Yale University and New Haven

The School of Medicine is located less than a mile west of the main campus of Yale University, one of the world’s great institutions of higher learning. With a residential college system modeled after Cambridge and Oxford, the undergraduate school is complemented by the Graduate School of Arts and Sciences, the Faculty of Engineering and the professional schools including Medicine, Nursing, Law, Management, Divinity and Forestry and Environmental Studies, which offer joint degrees.

In 1831, New Haven was the first planned municipality in America, organized geographically in nine squares. Today, New Haven is a vibrant coastal city located on Long Island Sound between New York and Boston. New Haven lays claim to the first hamburger and the world’s best pizza, as well as the renowned Shubert Theater, where countless Broadway shows proved their mettle before heading to New York. Cultural opportunities abound, from dance, theater and music to the treasures of Yale’s art and natural history museums.

Operating summary for the year ending June 30, 2005

<table>
<thead>
<tr>
<th>Income</th>
<th>Total $790.6M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinical income</td>
<td>$390.8M; 50%</td>
</tr>
<tr>
<td>Sponsored agreements</td>
<td>$261.2M; 33%</td>
</tr>
<tr>
<td>Tuition and fees</td>
<td>$90.4M; 11%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Expenses</th>
<th>Total $790.6M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other</td>
<td>$381.9M; 49%</td>
</tr>
<tr>
<td>Services &amp; supplies</td>
<td>$350.3M; 45%</td>
</tr>
<tr>
<td>Salaries and benefits</td>
<td>$271.9M; 35%</td>
</tr>
<tr>
<td>Tuition and fees</td>
<td>$17.4M; 2%</td>
</tr>
</tbody>
</table>

Yale University and New Haven

New Haven

Population: 130,370
Distance from: NYC: 90 miles, Boston: 137 miles

University profile

Faculty: 8,185
Students: 1,176

Operation revenue

Yale Univ. $8.1 billion
YSM $9.18 billion

Community service

More than 85 percent of students volunteer in one of close to 100 community service projects including:

- Hill Regional Career Clinic and HAVEN Homelessness Partnership
- Student-Run Free Clinic
- Clinic and HAVEN Homelessness Partnership
- hunger and Homelessness Program
- Monday night clinic
- Wednesday evening Clinic

Finances

The School of Medicine had operating income and expenses of $790.6 million in 2004, a 4.5 percent increase over 2003. The school continues to derive the largest portion of its revenues from sponsored research, improving its ranking from number 8 to number 7 in National Institutes of Health (NIH) awards to medical schools in 2005. Actual clinical sustaining the robust performance of the previous year with revenue increasing by 1 percent. Salaries and benefits for faculty, fellows and staff totaled 65 percent of expenditures.

Endowment

(6/30/05)

Yale Univ. $15.2 billion
YSM $1.25 billion

2005 capital projects $5 million

Endowment income

$1.25 billion; 8%
The Yale University School of Medicine is one of the world’s leading centers for biomedical research, advanced clinical care, and medical education. It ranks seventh among medical schools receiving research funding from the National Institutes of Health. More than 700 Yale physicians provide care to patients from across the region and around the world. The Yale System of medical education, with its emphasis on critical thinking and independent inquiry, has produced leaders in every field of academic medicine.

The seventh-oldest medical school in the United States, the school was established by the Connecticut General Assembly in 1810 when it chartered the Medical Institution of Yale College, located first on Grove Street, then at 150 York Street. Since 1924, it has occupied Sterling Hall on Grove Street, then at 150 York Street. Since 1814, it has been an integral part of Yale University, located first of Yale College, located first of Yale College and subsequently at 333 Cedar Street and 432 Park Avenue. 

The School of Medicine provides access to the resources of Yale’s full spectrum of biomedical sciences and the graduate and professional schools. 

Research activity 1,390 awards totaling $436.5 million
NIH awards $384.5 million
NIH Center and Program grants 47
NIH small research awards 7
Basic science and bridge departments 11
Academic departments for Yale specialties 315
Yale-founded biotech companies, Everscar New Haven 21
Research award data are for Yale’s fiscal year ending 6/30/05; NIH funding for a future fiscal year ending 6/30

Faculty profile
Teaching ladder 1,083
Research 492
Lecturer/instructor 281
Statistical 1,180
Visiting/Adjunct 76
Emeritus/Retired 131
Vocational 3,203
Statistical 2,055
Total 3,871
Postdoctoral fellows & associates 1,151
Members of National Academy of Sciences 63
Institutes of Medicine 37
NIH study section members 43
HHMI investigators 16

Research
Research at the medical school covers a broad spectrum, from fundamental studies in areas such as cell biology, genetics, immunobiology, microbial pathogenesis, neuroscience, physiology, biophysics and biochemistry to clinical studies aimed at improving the diagnosis and treatment of human diseases. Funding for research has almost doubled over the past decade, rising from $246 million in 1995 to $436.5 million in 2005.

State-of-the-art core resources at the School of Medicine 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 to X-ray crystallography
- MR and PET imaging
- Construction and analysis of animal models of disease and disease mechanisms
- Neuropathology and neuroimaging
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- Cell and molecular imaging, ranging from confocal, electron and cryoelectron microscopy to X-ray crystallography
- MR and PET imaging
- Construction and analysis of animal models of disease and disease mechanisms
- Neuropathology and neuroimaging

Students by degree program
M.D. 396
Ph.D. 271
M.D./Ph.D. 85
M.P.H. 271
M.D./M.P.H. 5
Total 1,176

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M.D. program details
Class of 2009 profile
Applicants 3,708
Nos. enrolled 100
Acceptance rate 5.9%
Average GPA 3.97
MCAT mean of sections 11.6
Male-to-female ratio 42 to 78
Faculty-to-student ratio 2.9 to 1
Tuition, 2005–2006 $37,280
Averages, 2005 graduates and fellowship

Clinical overview
Reserves $291 million
Clinical departments 16
Yale Medical Group 4,913 living alumni with M.D. degrees, awarded 7,839 medical degrees. There are 2005 graduates

Clinical care
More than 700 Yale 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. 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 performed in the United States, the first successful use of penicillin in America, the first use of cancer chemotherapy, and the introduction of fetal heart monitoring, natural childbirth and newborn rooming-in. Yale doctors designed the first artificial heart pump and the first insulin infusion pump for diabetes, and it was here that the polio virus was isolated and its means of transmission established, paving the way for the Salk vaccine. Lyme disease was identified by two Yale physicians in 1985.

YMG physicians
Full-time 701
Part-time 134
YMG midlevel practitioners (PA, NNP) 79
Medical residents 659
Clinical fellows 215
Clinical nurse/research and office staff for the year ending 6/30/05.

Affiliated hospitals 12
Yale-Nashua Hospital
Fellowships 48,595
Newborns 4,093
Emergency visits 10,052

Voluntary 1,828
Lecturer/instructor 281
Part-time 134
NIH study section 49
NIH Center and Program grants 47
NIH small research awards 7
Research award data are for Yale’s fiscal year ending 6/30/05; NIH funding for a future fiscal year ending 6/30

Postdoctoral fellows & associates 1,151
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NIH study section members 43
HHMI investigators 16

Clinical MD
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