CLINICAL AND TRANSLATIONAL SCIENCE

http://med.uvm.edu/clinical_translational_sciences/

OVERVIEW

Clinical and Translational Science (CTS) is a field that focuses on the development of new approaches to improving human health by linking basic science, clinical medicine and community health. CTS students learn to design, execute and report research, including the biologic and non-biologic aspects of health care, which interact to influence the health of individuals and populations. The programs are intended to facilitate the training and career development of a robust CTS workforce and to give individuals with diverse backgrounds, working with faculty from many disciplines, an educational pathway to prepare them for their roles as important and productive contributors to CTS.

DEGREES

Clinical and Translational Science CGS

Clinical and Translational Science M.S.

Clinical and Translational Science Ph.D.

FACULTY

Callas, Peter W.; Research Associate Professor, Department of Medicine- Medical Biostatistics; PHD, University of Massachusetts Amherst

Fung, Mark K.; Professor, Department of Pathology and Laboratory Medicine; MD, PHD, University of Alabama School of Medicine

Kennedy, Amanda G.; Professor, Department of Medicine-Hospital Medicine; PHARMD, Northeastern University

MacLean, Charles Duncan; Professor, Department of Medicine-General Internal Medicine; MD, McGill University

Pinckney, Richard G.; Associate Professor, Department of Medicine-General Internal Medicine; MD, SUNY Buffalo

Rose, Gail Lynne; Assistant Professor, Department of Psychiatry; PHD, University of Iowa

van Eeghen, Constance O.; Associate Professor, Department of Medicine-General Internal Medicine; DRPH, University of North Carolina Chapel Hill

Courses

CTS 6150. Report Clin&Translational Res. 3 Credits.
Seminar emphasizing communication skills for writing, editing and presenting science.

CTS 6200. Analyze Clin&Translational Res. 3 Credits.
Seminar emphasizing basic and analytical skills for clinical and translational research. Prerequisite: CTS 6200 or Instructor permission.

CTS 6250. Multi Analysis Clin&Trans Res. 3 Credits.
Introduction to multivariate regression; models that account for effects of multiple predictors on a single outcome, including linear and logistic regression and survival analysis. Prerequisite: CTS 6200 or Instructor permission.

CTS 6391. Master's Thesis Research. 1-18 Credits.
Research for the Master's Thesis.

CTS 6990. Special Topics. 1-18 Credits.
Special topics in Clinical & Translational Research.

CTS 6991. Internship. 1-18 Credits.
On-site supervised work experience combined with a structured academic learning plan directed by a faculty member or a faculty-staff team in which a faculty member is the instructor of record, for which academic credit is awarded. Offered at department discretion.

CTS 6995. Graduate Independent Research. 1-18 Credits.
Graduate student work on individual or small team research projects under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

CTS 7491. Doctoral Dissertation Research. 1-18 Credits.
Research for the Doctoral Dissertation.

CTS 7990. Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.

CTS 7991. Internship. 1-18 Credits.
On-site supervised work experience combined with a structured academic learning plan directed by a faculty member or a faculty-staff team in which a faculty member is the instructor of record, for which academic credit is awarded. Offered at department discretion.

CTS 7993. Independent Study. 1-18 Credits.
A course which is tailored to fit the interests of a specific student, which occurs outside the traditional classroom/laboratory setting under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

CTS 7995. Graduate Independent Research. 1-18 Credits.
Graduate student work on individual or small team research projects under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.