

UIDP HBCU Engage

Kayla Meisner, Executive Director

KCV Mission



KENTUCKY
COMMERCIALIZATION
VENTURES



**Dr. Jason Marion, ECU
Winner, AUTM Better World Project
USDA SBIR Phase 1 Winner**

Empowering ideas that impact lives.

Kentucky Commercialization Ventures is Kentucky's engine for statewide innovation, created to fuel economic growth and ignite life-changing impact for individuals, businesses and communities.

We provide resources to the state's public universities and colleges to transform ideas and research into services, products, processes, startups and investments supported by intellectual property.

KCV Vision

An innovative model for inclusive innovation

- We **bridge the gap** between research and commercialization
- We **create accessible opportunities** through high-impact programs which reduce barriers to research and commercialization education, tools and resources.
- We **catalyze public-private partnerships**

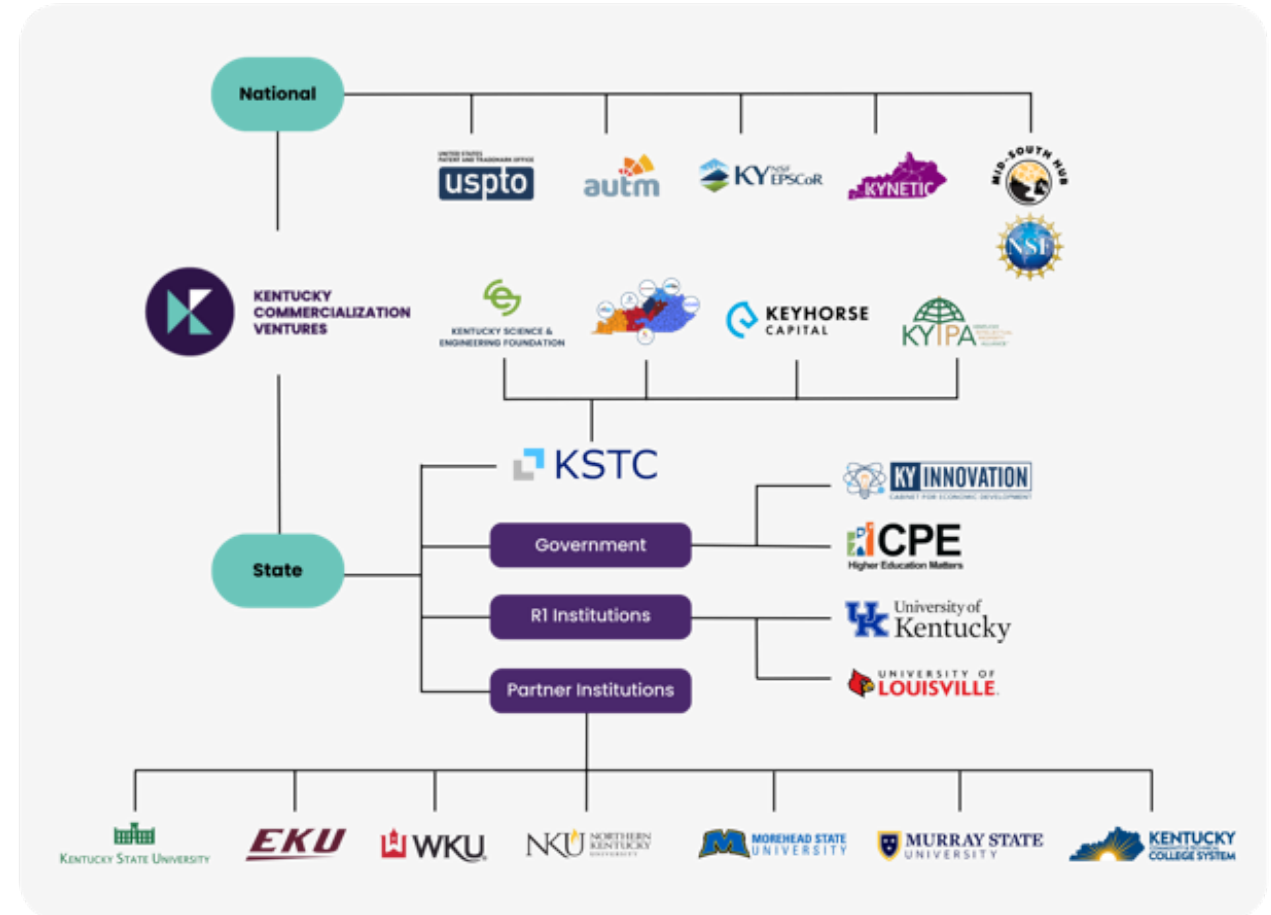


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KCV Connections





