Division of Research and Innovation

New Faculty Orientation

Brian Gladue, PhD

Vice President for Research and Innovation
“Home Base” for Discovery

Assist faculty, staff and students with All Things Research:

• Assist researchers with Funding (before, during, after)
• Regulatory Issues (Compliance)
• Animal Research and other “Discovery” Facilities
• Core Research Laboratories
• Guidance for Research Ethics and Integrity
• Provide overall support / coordination of research campus-wide
• Help turn Discoveries into Solutions
DRI Units

Core Labs - Research Instrumentation Core Facilities
DLAM - Department of Laboratory Animal Medicine
EC/IC - Export Control / International Compliance
FRST - Faculty Research Support Team
ORC - Office of Research Compliance (IACUC, IRB, RCOI)
OSP - Office of Sponsored Programs
ORDC - Office of Research Development & Commercialization ("Innovation Ventures")
RISA - Research Information Systems & Analytics

Plus... VPR-designated Centers and Institutes
Ongoing UNTHSC Research Strategic Priorities

- Proactive Research Risk Management
  - Create a culture of compliance and accountability
  - Improve training, knowledge and communication
  - Solidify institutional support and infrastructure

- Enhance the Strategic Research Enterprise at our One University
  - Expand research development programs
  - Partnership involving Research Administration and Researchers
  - Facilitate research commercialization
  - Focus on Research Areas of Strength
Transformative Research Risk Management

• Coordinate Research Compliance with Institutional Compliance
• Faculty Research Support Team (FRST)
• Improved and expanded training, knowledge and communication
• Institution-wide Export Control Officer
• Compliance Committees integrated with faculty and staff
• North Texas Regional IRB: JPS Health Network, TCPH, UNT-Dallas, Cook Children’s Hospital
Enhance the research enterprise at HSC in core Research Areas of Strength

- Center of Human Identification
- Texas Center for Health Disparities
- Institute of Translational Research
- North Texas Eye Research Institute
Transformative Collaboration
Researcher hopes to make gene-editing device safer and more precise

Jin Liu, UNT System College of Pharmacy professor, hopes to find a way to cut into the DNA with specificity
Transformative Innovation Ventures

Entrepreneurship and innovation at UNTHSC

May 24, 2019

UNT Health Science Center has embarked on an ambitious campaign to invest in entrepreneurship and to develop an innovative mindset for its students, faculty and staff.
Transformative Innovation Ventures

Infrastructure Support

• Microscopy, Flow Cytometry, Genomics, Discovery Center Core Labs
• Coming Soon! Research Imaging Centers (Human MRI/PET; Animal MRI/PET/CT)

Innovation Support

• Technology Commercialization and IP
• Entrepreneurship and Mentoring
• Ecosystem Development
Summary: Connecting the dots

- Precision Medicine … Telemedicine Healthcare … Enhanced Medical Education
- Personalized Healthcare … Augmented Reality Diagnosis … Quality of Life
- Health Outcomes Research … Community Engagement … Health Disparities
- Diverse Research Workforce … Pharmacogenomic Therapy … Wellness Lifestyle
- Primary Care … Preventive Diagnoses … Healthy Aging … Lifelong Learning
- Molecular Autopsies … Missing Persons … Human Trafficking … Precision Medicine