

NORTHEAST
BIG DATA
INNOVATION HUB

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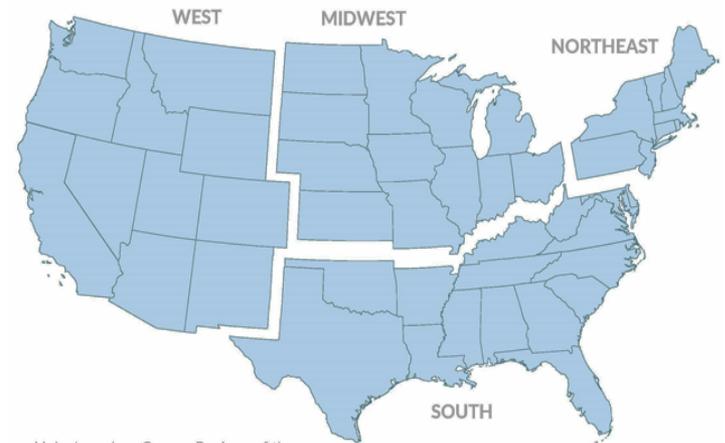
Coordinated by Columbia University

Regional Data Innovation Hubs

History

2012: White House “Big Data Research and Development Initiative” → \$200 million

2015: NSF → \$6 million to four Hubs and set to award another \$10 million to the Spokes, this year.

