

## LEGISLATIVE BRIEF

# BOLD RESEARCH INITIATIVE

Significant new investment for transdisciplinary collaborative R&D through state-of-the-art instrumentation acquisition and specialized facilities upgrades for computation, materials handling and visualization

**FUNDING REQUEST** | \$16M per year; \$32M per biennium

### BOLD INITIATIVE

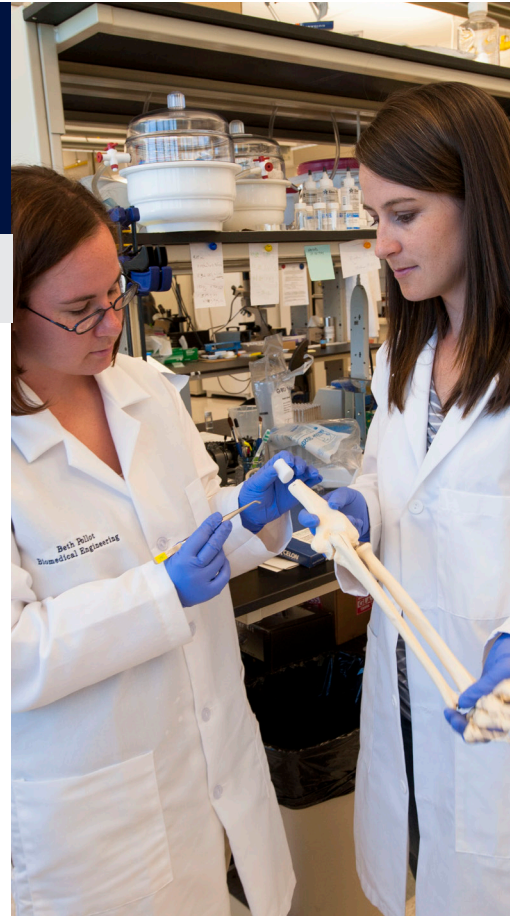
UTSA has developed an unparalleled knowledge enterprise that is driven by world-class investigators who are committed to collaboration, innovation and entrepreneurship. The Bold Research Initiative (BRI) fosters competitive grant proposals with the National Science Foundation (NSF), the National Institutes of Standards and Technology (NIST), the National Institutes of Health (NIH) and the Department of Defense (DOD).

### STRATEGIC INVESTMENTS

BRI is building a talent ecosystem for high impact research and applied technology development to solve society's grandest challenges. The initiative is a strategic R&D investment in **quantum security, AI, cloud computing, data analytics, microelectronics, and next gen communication**. It's also an investment in bioengineering and related fields like **materials science, tissue engineering, neuroscience and immunology**. Additionally, BRI builds talent for Texas's **data sciences, IT security, cybersecurity, microelectronics and human bioengineering** sectors by providing salaries, stipends, fellowships and start-up packages for strategic faculty hires, post-docs, technicians, graduate students and undergraduate researchers.

### IMPACT

To build upon our national successes, UTSA requires additional investments in research expertise, advanced technology and research infrastructure. Leveraging state investment, BRI will build an innovation ecosystem for high impact research and applied technology development that creates solutions for global grand challenges. This initiative will expand UTSA's research reputation and further mature and expand public and private collaborations to increase UTSA's national competitiveness, while garnering new funding sources for program sustainability.



### FOR MORE INFORMATION

**Jason Hassay**

*UTSA Government Relations*

o: 210.458.5102 | m: 512.413.9598

[jason.hassay@utsa.edu](mailto:jason.hassay@utsa.edu)

**Albert Carrisalez**

*UTSA Government Relations*

o: 210.458.5138 | m: 210.452.7557

[albert.carrisalez@utsa.edu](mailto:albert.carrisalez@utsa.edu)

*Updated January 5, 2023*

# LEGISLATIVE BRIEF

## BOLD RESEARCH INITIATIVE

### THE CHALLENGE

The greatest challenge to attracting top talent is having state-of-the-art facilities, equipment and research capabilities that will ensure scholarly success. To build upon the university's trajectory we must continue to invest in the resources that will propel UTSA to the forefront of world-class research and assist in drawing top talent to Texas. UTSA will use this bold investment to design world class life and physical sciences research facilities and to strengthen our ability to conduct biomedical research. Further investment is needed to meet industry demands, requiring UTSA's expansion of research information technology capabilities and secure facilities. These investments will allow the university to build upon the successes established around human health, national security and the digital economy.

### SUCCESS STORIES

Over the last three years, UTSA led a robust slate of strategic initiatives that have fueled the institution's national reputation. These initiatives not only helped UTSA achieve Carnegie R1 status but have enabled the launch of UTSA's new School of Data Science (SDS) and the National Security Collaboration Center (NSCC).

As the first of its kind in the state of Texas, the SDS in partnership with the NSCC, further solidifies San Antonio's status as the largest information security hub outside Washington, D.C. Propelling the institution's momentum in 2021, UTSA was also selected by the U.S. Department of Energy to lead the Cybersecurity Manufacturing Innovation Institute (CyManII). This win illustrates the power of collaboration and positions UTSA as a national leader in cyber-secure manufacturing.



EXPENSES	FY2024	FY2025
Salaries and Wages	\$1.25 M	\$1.3 M
Other Personnel Costs	\$750 K	\$800 K
Faculty Salaries	\$3.5 M	\$3.65 M
Operating Expenses	\$10.5 M	\$10.25 M
<b>TOTAL</b>	<b>\$16 MILLION</b>	<b>\$16 MILLION</b>