



UT SOUTHWESTERN FACT SHEET

UT Southwestern Medical Center

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An Introduction to UT Southwestern

UT Southwestern Medical Center ranks among the top academic medical centers in the world. Its faculty members – who are responsible for a broad array of groundbreaking biomedical research advances – are respected for their dedication to teaching and training. UT Southwestern's physicians provide patients with the highest quality of care throughout the medical center's outpatient clinics and affiliated hospitals.

When Southwestern Medical College was founded in 1943, it was a small wartime medical school housed in a handful of abandoned barracks. By 1949 it had prospered sufficiently to become the second medical school in The University of Texas System. In 1972 the scope of the medical school was expanded to that of a full-fledged health science center. The institution was renamed The University of Texas Southwestern Medical Center in 1987.

Today's center includes three degree-granting institutions: UT Southwestern Medical School, UT Southwestern Graduate School of Biomedical Sciences and UT Southwestern Allied Health Sciences School.

- The three schools train almost 4,000 medical, graduate and allied health students, residents and postdoctoral fellows each year.
- Ongoing support from federal agencies such as the National Institutes of Health, along with foundations, individuals and corporations provide more than \$340 million per year to fund more than 2,500 research projects annually.
- Faculty members and residents provide care to nearly 89,000 hospitalized patients and oversee 2.1 million outpatient visits a year.
- UT Southwestern has nearly 9,300 employees and a 2005-06 operating budget of more than \$1.2 billion.

Located in the Southwestern Medical District, a 10-minute drive northwest of downtown Dallas, UT Southwestern is situated on a 231-acre campus. It has branch programs with affiliated hospitals at several sites in Dallas, Richardson, Fort Worth, Waco and Wichita Falls.

Mission

- To educate future health professionals and scientists
- To remain at the forefront of biomedical research
- To provide compassionate, scientifically based care for the sick and preventive care for the well
- To provide a continuum of medical education for medical practitioners and scientists

UT Southwestern Medical School

One of four medical schools in the UT System and one of eight in the state of Texas, UT Southwestern admits more than 220 students each year, and admission is highly competitive. By law, 90 percent of students are from Texas, assuring a consistent source of high-quality physicians for the state. The school has awarded more than 8,600 medical degrees since it was established.

Medical students are taught the basic sciences and fundamental mechanisms of disease during the first two years, along with basic clinical skills. For the second two years, they pursue clinical courses in a variety of medical specialties, which allow them to integrate their basic knowledge with practical patient care at UT Southwestern's affiliated teaching hospitals and clinics.

UT Southwestern's faculty members continue to educate physicians beyond medical school. They annually train more than 2,000 clinical residents and fellows who are supplementing their M.D. education with post-graduate specialty and subspecialty training, the largest number in Texas. Faculty members also provide continuing medical education to physicians and other health professionals through seminars, teaching rounds, and instruction on and off campus. Attendance in 2005 totaled more than 59,000 participants at nearly 1,600 activities.

UT Southwestern's distinguished faculty members also serve as educational resources to nearly 4,000 science teachers at 850 schools in North Texas through the Science Teacher Access to Resources at Southwestern (STARS) program.

UT Southwestern Graduate School of Biomedical Sciences

The graduate school, with more than 700 students enrolled, educates biomedical scientists, counselors, engineers and communicators, preparing them for leadership roles in a variety of rapidly changing professional fields. Programs lead to Doctor of Philosophy, Master of Arts and Master of Science degrees.

Eight programs in basic sciences form the Division of Basic Science. Future scientists are trained to investigate basic life processes from the molecular level to the whole animal. Students pursue their majors in the laboratories of some of the world's most distinguished researchers.

Ph.D. programs are offered in the following areas of study: *Biological Chemistry, Cell Regulation, Genetics and Development, Immunology, Integrative Biology, Molecular Biophysics, Molecular Microbiology, and Neuroscience.*

The Division of Clinical Science offers three programs: *Clinical Psychology-Ph.D.; Rehabilitation Counseling Psychology-M.S.; and Clinical Science-M.S.* These programs are designed to give students an in-depth understanding of the role that rigorous, science-driven research plays in the accomplishment of clinical goals.

The Division of Applied Science is comprised of three programs: *Biomedical Communications-Biomedical Illustration-M.A.; Biomedical Engineering (a joint program with UT Arlington)-M.S., Ph.D.; and Radiological Sciences-M.S., Ph.D.* Each program teaches highly advanced skills and techniques that can be applied to solve basic biological and clinical problems.

UT Southwestern Allied Health Sciences School

In addition to physicians, there are a myriad of professionals who care for the sick and injured, perform diagnostic tests, and provide therapy for elderly or physically challenged individuals. These are allied health professionals, and their jobs span many areas of health care.

More than 300 students are enrolled in the UT Southwestern Allied Health Sciences School. The school offers bachelor's degrees in *Clinical Dietetics, Medical Technology, Prosthetics-Orthotics, and Rehabilitation Services*; master's degrees in *Physical Therapy, Physician Assistant Studies, and Rehabilitation Counseling Psychology*; and certificate programs in *Blood Bank Technology, Clinical Dietetics, Emergency Medicine Education (EMT/Paramedic), and Medical Technology.*

Medical Scientist Training Program

Taking advantage of the exceptional resources available through the medical and graduate schools, the Medical Scientist Training Program prepares individuals for medical careers that will include biomedical research as well as the application of research discoveries to the practice of medicine. The program awards combined M.D. and Ph.D. degrees.

