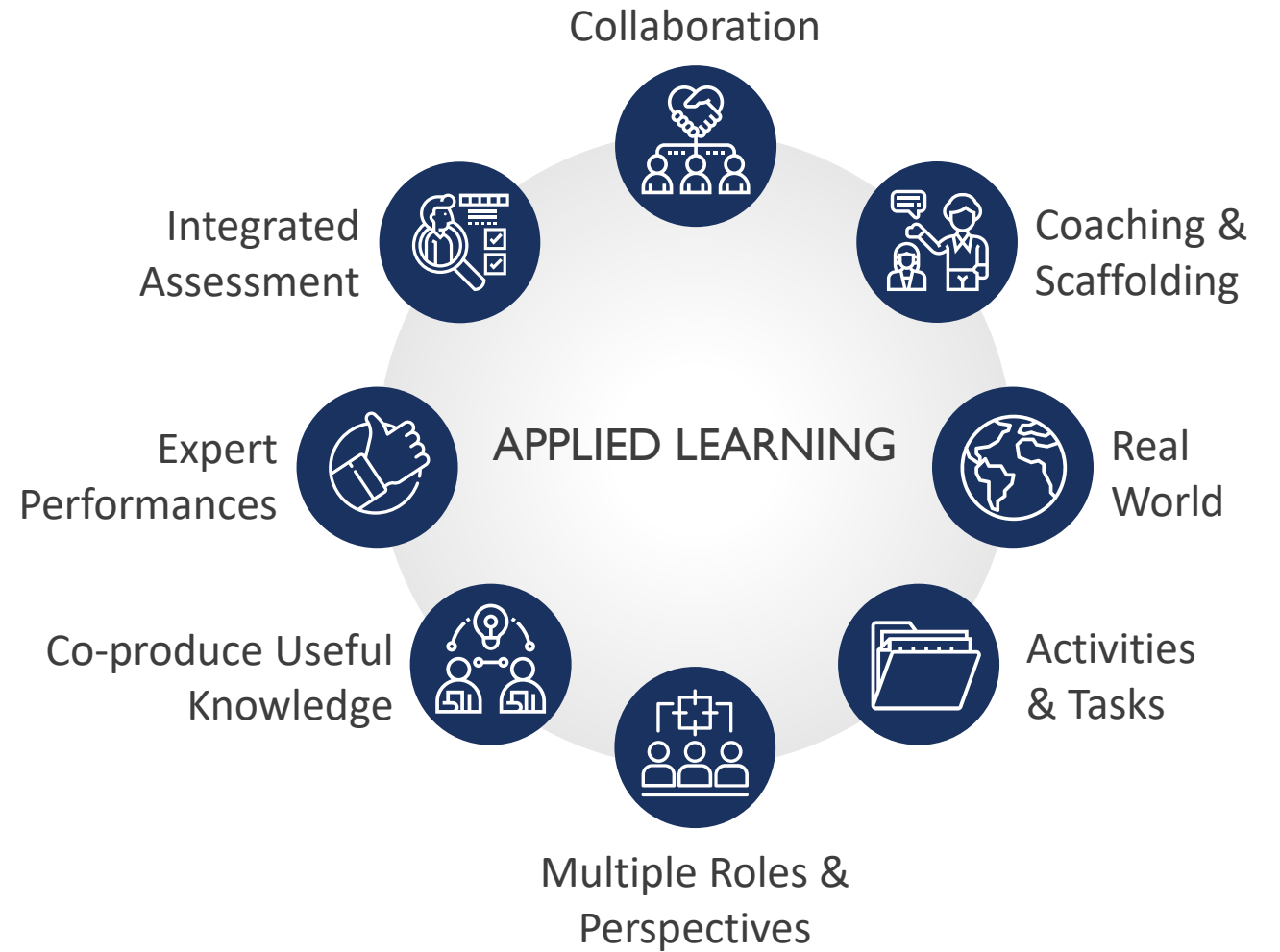


Dr. Zulma R. Toro
President



CENTRAL
CONNECTICUT STATE UNIVERSITY



★ 90,000 Alumni network

Educating Connecticut's Workforce of Tomorrow



90%

of CCSU's grads live and
work in Connecticut



13,308

STEM-related degrees
awarded over past five years



25%

of all our graduates
are in STEM-related fields

INTERDISCIPLINARY BY DESIGN

EXPEDITING INNOVATION ACROSS INDUSTRY SEGMENTS



Aerospace/Manufacturing



Healthcare/Bioscience/Biotech



Criminal Justice



Insurance/Insurtech



Architecture/Construction



Education



INTRODUCTION: CCSU XR LAB



CCSU XR LAB : MODULAR, SCALABLE, AGILE

XR Lab will provide a **lab space and research area for faculty, students, and industry partners to evaluate, explore, and develop Virtual Reality (VR), Augmented Reality (AR), and Mixed Reality (MR) spaces.**

A single large technology investment in one technology is replaced with the XR Lab **bringing together multiple consumer and industry solutions. This will enable students to explore multiple styles of environment and benefits of one application or technology over another.**

