Proposal to Establish the Joint School’s Institute for Research Technologies Presentation

Accelerating the Triad’s Research and Innovation through state-of-art research facilities, brainpower, and collaboration
Renaming & Restructuring the NanoManufacturing Innovation Consortium (NIC) for the greater good of Faculty and Students of North Carolina A&T State University and the University of North Carolina at Greensboro
University – Industry partnerships succeed when we are:
• Strategic
• Operational
• Transactional

Best practices for building, strengthening and enhancing University – Industry partnerships need to be adopted from national organizations including:
• University – Industry Demonstration Partnership (UIDP)
• Association of Public and Land-Grant Universities (APLU)

J-SIRT’s Mission and Vision

MISSION
J-SIRT will accelerate research and innovation through access to analytical and characterization instrumentation, strategic partnerships with faculty and industry, and building a skilled workforce.

VISION
J-SIRT aims to be a national science, engineering, and nanotechnology research and innovation hub for and beyond the Triad.

It takes people coming together from across institutions and industry to collaborate and coordinate their efforts, access research facilities, share brainpower to accelerate research and innovation, and in doing so builds a skilled workforce able to address 21st century research challenges.

At the center of all these efforts, the connector that brings all the resources together, is J-SIRT.
The Joint School’s Institute for Research Technologies (J-SIRT)

For Industry

For Faculty

For Students

Instruments & Facilities

Student Internships

Research Resources

Research Consortia

Research Funding Opportunities

Educational Influence
Benefits of J-SIRT to Industry

What does J-SIRT Membership look like for Industry partners?

- Research Consortia with academic partners
- Research Instrumentation Facilities
- Research Resources
  - Library
  - Funding Database
  - Students (to advance projects)
  - Faculty (to advance R&D)
  - Computer programs
- Access to students for:
  - Internships
  - Jobs
- Influencing curricula and education
Benefits of J-SIRT to JSNN, NC A&T and UNC Greensboro Faculty

What does J-SIRT offer NC A&T and UNC Greensboro Faculty?

- Research Instrumentation Facilities
- Research Consortia with Industry partners
- Access to best educational practices to train students
- Industry-University Funding Opportunities
- Access to Industry Research Projects Partners
Benefits to JSNN, NC A&T and UNC Greensboro Students

What does J-SIRT offer JSNN, NC A&T and UNC Greensboro Students?

- Internship Opportunities
- Access to gain skills on Industry Projects
- Entrepreneurship Education
- Research Instrumentation Facilities
Industry members will have the option to participate in a number of programs beyond just access to the research instrumentation and the facilities. There will be added benefits, strategic partnerships and benefits that will accelerate industry project success.
Expanding Industrial Reach in Nanotechnology and Beyond…
The Joint School’s Institute for Research Technologies (J-SIRT)

Through the programs it offers to the faculty, students and industry partners, J-SIRT will accelerate the Triad’s research and innovation using state-of-the-art research facilities, the brainpower of the faculty and through growth of global collaboration.