The Applied Research Center at Florida International University

ARC Background Information
Vision and Mission

Vision
To be the leading international university-based research institution providing value-driven, real-world solutions, which will enable Florida International University to acquire, manage, and execute educationally relevant and economically sound research programs.

Mission
To lead, integrate, and deliver multidisciplinary research and development solutions in environment, energy, and information technology to meet customer commitments on time and at cost. In carrying out this mission, the Applied Research Center is committed to providing training opportunities to the University’s uniquely diverse student body under the mentorship of the Center’s internationally recognized engineers and scientists.
FIU’s Applied Research Center Serves as a Portal to FIU

- Founded in 1995, ARC has executed over $100 million in research with DOE, DoD, other Federal and State Agencies as well as private industry.

- ARC’s Portal Concept provides ease of access to FIU’s Colleges and Centers to facilitate collaborative research.

- ARC’s mission is to provide world-class R&D and technology solutions to clients.

- ARC’s multicultural, multilingual staff are client service-oriented professionals and include Project Management Professionals (PMP®) and Professional Engineers (PE).

- Successful Workforce Development Programs for Department of Energy (DOE Fellows) and Department of Defense (Cyber Fellows)
ARC Technical Research Areas

- Environment Remediation
- Energy (Nuclear)
- Robotics
- Information Technology/Cyber Security
- STEM Workforce Development & Training
  - DOE Fellows
  - Cyber Fellows
  - Nuclear Fellows
- Aerospace and Defense
Applied Research Center Facilities

Cyber Security Program

- Cyberspace Technology Testing & Training Center (CT$^3$C)
- STEM Workforce Development (Cyber Fellows)
- Cyber Threat Automation and Monitoring (CTAM)
Interdisciplinary Activities and Other Contributions

- ARC’s STEM and Workforce Development
- Advisory Board
- Student Development
- Research/Support to FIU Customers
- Community Service
- Publications
- Mentoring

Engineering Expo 2016 – K-12 Students visiting ARC’s Sensors Robotics Lab.
DOE Fellow - DOE National Labs
Day on the Hill – September 2016