A Vision for UTSA’s Downtown Campus

Dr. Taylor Eighmy
August 8, 2018
Operation
Defend the Dome

September 8 at 6:00 p.m.
UTSA vs Baylor home football game

For every ticket purchased between Aug. 13 – Sept. 7, UTSA will match sales and donate tickets to San Antonio active duty and Veteran military families

Call or text 210-458-UTSA for more info
10 Aspirant Peer Models of Excellence

UC Irvine

Arizona State University

University of Central Florida

UC Riverside

George Mason University

University of California, Santa Cruz

Florida International University

Carnegie R1 Institutions

UMBC

Georgia State University

Portland State University
PRESIDENTIAL INITIATIVE

Campus Master Plan

Enhancing engagement with the San Antonio community

Meeting the infrastructure needs of our growing student population
Reimagining the Downtown Campus
Hidden in plain sight: The oversized impact of downtown universities

Scott M. Russell
October 2017

CICEP | INNOVATION AND ECONOMIC PROSPERITY UNIVERSITIES
CASE STUDY 2015
The Downtown Campus
IMAGINE
ASU: “One university in many places”
Fall 2016 Enrollment: 98,146

Tempe: 51,869
Thunderbird: 297
Downtown Phoenix: 11,737
West: 3,663
Polytechnic: 4,380
SkySong (online): 26,200
Imagine

ASU Downtown Campus Footprint

- 11,500 students (going to 15k)
- 18 acres
- 19 buildings
- 3M GSF (going to 4M)
- 2,000 beds (going to 3,000)
- Light rail to other campuses
- Bus loops
- Rec Center
- Mixed use
Proposed: Thunderbird School of Global Management
Beus Center for Law & Society
Taylor Place South Residence Hall
University Center
O'Connor College of Law
College of Nursing and Health Innovation
• Thunderbird School of Management (moving)
• College of Health Solutions
• College of Integrative Science and Arts
• Walter Cronkite School of Journalism and Mass Communication
• Sandra Day O’Connor College of Law
• Graduate Education
• College of Public Service and Community Solutions
• College of Nursing and Health Innovation
• Mary Lou Fulton Teachers College
• Barrett, The Honors College
• University College
Imagine
UTSA’s Downtown Campus in 10 Years

- 15,000+ students
- 1,000+ faculty
- 1,000+ staff
- 4+ colleges
- 2 new schools
- 2 new institutes
- Distributed, residential campus
- Comprehensive student experience
- Development catalyst for the near West side
- Attractor for corporations
- Dramatic impact to the future of our city
UTSA’s Downtown Campus Today
A New Vision
IMAGINE
A Distributed Campus Model

Downtown & Tech Corridor

Cattleman's Square

UTSA Campus
PRESIDENTIAL INITIATIVE

Downtown Campus

Creating a comprehensive living and learning experience

- Academic pathway block scheduling
- Downtown housing options
- Expanded student activities and support services
- Shuttle service to the Main Campus
National Security Collaboration Center
Cyber UTSA
A leader in cyber education since 1999

**STUDENTS**
- 3,145 undergrads in cyber, cloud, computing & analytics
- 323 masters students
- 164 doctoral students
- 98 students earned undergraduate cybersecurity degrees in 2017-18
- 26 students earned graduate cybersecurity degrees in 2017-18

**FACULTY**
- 70
  - Six of which are endowed from entities such as AT&T and Rackspace (80/20 Foundation)
- 4 out of 9 colleges at UTSA include cyber programs

**RESEARCH**
- $100+ Million
  - Research awards in cyber programs since 2000

**RANKINGS**
- #1 Cybersecurity program
  - Ponemon Institute
- #2 Cybersecurity graduate program
  - Universities.com
Proposed National Security Collaboration Center Ecosystem

24th Air Force (Cyber Command)
25th Air Force (formerly Intelligence, Surveillance and Reconnaissance Agency)
NSA Texas

