



# Yale School of Medicine

is one of the world's leading centers for biomedical research, advanced clinical care, and medical education.

It ranks third among medical schools receiving funds from the National Institutes of Health (NIH) and fourth in NIH dollars per faculty member. More than 1,900 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 student research, has produced leaders throughout academic medicine.

The sixth-oldest medical school in the United States, Yale School of Medicine was chartered by the Connecticut General Assembly in 1810 as the Medical Institution of Yale College, located first on Grove Street, then at 150 York Street. Since 1924, it has occupied Sterling Hall of Medicine at 333 Cedar Street and surrounding buildings. It has awarded 10,123 medical degrees since 1814. There are 5,792 living alumni with medical degrees, 6,246 with Master of Public Health degrees, and 1,753 alumni of the Physician Associate Program with the PA-C certificate or Master of Science degree, and 293 alumni of the Physician Assistant Online Program division.

## Education

Yale School of Medicine (YSM) educates future leaders in medicine and biomedical science. Since 1839, medical students have written a thesis based on original research, reflecting that the scientific process of investigation, observation, interpretation of data, and critical evaluation of literature are fundamental to the practice of medicine.

Many medical students take an optional flex year to conduct in-depth research, explore clinical electives and subinternships, or obtain a joint or dual degree. A significant number are awarded fifth-year research fellowships and earn the Master of Health Science (MHS) degree.

Each year, approximately 20 students enroll in the school's MD-PhD Program, one of the original Medical Scientist Training Programs established and funded by the NIH. Graduate students in the combined program in the Biomedical and Biological Sciences earn a PhD degree through the Faculty of Arts and Sciences. YSM residents, fellows, and faculty, as well as individuals from other institutions, can earn a two-year MHS degree. YSM also offers joint degree programs with other professional schools including Public Health, Law, Management, Engineering, and Divinity.

YSM's campus-based Physician Associate (PA) Program, one of the oldest PA programs in the country, trains students to become compassionate, high-quality, patient-centered PAs. Serving the same mission, the Yale Physician Assistant Online Program will graduate its final class in 2026.

In 2024, YSM formed six student advisory houses that support students with academic and career advising and provide a place for them to connect with their classmates, students from other classes and programs, residents and fellows, faculty, community, and alumni.

<b>Students (total)</b>	<b>1,802</b>
<b>Students by Degree Program</b>	
MD Program <sup>1</sup>	
MD	357
MD-PhD	155
MD/MHS	22
MD/MBA	9
MD/MPH	3
MD/JD	0
MMSc (PA-C) Physician Associate Program	115
Physician Assistant Online Program	106
MPH	596
PhD	439
<b>MD Program Details</b>	
<b>CLASS OF 2028 PROFILE</b>	
Applicants	5,669
Class size	104
Female students	54
Male students	50
Acceptance rate	4.9%
URiM <sup>2</sup>	28%
First generation	9.6%
Financial assistance	72%
Median cumulative GPA	3.94
MCAT median	521
MCAT median of sections	130
Faculty-to-student ratio	4.4 to 1
<b>Finances</b>	
2024-25 tuition	\$72,290
2024 average debt for those with debt	\$91,965
<b>Medical Library</b>	
Volumes	463,511
Journals	22,262
Online books, biomedical Databases	57,000+
	126



### THE YALE SYSTEM

The MD Program follows a unique educational philosophy—the Yale System of Medical Education—established in the 1920s. No course grades or class rankings are given in the first two years; examinations are limited, and students are expected to engage in independent investigations.