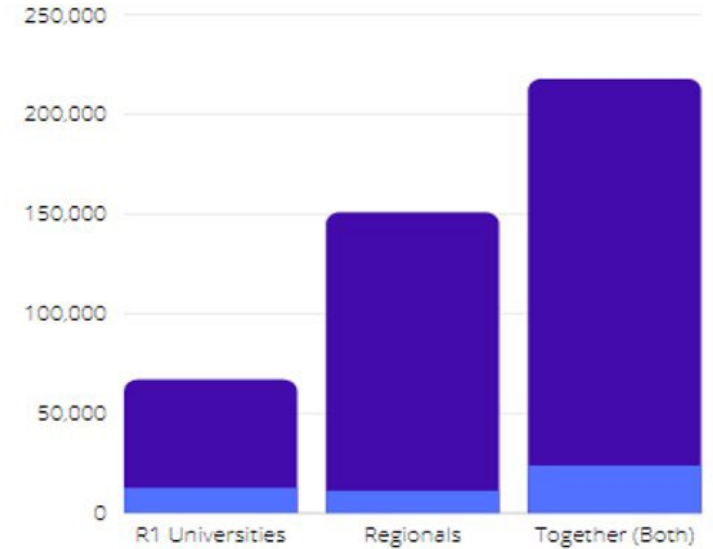
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Why the need for statewide technology transfer?

- We increased the number of technology transfer supported faculty, staff and students in KY **by over 300%** (see right)
- Cost-Effective solution for equitable access for all public higher-ed institutions
- Nationally-recognized team of innovation practitioners + programs
- *Benefits society, the economy, and impacts communities for the better!*

Kentucky's Higher Education Community (faculty/staff and students)

Data source: IPEDS and KYCPE



SERVICES GRID	TECHNOLOGY TRANSFER	INDUSTRY ENGAGEMENT	NEW VENTURES	MULTI INSTITUTION
R1 Universities	✓	✓	✓	SOMETIMES
Regional Universities	SOMETIMES	SOMETIMES	SOMETIMES	RARE
Community and Technical Colleges	RARE	RARE	RARE	✓



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THANK YOU!

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STRATEGIC PARTNERSHIPS & ECONOMIC DEVELOPMENT AND NCINNOVATION

HBCU ENGAGE!



