REGISTRATION
Collaborative Innovation
and Entrepreneurship
Course
May 5, 2014 – June 27, 2014

MANAGEMENT OF
TECHNOLOGY

Course Information: This online course is designed to introduce a broad range of topics and issues related to management of technology and technological innovation. It includes discussion of technology development in industry, academia and government, and science, the process of innovation, the drivers of innovation in a global environment, organizing and leading innovation, and incorporating technology change into company structure and strategy. The course is self-paced with weekly deliverables.

Pre-Requisite: As a prerequisite for the current course, students must complete a self-administered "Foundations of Management" module. This module is a compilation of critical management theories and frameworks that underlie the core principles covered in the current course. The "Foundations of Management Module" includes a pre-test that will gauge students' initial understanding of fundamental management principles and a post-test that will assess their mastery of the fundamental management principles that will be presented in the module. 80% on the post-test is necessary to begin study in the course.

Registration: Complete and submit the registration form in this brochure. Although there are no registration fees, all participants will be responsible for computer access, purchasing required class materials (eBook ~$60) and related fees. UTMB graduate students and postdocs must register through the GSBS during regular registration in HPTM 6290 to receive transcript credit for this course.
The emergence of cellular and molecular medicine provides academic health centers with unparalleled opportunities to re-engineer health research and patient care through innovation. Implementing innovation typically requires entrepreneurship, and unique component skills that include management, team building, and risk acceptance.

Allan R. Brasier, MD and Stanley J. Watowich, PhD Institute for Translational Sciences

The NIH Clinical and Translational Science Awards (CTSAs) offer the resources, expertise, and vision to work with academic health centers to improve commercialization. A key component of the CTSA mission is the education and training of translational researchers. Ensuring that investigators have the comprehensive skills they need to effectively and efficiently accelerate discoveries toward better health is essential.

Find out more about UTMB’s CTSA at: www.its.utmb.edu

COLLABORATIVE INNOVATION & ENTREPRENEURSHIP TRAINING PROGRAM

COLLABORATION

Several CTSA institutions have self-assembled into regional consortia. The Texas CTSA Consortium is facilitating collaboration among the Texas CTSAs and other interested biomedical research institutions. More information may be found at: https://www.ctsacentral.org/regional-consortia/texas-consortium

Six courses are offered as part of the Texas CTSA Collaborative Innovation & Entrepreneurship Program. Successful completion of courses will culminate in a professional certificate.

UTMB and UTHealth CTSAs in partnership with the UT-McCombs School of Business, University of Houston Clear Lake (UHCL) School of Business, and NASA-Johnson Space Center (NASA-JSC) aim to train physicians, faculty, fellows, pre-doctoral students, medical students, postdoctoral scientists and staff in the skills and knowledge needed to enhance collaborative innovation and entrepreneurial thinking.

This Program is supported by:
UT System Novel Programs in Education for Innovation and Entrepreneurship (PI: Brasier, McPherson, Watowich) and NIH UL1TR000071 (PI: Brasier)

PROGRAM TIMELINE

SUMMER 2014– SPRING 2015

1. MANAGEMENT OF TECHNOLOGY: (UHCL, 8-weeks, Online) See information in this brochure. May 5- June 27, 2014.

2. BUSINESS INNOVATION FOR SUCCESSFUL ENTREPRENEURSHIP: (UT McCombs, UTMB) Steps required to commercialize technologies from startup to launch to exit. May 9 – August 8, 2014


4. LEADING TECHNOLOGY: (UHCL; 8-weeks, Online) Leadership in the selection, development, and effective management of scientists, engineers, biomedical personnel and technical professionals. August 23 – October 24, 2014.


6. ENTREPRENEURSHIP & CORPORATE VENTURING: (UHCL) How to identify and evaluate technological opportunities, from new ventures, and manage them. January 7 – February 27, 2015.