The Master of Science in Clinical Investigation (MSCI) Program is now accepting applications for the Fall 2007 semester.

**Application submission deadline is May 1, 2007.**

The Master of Science in Clinical Investigation (MSCI) Program seeks to train health care professionals in the core competencies necessary for the safe conduct of clinical and translational research.

These core competencies include:

1. Responsible Conduct of Research
2. Research Methods and Study Design
3. Biostatistics and Data Analysis
4. Data Management
5. Integrating Molecular Biology with Clinical Research
6. Scientific Communication
7. Health Services Research

**ELECTIVES:**

1. Grantsmanship and Peer Review
2. Instrument Development and Validation
3. Genetics and Genetic Epidemiology
4. Cross Cultural Adaptation of Research Instruments

The MSCI Program was established in September 2000 – the first class was enrolled in August 2001. The MSCI Program is funded by a Clinical Research Curriculum Award from the National Heart, Lung, and Blood Institute awarded the UTHSCSA and its General Clinical Research Center (K30 HL04159). This MSCI Program is interdisciplinary and involves all five UTHSCSA Schools. Fellows, students, faculty, and staff from all disciplines and affiliated programs at UTHSCSA are eligible to enroll in the MSCI program.

Experienced faculties direct each course and take responsibility for designing the teaching materials with the course leaders. Specific learning objectives and discussion-based activities have been created for each weekly session. Teams of instructors (course faculty), who are particularly qualified to teach the selected topics, deliver these integrated courses. The scope and sequence of the courses is structured so students will be able to strategically incorporate their learning into their mentored research projects. Responsible Conduct of Patient Oriented Clinical Research is given in the first semester to facilitate the ability of program participants to write consent forms and obtain Institutional Review Board approval. The first semester Patient Oriented Clinical Research Methods and Biostatistics courses cover topics related to cross-sectional and case-control studies - the research designs logistically most likely to be completed during a two-year training program. Scientific writing is positioned in the third semester of the sequence, a time when participants are likely to have original data and are beginning to analyze and write up the results.

For more information visit our website: [http://msci.uthscsa.edu](http://msci.uthscsa.edu) or contact Michael Lichtenstein, MD (Program Director) at lichtenstein@uthscsa.edu and Juanita Sherfield (Academic Coordinator) at sherfield@uthscsa.edu / (210) 567-4631.