UNT Health Science Center Programs

Graduate faculty of the Graduate School of Biomedical Sciences and the School of Public Health at the University of North Texas Health Science Center at Fort Worth (UNTHSC-FW) are also members of the graduate faculty of the University of North Texas and thus can serve as mentors or committee members of UNT graduate students appropriate to their graduate appointment. See the UNTHSC-FW Graduate Catalog for UNTHSC-FW graduate faculty listings.

Graduate School of Biomedical Sciences

University of North Texas Health Science Center at Fort Worth (UNTHSC-FW)
Medical Education Building 1, Room 816
3500 Camp Bowie Boulevard
Fort Worth, TX 76107
(817) 735-2560 or (800) 511-GRAD
Web site: www.hsc.unt.edu
E-mail: gsbs@hsc.unt.edu

Thomas Yorio, Dean of the Graduate School of Biomedical Sciences

Graduate Advisers:
Rouel Roque, Cell Biology and Genetics
Richard Easom, Biochemistry and Molecular Biology
Victoria Rudick, Biomedical Sciences/Biotechnology/Medical Science/Science Education
H. Fred Downey, Integrative Physiology
Jerry Simecka, Microbiology and Immunology
Glenn Dillon, Pharmacology and Neuroscience

Master’s and doctoral degree programs in the biomedical sciences are available through the Graduate School of Biomedical Sciences at UNT Health Science Center at Fort Worth. These programs culminate with a specialization in cell biology and genetics, biochemistry and molecular biology, microbiology and immunology, pharmacology and neuroscience, integrative physiology, biotechnology, medical science, forensic genetics, science education, or biomedical sciences. A joint degree (DO/MS or DO/PhD) is available to students admitted to the Texas College of Osteopathic Medicine (TCOM) at UNT Health Science Center.

An integrated curriculum includes biochemistry, biomedical cell and molecular biology, biomedical ethics, immunology, physiology, pharmacology and statistics.

To obtain further information or to request a catalog, please call (817) 735-2560 or (800) 511-GRAD or e-mail gsbs@hsc.unt.edu.

School of Public Health

University of North Texas Health Science Center at Fort Worth (UNTHSC-FW)
Medical Education Building 1, Room 416
3500 Camp Bowie Boulevard
Fort Worth, TX 76107
(817) 735-2252 or (877) 868-7741
Web site: www.hsc.unt.edu
E-mail: sph@hsc.unt.edu

Fernando Treviño, Dean of the School of Public Health

Chairs:
Gregg S. Wilkinson, Acting chair, Department of Environmental and Occupational Health
Gregg S. Wilkinson, Chair, Department of Epidemiology and Biostatistics
Peter E. Hilsenrath, Acting Chair, Department of Health Management and Policy
Hector Balcazar, Chair, Department of Social and Behavioral Sciences

Student Affairs
Thomas Moorman, Director

Program of Study

The School of Public Health currently offers master’s- and doctoral-level coursework in public health. The MPH and DrPH degree programs include a core curriculum of six courses (totaling 18 credit hours) that provide overviews of areas every public health professional should be knowledgeable in: biostatistics, environmental health, epidemiology, health administration and health behavior.

MPH students are required to complete 21 credit hours in their chosen concentration and an additional 6 credit hours in their thesis/non-thesis requirements. Every student will also go through a hands-on public health practice experience in a community setting, such as a public health department or a volunteer agency.

DrPH students complete more extensive concentration of courses and research within their chosen concentration. Every student is required to participate in a weekly journal club and must complete a comprehensive research project that culminates in the dissertation.

The objectives of the MPH and DrPH programs are to prepare students to meet the needs of the growing health care industry and the demand for trained public health workers in the public sector. Students in this program have the added benefit of interacting with health care providers and students in the osteopathic medical program at the Health Science Center, as well as faculty engaged in
significant public health research at both the UNTHSC-FW and UNT campuses.

**Career Opportunities**

Today, public health is the umbrella over many issues, including some that seem unrelated to health care but that ultimately influence it. Public health ranges from the study of smog in the air we breathe to gang intervention programs on our neighborhood streets. Growing threats from our environment, the resurgence of infectious diseases, increasing violence, an aging population and the escalating costs of health care are all immediate concerns of public health professionals.

Public health professionals monitor and evaluate the health needs of entire communities, promote healthy practices and behaviors, and work to identify and eliminate environmental hazards to assure our population stays health. They are employed by government, hospitals, health systems, universities and many private companies. Without public health, our society could not advance. With it, we are making a difference.

