COLLEGE OF PHARMACY CORE FACILITIES

DRUG DYNAMICS INSTITUTE
The Drug Dynamics Institute is a multi-disciplinary research center where scientists, educators, businesses and regulatory specialists collaborate in finding solutions to a wide range of biomedical, pharmaceutical and public health issues. The Drug Dynamics Institute brings together an extensive network of faculty and researchers to cultivate ideas and programs that enhance the discovery, development and commercialization of novel therapeutics.

THERAPEUTEX
The goal of the THERAPEUTEX Preclinical Core Lab is to characterize properties of new therapeutic compounds in animal models by focusing on drug delivery and pharmacokinetic/pharmacodynamic (PK/PD) studies. Efforts include drug formulation and optimization of delivery method as well as development of various disease related animal models with expertise in infectious disease and cancer/angiogenesis, evaluation of optimal drug concentrations, toxicity, efficacy, and target validation by tissue analysis of drug accumulation, metabolism, and elimination.

UT ADVANCE
Before a drug product can be evaluated in the clinic, the FDA requires detailed product characterization and rigorous evaluation of safety. The environments in which these tests are conducted are held to a high standard of documentation, training, and personnel expertise to insure the quality and integrity of the data. Frameworks have been put forth by the FDA, in the form of GLP and GMP regulations that must be followed during these studies to meet the agency’s requirements. At UT Advance, we’ve built the regulatory environment necessary to meet FDA requirements and assembled the scientific expertise to design effective studies. Our goal is to assist researchers in academia and industry by providing the studies required for a successful FDA submission.

UTECH DORM ROOM
The College of Pharmacy’s Drug Dynamics Institute (DDI) and Austin Technology Incubator (ATI) collaborated in 2009-2010 to establish a wet lab space to fill a growing need in Austin’s bioscience community. Wet lab space is a critical resource for life sciences entrepreneurs and small start-ups in the Austin area. The UTech Dorm Room, managed by DDI, encourages technology start-ups and companies to locate in Austin, where the lack of wet lab space is limiting these efforts. Through a generous grant from the City of Austin and the St. David’s Foundation, it is with great pleasure to be able to provide such space in the UTech Dorm Room, located in the College of Pharmacy’s north building.