XR Lab “cell based” allowing the University to consistently **change or evolve the Lab as new technologies are developed.**

Augmented Reality Market
2020 \$15B
2025 \$77B

Virtual Reality Market
2020 \$6B
2025 \$21B



WAYS TO SUPPORT BUSINESSES: INCUMBENT WORKER TRAINING & EXECUTIVE EDUCATION

Leadership in Industry 4.0

- Achieving sustainable results in disruptive times
- Building high performance teams
- Building a talent pipeline
- Other key topics: IoT, Industry 4.0, Design Thinking

Predictive Analytics & Internet of Things

- Big data
- Sensors
- Embedded Systems
- Networking
- Actuation & Communication

Cybersecurity

- Fundamentals of cybersecurity
- Audit requirements and engagement
- Policy and management
- Incident resolution
- Penetration testing

Product Lifecycle Management

- Digital product definition
- Product data management
- Virtual manufacturing.
- PLM Toolset

CCSU INNOVATION



Architecture &
Engineering



Design &
Manufacturing



Energy



Government



Medical



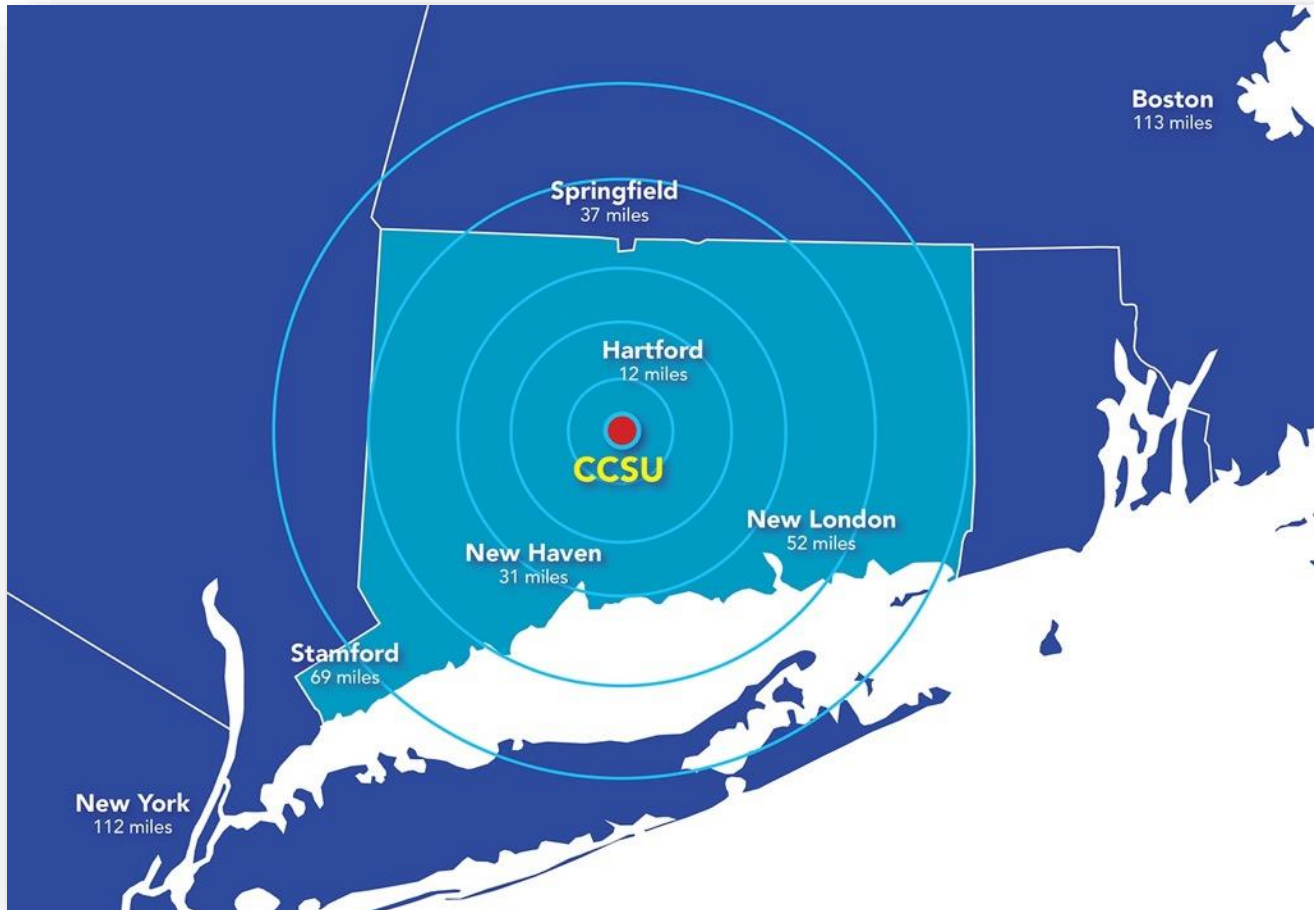
Research &
Education



Museums &
Libraries

DEGREES • CERTIFICATE PROGRAMS • STACKABLE CREDENTIALS • WORKFORCE TRAINING • K-12 INTEGRATION

MAKING THIS TECHNOLOGY MORE ACCESSIBLE TO MORE STUDENTS — AND MORE BUSINESSES



- **CCSU's central location** puts this advanced technology within easy traveling distance.
- **Our low tuition** and focus on first-generation, women and other underserved populations put this applied learning within easier grasp of more students.

