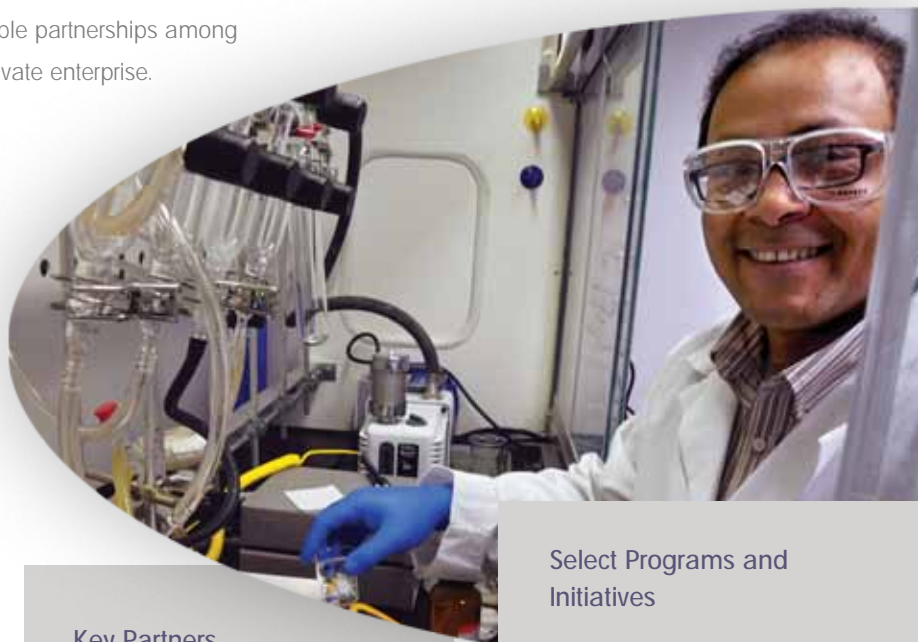


Nurturing Sustainable Partnerships Among Universities, National Laboratories, and Private Enterprise

Bringing together universities and federal laboratories, research centers, and industry for productive collaborations has never been more relevant than it is today for education and research. Universities must offer their students and faculty opportunities that immerse them in leading-edge research being done in scientific and technical disciplines. Providing such opportunities is not only beneficial to university researchers but also enhances our nation's research enterprise and fosters innovations to address critical issues our country faces. As a major science and education consortium, ORAU is leading that effort by forming sustainable partnerships among universities, national laboratories, and private enterprise.

CONTACT US:
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Tasneem Siddiquee, Ph.D.,
 Tennessee State University,
 2009 ORNL/ORAU Historically
 Black Colleges and Universities
 and Minority Education Institutions
 Faculty Summer Research Program



Capabilities in University Partnerships

- Promoting and facilitating "smart" partnerships among ORAU member institutions, government facilities, and private industry
- Leveraging the intellectual assets and innovative resources of ORAU member institutions with global education and research priorities
- Investing in the professional growth of faculty and students through travel and research grants and other scholarship and internship programs
- Expanding research and education opportunities for ORAU member institutions
- Broadening opportunities for collaborative research among our partners

Key Partners

- ORAU Sponsoring Institutions (see back cover)
- U.S. Department of Energy (DOE)
 - o Office of Intelligence and Counterintelligence
 - o Office of Energy Efficiency and Renewable Energy
 - o Office of Workforce Development for Teachers and Scientists
- UT-Battelle
- Oak Ridge National Laboratory (ORNL)
- Y-12 National Security Complex
- Office of the Director of National Intelligence (ODNI)
- Federal Laboratory Consortium (FLC)
- Council of Graduate Schools (CGS)

