The South Big Data Innovation Hub

Co-Directed by GATech and UNC

>350 South BD Hub Members
59 Academic/Nonprofit/Government Partners
25 Industry Partners
16 States

www.southbdhub.org
Getting Involved in the South Hub

Steering Committee
- Advisory Council

Executive Committee
- Executive Committee

Working Groups
- Education
- Community Partnership
- Data & Infrastructure

(Preliminary)
Spoke Theme Communities
- Health
- Coastal Hazards
- Social
- Habitat
- Data Science Education
- Big Data Sharing and Infrastructure
- Materials and Manufacturing
- Big Data Economic Modeling
- Data Security, Privacy and Policy
- Emerging Themes
Southern Big Data Community

- Big Data Sharing and Infrastructure
- Healthcare
- Coastal Hazards
- Economics, Privacy and Policy Issues
- Industrial Big Data and Energy
- Materials and Manufacturing
- Habitat Planning
What makes South BD Hub unique?

- Test beds for industry @ Texas Advanced Computing Center at UT-Austin, BEN, exoGENI
- Oak Ridge National Lab
- Georgia Tech Engineering schools, DARPA xdata, GTRI
- RENCI software sustainability -- open source software development expertise, federated networking expertise
- NC State Freedom Center simulated test grids
- Federal Government (NOAA Coastal Services Center, Water Center and NCEI in Ashville, NASA Goddard and Marshall Centers, EPA campus in Research Triangle Park)
- Highest concentration of historically black colleges and universities (HBCU) in the United States
- 5 out of 12 Gigabit connected cities (Austin, Richardson, Lafayette, Chattanooga, NC Ignite)
- And of course the South Big Data PI research community!
Opportunities through the South Hub (Summer 2016)

• **DataStart** internship program, which will provide graduate students from the South BD Hub the opportunity to work with data-related startups. *(Deadline May 1, 2016)*

• **PEPI** (Program to Empower Partnerships with Industry), which will support early career faculty and postdocs in summer exchange visits with data-related industry partners. *(Deadline May 1, 2016)*

• **Industry-Academia Workshops in Atlanta at Georgia Tech**
  • Big Data in Health
  • Big Data in Energy
  • Big Data in Materials and Manufacturing
Co-Executive Directors

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PIs

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Questions?

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