

Forethought



Government | University | Industry  
RESEARCH ROUNDTABLE

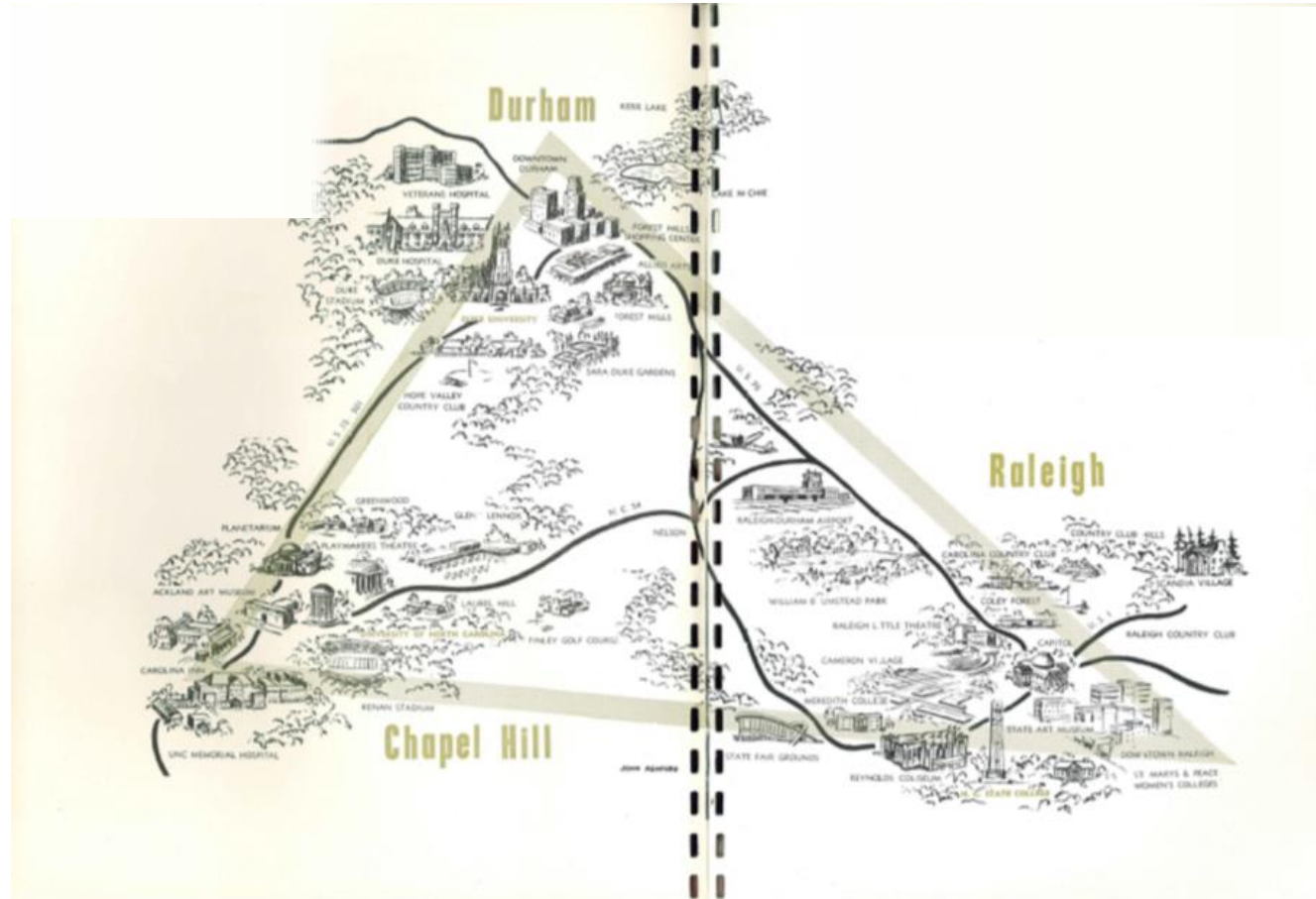
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# A Model for Place-Based Innovation: RTI's Forethought Research Collaboration Challenge