Select Programs and Initiatives

- American Honda Foundation/ORAU Teaching and Technology Community College Scholarship Program
- Annual Meeting of Nobel Laureates and Students in Lindau, Germany
- Historically Black Colleges and Universities (HBCU)/Minority Education Institutions (MEI) Council
- ORNL/ORAU HBCU/MEI Summer Faculty Research Program
- ORAU/ORNL High Performance Computing Grants
- Ralph E. Powe Junior Faculty Enhancement Awards
- University Radioactive Ion Beam Consortium
- Visiting Industrial Scholars Program
- Volkswagen Distinguished Scholars Program
- Y-12 National Security Complex/ORAU University Research and Education Partnership

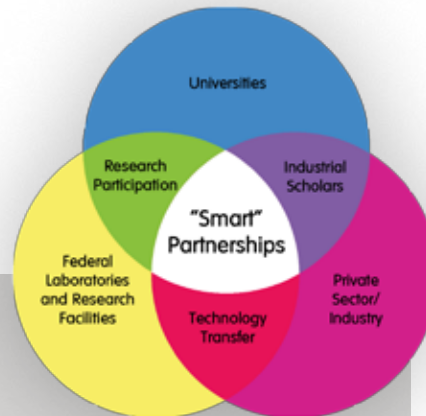
The Value of Membership

The ORAU consortium of members consists of 98 research institutions, plus 18 associate members and 5 branch campuses, in the United States, Puerto Rico, and the United Kingdom. During 2009, the member institutions had the opportunity to benefit from initiatives such as the following:

- o 118 faculty from ORAU member universities applied for the Ralph E. Powe Junior Faculty Enhancement Awards; 30 faculty members representing 24 member universities received Powe research grants totaling \$150,000.
- o 39 university research teams from ORAU member institutions submitted proposals for the first-ever ORAU/Oak Ridge National Laboratory (ORNL) High Performance Computing Grants Program; 4 awards were made at \$75,000 each for three years and provided for valuable access to ORNL's supercomputers and staff.
- o 36 Ph.D. candidates from consortium member universities met with Nobel Prize-winning scientists at the 59th annual Lindau Meeting of Nobel Laureates and Students in Lindau, Germany.
- o 6,300+ students and faculty members participated in internships, research opportunities, and sabbaticals focused in science, technology, engineering, math, and other key disciplines, which are administered for various federal agency partners by ORAU.
- o 20 members who represent Historically Black Colleges and Universities (HBCU) and Minority Educational Institutions (MEI) served on ORAU's HBCU/MEI council for expansion of participation of minority institutions in research, technology, and education programs.

Forming Partnerships That Shape America's Science and Technology Future

The means to ensure America's science and technology (S&T) competitiveness exists where the efforts of government institutions, academia, and the private sector converge. Federal laboratories and facilities serve a leadership role in conducting innovative research applied to national needs and in operating major user facilities. Universities engage in cutting-edge research and produce the future workforce of scientists, engineers, and business leaders. Private-sector entities are the catalysts for commercialization of technologies developed in laboratories and academia. As a consortium of leading research institutions and a long-time partner with multiple federal agencies, ORAU is uniquely positioned to form smart, sustainable partnerships among these entities that help shape America's future. These partnerships enhance and focus national research efforts, strengthen the global competitiveness of universities, and infuse the private sector with S&T innovations.



ORAU Smart Partnerships Promote:

- Research collaborations
- Technology transfer
- Educational enrichment opportunities
- Commercialization of research innovations
- Integrated solutions to global needs

MAXIMIZING THE POTENTIAL OF TALENTED FACULTY AND STUDENTS

Providing hands-on opportunities for application of university-based knowledge maximizes the potential of talented faculty and students and puts their research in touch with real-world needs. ORAU invests in programs for our university members that promote academic excellence, power scientific and technological innovations, and create important linkages to key federal agencies and laboratories. Through partnerships and programs with DOE and other federal agencies, laboratories and research centers, ORAU is providing students and faculty with access to some of the country's premier research facilities and scientists to enhance their education and research endeavors. The result of the "smart" partnerships directly contributes to advancing institutional capacity and competitiveness in the global marketplace.

Partnerships for Innovation

ORAU
OAK RIDGE ASSOCIATED UNIVERSITIES

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