MAKING LIFE AND LIVES BETTER

Deborah Crawford
Vice Chancellor for Research, Innovation &
Economic Development

Marc Gibson
Assoc. Vice Chancellor for Partnerships &
Economic Development
Strategic Vision

Create a more just, prosperous, and sustainable future through research, scholarship and creative work.
Transformational Goals

#15
State of TN rank for Academic Research Expenditures of 50 states
#21 in 2020

#10
Total Research Expenditures among public institutions without a medical school
#14 in 2020

#25
State of TN rank in State New Economy Index of 50 states
#30 in 2017
Enhance UT’s reputation as a leading research university

Translate research outcomes to have impact in the world

Invest in supporting infrastructure and frameworks
Reputation: Innovation Platforms

Advanced Materials & Manufacturing

Collaborative Intelligence

Global Energy Ecosystems

One Health
Reputation: Sponsored Projects at Scale

• (>1 million annually)
• convene multidisciplinary communities of scholars
• seed investments to enhance competitiveness
• college- & university-level support for large-scale submissions
• nurture industry partnerships
Strengthen UT research brand

Faculty ambassadors
National-level marketing
Strategic communications
Leadership grants and contracts
Impact: New Economy Growth

Dynamic Partner Network

- Spark Innovation Center
- techstars
- UT Research Foundation
- UT Oak Ridge Innovation Institute
- Innovation Crossroads
- Launch Tennessee

Tools Used

- Invention disclosures
- Patents issued
- Licenses executed
- Start-ups incubated & accelerated
- Industry partners
- Master research agreements
- Community partners
Impact: Place-Based Innovation

Creating value through an interrelated set of people, places, and program assets.
Invest: Infrastructure & Frameworks

Research cores  Cyber infrastructure  Built infrastructure  Postdoctoral success

Multi-disciplinary translational culture
Institute for Advanced Materials & Manufacturing

1. World-class Microscopy
2. Quantum Materials
3. Manufacturing Innovation Initiative
4. Spark Innovation Center
5. Shull-Wollan Center
Discussion