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August 17, 2021 1-2PM EST

# North Carolina Research Triangle Region Then (c.1950s)



**85%**

Of regional employment  
was in “old Line” industries

**238,000**

Residents

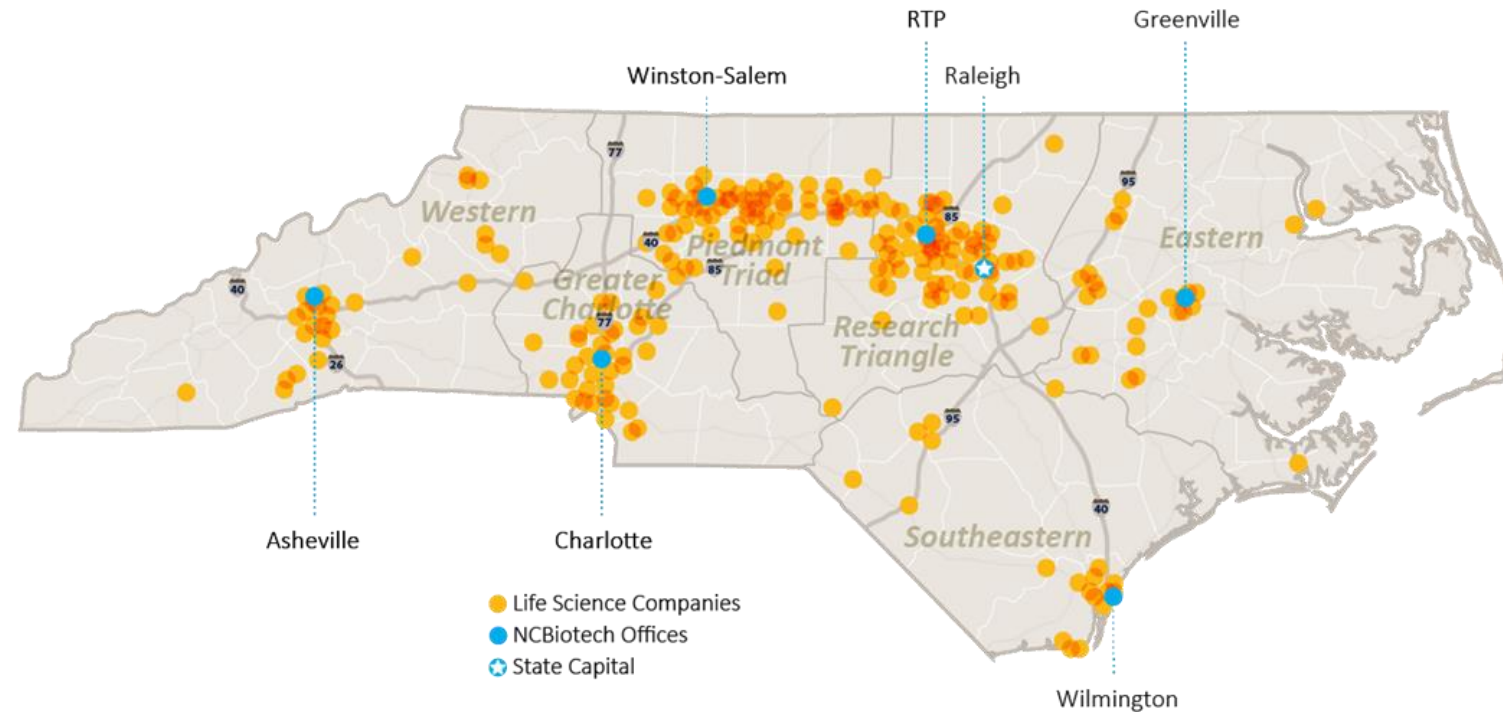
# North Carolina Research Triangle Region Now

**2M +**

Residents

**7K +**

Companies (700+ International)



- Research Triangle Park
- Natural Area Preserve
- Highway
- Road
- Stream
- Lake or Pond
- Railroad

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delivering the promise of science  
for global good

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RTI International is an independent, nonprofit research institute dedicated to improving the human condition. We combine scientific rigor and technical expertise in social and laboratory sciences, engineering, and international development to deliver solutions to the critical needs of clients worldwide.