Note: NEBHE tuition discount also available for out-of-state students.

THREE INITIATIVES TO FOCUS ON SMALL TO MEDIUM BUSINESS SUPPORT SYSTEMS

- Grants to bring industry into CCSU Applied Innovation Center to test technology, identify potential opportunities, pilot initiatives while being supported by CCSU faculty and staff
- Sponsored research, where CCSU students partner with industry in internships or externships to solve real business problems leveraging CCSU resources
- Faculty fellowships supporting small business research

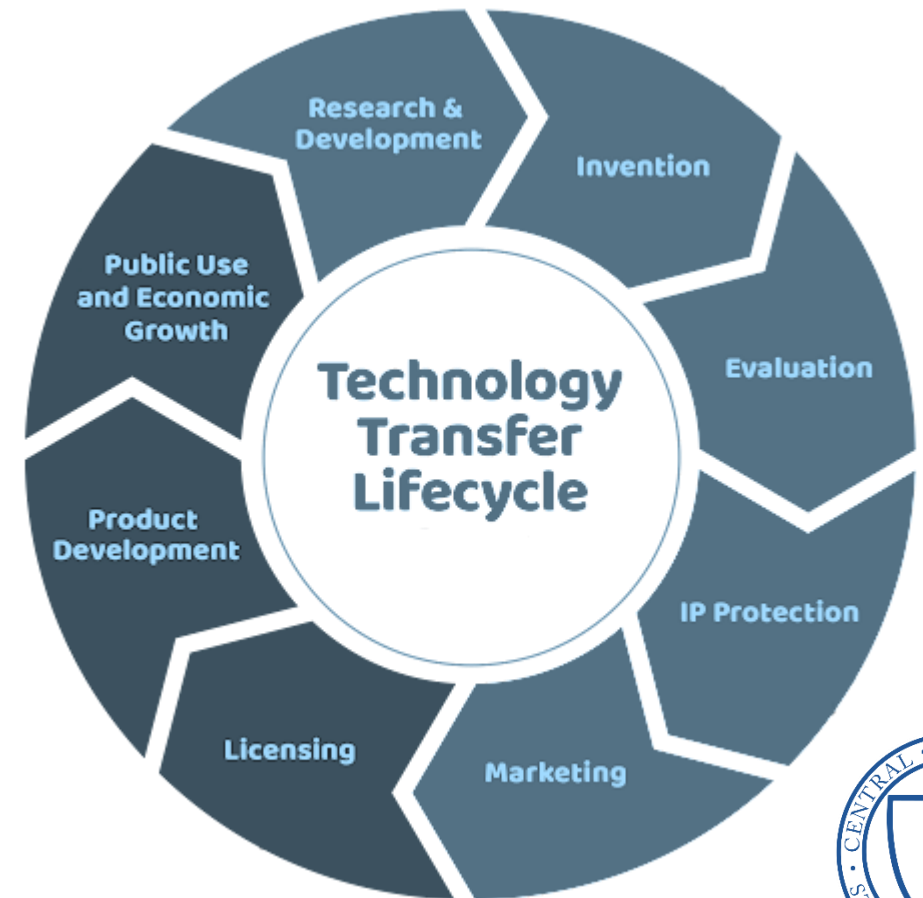


*CCSU Applied Innovation
CCSU students and faculty
working directly with business and
industry on real-world problems,
solutions, and projects.*

GREATER OPPORTUNITIES FOR TECHNOLOGY TRANSFER THROUGH AN INTERDISCIPLINARY APPROACH

Preparing Connecticut for a Knowledge Innovation Economy

- Horizontal and Vertical opportunities
- Leverages CCSU's
 - scaffolded approach to education
 - Internships/Externships
- Embeds students in real-world project teams
- Leverages CT's well organized manufacturing community
- Provides collaboration opportunities between CCSU and industry partners.



NEXT PROJECT INDUSTRY CALL CENTER



INDUSTRY BENEFITS

- Universal need for customer support
- Addresses time-shifting services
- Provides domestic provider
- Ability to develop employees early in university career (Freshman / Sophomore)
- Continuous improvement system
- Leverages Post-COVID growth in telecommuting/remote employees
- Elastic (scalable) workforce able to grow seasonally or with company.

STUDENT BENEFITS

- Curricular student training program integrating customer service, business readiness, support, & analytics
- Universal need for customer support skills
- Provides industry experience and ability to experience corporate culture and values
- Internship career path from junior worker to senior expert
- Training and learning ranging from customer service to business product, use, and customer feedback
- Continuous improvement system

- Telecom infrastructure in place
- Ready workforce
- Training/Education program

*Options for \$2M, 5M, and 10M expansion
up to 200 companies in first two years.*
Immediate catalyst for CT Growth





CENTRAL

CONNECTICUT STATE UNIVERSITY