Army Research Laboratory
Air Force Research Laboratory

Department of Justice
Federal Bureau of Investigation
Department of Homeland Security
US Secret Service
Dept. of Energy
National Labs

+ additional federal partners

Government
University
Industry

+ multiple data centers
+ state and local agencies
+ defense technology businesses

Rackspace
Raytheon
Accenture
Loki Labs
Cisco
USAA
Noblis
CPS Energy
LGS Innovations
Peraton
Booz Allen Hamilton
Parsons
PwC
IP Secure
National Security Collaboration Center

- Fills dire need for cybersecurity workforce
- Fuels San Antonio’s Tech Corridor
- Supports major companies growing or moving to San Antonio
- Aligns with federal agency presence
- Advances San Antonio’s position as a leader in national security
- Hub for Texas Cyber Corridor
UTSA IS ACTIVELY PURSUING 11 ADDITIONAL INDUSTRY PARTNERSHIPS

National Security Collaboration Center
Current Industry Partners

CISOs
- top producer in the nation

collaboratory
- solving the nation’s intractable cyber problems

partners
- leaders in the industry

Booz | Allen | Hamilton
Peraton
accenture
Raytheon
UTSA
noblis
PARSONS
PORT SAN ANTONIO
LGS INNOVATIONS
BUILD SEC FOUNDRY
National Security Collaboration Center
Current Federal Partners

coordinated federal response

synergy with federal agency density in San Antonio

model Government-University-Industry partnership
National Security Collaboration Center

- Research Centers
  - Cyber Center for Security and Analytics
  - Collaborative research and training spaces
  - Center for Infrastructure Assurance and Security

- Sensitive Compartmentalized Information Facility
  - Classified Research
  - Federal Partners / Contractors

- Cyber Protective Operations Center
  - Federal Partners

- Computational Technology
  - Visualization Laboratory
  - High Performance Computing
  - Cyber Range

- Innovation Factory
  - Early Stage Technologies
  - Student & Faculty Start Ups
School of Data Science

Unleashing the power of data
Departments of Computer Science & Computer Engineering
Department of Statistics and Data Science
Department of Information Systems & Cyber Security
The Center of Infrastructure Assurance & Security

The Cyber Center for Security and Analytics
The Institute for Cyber Security
The Open Cloud Institute
The Texas Sustainable Energy Research Institute
School of Data Science

- Foundational to cybersecurity programs
- Answers the national call for workforce needs
- Brings distinction to San Antonio – the first school in Texas
- Supplies intellectual talent to companies in the Tech Corridor
- Generates synergy with federal agencies
School of Entrepreneurship & Technovation

Nurturing the big ideas that transform our world
Prototype labs
Entrepreneurship incubators
Creative spaces for startups, collaboration
Degree programs and professional certificates
Living/learning facilities
Meetups and workshops
Business model competitions
Commercialization programs
Innovation bootcamps
School of Entrepreneurship & Technovation

- Positions San Antonio as a leader in a new field
- Responds to increased interest in entrepreneurship nationally
- Translates UTSA’s research into economic development
- Supplies intellectual talent to companies in the Tech Corridor and Geekdom
Urban Education Institute

Eradicating poverty through education
Urban Education Institute

- High quality research impacting education policy and practices
- Partnerships with K-12 and community organizations
- Residential experiences for undergraduate and graduate students, connecting theory to practice
- Development of a University Lab School
- Leadership development
- Policy studies
Urban Education Institute

- Embeds faculty expertise directly in San Antonio schools
- Accelerates teacher workforce production
- Leverages the innovation-friendly culture of San Antonio
- Establishes a Laboratory School – unprecedented in Texas
Urban Science Institute

Driving public policy and the future of San Antonio
Tackles urban challenges through new disciplines
Combines big data, data science & data visualization
Essential for transportation and growth planning
Establishes the first institute of its kind in Texas
Imperative to San Antonio as a major city
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