

Scientists Celebrate Research & Innovation in North Texas



(from left to right) Scott Parsinen, Apnatomy,
Davis Hoang, MBA, Patturn, Tyler Sickels, SolGro,
Treyvon Perry, Von Perry, Dennis Hoang, MBA, Patturn,
and Debra Weidanz, MS, Resonant Sensors



(left to right) Venu Varanasi, PhD, UTA and
Nicholas Gans, PhD, UTARI

In recognition of the ingenuity and creativity of its alumni, students, faculty and staff; The University of Texas at Arlington held its annual Celebration of Research and Innovation.

The event joined top scientists, inventors, business leaders, entrepreneurs, commercialization experts and more in recognizing the impact of scientific research and technology at the university; and predicting a bright future for bioscience, medical device and biopharma manufacturing in North Texas. More than 30 members of the UTA community were recognized for earning patents over the pandemic years.

With exhibits and panel discussions from the Bone-Muscle Research Center, the North Texas Genome Center, the Center for Entrepreneurship and Economic Innovation, and others; the event celebrated and honored the innovation, inspiration and collaboration at UTA that has made the university synonymous with academic and research excellence in Texas.

The Core Facilities and expertise that the university offers are open for business and can propel the economic growth of our industry.

Advanced Research Facility Develops Technology of the Future





Dr. Muthu Wijesundara's wound-healing prototype glove

The University of Texas at Arlington Research Institute (UTARI) connects cutting-edge discovery, development, and technology commercialization. This combination leads to technology-based economic development benefiting our society.

A premier research institute, UTARI is transforming ideas into realities through unbounded investigation and innovation that sustain business and industry, advance humankind and benefit our world. At UTARI the collaborative endeavors reflect a commitment to excellence, integrity, and respect for all, bringing economic growth and fulfillment to families, business partners, universities, and communities.

The research institute's facility which houses 6 different labs, ranging from autonomous drone computing to AI Robotics, to Biomedical sciences and Health research is located in Fort Worth. Whether it is anticipating and preparing for the problems of the future or troubleshooting problems of today; UTARI and North Texas are answering the call.

[Learn more about UTARI](#)

UTARI Project Wins 1st Place at National Spinal Injury Conference



UTARI's Biomedical Technologies Division's poster won first place at the American Spinal Injury Association's (ASIA) Annual Scientific Meeting held in Atlanta. The poster, "Feasibility Study of Smart Seat Cushion for Automated Interface Pressure Modulation" is focused on evaluating the smart seat cushion's functionality in mapping, redistribution and offloading the seating interface pressure. The smart seat cushion monitors and modulates seating interface pressure in real-time to reduce pressure ulcer prevalence among wheelchair users.



[Read full press release](#)

Arlington's Shimadzu Institute Highlights a Bright Future for NTX Research Technology



One of Shimadzu Institute's many Illumina sequencers



(from left to right) Aaron BenComo, MD, BioNTX and Jeffrey Campbell, MS, Shimadzu Institute

This week, BioNTX was given an exclusive tour of the Shimadzu Institute for Research Technologies at the University of Texas at Arlington. The world-class think tank and education center focuses on providing access to instrumentation and expertise to support investigative research. *Did you know that this Tier-One University in North Texas houses multiple Illumina next-gen sequencers and other state-of-the-art instrumentation that can support your scientific development?*

Operating on the premise that eliminating barriers to research technologies and creating a mutual space for scientific interaction promotes innovation and progress the Shimadzu Institute is driving leading-edge research with major impacts.

Researchers and entrepreneurs alike, are encouraged to contact the Shimadzu Institute for business inquiries.

[Learn more about the Shimadzu Institute](#)

[Contact Shimadzu Institute](#)

AISD Prepares Students for Future BioMedical Careers



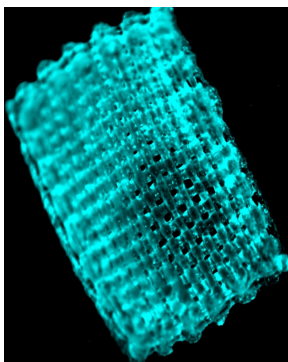
Arlington's Independent School District (AISD) has teamed up to help prepare high school students for future medical and bioscience careers through the Health Science & Biomed Health Science Practicum Program. The program provides students with real-world experience and hands-on training with experienced health professionals. Upon completion, students have the opportunity to receive nationally recognized certifications.