### **FY 2009**

University Collaboration Committee, forerunner of URCC, created



### **FY 2012**

Wayne Holden becomes RTI's 4<sup>th</sup> President and CEO



### **FY 2014**

RTI University Collaboration Office established under leadership of RTI COO Jim Gibson



### **FY 2020**

URCC, full RTI Board of Governors Committee dedicated to collaboration, formed

# The University Research Collaboration Committee (URCC)

The URCC promotes collaboration by and among RTI and Duke University, the University of North Carolina at Chapel Hill, North Carolina State University, and other constituent universities of The University of North Carolina.

# The University Research Collaboration Committee (URCC)

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## RTI Board of Governors Members Serving on the URCC

**Christy Shaffer (URCC Chair)**, General Partner  
Hatteras Venture Partners

**Peter Lange (URCC Vice-Chair)**, Prof. Provost Emeritus  
Duke University

**Peter M. Scott III (Board Chair)**, Former CFO/CEO  
Progress Energy & Progress Energy Services Company

**Warwick Arden**, Executive Vice Chancellor & Provost  
North Carolina State University

**Thomas F. Darden**, President & CEO  
Cherokee Investment Partners

**Franklin D. Gilliam Jr.**, Chancellor  
University of North Carolina Greensboro

**Sally Kornbluth**, Provost  
Duke University

**Terry Magnuson**, Vice Chancellor  
Research, University of North Carolina at Chapel Hill

**Harold L. Martin, Sr.**, Chancellor  
NC A&T State University

**Meg Booth Powell**, Founder & CEO  
501 Ventures, LLC

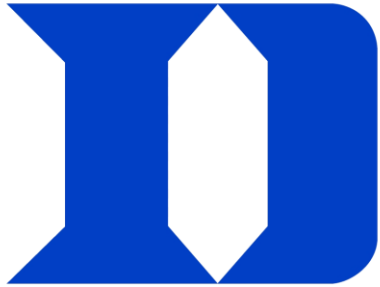
**Sandy Williams**, Interim Vice President  
Research and Innovation, Duke University

**Research Unit Executive Vice Presidents**, RTI

# Forethought Builds on Successful Bilateral Co-Investments

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Duke University



Duke-RTI FLARE

North Carolina A&T  
State University



RTI University Scholars

North Carolina  
Central University



NCCU-RTI Partnership

North Carolina  
State University



NC State-RTI GRIP

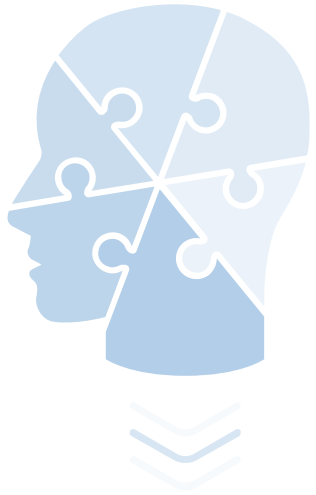
UNC at Chapel Hill



UNC Gillings-RTI IMPACT

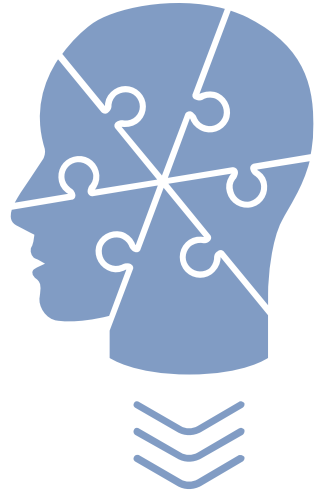
# The Challenge By The Numbers

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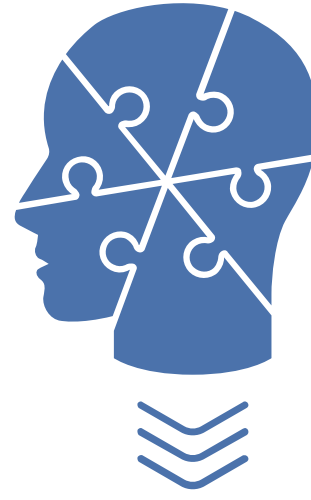
**60**