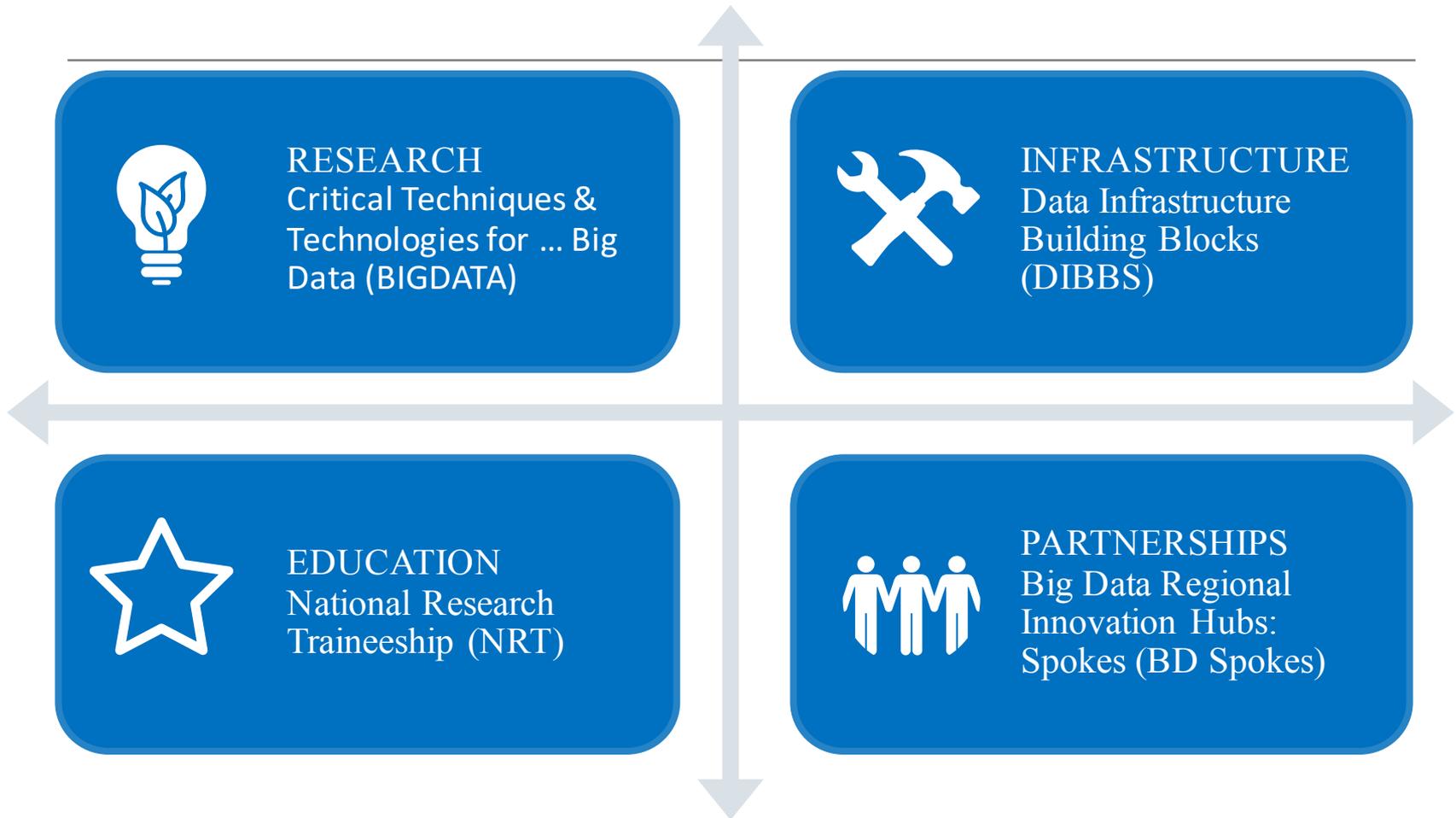


Hubs based on Census Regions of the
United States

Alaska & Hawaii are part of the West Region
US Territories can participate in any region

The NSF Big Data Portfolio

Within the broader NSF portfolio, BD Hubs and BD Spokes focuses on building partnerships around Big Data



How is the BDHubs Program different?



NETWORKING

NSF is funding the staff & networking activities between partners, not research.



DYNAMIC

