

UTSA[®]

The University of Texas
at San Antonio[™]

Construction
Industry
Advisory
Council

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May 24, 2018



UPCOMING INITIATIVE

Campus Master Plan

Enhancing engagement with the
San Antonio community

Meeting the infrastructure needs
of our growing student population

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Where We Are Today



Imagine UTSA in 10 Years...

- 2+ campuses
- NRUF/Carnegie R1
- > 45,000 students
- > 2,000 faculty
- \$400M in research expenditures
- Endowment of \$500M
- 300 endowed chairs/professorships
- A destination of choice for students
- Urban-serving
- Hispanic-thriving
- 3M square feet of new construction across 3 campuses
- 25 annual faculty prestigious awards
- 15 faculty in the national academies
- Commensurate athletics conference membership



Reimagining the Downtown Campus



IMAGINE

**ASU
Downtown
Campus**

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



IMAGINE

ASU Colleges and Schools

- 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 "Centro" Campus

- 15,000+ students
- 1,000+ faculty
- 1,000+ staff
- 3+ colleges
- 2 new schools
- 2 new institutes
- Distributed campus
- Anchoring the near West side
- Residential campus with neighborhoods
- Comprehensive student experience
- Dramatic impact to the future of our city

UTSA's Downtown Campus Today





**A New
Vision**

Distributed Campus Model

Near West Properties

Core Campus

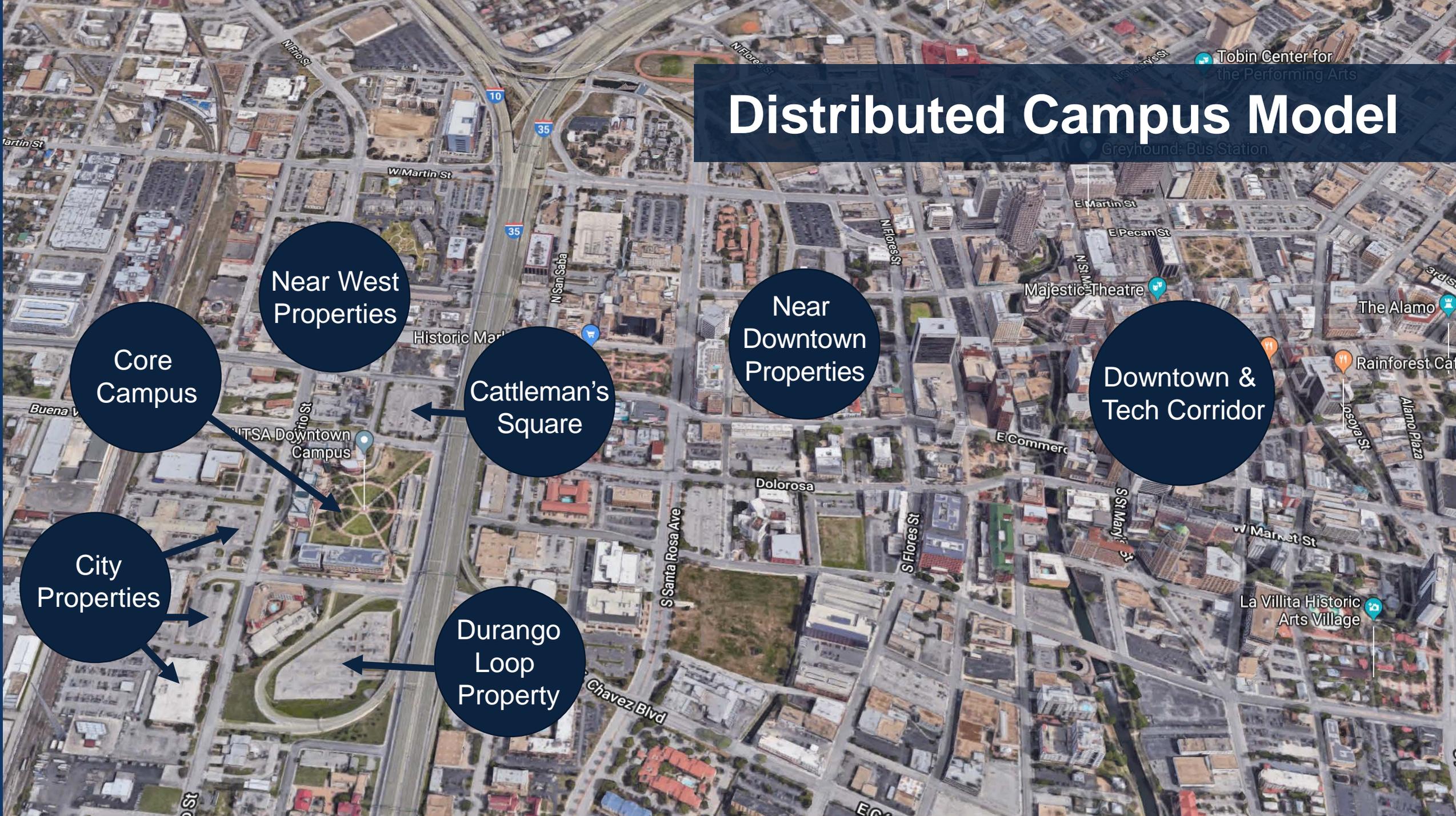
Cattleman's Square

Near Downtown Properties

Downtown & Tech Corridor

City Properties

Durango Loop Property



VISIONING PARTNERSHIP

Urban Land Institute SA

- UTSA
- Councilwoman Shirley Gonzales
- City of San Antonio
- Westside Development Corp.
- Bexar County
- Zona Cultural
- Neighborhood Groups
- VIA
- TxDOT
- San Antonio River Authority
- Sheriff's Office Bexar County
- SAISD
- Westside Schools (e.g. Lanier)
- San Pedro Creek Project
- San Antonio Housing Authority
- Children's Hospital
- University Health System
- UT Health San Antonio
- Haven for Hope
- Esperanza Center





UTSA

National Security Collaboration Center

Cyber UTSA

A leader in cyber education since 1999

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

Students

2,000+

undergraduate students in cyber and related fields

250+

graduate students

80+

doctoral students

98

students earned undergraduate cybersecurity degrees in 2017-18

26

students earned graduate cybersecurity degrees in 2017-18

Research

\$100+ Million

Research awards in Cyber programs since 2000

Rankings

#1

Cybersecurity undergraduate program
Ponemon Institute

#2

Cybersecurity graduate program
Universities.com

Alignment with San Antonio's National Security Landscape



100,000