Timothy A. Minor
Vice Chancellor
NC A&T

Louis Judge
Regional Innovation Director
NCInnovation

April 16-17, 2024

Institutional Context



PREEMINENCE 2030: NORTH CAROLINA A&T BLUEPRINT



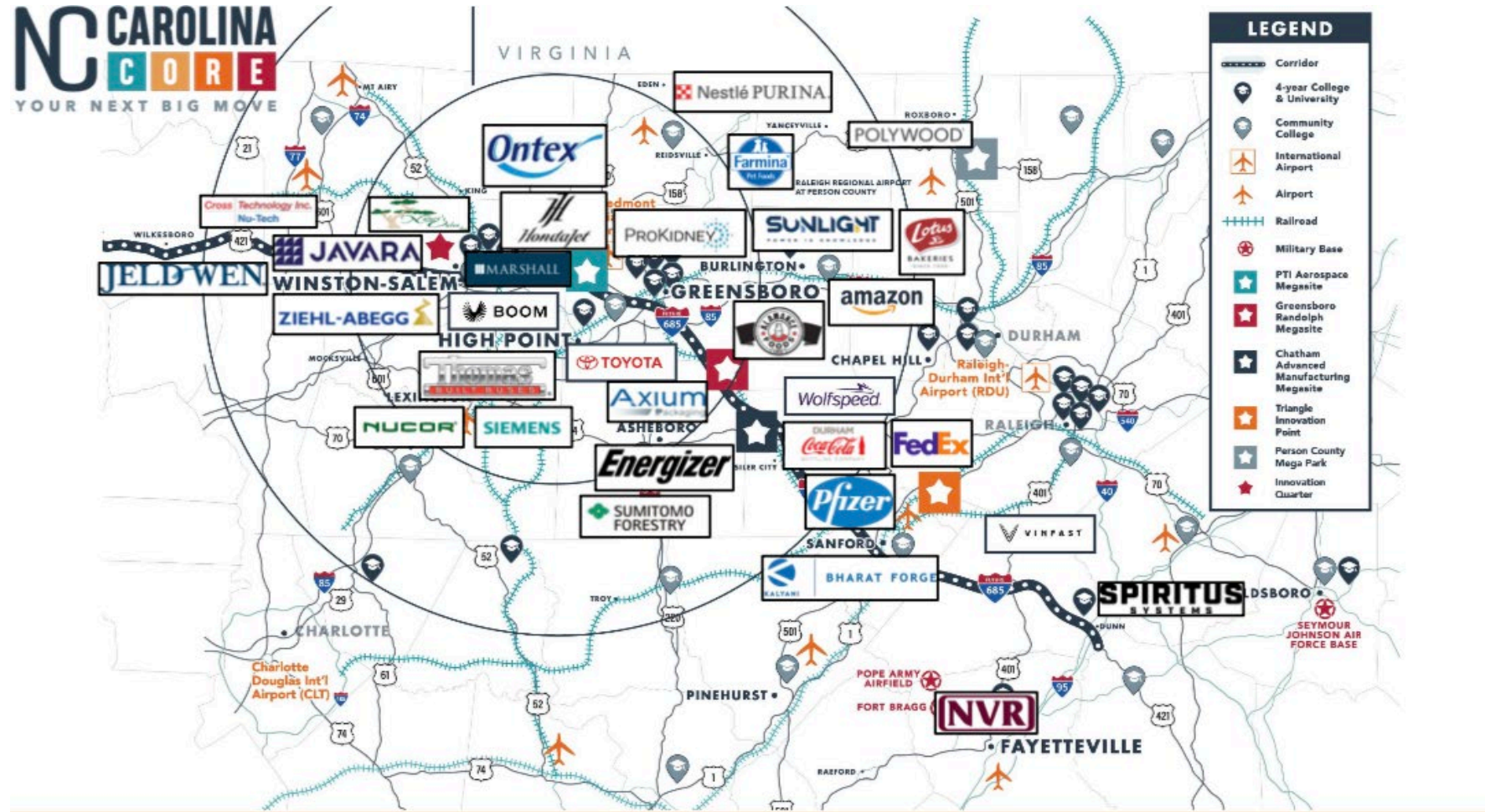
1. Strong enrollment growth elevated A&T as the nation's largest historically Black college or university for nine consecutive years;
2. The Campaign for North Carolina A&T, the university's first comprehensive fundraising effort, raised \$181.4 million that helped boost the University endowment;
3. University faculty and staff secured \$147.4 million in research and program funding;
4. Goal to attain the Carnegie Foundation's top classification for doctoral, research universities: R1 – Very High Research Activity.

From Concept to Creation

- Began the work to develop an organizational structure for the new Division and to development strategic goals for the Division aligned to the University's new strategic plan.
- As the centralized office coordinating external partnerships and collaborations, the Division must position itself as a “**hub**” rather than the gatekeeper and owner of new and established relationships
- Divisional charge:

To further the goals of North Carolina A&T State University and extend its mission by deepening and broadening our partnerships in creative, individualized, transformative, and economically impactful ways “to improve the human condition.”

