



VIRGINIA TECH



INNOVATION CAMPUS

and the Technology Ecosystem

David Baker, Director of Government & Community Relations

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About Virginia Tech



Blacksburg, Greater Wash. DC, India, Switzerland, Africa



2,970 teaching and research faculty
70% tenure/tenure track
483 research and post-docs



\$542M in annual research expenses
48th in National Science Foundation Rankings



37,024 total students/92% full-time/19% grad



7,225 bachelor's degrees awarded annually
2,159 graduate degrees awarded annually

Virginia Tech in Northern Virginia – 50 Years and Growing

Equine Medical Center

- One of three animal health care facilities operated by the Virginia-Maryland College of Veterinary Medicine

Washington-Alexandria Architecture Center (WAAC)

- Located in Old Town Alexandria, home of the university’s graduate architecture program

Northern Virginia Center

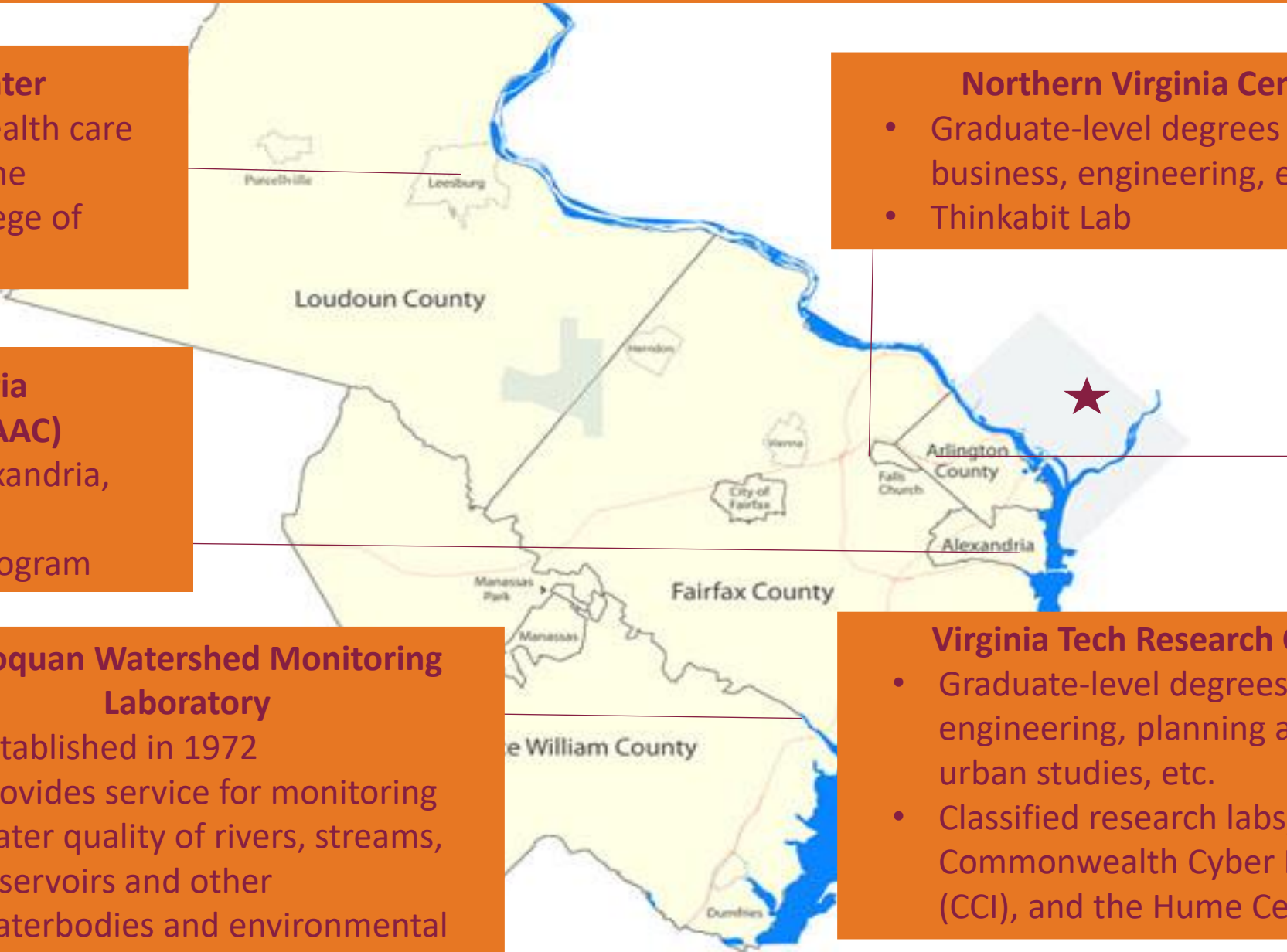
- Graduate-level degrees in business, engineering, etc.
- Thinkabit Lab

Occoquan Watershed Monitoring Laboratory

- Established in 1972
- Provides service for monitoring water quality of rivers, streams, reservoirs and other waterbodies and environmental samples