square feet

5 floors

National
Security
Collaboration
Center

UTSA

Loki Labs

Microsoft

noblis

Raytheon

IPSECURE

LGS
INNOVATIONS

BUILD SEC
FOUNDRY

IOMAXIS

POLARIS
— ALPHA —

accenture

pwc

*In late stage discussions
with 7 additional companies*

IMAGINE

**National Security
Collaboration
Center**

**Research
Centers**

- Open Cloud Institute
- 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

IMAGINE

**National Security
Collaboration
Center**

Texas Cyber Corridor



IMPACT

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

School of Data Science

School of Data Science

Unleashing the power
of data

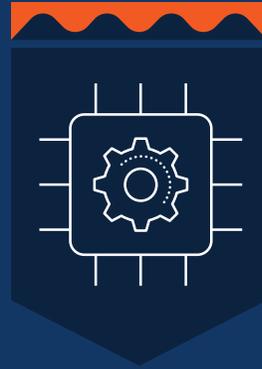


Columbia University
Data Sciences Institute

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

IMPACT

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





UTSA

School of Entrepreneurship & Technovation

School of Entrepreneurship & Technovation

Nurturing the big ideas
that transform our
world



University of Utah
Lassonde Entrepreneur Institute

Degree programs and professional certificates



Prototype labs



Entrepreneurship incubators



Creative spaces for startups, collaboration



Living/learning facilities



Meetups and workshops



Business model competitions



Commercialization programs



Innovation bootcamps

IMPACT

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





UTSA

Urban Education Institute

Urban Education Institute

Eradicating poverty
through education



University of Chicago
Urban Education Institute

Urban Education Institute



High quality research
impacting education
policy and practices



Development of a
University Lab School



Partnerships
with K-12 and
community
organizations



Leadership
development



Residential experiences
for undergraduate and
graduate students,
connecting theory
to practice



Policy studies

IMPACT

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





UTSA

Urban Science Institute

Urban Science Institute

Driving public policy
and the future of San
Antonio



New York University
Center for Urban Science & Progress

University of Chicago
Urban Center for
Computation and Data



MIT
Senseable City Lab



ORNL
Urban Dynamics
Institute



NYU
Center for Urban Study
and Progress



IMPACT

Urban Science Institute

- 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



LOOKING AHEAD

Downtown Campus Initiative

PHASE ONE NOW

- NSCC
- Urban Education Institute
- School of Data Science

PHASE TWO SUMMER/FALL 2018

- Urban Speaker Series
- ULI Downtown Campus Effort
- Campus Master Planning
- PUF/TRB Requests
- Cattleman's Square RFP
- Others TBD

PHASE THREE 2019 AND BEYOND

- School of Entrepreneurship & Technovation
- Urban Science Institute
- Capital Campaign & 50th
- Others TBD