

TXST
NEXT

NEXT IS NOW.

Partnering with Texas State University for
Talent Pipeline and Collaborative Research
in the Americas

Houston Gateway of the Americas IV

12/02/2021

TEXAS STATE UNIVERSITY: THE HEART OF THE TEXAS INNOVATION CORRIDOR



Texas State University is located in San Marcos, Texas, in the heart of the Texas Innovation Corridor.

We have been dedicated to excellence and innovation since 1899:

- **7th largest university in Texas/#3 in applications**
- **38,000 Students/8,000 from Houston MSA**
- **200+ Degree programs**
 - 98 Bachelor's
 - 91 Master's
 - 14 Doctoral
- **48% First-generation students**
- **Hispanic Serving Institution**
 - 54% of students identify as minorities, 40% Hispanic
- **\$70.7 Million in Research and Development spending in FY20/"Emerging Research University"**
- Noted **applied research** strengths in Water, Construction, Materials Science, Smart Technologies, Translational Health and Data Science.

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Faculty and Students

We are builders and creators, pushing the boundaries of what human ingenuity can do.

Our **faculty** are the backbone of all we do for the future of our students.

We attract hard-working, curious and creative daring and determined **students**.

We have forward-looking **academic programs** to ensure our students are prepared for a constantly evolving job market.

- Low student to faculty ratio
- Easy access to faculty
- Opportunities for research and discovery
- Entrepreneurial mindset developed and supported
- Two campuses, one university
- Very Hispanic friendly environment
- You will make the NEXT big thing



Texas State University is driving what's NEXT in **education** to provide a **talent pipeline** that is prepared to lead with new knowledge and innovative technology for engineering, science, health, and business.

We are building on our **historic ties to Latin America and Spain** to help take the University to the NEXT level.

We have university partnerships in:

- **Spain**
- **Chile**
- **Mexico**
- **Columbia**
- **Ecuador**
- **Brazil**
- **And most recently, Panama**

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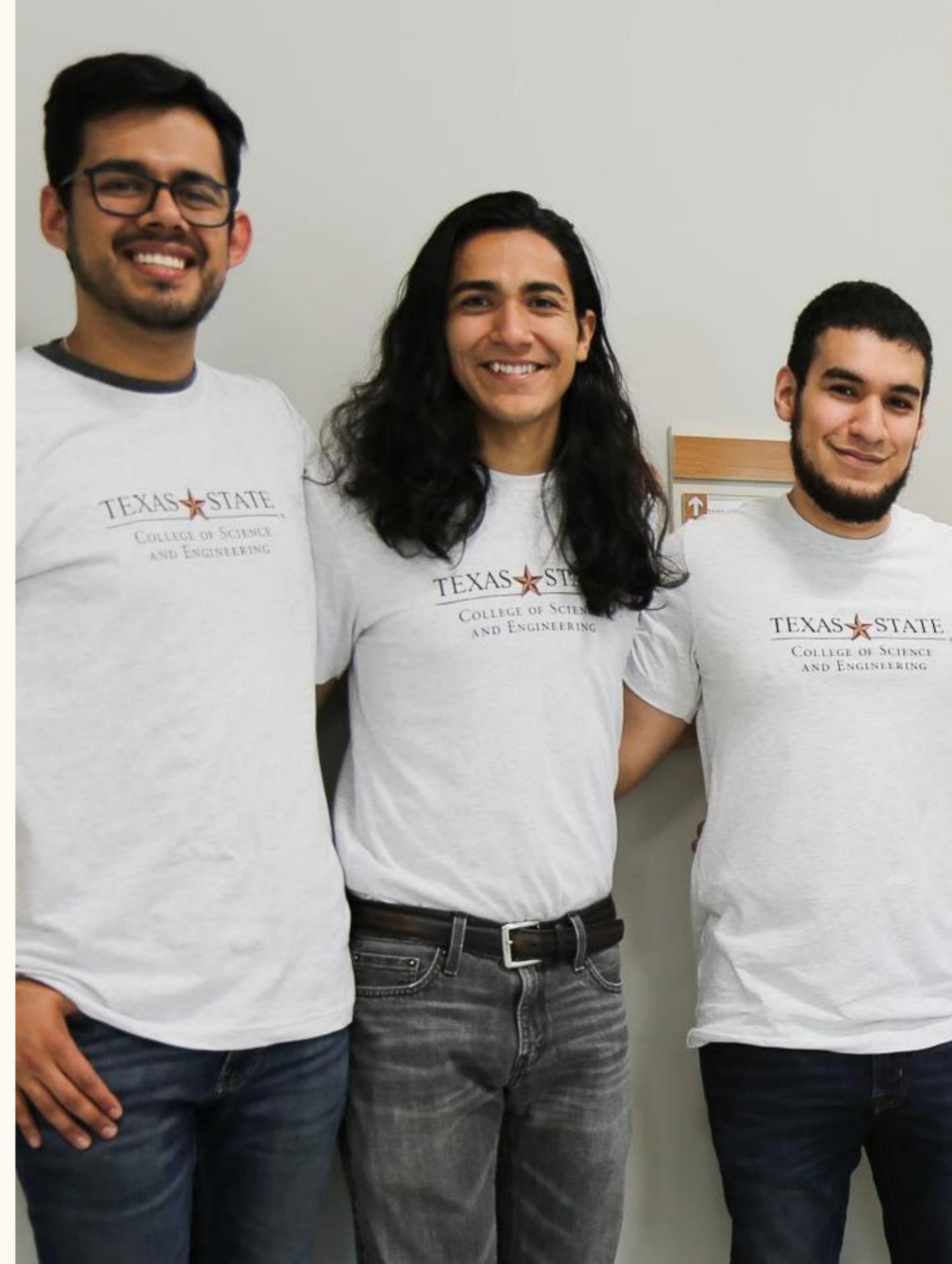
Success Built on Effective Programs