Hubs are dynamic and grow over time to accommodate more interested participants



COLLABORATION NOT COMPETITION

NSF required only one proposal per region describing general consensus around Hub activities. Host institution is only a logistics facilitator for the Hub.



MULTIPHASE

Partners can use networking activities to determine what future priority areas to take on. Activities around these areas will be funded in later phases

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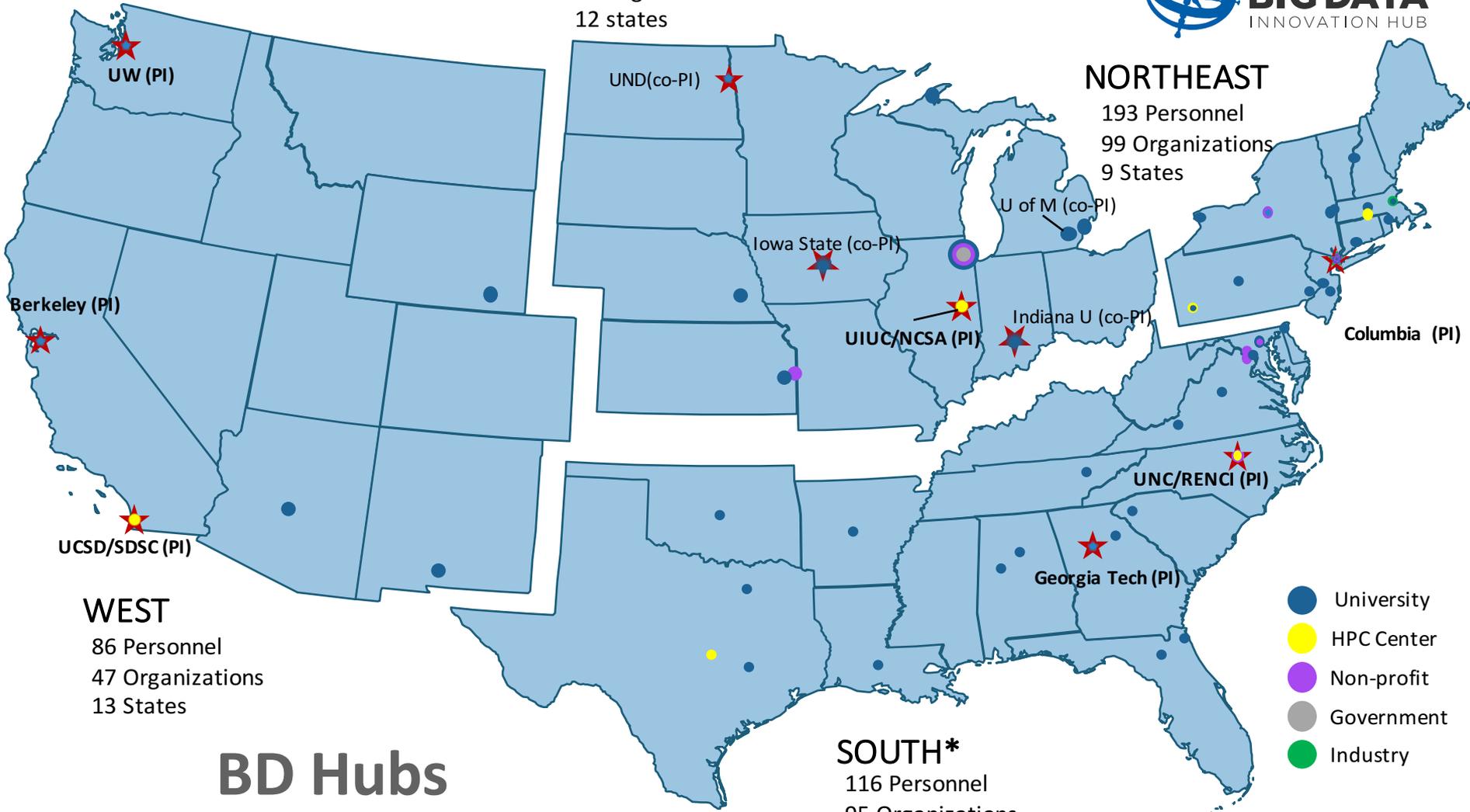
MIDWEST