Virginia Tech Research Center

- Graduate-level degrees in engineering, planning and urban studies, etc.
- Classified research labs, and the Commonwealth Cyber Initiative (CCI), and the Hume Center



A BRIEF HISTORY

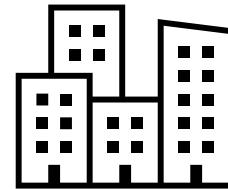
- ▶ Amazon HQ2 Competition **2017**
- ▶ Virginia's "Tech Talent" Proposal **2018**
- ▶ Amazon's Selection of Crystal City/National Landing
- ▶ VT Site Selection Alexandria's Potomac Yard District **2019**
- ▶ City of Alexandria Approval of Site Plan
- ▶ Design of New Virginia Tech Innovation Campus Begins **2020**
- ▶ Virginia Tech Hires Executive Director Lance Collins
- ▶ First Tech Talent Students Enrolled
- ▶ Temporary Location Opens in Alexandria
- ▶ Groundbreaking September **2021**
- ▶ New Academic Building Open Summer **2024**



OUR VISION

The Virginia Tech Innovation Campus will be both ***a place and a culture*** that unlocks the power of diverse people and ideas to solve the world's most pressing problems through technology

A PLACE



WHERE?

3.5-acre site, just south of Four Mile Run in Alexandria's Potomac Yard District

Anchors a 65-acre mixed use district

Near the Potomac Yard/VT Metro Station currently under construction

INNOVATION
CAMPUS





INNOVATION
CAMPUS

SOUTH FACADE



NORTHEAST CORNER



SOUTHWEST CORNER



KEY SPACES: TYPICAL CLASSROOM



KEY SPACES: LOBBY



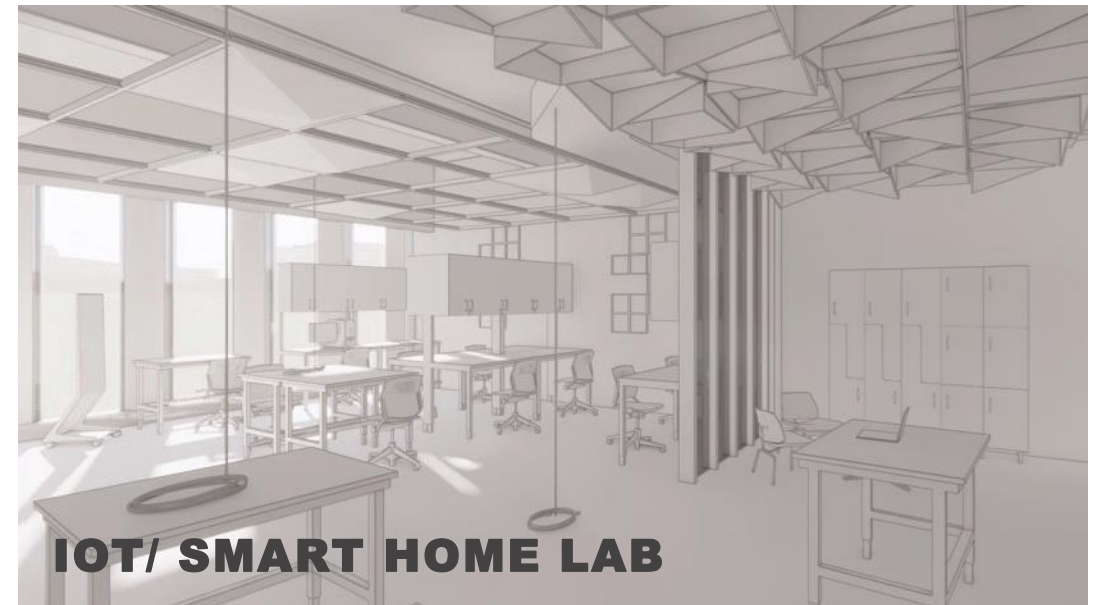
KEY SPACES: THE LOFT



**KEY SPACES
BRAIN GYM / TREE HOUSE**



KEY SPACES: HIGH INTENSITY LABS



KEY SPACES: ADMINISTRATIVE SUITE



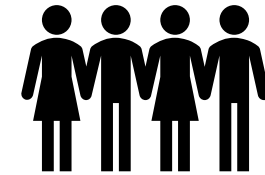


KEY SPACES: 8th LEVEL ROOF TERRACE



INNOVATION
CAMPUS

A CULTURE



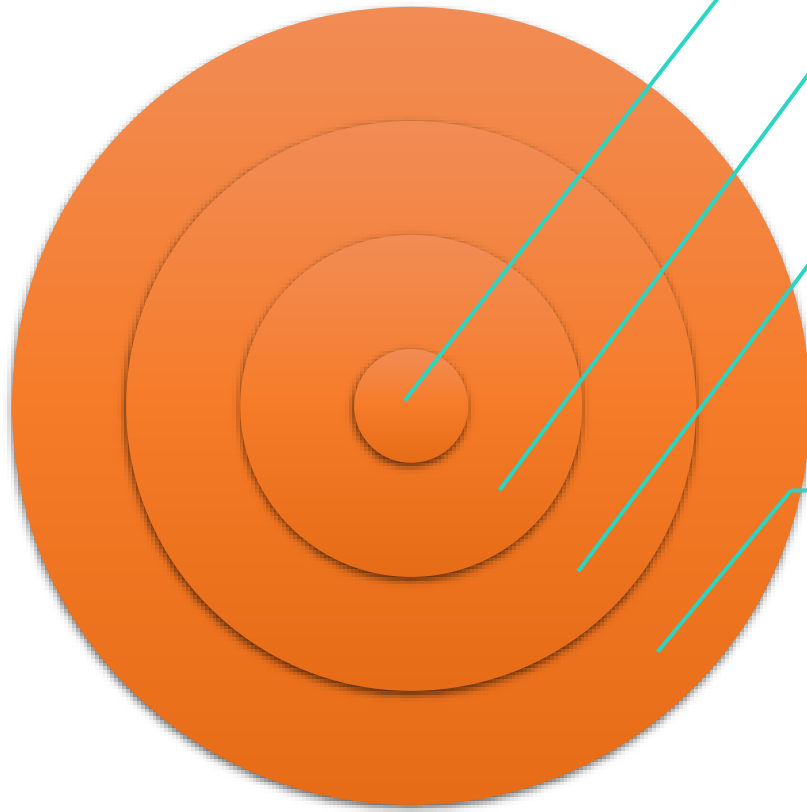


COMMITMENT TO DIVERSITY AND INCLUSION