[Read full press release](#)

Harnessing Biomaterial & Nanotechnology Will Shorten Bone Healing Time



Venu Varanasi, PhD



Nanoparticle biopolymer scaffold

In Arlington, at the Bone-Muscle Research Center in the College of Nursing and Health Innovation, Dr. Venu Varanasi Ph.D is developing and advancing semiconductor biomaterials to optimize bone growth and healing in patients suffering from cranial bone defects.

“Our project is to make some new materials that can improve the healing rate for the fixative implants and improve the stability of the degradable materials so the bone can generate faster in both situations,” Dr.

Varanasi said.

[Read full press release](#)

UT Tyler Professor Receives UT Systemwide Support for Data Mining Lab



Susan McBride, PhD, RN-BC,
CPHIMS, FAAN

The University of Texas at Tyler announces that Dr. Susan McBride, Associate Dean of Research at the School of Nursing, received the prestigious Science and Technology Acquisition and Retention Award from the UT System. (STARs)

The STARs award provides seed funding to help recruit world-class faculty, acquire equipment and upgrade research facilities. This particular award will fund equipment and software to develop a data mining lab in the Center for Clinical Innovation, Data Science and Nursing Research. The lab will be open to inter-professional teams of researchers from the eight colleges and schools across UT Tyler.

[Read full press release](#)

Lantern Pharma's New AI Model Changes How We Develop Brain Drugs



Lantern Pharma Inc., a clinical-stage biopharmaceutical company using its proprietary RADR® artificial intelligence and machine learning platform to transform the cost, pace, and timeline of oncology drug discovery and development, announced that it has developed highly-accurate and industry-leading AI algorithms to predict the ability of a drug or compound to pass the blood-brain-barrier (BBB), a highly selective border that can prevent drugs from entering brain tissues.

[Read full press release](#)

Fort Worth Innovator Receives Lifetime Award for Research & Philanthropy

Bios | Partners





Stella Robertson, PhD

Longtime Fort Worth biotech innovator and investor Stella Robertson has been honored with a 2023 ARVO Foundation award recognizing her lifetime of work in vision research and philanthropy.

Robertson's expertise and guidance has helped countless entrepreneurs and start-ups, making her a true inspiration in biotech and the field of ophthalmology. The award was given "in recognition for her long-standing support of the Women in Eye and Vision Research (WEAVR) initiative and her generous philanthropic support of the foundation."

[Read full press release](#)

Corporate Relocation to Fort Worth at All-Time High

fortworth
INC.



It's no secret that Texas is a major destination for corporate relocation. With business-friendly tax laws, a strong ecosystem, talent attraction in a diverse set of industries, and plenty of room for companies to grow, Fort Worth has quickly risen to the top.

Anchoring that strength is innovation and collaboration across businesses, industries, and

public-private partnerships. By leveraging the economic landscape, the city has already established in aerospace, energy, mobility, health care and life sciences, and advanced manufacturing; Fort Worth is poised to outpace larger cities across the nation in economic potential.

[Read full press release](#)

University Innovation & Lab Expansion in North Texas

Brought to you by the BioNTX Facilities Committee



Speakers



Cameron Cushman
Assistant VP of Innovation
Ecosystems, UNTHSC



Nina Petty
Executive Director,
Texas A&M University



Stephen Spiro, PHD
Vice Provost for Faculty
Affairs, UT Dallas



Todd Waldvogel, PE
Associate Vice Chancellor
for Facilities, TCU

The BioNTX Facilities Advisory Committee is hosting a panel on Monday, May 22nd to highlight the ways in which our world class universities have lead the charge in building a strong life science ecosystem in North Texas.

Sponsored by

Perkins&Will

[Register now](#)

Tips & Tricks to Getting Federal Funding



BioNTX welcomes you to join the first in a series of webinars on best practices when engaging with the Federal government for non-dilutive funding. Whether it be eligibility, the competition or compliance responsibilities, applying for government non-dilutive funding can be a complex and challenging process, but it can also provide significant benefits for those who are successful in securing this funding.

Our speaker, Dr. Travis Taylor has nearly 20 years of experience working with the Federal government and understands the requirements and priorities of

Travis Taylor, PhD

government funding agencies. Participants in this webinar will learn about various Federal funding opportunities for life science research as well how as to increase the likelihood of awards.

Register now

Convene with Industry's Most Transformative Players at the 2023 Digital Health Forum



Join McDermott Will & Emery to hear from senior leaders transforming digital health for ample networking opportunities and robust panel discussions on the business, operational and policy issues impacting the future of healthcare.

Register now

Accepting Applications for 2023 Cohort Accelerator Programs

Apply Now!



Apply to Health Wildcatters Accelerator Program to connect with a vast network of mentors and investors and accelerate your startup growth in a 3-month program with 8 to 12 other startups.