Applied and hands-on learning based on cutting-edge research conducted in state-of-the-art facilities, prepares our students to build a better world.

Master's and doctoral degrees, and certificate programs include:

- **Civil Engineering**, in the Ingram School of Engineering
- **Mechanical Engineering**, new (Fall 2022) advanced manufacturing “Industry 4.0” bachelor’s degree in the Ingram School of Engineering
- **Computer Science**, in the College of Science and Engineering
- **Construction Management**, in the Department of Engineering Technology
- **Material Science, Engineering and Commercialization**, Ph.D. program in the College of Science and Engineering
- **Data Analytics and Information Systems**, new master’s degree in McCoy College of Business Administration
- **College of Health Professions**, new master’s degrees in Nursing and new bachelor’s degree in Health Administration
- **Quantitative Finance and Economics**, new master’s degree in the Department of Finance & Economics
- **Water Resources Policy**, new certificate program, in the Department of Geography and Environmental Studies

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Material Science, Infrastructure, and Computer Science

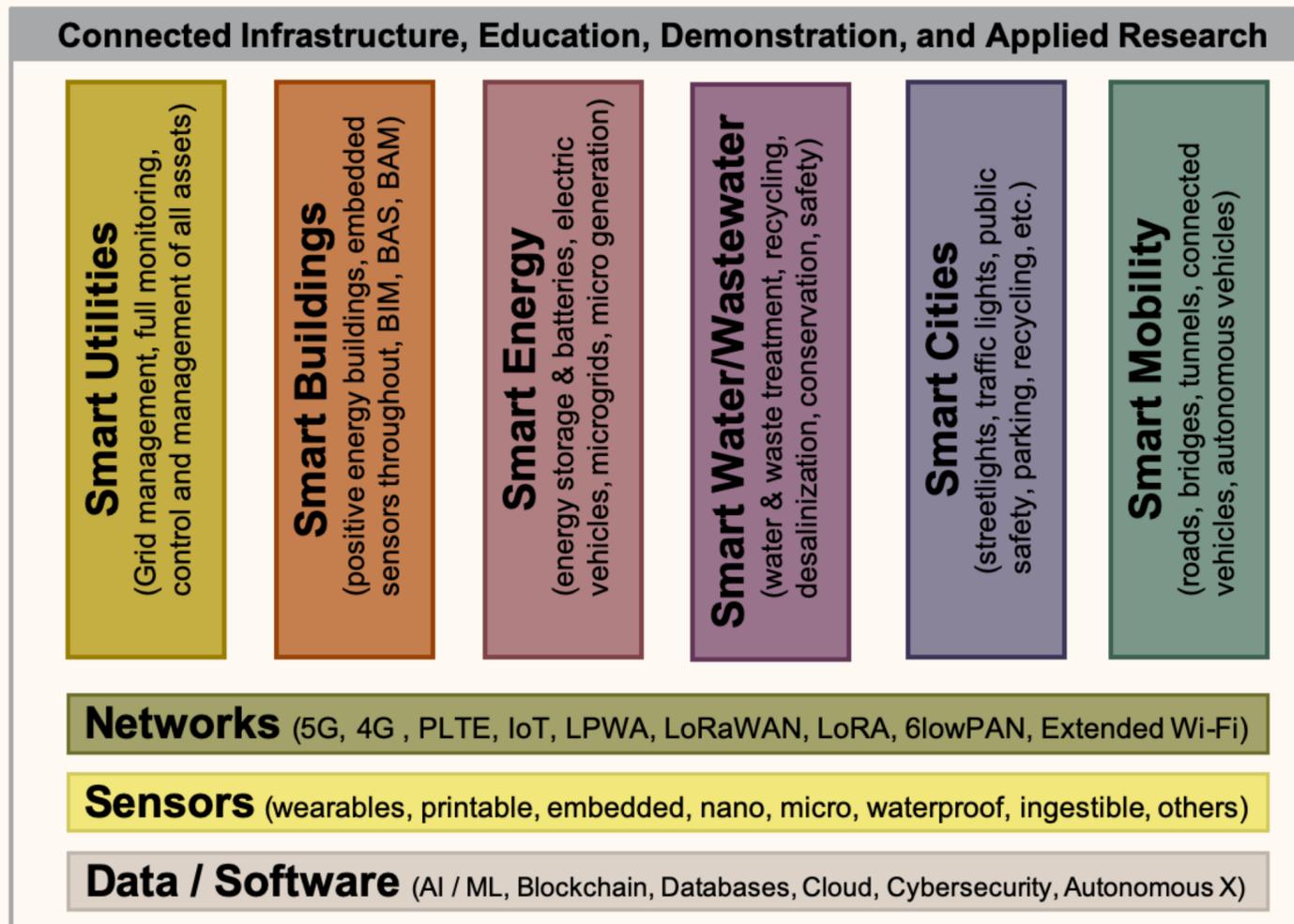
Our goal is to build a stronger talent pipeline from academia into the construction industry and government — and set a shared research agenda that will meet the needs of the growing 21st-century infrastructure industry.

- **Leading in Civil Engineering** with a holistic emphasis on the application of technology to the life-cycle management of infrastructure assets (“**Technology-enhanced Infrastructure**”).
- **Innovative Materials Science** with a cutting-edge materials science, engineering, and commercialization (MSEC) Ph.D. program, and one of 4 Concrete Management Institutes in the US.
- **Computer Science graduate study** with programs designed to prepare students for careers in computer science and software engineering.
- **Online Construction Management** is a graduate program offered 100% online.
- **Aquatic and Conservation Studies** is a multi-disciplinary program of study and research based on aquatic sciences and resources.

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Leaders in Material Science and Infrastructure Education and Research.

We launched a public-private research and development initiative called **Connected Infrastructure for Education, Demonstration, and Applied Research (CIEDAR)**, composed of 9 “Living Labs” as part of our Technology Enhanced Infrastructure vision.



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