The Yale School of Medicine educates future leaders in medicine, public health, and biomedical science enrolled in its 130th and other degree programs (listed at left). The 31st program follows a unique educational philosophy established in the 1920s by Dean William C. Winterstein, MD, known as the Yale system of medical education. No course grades or class rankings are given in the first two years, examinations are limited, and students are expected to engage in independent investigation. Yale medical students have been required to write a thesis based on original research since 1879. Each year, approximately 12 students enrolled in the school’s MfM/PhD Program, one of the original Medical Scientist Training Programs established and funded by the NIH. Students in the Combined Program in the Biological and Biomedical Sciences earn a PhD degree in the field of Art and Sciences.

Research activity
1,697 awards† totaling $16.1 million
NIH Awards $141.9 million
Rank among national medical schools 5
Grant, grant per faculty member Centers and Programs 4
Basic science departments 11
Active patients U.S. 358
World 574
Yale-funded investigator companies 40
Laboratory space (sf) Medical School 625,000
Class profile Teaching (Fall) 1,108
Research Lecturer/Instruction 237
Student 1,371
Visiting 54
Emeritus/Faculty 194
Voluntary/Adjunct 1,506
Subtotal 1,971
Total 3,845
Prestige 1,238

MEMBERSHIPS
National Academy of Sciences 40
Institute of Medicine 40
NIH study section members 1
HHMI investigators 18

Research at the medical school covers a broad spectrum, from fundamental studies in the life sciences, including cell biology, genetics, immunobiology, microbial pathogenesis, neuroscience, physiology, biophysics, and clinical sciences, to clinical studies aimed at improving the diagnosis and treatment of human diseases. Fund- ing for research has increased substantially over the past decade, rising from $287.9 million in 1999 to $51.6 million in 2008.
State-of-the-art core resources at the Yale Cancer Center provide access to the newest technologies in areas including: Genomics and proteomics, with more than 100 instrument systems for DNA and protein analyses, microarray studies, SNP genotyping, and mass spectrometry.
Cell and molecular imaging, ranging from confocal, electron and cryoelectron microscopy and X-ray crystallography.
MR and PET imaging.
Construction and analysis of animal models of disease.

Clinical overview
Income $124.4 million
Clinical specialties and subspecialties 129
Yale Medical Group Office visits 292,383
Patient encounters 1,341,516
Physicians Full-time 615
Part-time 114
Mental practitioners PA, APRN 198
Medical residents 576
Clinical fellows 220
Affiliated hospitals 5
Yale-New Haven Hospital
Patient discharges 52,144
Newborns 4,018
Emergency visits 128,777

Tuition 2007–2008 $42,350
Average debt, 2007–2008 graduates w/debt $124,135

Students by degree program
MD 365
MD/PhD 88
MD/MSM 36
MD/MS 1
MD/MA 3
MD/MHA 4
MD/MPH (PA) 4
MPH 160
PhD 360
Total 1,040

MD program details Class of 2012 profile
Applicants 2,139
Class size 100
Acceptance rate 5.9%
Average GPA 3.8
MCAT mean of sections 11.82
Male-to-female ratio 40 to 51
Faculty-to-student ratio 2.9 to 1
Tuition, 2008–2009 $42,350
Average debt, 2008 graduates with debt $124,135

Drug discovery and preclinical research, highlighting the newest technologies in areas including:
Genomics and proteomics, with more than 100 instrument systems for DNA and protein analyses, microarray studies, SNP genotyping, and mass spectrometry.
Cell and molecular imaging, ranging from confocal, electron and cryoelectron microscopy and X-ray crystallography.
MR and PET imaging.
Construction and analysis of animal models of disease.

Yale's medical graduates are more than 800 physicians provide primary and specialty care for patients under the auspices of the Yale Medical Group, one of the largest academic multi-specialty practices in the nation. The Yale doctors provide advanced care in more than 100 specialties and subspecialties, including organ transplantation, minimally invasive surgery, and state-of-the-art cancer care. Yale’s historical contributions to medicine include the first X-ray device performed in the United States, the first successful use of penicillin in America, the first use of cancer chemotherapy, and the identification of fetal heart monitoring, newborn care, and childbirth, and newborn care, and childbirth.

Yale doctors design the first artificial heart pump and the first insulin infusion pump for diabetes, and it was here that the means of transplating the porcine virus was established, paving the way for the Salk vaccine. Lyme disease was identified by two Yale physicians in 1975.

Yale physicians are experts in more than 100 specialties and subspecialties, including genetics. The Yale Medical Group, with more than 800 doctors, is one of the largest multi-specialty group practices in the United States.