



RESEARCH CONVERGENCE ACCELERATOR

Duke University
North Carolina A&T State University
North Carolina State University
RTI International
University of North Carolina - Chapel Hill
Wake Forest University

IMAGINE

- Access to many of the world's leading researchers, centers and laboratories in areas related to the Grand Challenges.
- Connections to public / private partners in regions around the world.
- Opportunities to engage highly motivated students to work with your organization in developing new technologies and strategies.

And,

- Having an easy access point to engage these interdisciplinary resources!



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IT IS POSSIBLE

And it is located right here in the Research Triangle.



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MISSION & VISION

MISSION

The Research Convergence Accelerator brings together the research capabilities of world-renowned Universities & RTI to create the next generation of technologies and strategies that support industry and governments in key challenge areas.

VISION

The Research Convergence Accelerator will be an important catalyst in the economic growth of North Carolina and the United States through demonstrated leadership in strategically identified areas of research and workforce development. We will be a globally recognized resource for researchers and small to large enterprises to come together to create and deploy new discoveries that address environmental, economic and social imperatives.

A PLACE

The Research Triangle Park is an internationally recognized home for corporations engaged in research. The park which is home to over 178 companies located over 7,000 acres is serving as a catalyst to connect leading companies with the capabilities of the Research Convergence Accelerator.



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WHAT WE DO

The Research Convergence Accelerator leverages the collective strengths of engineering and science disciplines that historically worked in isolation or in limited collaboration.

The Accelerator will merge basic research with the real-world needs of the private and public sectors to create new knowledge, technologies & services.

The strength of the research approach comes from the formation of interdisciplinary partnerships of researchers spanning the various sciences, engineering, medical and business disciplines.

Accelerator research will include continuous feedback and improvement as researchers develop new technologies and strategies while industry and government users provide the operational insights. This form of bench to application research opens a unique pathway for the prosperity of our Universities, industries and our country.



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THE STRENGTH OF THE ACCELERATOR



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ACADEMIC EXCELLENCE

2014 US News & World Report Rankings

Research Convergence Accelerator Universities were recognized as:

- Top 10 ranked of all national universities
- Top 5 of all public universities nationally
- Top 10 of all historically black colleges
- Tradition of Excellence-including partners in the top tier rankings for over 18 consecutive years.



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RESEARCH EXCELLENCE

- Over 7 million ft² of combined research laboratory space.
- Highlights of our partners include:
 - Top 10 of Federal R&D funding expenditures
 - #1 of all universities in Corporate Research dollars for the last ten-years
 - Top 10 of research expenditures of public universities without medical schools



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GLOBAL

- Led by RTI International
 - providing research and technical services to governments and businesses in more than 75 countries
- Partners have established strong global partnerships in areas key to Manufacturing for the Grand Challenges, including:
 - Brazil
 - China
 - Africa



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Infrastructure
& Urbanization



Bio-Based
Economy



Medicine &
Diagnostics



Computation
& Analytics



Manufacturing
& Technologies



Industrialization
of Oceans

SOLUTIONS THAT ADDRESS OUR SUSTAINABILITY CHALLENGES



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