

Eric Brey, Co-Director

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Visit us at <https://utsa-irm.org/research>

VISION/MISSION

Vision: Establishing UTSA as the regional nexus of discovery and application of biomedical and biotechnical advances in Regenerative Medicine promoting human health and well-being.

Mission: Advancing fundamental knowledge toward developing transformative technologies and therapeutics in Regenerative Medicine while training future biomedical leaders and innovators to serve the health-related needs of civilian and military communities.

RESEARCH OBJECTIVES

- Advance Basic Knowledge of Stem Cells
- Non-Human Primates as Pre-Clinical Models
- "Disease-in-a-Dish" Models & Organoid Systems
- Biomechanics & Tissue Regeneration
- Precision Medicine Therapies
- Engineer Musculoskeletal Tissues
- Traumatic Injury
- Restore Fertility



IRM LEADERSHIP

Eric Brey, Ph.D. Co-Director

John McCarrey, Ph.D. Co-Director

Nehal Abu-Lail, Ph.D.

Michael Davis, M.D., F.A.C.S.

Teja Guda, Ph.D.

Brian Hermann, Ph.D.

Christopher Navara, Ph.D.

Michael Yaszemski, M.D. Ph.D.



QUICK FACTS

Established: 2021

Number of Faculty:

Departments & Affiliates:

Klesse College of Engineering
and Integrated Design

College of Sciences

Biomedical and Chemical Engineering

Biology

Chemistry

Kinesiology, Health, and Nutrition

UTSA Brain Health Consortium

UTSA Neurosciences Institute

Center for Innovative Drug Discovery

UTSA AI Consortium for Human Well-Being

UT Health San Antonio

U.S. Army Institute of Surgical Research

Students Sponsored:

Total Research Expenditures:

\$492k(as of FY22)

Funding for 2022 Projects:

~\$530.8k

SPECIALIZED FACILITIES

- Behavior Core Facility
- Cell Analysis Core Facility
- Genomics Core Facility
- Nanotechnology and Human Health Core Facility
- Proteomics and Protein Biomarkers Core Facility
- Stem Cell Core Facility