I/UCRCs
University Mission and University Support

Bob Wilhelm
Vice Chancellor for Research and Economic Development
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
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  – undergraduate, graduate, & professional programs
  – community engagement
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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