HUMAN FUNCTIONING AND REHABILITATION SCIENCE
http://www.uvm.edu/cnhs/

OVERVIEW

Human Functioning and Rehabilitation Science is translational in nature focusing on understanding the spectrum of human functioning from the basic physiological function of cells and body systems to overall physical and psychological health and unified by the common theme of human performance. The program is designed to consider health at three levels: 1) status of body structures and functions (molecular, cellular, and organ systems levels); 2) ability of the individual to participate in human activities and assume societal roles; and, 3) physical and social aspects of the environment that support the health of individuals and populations. This program prioritizes interprofessional and translational research. Students come from a wide range of disciplines (e.g., physical therapy and movement science, biomedical sciences, special education, communication disorders, nursing, neuroscience, psychology, nutrition, and related health professions). They learn side by side with other students and faculty from unique but related health professions to address the contextual nature of health conditions that affect body functioning, activity performance, and/or societal participation.

DEGREES

- Human Functioning and Rehabilitation Science Ph.D.

FACULTY

Angelopoulos, Theodore; Professor, Department of Rehabilitation and Movement Sciences, PHD, University of Pittsburgh
Bauerly, Kim; Assistant Professor, Department of Communication Sciences and Disorders, PHD, University of Toronto
Amiel, Eyal; Assistant Professor, Department of Biomedical and Health Sciences; PHD, Dartmouth College
Bosek, Marcia; Associate Professor, Department of Nursing; DNSC, Rush University
Cannizzaro, Michael S.; Associate Professor, Department of Communication Sciences and Disorders; PHD, University of Connecticut
Coderre, Emily; Assistant Professor, Department of Communication Sciences and Disorders; PHD, University of Nottingham
Deming, Paula; Associate Professor, Department of Biomedical and Health Sciences; PHD, University of North Carolina at Chapel Hill
Escorpizo, Reuben Samsuya; Clinical Assistant Professor, Department of Rehabilitation and Movement Science; DPT, Des Moines University
Frietze, Seth; Assistant Professor, Department of Biomedical and Health Sciences; PHD, Harvard University
Gell, Nancy; Assistant Professor, Department of Rehabilitation and Movement Science; PHD, Auburn University

Hutchins, Tiffany L.; Associate Professor, Department of Communication Sciences and Disorders; PHD, University of South Florida
Kasser, Susan; Associate Professor, Department of Rehabilitation and Movement Science; PHD, Oregon State University
Krementsov, Dimitry N.; Assistant Professor, Department of Biomedical and Health Sciences; PHD, University of Vermont
Laurent, Jennifer S.; Associate Professor, Department of Nursing; PHD, Duquesne University
Lewis, Laura Foran; Assistant Professor, Department of Nursing; PHD, University of Connecticut
Maltby, Hendrika J; Professor, Department of Nursing; PHD, Curtin University of Technology
Mohaptra, Sambit; Assistant Professor, Department of Rehabilitation and Movement Sciences, PHD, University of Illinois, Chicago
Palumbo, Mary Val; Professor, Department of Nursing; DNP, Rush Medical College
Prelock, Patricia A.; Dean, College of Nursing and Health Sciences; Professor, Department of Communication Sciences and Disorders; Professor, Department of Medicine-Pediatrics; PHD, University of Pittsburgh
Sibold, Jeremy; Associate Professor, Department of Rehabilitation and Movement Science; EDD, West Virginia University
Tompkins, Connie L.; Associate Professor, Department of Rehabilitation and Movement Science; PHD, University of New Orleans
Tourville, Timothy; Assistant Professor, Department of Rehabilitation and Movement Science; PHD, University of Vermont
Velleman, Shelley; Professor, Department of Communication Sciences and Disorders; PHD, University of Texas Austin

Courses

HFRS 396. Advanced Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.

HFRS 401. Topics & Measurement in HFRS. 3 Credits.
Fundamental human function and rehabilitation sciences concepts, principles, equipment, and tools for conducting quantitative research in the areas of human movement, communication, and physical activity.

HFRS 402. Applying the ICF Model to HFRS. 3 Credits.
Application of International Classification of Functioning (ICF) concepts to translational research in human function and rehabilitation science.

HFRS 430. Sem/Pract Teach & Learn HFRS. 3 Credits.
Students will be exposed to and mentored in the fundamentals of health professions teaching and learning and gain applied experience in the university classroom.

HFRS 450. Prof Writing & Grantsmanship. 2 Credits.
Topics include grant selection and approval processes, selection of appropriate publication outlets for a given research study, and report of research results. Prerequisites: Graduate Student standing, Masters level students require Instructor permission.
HFRS 491. Doctoral Dissertation Research. 3-6 Credits.
Directed interprofessional dissertation research in Human Functioning and Rehabilitation Science. Prerequisite: Doctoral candidacy status.

HFRS 496. Advanced Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.