Students, Faculty, Research and Engagement

DIVERSE STUDENTS

Pursuing a unique graduate education



THE GOAL

Create the nation's leading architects of complex, cutting-edge digital technologies

A NATIONAL IMPERATIVE

Expand the opportunity for groups currently underrepresented in technology fields to realize their potential

INITIAL PROGRAMS

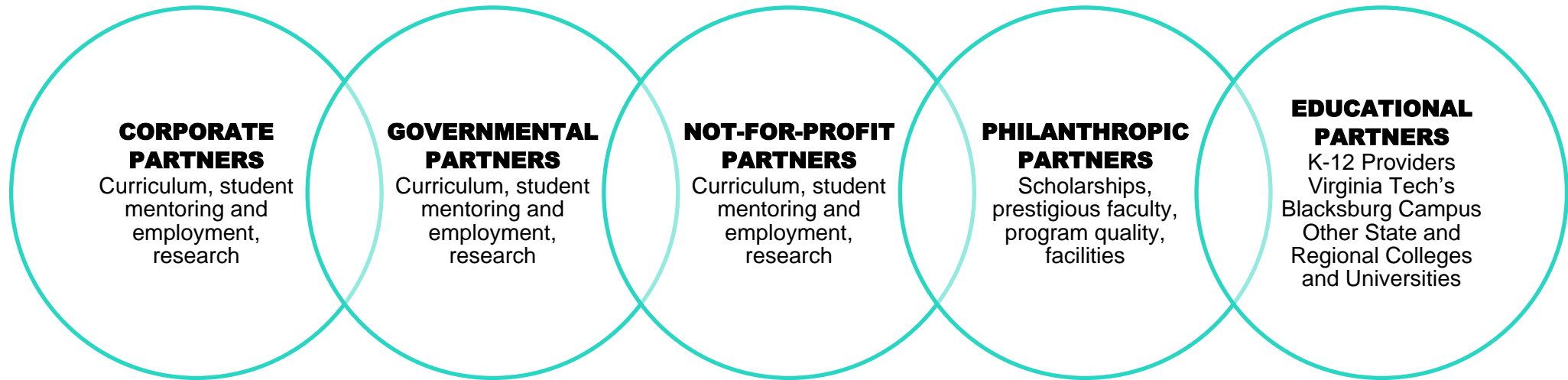
- Master of Engineering in Computer Science and Computer Engineering
- Completed in one-year full-time or in multiple years part-time
- Combination of online and in-person experiences
- Expansion to additional technology focused degrees in the future.

A PROJECT-BASED EDUCATION

Students working together on teams to complete real-world projects solicited from industry, government, not-for-profits and the entrepreneurial sectors.

A COMMUNITY OF PARTNERS

Engaged in all aspects of the Innovation Campus



DEFINING SUCCESS



ENROLLMENTS AND DEGREES

- **Increasing the participation** of underrepresented groups in the technology ecosystem
- **Providing the workforce** needed to advance and grow the local technology economy

PARTNERSHIPS

- **Students participating** in project-based experiences with partner industries and other organizations
- **Those partners engaging** and re-engaging in those opportunities
- **Students finding successful employment** with our partners

TECHNOLOGY ECOSYSTEM

- **Growth and success** of technology companies already in the region
- **New companies starting up** or relocating in the region
- **Impacts of graduates and faculty** in the public and not-for-profit use and governance of technology

THANK YOU

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Virginia Tech

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