With major financial support from the Perot Foundation and the National Institutes of Health, the program provides fellowships to more than 100 exceptionally talented medical scientists who might not otherwise be able to afford the expense of the demanding seven- to eight-year program.

Outstanding Faculty

The excellence of any educational institution is determined by the caliber of its faculty. The faculty at UT Southwestern has many distinguished members, including:

■ Four active Nobel laureates, more than any other medical school in the world:

• In 1985 *Drs. Michael Brown and Joseph Goldstein* shared the Nobel Prize in physiology or medicine for their discovery of the basic mechanism of cholesterol metabolism. Dr. Goldstein is chairman of molecular genetics at UT Southwestern. Dr. Brown directs the Erik Jonsson Center for Research in Molecular Genetics and Human Disease.

• *Dr. Johann Deisenhofer*, professor of biochemistry and investigator in the Howard Hughes Medical Institute at UT Southwestern, shared the 1988 Nobel Prize in chemistry for using X-ray crystallography to describe the structure of a protein involved in photosynthesis.

• *Dr. Alfred G. Gilman*, dean of Southwestern Medical School and former chairman of pharmacology, shared the 1994 Nobel Prize in physiology or medicine for the discovery of G proteins and the role they play in the complex processes by which cells communicate with each other.

The faculty also includes:

■ 15 members of the National Academy of Sciences.

■ 17 members of the Institute of Medicine.

■ More than 200 specialists listed in *Best Doctors in America: Central Region*.

Research

Research is the cornerstone upon which world-class medical education and patient care are built. UT Southwestern ranked first among the world's medical schools in the production of highly cited research papers in molecular biology and genetics between 1992 and 2002. The elite rank was compiled by *Science Watch*, an independent publication that reports on trends and performances in basic research.

Investigations into cancer, neuroscience, heart disease and stroke, arthritis, diabetes, and many other fields keep UT Southwestern at the forefront of medical progress.

At UT Southwestern, research on basic life processes and research on specific diseases go hand in hand. The investigators' discoveries form the foundation for new ways to prevent or treat disease.

Patient Care

A great comprehensive medical center also offers superior care and outstanding service to its patients. The physician faculty of UT Southwestern, serving patients of all ages, offers that care in a number of hospital and clinical settings, including UT Southwestern University Hospitals & Clinics, Parkland Health & Hospital System, Children's Medical Center Dallas, VA North Texas Health Care System, and a number of other affiliated hospitals and clinics in Dallas and Fort Worth.

UT Southwestern's faculty and residents annually provide inpatient hospital care to nearly 89,000 people and oversee approximately 2.1 million outpatient visits. They deliver almost 16,500 babies at Parkland and UT Southwestern University Hospitals and provide \$324 million in unreimbursed professional services annually.

Innovations in Medicine

UT Southwestern's *Innovations in Medicine* campaign to raise \$500 million for biomedical research and clinical advances was launched in April 2002. The priorities of the campaign include Alzheimer's and other neurological disorders; cancer; heart disease and stroke; pediatric illnesses, birth defects and inherited disorders; infectious diseases, immunology and bioterrorism defense; basic molecular research, biostatistics and computational biology, medical imaging, and biotechnology; and enhanced delivery of clinical care and service. For more information on the campaign, please call 214-648-2344.

Clinical Services Initiative

A special component of the *Innovations in Medicine* campaign is the Clinical Services Initiative, a program aimed at making interactions with the health-care system humane and patient-friendly instead of bewildering and bureaucracy-centered. The \$100 million initiative is intended to transform care at UT Southwestern by enhancing accessibility, improving communication and record-keeping, and providing highly trained, patient-centered staff. One example of this is MyChart, which allows patients to have Internet access to portions of their health records, including immunizations, allergies, medications and lab results.

Southwestern Medical Foundation

In 1943 Southwestern Medical Foundation established Southwestern Medical College. Since then, the Foundation has remained dedicated to supporting UT Southwestern and its affiliated institutions, playing an important role in its growth as one of the nation's leading biomedical centers. For more information about the Foundation, please go to www.swmedical.org.

Quick Facts

Current Student Enrollment (Fall 2005)

UT Southwestern Medical School	904
UT Southwestern Graduate School of Biomedical Sciences	731
UT Southwestern Allied Health Sciences School	308
Clinical residents	1,177
Postdoctoral fellows	924

Degrees Conferred 2004-2005

M.D.	211
Ph.D.	68
M.A./M.S.	28
M.P.T./M.P.A.S.	64
B.S.	49

Cumulative Degrees Conferred

UT Southwestern Medical School	8,629
UT Southwestern Graduate School of Biomedical Sciences	1,846
UT Southwestern Allied Health Sciences School	4,101

Funding

2004-05 operating funds	\$1.112 billion
State appropriations	10%
Hospital clinical revenues	16%
Federal grants and contracts	19%
Faculty clinical services	22%
Private grants, gifts and other income	33%

Research Programs

2004-05 expenditures	\$340.2 million
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Faculty (Fall 2005)

Regular full-time faculty	1,464
Part-time faculty	402
Faculty associates	105
Faculty administrators	28
Volunteer faculty	1,714

Staff

Administrative/professional	283
Full-time classified	6,425
Part-time and hourly classified	579

Physical Plant

Building space (square feet)	7.3 million
Projects under construction, in design (square feet)	442,000