

**Clinical Sciences and Research Division,
Department of Pharmacy Practice
TTUHSC School of Pharmacy
August 2005**

The Clinical Sciences and Research Division is home to most of the Department's tenured and tenure track faculty.

Our mission is to conduct basic, clinical, translational, and health systems research to improve the drug use process and ultimately patient care.

We are interdisciplinary faculty investigators dedicated foremost to original research and scholarship. We embrace collaborators within TTUHSC and TTU, other state institutions (e.g. University of Texas Southwestern), and academically oriented health care systems (e.g. the Veterans Affairs Administration, Children's Medical Center Dallas). We value diversity of division faculty disciplines and thus include pharmacists, chemists, physicians, microbiologists, pharmacokineticists, pharmacologists, and physiologists.

Focus areas include adult and pediatric pharmacology, respiratory and infectious diseases, aging, and health care outcomes.

Faculty

Dr. Ronda Akins pursues translational infectious diseases research employing laboratory and clinical studies focusing on antimicrobial resistance and antimicrobial pharmacokinetics / pharmacodynamics. **Dr. CAB Bond** is an internationally recognized health services and outcomes researcher who leads a 17-year longitudinal study evaluating the impact of clinical pharmacists on hospital-based outcomes such as mortality, length of stay, cost of care, adverse drug reactions, and medication errors. **Dr. Jeremy Franklin**, a pediatrician with interests in infectious disease research, joined the School of Pharmacy faculty in August 2004 ushering in a new age of collaboration with the TTUHSC School of Medicine in Amarillo. Dr. Franklin focuses on animal and clinical meningitis studies. **Dr. Richard Leff**, along with Dr. Putnam, established the Pediatric Pharmacology Research & Development Center in collaboration with University of Texas Southwestern physicians to conduct pharmacokinetic and metabolism studies in pediatric populations. **Dr. Mark Lyte** is a NIH funded professor in microbial endocrinology that joined the Lubbock campus in May 2005.

He is cross appointed as a member of the School of Medicine Microbiology and Immunology Department and has a co-appointment on the TTU academic campus. He is an active participant in the TTUHSC Institute for Healthy Aging. Dr Lyte has recruited a postdoctoral fellow **Dr. Wang Li**. **Dr. Trey Putnam**, based at our Dallas / Ft. Worth campus, is an experienced organic/medicinal chemist with expertise in biomarker and metabolite discovery and analysis. He leads the core mass spectroscopy lab for the department which is located at Children's Medical Center. **Dr. Cynthia Raehl** pursues aging research and health literacy research in addition to serving as Division Head and Department Chair. Her research collaborators include Dr. Bond, the Amarillo Alzheimer's Academy and the TTUHSC Institute for Healthy Aging. Additional research personnel include statisticians, mass spectroscopy technologist, and research project associates. The Division continues to recruit for senior NIH and extramurally funded senior clinical scientists along with promising junior faculty.

Recent Division Member Major Accomplishments

Dr. CAB Bond was inducted into the National Academy of Practice as a Distinguished Pharmacy Practitioner. **Dr. Bond** received the 2005 Russell Miller Award for sustained contributions to the literature from American College of Clinical Pharmacy. **Dr. Cynthia Raehl** received the Paul F. Parker award from the University of Kentucky at the 2004 ASHP Midyear Meeting. **Dr. Raehl** is a candidate for President of the American Association of Colleges of Pharmacy. Dr. Raehl was appointed co-chair of the TTUHSC President's Taskforce on Women in the Health Sciences. **Dr. Richard Leff**, along with **Dr. Putnam**, established the Pediatric Pharmacology Research & Development Center, one of two funded Centers in the School of Pharmacy. They are collaborating with UT Southwestern Medical Center physicians and Children's Medical Center Dallas physicians to conduct pharmacokinetic and metabolism studies in pediatric populations. **Dr. Jim Tsikouris** (relocated to University of Pittsburgh) received the TTUHSC President's Young Investigator Award. **Dr. Trey Putnam** received one of three school-wide research awards at the July 2005 SOP Research Days.

Future Directions

Division faculty are creating and cultivating exciting relationships with TTUHSC School of Medicine and Nursing faculty, TTU academic faculty, University of Texas Southwestern Medical Center, Children's Hospital of Dallas and the Veterans Administration Medical Center Dallas. The Division is leading the Department into a new era of basic, clinical, translational, and health systems research programs in concert with a greater research emphasis for the entire Health Sciences Center. TTUHSC leadership support for procuring laboratory space and start-up packages exemplifies a receptive environment for new as well as established investigators.