Applications due
May 31, 2023

Apply now



Apply to Techstars Accelerator Program to join one of their 3-month, mentorship-driven accelerators, receive up to \$120,000 in funding, get hands-on mentorship & access to the Techstars network for life.

Applications due
June 7, 2023

Apply now



Apply to TechFW's Accelerator Program to get connected to resources you need to commercialize your technology. The cohort will begin tentatively on Spetember 13.

Applications due
September 5, 2023

Apply now

Advancing Women-Led Technology to the Next Level of Innovation

Applications due June 23, 2023



TechFW and the TWU's Center for Women Entrepreneurs have designated 5 awards for

women entrepreneurs to participate in either the ThinkLab™ Accelerator or SmartStart™ Incubator program at TechFW, which will give them access to entrepreneurial coaching and provide innovators opportunities to take their ideas to market.

Apply now

Submit Your Abstracts for CPRIT's Innovations in Cancer Prevention & Research Conference VI

Abstracts due July 31, 2023



CANCER PREVENTION & RESEARCH
INSTITUTE OF TEXAS

Submit your abstracts to the Innovations in Cancer Prevention and Research Conference VI. Each accepted abstract will be presented as a poster during poster sessions to be held on each day of the conference with ample time for attendees to talk with presenters.

CPRIT's Innovations in Cancer Prevention and Research Conference VI will highlight the exceptional progress across cancer research, prevention, and product development at medical and academic research centers, in communities, and at companies around Texas. The conference will feature informative sessions on CPRIT-funded initiatives on computational biology and modeling for drug discovery, the use of artificial intelligence in imaging, the expansion of drug development resources and biomanufacturing facilities in Texas, and immunology and vaccine development in cancer.

Submit your abstracts now

Upcoming Events & Opportunities in North Texas



NAMIWalks
NAMI North Texas

Join NAMI North Texas to make an unprecedented impact on mental health in our community.

May 6, 2023

[Learn more here](#)

UNITED STATES
PATENT AND TRADEMARK OFFICE



Building Tomorrow's Innovation
US Patent & Trademark Office

Join the United States Patent and Trademark Office's (USPTO) to learn from accomplished innovators, inventors, entrepreneurs, and business owners how to use intellectual property to achieve success.

May 10, 2023

[Learn more here](#)



Golden Ticket Competition

Ignite Health

Join Ignite Health to listen to 7 women entrepreneurs who are leading digital health and medical device startups pitch to win a grand prize.

May 11, 2023

[Learn more here](#)

Fort Worth Business Plan Competition

City of Fort Worth EDC

Join the City of Fort Worth Economic Development Corporation to celebrate the Top 8 finalists in this year's Fort Worth Business Plan Competition!

May 11, 2023

[Learn more here](#)



Regeneron ISEF 2023

Society for Science

Join the Society for Science at their Regeneron International Science and Engineering Fair (ISEF) to be a part of the world's largest pre-college STEM competition. To participate in this event, you can volunteer or become a judge.

May 13 - 19, 2023

[Learn more here](#)



Data Protection for Sponsors and Clinical Sites

MyData-TRUST

Join MyData-TRUST to learn more about the roles & qualifications of sponsors & site. There will be a practical 30-minute presentation, including Q&A, from the perspective of the business risk, with clinical & legal point of views.

May 17, 2023

[Learn more here](#)



Hedge Funds in Venture Capital

Southern Methodist University

Join SMU to connect with entrepreneurs looking to start or expand their businesses, meet with venture investors and the professional community to solicit financing and obtain advice.

May 18, 2023

[Learn more here](#)



2023 Research & Quality Symposium

JPS Health Network

Join JPS Health Network for a free two-day event featuring research and quality abstracts.

Thursday evening's event will include a networking event showcasing abstract presentations and prize giveaways. Friday morning's virtual session will feature live poster and gallery presentations.

May 18 - 19, 2023

[Learn more here](#)



An Evening Under the Stars

Carson Leslie Foundation

Join Carson Leslie Foundation for dinner, crafted cocktails, and an extraordinary auction. Funds from Evening Under the Stars

BioNTX works to build a strong bioscience and healthcare innovation community through collaborative peer to peer networking events and educational programming.

[Let us know about your event!](#)

[View the North Texas community calendar of events](#)

will be invested in research leading to the prevention of medulloblastoma.

May 21, 2023

[Learn more here](#)

[Look at upcoming BioNTX events](#)



Join BioNTX

BioNTX delivers opportunities for Members to connect across the State. Join us and collaborate with others, receive industry insights and visibility. We serve as the voice and champion for the life science community in NTX.



May 5, 2023

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