

**UTMB Clinical and Research Centers (October 2007)**

Title	PI/Director	Focus
<a href="#">Age-Related Macular Degeneration (AMD) Center</a>	Bernard Godley, MD, PhD	Multidisciplinary research and education program spans aging, cell biology, neuroanatomy, ophthalmology, pharmacology and clinical trials specialties
<a href="#">AT&amp;T Center for Telehealth Research and Policy</a>	Alexander H. Vo, PhD	Dedicated to outcomes-based research to demonstrate the effectiveness of teletechnology in providing access to health care
<a href="#">Aviation Medicine Center</a>	Richard T. Jennings, MD	International referral center emphasizing comprehensive exams and health certification for pilots
<a href="#">Center for Addiction Research</a>	Kathryn Cunningham, PhD	Multidisciplinary basic and clinical research, education and clinical care
<a href="#">Center for Audiology and Speech Pathology</a>	Deborah L. Carlson, PhD	Comprehensive and collaborative services address difficulties with hearing, auditory processing, speech, language, cognition, swallowing, and feeding via prevention, identification, conservation, evaluation, rehabilitation, education, and clinical research
<a href="#">Center for Biodefense and Emerging Infectious Diseases</a>	David Walker, MD	Basic research in and translation of biodefense and counter bioterrorism
<a href="#">Center for Biomedical Engineering</a>	Massoud Motamedi, PhD	Technology research in lasers and new imaging modalities
<a href="#">Center for Cancers of the Head and Neck</a>	Susan McCammon, M.D. Vicente A. Resto, M.D., Ph.D.	Lymphatic metastasis with focus on molecular mediators of tumor growth in the lymph node microenvironment, and their tolerance by the immune system, using genetic screening, biophysical, and biochemical techniques.
<a href="#">Center for Hepatitis Research</a>	Stanley M. Lemon, MD	Basic studies of the fundamental properties of hepatitis viruses and their mechanisms of replication, virus–host interactions with the hepatocyte, host immune responses to hepatitis viruses, and more
<a href="#">Center for Interdisciplinary Research in Women's Health</a>	Abbey Berenson, MD	Basic, clinical and translational research in women's health
<a href="#">Center for Macromolecular Systems CryoElectron Microscopy Imaging</a>	Misha Sherman, PhD	Research and training facility (in the Sealy Center for Structural Biology and Molecular Biophysics) studying the assembly, replication and structure of viruses and other pathogenic microorganisms.
<a href="#">Center for Population Health and Health Disparities</a>	James Goodwin, MD	Clinical research
<a href="#">Center for Rehabilitation Sciences</a>	Kenneth Ottenbacher, PhD	Interdisciplinary research in applied physiology and biomechanics of rehabilitation, neurological/cognitive rehabilitation, and aging and rehabilitation outcomes.
<a href="#">Center to Eliminate Health Disparities</a>	Barbara Breier, PhD	Promotes UTMB's mission to provide care to all area residents, including African Americans, Hispanics, the poor, the elderly, rural inhabitants and other underserved groups.
<a href="#">Child Health Research Center</a>	Randall M. Goldblum, MD	A state-of-the-art laboratory for basic and applied investigations using molecular, cellular, and immunological methodologies.
<a href="#">Comprehensive Cancer Center</a>	B. Mark Evers, MD	Research in the molecular and cellular biology of cancer, facilitating translation of novel research findings into clinical applications for cancer treatment, diagnosis, and prevention
<a href="#">East Texas Area Health Education Center</a>	Steve Shelton, MD	Serves 111 counties in Texas and more than 14.9 million people through 9 community-based centers, improving Texas communities via a quality health workforce and helping address unmet health needs
<a href="#">Electronic Health Network</a>	Glenn Hammack, PhD	Internationally recognized for developing and implementing telemedicine and distance education programs
<a href="#">General Clinical Research Center (GCRC)</a>	Don W. Powell, MD	Infrastructure supporting investigators in design, initiation, conduct and publication of clinical studies, using highly skilled personnel and state-of-the-art technologies

