>
<td>Biostatistics</td>
<td>Hydrology, Water Resources</td>
</tr>
<tr>
<td>Botany</td>
<td>Immunology</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Industrial Technical Mfg</td>
</tr>
<tr>
<td>Computer Science</td>
<td>Industrial Hygiene</td>
</tr>
<tr>
<td>Cytology</td>
<td>Information Science</td>
</tr>
<tr>
<td>Earth Science</td>
<td>Marine Science</td>
</tr>
<tr>
<td>Ecology</td>
<td>Material Science</td>
</tr>
<tr>
<td>Economics</td>
<td>Math Statistics</td>
</tr>
<tr>
<td></td>
<td>Mathematics</td>
</tr>
<tr>
<td></td>
<td>Medical Sciences</td>
</tr>
<tr>
<td></td>
<td>Metallurgy</td>
</tr>
<tr>
<td></td>
<td>Microbiology</td>
</tr>
<tr>
<td></td>
<td>Mineralogy</td>
</tr>
<tr>
<td></td>
<td>Molecular Biology</td>
</tr>
<tr>
<td></td>
<td>Neurosciences</td>
</tr>
<tr>
<td></td>
<td>Oceanography</td>
</tr>
<tr>
<td></td>
<td>Parasitology</td>
</tr>
<tr>
<td></td>
<td>Pathology</td>
</tr>
<tr>
<td></td>
<td>Petroleum Geology</td>
</tr>
<tr>
<td></td>
<td>Pharmacology</td>
</tr>
<tr>
<td></td>
<td>Physics</td>
</tr>
<tr>
<td></td>
<td>Physiology</td>
</tr>
<tr>
<td></td>
<td>Plant Sciences</td>
</tr>
<tr>
<td></td>
<td>Plasma Physics</td>
</tr>
<tr>
<td></td>
<td>Polymer Sciences</td>
</tr>
<tr>
<td></td>
<td>Public Health</td>
</tr>
<tr>
<td></td>
<td>Public Policy Studies</td>
</tr>
<tr>
<td></td>
<td>Science Education</td>
</tr>
<tr>
<td></td>
<td>Soil Science</td>
</tr>
<tr>
<td></td>
<td>Solid State Physics</td>
</tr>
<tr>
<td></td>
<td>Systems Design</td>
</tr>
<tr>
<td></td>
<td>Veterinary Medicine</td>
</tr>
<tr>
<td></td>
<td>Wildlife Management</td>
</tr>
<tr>
<td></td>
<td>Zoology</td>
</tr>
</tbody>
</table>
How to Apply

Go to: [www.orau.org/maryland](http://www.orau.org/maryland)

- Click on the link for the online application as they are accepted throughout the year. Be sure to visit the list of Open Projects.
- Only ONE application is needed for all projects and programs. Additionally, please have the items listed below available for uploading into the on-line application system.
  - Resume
  - Transcripts from all schools attended
  - Two Professional and/or Academic References

The complete application and supporting materials will be forwarded to Army Programs for review. Incomplete applications may not be considered.
Contact Information

ORISE Maryland Website: www.orau.org/maryland

You can find the following information:
Open Project List
Online Application
Eligibility Requirements
Contact Information

Recruiting Team: Recruiter@orau.org
twitter.com/orisemaryland
Join the ORISE Maryland Group
linkedin.com/in/orisemaryland

Brianna Znamirowski
Brianna.znamirowski@orau.org
recruiter@orau.org
410-306-9200