Years of RTI  
innovation



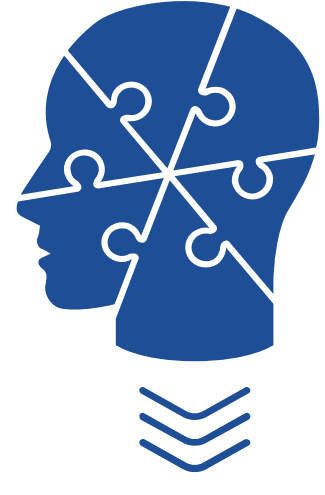
**686**

Researchers  
engaged



**136**

Forethought  
Expressions of  
Interest



**8**

Teams invited  
to submit Full  
Proposals

# Criteria

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## **Regionally Collaborative**

- Future-focused
- Multilateral

## **Impactful**

- Critical regional/Triangle priority
- Nationally and globally transformational

## **Innovative**

- Interdisciplinary
- Larger than any one institution

## **Achievable**

- Research leadership
- Advances RTI's mission

## **Enduring and Nationally Recognizable**

- Sustainable
- Will attract new resources



# Teams Invited to Full Proposal Stage

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CARDD Lab: Climate Action Research,  
Development & Deployment: Actual Research  
on Climate Adaption & Resilience

Carolina Exposomics Hub

Center for Water Resources & Health

Health Equity Solutions Laboratory: A Multi-  
modal & Multi-level Platform to Accelerate the  
Elimination of Health Inequities in North  
Carolina & Beyond

NC-VIRRAL: An Academic-Industrial Partnership in  
the Research Triangle to Forge the Next-Generation  
Biomanufacturing of Gene Therapy Products

North Carolina Consortium to Eliminate Early  
Childhood Health Disparities

Quantum Future for the Triangle

READDI: Rapidly Emerging Drug Development  
Initiative

“ This forward-thinking challenge is an investment in the future of the Research Triangle region. I am proud of RTI’s financial commitment and leadership to harness the power of our academic institutions and corporate partners to improve our ecosystem for years to come. ”

-Christy Shaffer, URCC Chair and RTI Board of Governors member

# Criteria

Regionally  
Collaborative

Achievable

Impactful

Innovative

Enduring and  
Nationally Recognizable

# Opportune Time to Invest in Ourselves



**Cisco unveils \$20M Rural Broadband Innovation Center in RTP**



**From Bandwidth to Apple: Triangle scores nearly 11K jobs since 2020. Here's where the projects stand.**

**DURHAM COUNTY NEWS**

**Electrical grid company to bring global HQ to RTP; will invest \$21.5 million, bring 250 jobs**



**Google picks Durham for engineering hub, aims to create 1,000 jobs**



**How Raleigh-Durham is prioritizing innovation and entrepreneurship to build a strong tech workforce as companies like Apple and Google move to the region**



**Boxyard RTP, with restaurants and retail stores in shipping containers, to open on Saturday**

# Appendices

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# RTI At A Glance

## Worldwide Presence and Financial Strength

 **\$912M**  
FY2020 Revenue

 **1,219**  
FY2020 Clients

 **3,990**  
FY2020 Projects

**12**   
U.S. Offices

### Research Triangle Park, NC

Ann Arbor, MI  
Atlanta, GA  
Berkeley, CA  
Chicago, IL  
Fort Collins, CO  
Portland, OR  
Rockville, MD  
San Jose, CA  
Seattle, WA  
Waltham, MA  
Washington, DC

**11**   
International Offices

Barcelona, Spain  
Belfast, Northern Ireland  
Jakarta, Indonesia  
Selangor, Malaysia  
Ljungskile, Sweden  
Manchester, United Kingdom  
Lyon, France  
Nairobi, Kenya  
New Delhi, India  
San Salvador, El Salvador  
Toronto ON, Canada