Strategic Partnerships



NCINNOVATION

APPLIED RESEARCH SHOULD YIELD NEW JOBS AND OPPORTUNITIES

- North Carolina is home to top research universities, but our innovation performance doesn't measure up.
- North Carolina receives almost \$13B annually in academic and industry R&D. However:
- We rank 20th in total innovation*
- We lag the national average in commercializing our research
- Competitor states are investing in innovation and successfully targeting emerging NC tech companies

* North Carolina Department of Commerce Office of Science Technology & Innovation's "Tracking Innovation" report, 2021



NCINNOVATION

OUR VISION

- North Carolina will be The Innovation State
- Enabled by a public-private partnership to accelerate commercialized innovation from NC's universities

OUR MISSION

- Commercialize and scale innovation to create jobs and improve economic opportunity in all 100 counties of North Carolina



OUR VALUES

Innovation

Collaboration

Accountability

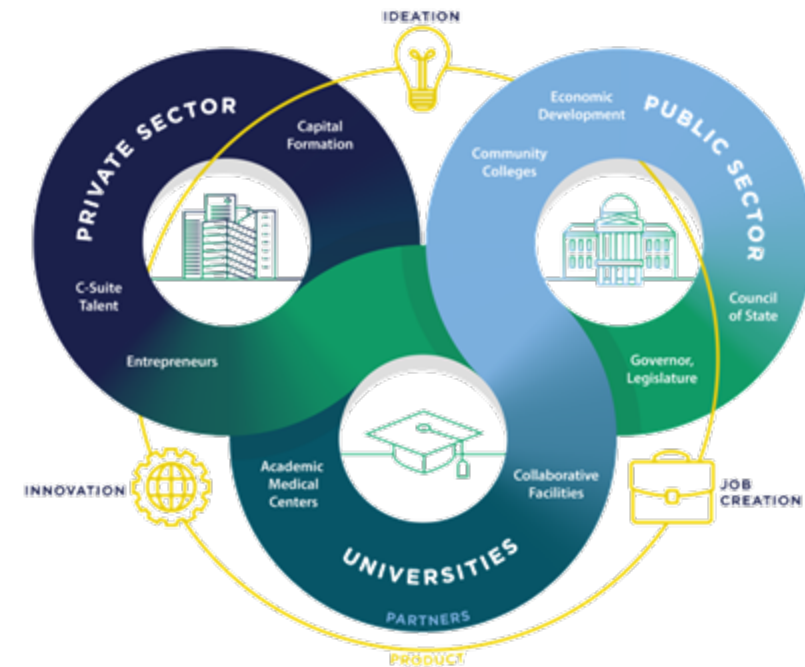
Integrity

Inclusion

THE APPROACH: REGIONAL NETWORKS & APPLIED RESEARCH SUPPORT

NCINNOVATION WILL USE THE INVESTMENT INCOME FROM AN ACTIVELY MANAGED ENDOWMENT TO:

- Develop and optimize **regional innovation networks** to connect industry, academia, and entrepreneurs across the state
- Provide **grant funding** to support emerging applied research technologies
- Enable **support services** to commercialize our research successes and create economic development across North Carolina



REGIONAL APPROACH

IT IS RECOMMENDED THAT NORTH CAROLINA FOSTER REGIONAL INNOVATION NETWORKS, ESPECIALLY IN UNDERSERVED REGIONS, TO CONNECT ACADEMIA, INDUSTRY, AND CAPITAL IN EVERY REGION OF THE STATE.

Optimizing North Carolina's Innovation Ecosystem
TEconomy Partners, LLC | October 2022