106 Personnel
79 Organizations
12 states



NORTHEAST

193 Personnel
99 Organizations
9 States



WEST

86 Personnel
47 Organizations
13 States

SOUTH*

116 Personnel
95 Organizations
15 States + DC

BD Hubs

*South points indicate Senior Personnel

Points indicate affiliations of individuals named as steering council members and/or task leads.

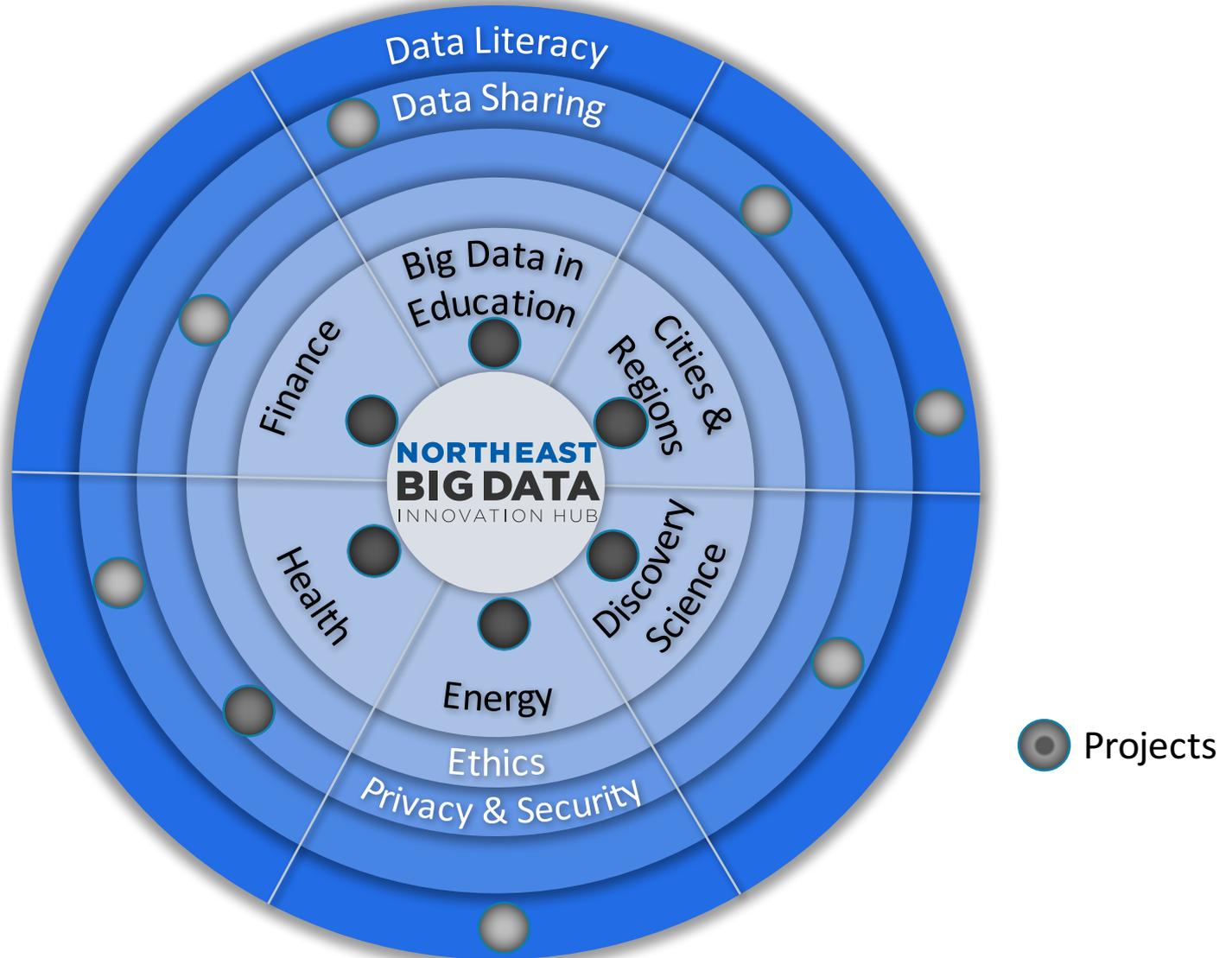
NE Regional Big Data Innovation Hub

Mission

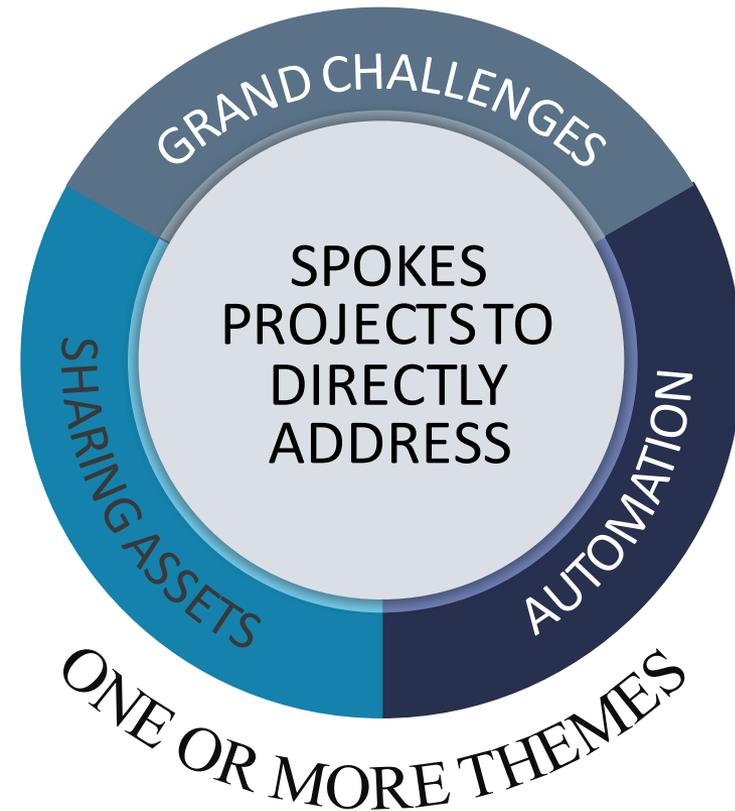
Build public-private, multi-sector partnerships to address high-priority challenges with data-driven innovations



Priority Areas



Projects Major Themes





Accelerating progress towards societal
grand challenges

relevant to regional and national priority areas.

Due to the pervasiveness of Big Data in virtually all national priority areas, the BD Spokes have the opportunity to bring rapid change in application areas, by facilitating the creation of interdisciplinary and multidisciplinary data-intensive teams.

Early Activities

- Community-Building / Workshops
- Northeast Road Trip
- Spoke Projects
- Membership/Partnership
- Infrastructure

Opportunities

CCC Call

- Young Innovators Internship
- Knowledge Exchange
 - Lecture Series
 - Visiting Scholars
- Data Sharing Workshop

For More Information

Visit our website:

<http://northeastbdhub.dsi.columbia.edu>

Email us:

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Follow us on Twitter:

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