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George and Cynthia Woods Mitchell Center for Neurodegenerative Diseases	Claudio A. Soto, PhD	Studying neurodegenerative disorders, including Alzheimer's, Parkinson's and Huntington's diseases, as well as cerebral ataxias, amyotrophic lateral sclerosis and mad cow disease
<a href="#">NHLBI Proteomics Center</a>	Alex Kurosky, PhD	Interdisciplinary proteomics research using 2-D gel electrophoresis and mass spectroscopy
<a href="#">NIDRR Pediatric Burn Injury Rehabilitation Model</a>	David N. Herndon, M.D.	Improving outcomes for severely burned children by instituting and evaluating two modifications to traditional rehabilitation: (1) an intensive inpatient rehabilitation program including active resistance exercise; (2) long term administration of anabolic agents.
<a href="#">NIEHS Center for Environmental Toxicology</a>	James Halpert, PhD	Environmental molecular toxicology, basic and clinical research
<a href="#">Nuclear Magnetic Resonance (NMR) Center</a>	Shanmin Zhang, Manager	Contains a Varian Inova 600 MHz, and Varian NMR System 750 and 800 MHz magnets. A wide selection of homonuclear and multinuclear probe heads are available, including 5, 8 and 10 mm probes. The 800 MHz magnet is equipped with a cold probe.
<a href="#">Ophthalmology Clinical Research Center (OCRC)</a>	Bernard F. Godley, MD, PhD	Provides structure and home for conducting clinical trials from beginning to end. Patient recruitment, study protocol adherence, patient examination and treatment, analysis of data and trial close-out are managed centrally.
<a href="#">PAHO/WHO Collaborating Center on Aging and Health</a>	Kenneth J. Ottenbacher, PhD	Expands research and training programs on health of older adults through collaborations with institutions and researchers in Mexico, the Caribbean and Latin America.
<a href="#">PAHO/WHO Collaborating Center for Training in International Health</a>	Janice Smith, MD	Education in international health and development
<a href="#">Sealy Center on Aging</a>	James S. Goodwin, MD	Wide range of expertise and resources in clinical care, research, and education related to aging studies and aging populations
<a href="#">Sealy Center for Cancer Cell Biology</a>	Mark Evers, MD	Cancer biology, especially colon
<a href="#">Sealy Center for Environmental Health and Medicine</a>	James R. Halpert, PhD	Major research theme is asthma pathogenesis
<a href="#">Sealy Center for Molecular Medicine</a>	Allan Brasier, MD	Provides novel insight into cellular stress response characteristic of common diseases including diabetes, asthma, aging, cardiovascular, and neurodegenerative diseases.
<a href="#">Sealy Center for Structural Biology and Molecular Biophysics</a> – Member of the Gulf Coast Consortium and Keck Center for Computational and Structural Biology	Vincent J. Hilser, PhD	Combines thermodynamic, kinetic and structural data about biomolecules and their complexes.
<a href="#">Sealy Center for Vaccine Development</a>	Lawrence Stanberry, MD	Vaccine development and testing
<a href="#">Stark Diabetes Center</a>	Randall Urban, MD	Diabetes care and research: clinical, basic & translational
<a href="#">The Gulf Coast Digestive Diseases Center</a> (Consortium Grant)	Mary Estes, PhD; (PI, Baylor); Don Powell, MD (Associate Director, UTMB)	Basic and clinical GI research
<a href="#">Western Regional Center of Excellence for Biodefense and Emerging Infectious Diseases Research (WRCE)</a>	David H. Walker, MD	Clinical, Translational, and Basic Research – Category A, B, and C pathogens important in biodefense
<a href="#">WHO Collaborating Center for Tropical Diseases</a>	David Walker, MD	Molecular study of tropical diseases