PIEDMONT



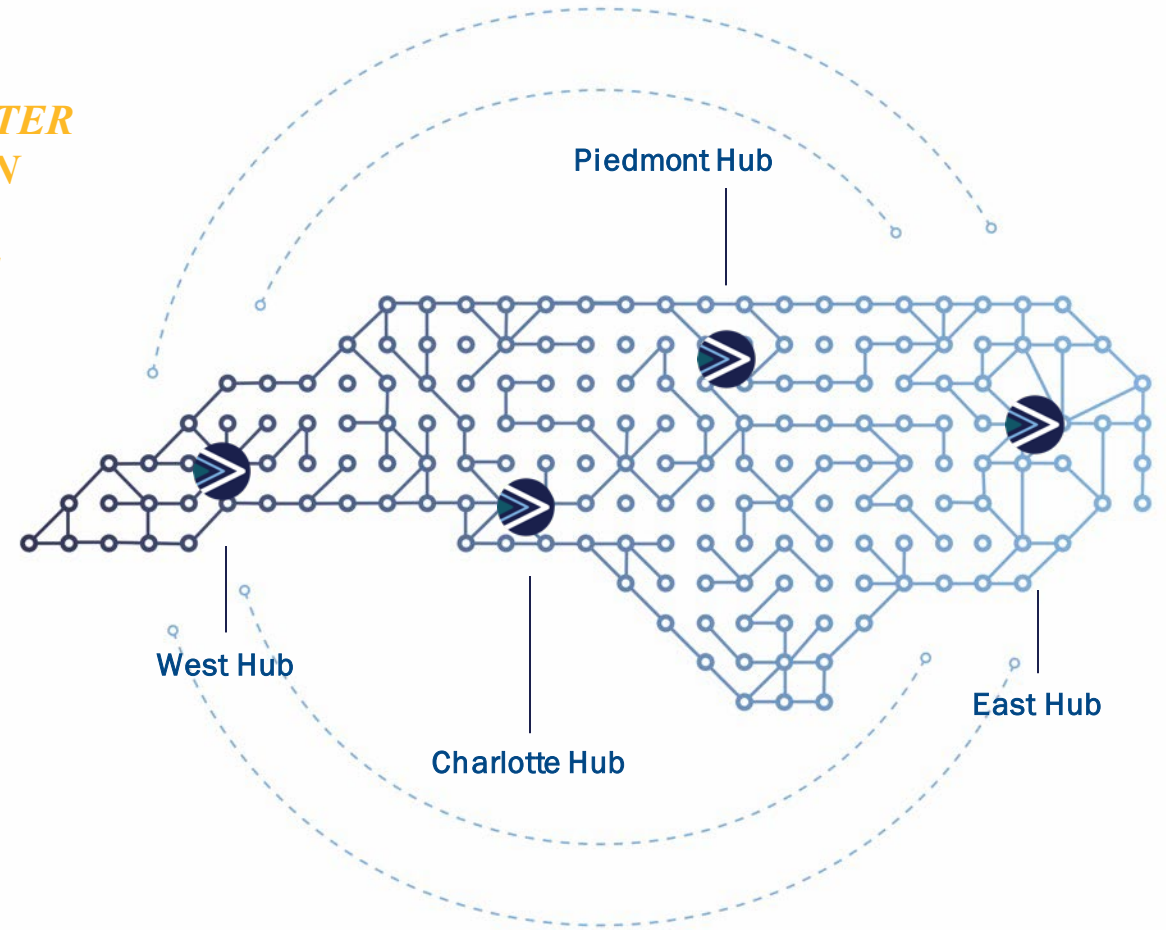
WEST



EAST



CHARLOTTE



NCINNOVATION

ENACTED AUTHORITIES

NCI may use funds to:

- Establish regional innovation hubs and networks
- Provide non-dilutive grants for applied research “to bridge the gap between... research... and commercialization”
- Fund capacity-building grants to expand applied research federal grant scouting and project management support
- Support technology development and licensing
- Pursue IP protection
- Fund support commercialization services (to include capital formation from sources other than NCI)

FY24-FY25 BIENNIUM BUDGET

- ▶ \$250 million in FY24, of which up to \$50 million can directly support NCI programs
- ▶ \$250 million in FY25, of which up to \$90 million can directly support NCI programs
- ▶ Remaining balance funds an endowment that can be invested, with investment returns to provide future program funding

NCInnovation may not:

- Provide venture capital or other equity instrument, or receive an equity position in any organization
- Provide funding of any kind to private organizations (regardless of placement or UNC System affiliation)

SUMMARY

- *Seven years of **RESEARCH, ANALYSIS, AND STRATEGIC FORMULATION***
 - An intentional, tactical, and data-driven model that will position North Carolina to compete nationally.
- ***INDEPENDENT DATA AND COMPETITIVE ANALYSIS** to identify required grant funding and support*
 - Award and have initial performance data on 8 “prototype” grants
 - Quantify the demand for “valley of death” grant and support funding at North Carolina research universities
- *Focus on creating a **SELF-SUSTAINING ENTITY***
 - Preserve the corpus of the \$500 million endowment and grow the principal slightly through interest
- ***CREATING ECONOMIC DEVELOPMENT** out of North Carolina Universities; applied research*
 - Developed a statewide technology development strategy matching market needs to existing research capabilities

Thank You

