

I/UCRCs

University Mission and University Support

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UNC Charlotte





UNC CHARLOTTE

- North Carolina's urban research university
 - Over 27,200 students
 - Over 110,000 alumni
 - 80 Bachelor's degree programs
 - 64 Master's degree programs
 - 21 Doctoral degree programs
- One of 17 institutions in UNC System
- **Highly connected to economic region**



Academic Programs



- Belk College of Business
- College of Arts + Architecture
- College of Computing and Informatics
- College of Education
- College of Health and Human Services
- College of Liberal Arts & Sciences
- Graduate School
- Lee College of Engineering



Our I/UCRCs

- Current
 - Configuration Analytics and Automation
 - Robots and Sensors for the Human Well-being
 - Safety, Security, Rescue Research Center
 - Freeform Optics
 - Metamaterials
 - Sustainably Integrated Buildings and Sites
- Graduated
 - Precision Metrology
- In Development
 - Smart-Grid
 - Bioinformatics
 - Energy Production and Infrastructure



UNC Charlotte Mission

- North Carolina's urban research university
- Leverage location in the state's largest city
- Internationally competitive
 - research and creative activity,
 - undergraduate, graduate, & professional programs
 - community engagement
- Address cultural, economic, educational, environmental, health, and social needs



Research Vision

- Research is fundamental to the mission of UNC Charlotte.
- New knowledge and creative works change the world and shape the future of the University.
- Advancing the quality, diversity and growth of research,
- With a special value on the translation of research results that impact social, cultural, and economic communities.



Partnership Rationale

- Impact on Economic Community
 - Long Term
- Distinctive Student Experience
 - Medium Term
- Attract, Develop and Retain Best Faculty
 - Near Term



Mission Relevance

- North Carolina's urban **research** university
- **Leverage** location in the state's largest city
- Internationally competitive
 - **research** and creative activity,
 - **undergraduate, graduate, & professional programs**
 - community **engagement**
- Address cultural, **economic, educational, environmental, health, and social needs**



University Support

- Contracting and Financial Transaction
 - Handled Centrally
- Resources to Centers
 - Space
 - Staffing Support
 - Partner Development
- High Visibility
- Priority for Opportunistic Funding



I/UCRC Outcomes

- Long Term Relationships
- Platform Technologies
- Faculty & Student Opportunities
- Economic Impact
- Reputation and Visibility



Value of I/UCRC

- Focus and Emergence
- Gather Faculty and Students
- Cross Disciplines
- Diversify Research and Funding
- Connect to Companies
- New Ideas