**Areas of Concentration**

**Department of Environmental and Occupational Health**

*Environmental Health*: Designed for students with varied backgrounds and interests, who desire careers related to the environmental aspects of public health. Specifically, the track provides the expertise and experiences to analyze, monitor, interpret and mitigate the effects of chemical contaminant and microbial and viral pathogens in water, air, soil and food on public health and ecological health.

**Department of Epidemiology Biostatistics**

*Epidemiology*: Designed for students seeking technical skills in the fundamental methods of disease investigation and prevention in large populations. Courses emphasize basic and advanced epidemiologic principles and their application to current problems in public health and related disciplines.

*Biostatistics*: Designed to train public health professionals to engage in biomedical research, data management and data analysis. Emphasis is on the methodology and applications of contemporary statistical procedures and research designs, using advanced computing technology. Students will also develop the theoretical competency to understand and apply information published in statistical journals.

**DO/MPH**: This dual degree program provides physicians with specialized public health training to develop, integrate and apply culturally competent social, psychological and biomedical/public health approaches to the promotion and perservation of health in one’s community. Designed so the requisite requirements may be completed during the four year of medical education at the UNT Health Science Center/Texas College of Osteopathic Medicine. A five-year plan also is available.

**Department of Health Management and Policy**

*Health Management and Policy*: Provides students with the competencies necessary for administrative careers in health professions. Students learn to deal with a variety of problems relating to the organization, management, planning and evaluation of public health and health care services, with a primary emphasis on the public sector.

**Department of Social and Behavioral Sciences**

*Community Health*: A broadly applicable program emphasizing skills relevant to today’s public health professionals, including community assessment, program planning and evaluation and health education interventions. The track prepares professionals with a variety of disciplinary backgrounds (medicine, nursing, social work, nutrition, dentistry, health education, health promotion, etc.) and can be tailored to an individual’s previous experience and professional goals.

**MPH/MA, MS or PhD in Sociology**: This dual degree program is offered jointly by the Department of Social and Behavioral Sciences at the UNTHSC/School of Public Health and the Department of Sociology at the University of the North Texas in Denton. Students complete requirements for either a master’s or doctoral degree in sociology and an MPH.

**MPH/PhD in Health Psychology and Behavior Medicine**: These concurrent degree programs are offered by the Department of Social and Behavioral Sciences at the UNTHSC/School of Public Health and the Department of Psychology at the University of North Texas in Denton. Students complete requirements for both a doctoral degree in health psychology and behavioral medicine and an MPH.

**MPH/MA in Medical Anthropology**: These concurrent degree programs are offered by the Department of Social and Behavioral Sciences at the UNTHSC/School of Public Health and the Institute of Anthropology at the University of North Texas in Denton. Students complete
requirements for both a master’s degree with a major in applied anthropology and an MPH.

**Entrance Requirements**

To be considered for admission to the MPH program, you should:
- hold a bachelor’s degree or its equivalent from a regionally accredited institution;
- have a competitive GPA;
- take the Graduate Record Exam (GRE) and obtain a competitive score; applicants in the DO/MPH dual degree program may substitute an appropriate Medical College Admissions Test (MCAT) score; and

To be considered for admission to the DrPH program, you should:
- hold a MPH or its equivalent education from a regionally accredited institute;
- have a competitive GPA;
- take the Graduate Record Exam (GRE) and obtain a competitive score; applicants in the DO/MPH dual degree program may substitute an appropriate Medical College Admissions Test (MCAT) score;
- a statement of career goals;
- show proficiency in oral and written English if from a foreign country by supplying official documentation of minimum acceptable scores for the Test of English as a Foreign Language (TOEFL) exam;
- an interview with current SPH faculty members;
- professional interest or expectations within an area of expertise of a faculty member of the UNTHSC School of Public Health;
- outstanding promise for scholarly accomplishment and professional leadership; and
- documentation showing professional experience in public health is highly desirable.

To be considered for admission to dual degree program, you should:
- inform each department and school of your intentions to seek a dual degree;
- meet the admissions requirements for each individual program; and
- apply and be accepted to both programs.

**Application Procedure**

To be considered for admission, contact the University of North Texas Health Science Center/ School of Public Health for an admissions application. The completed application should be submitted along with:
- complete official transcripts from all colleges and universities attended;
- official scores from the Educational Testing Service on required entrance tests;
- two letters of evaluation by individuals in a position to comment on your potential as a graduate student and future professional;
- a written statement of personal career goals; and
- a non-refundable admission application fee of $25 for U.S. residents or $50 for non-U.S. citizens and permanent residents.

**Courses of Instruction**

All Courses of Instruction are located in the UNTHSC-FW catalog.