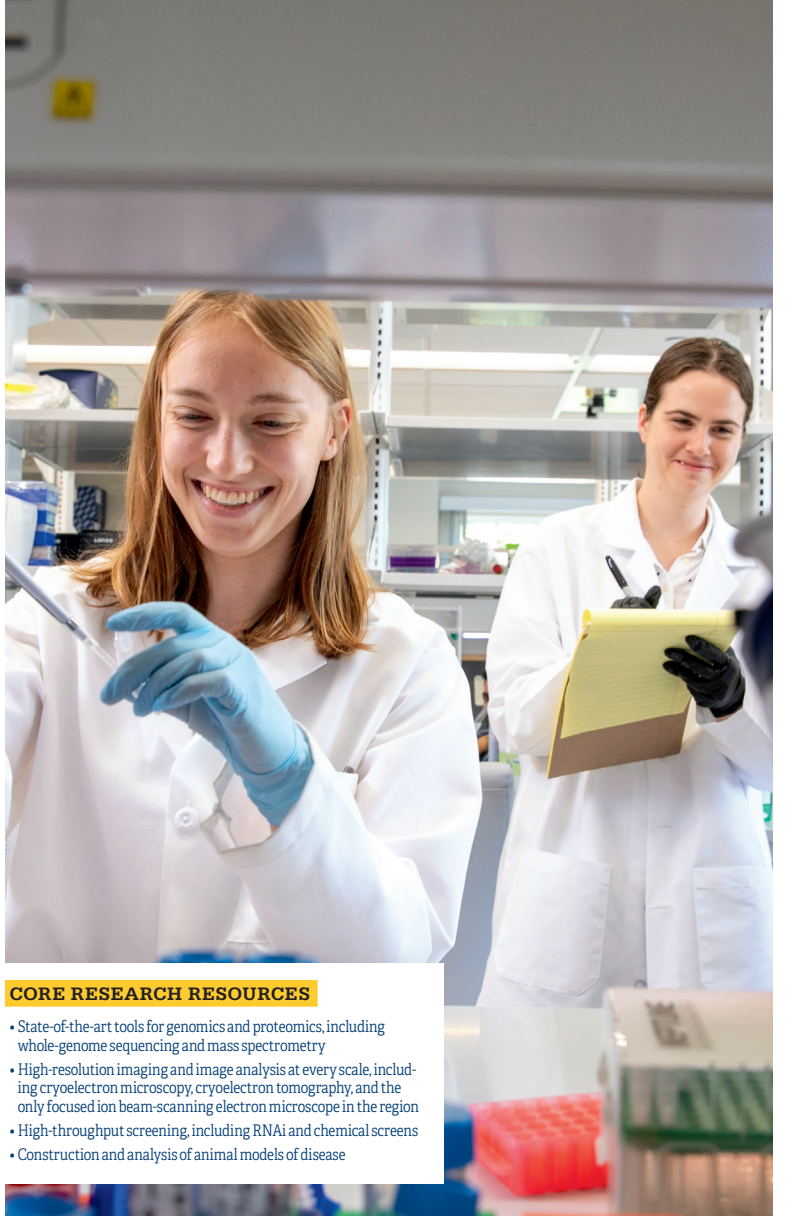
## Basic and Translational Research

Research at the medical school covers a broad spectrum, from fundamental studies in the life sciences, including cell biology, genetics, immunobiology, microbial pathogenesis, neuroscience, pharmacology, physiology, biophysics and biochemistry, to translational and clinical studies aimed at improving the diagnosis and treatment of human diseases. Important research collaborations bring together scientists on the medical campus, Science Hill, and the West Campus. Total funding for research at YSM was \$804.0 million in 2024.

In 2022, the school advanced its commitment to data science by creating a section for Biomedical Informatics and Data Science as the academic home for faculty focused on clinical organization, analyses, and access, as well as developing the computational infrastructure needed to employ artificial intelligence (AI) and advanced analytics in a secure and privacy-protecting manner. In 2024, the section achieved department status.

In 2023, a new biorepository service was formed to store, retrieve, and share biological samples such as blood, solid tissues, DNA, RNA, and proteins, for current and future research studies. Also in 2023, Yale became one of three partners to form the biomedical research hub, Chan Zuckerberg Biohub New York. The hub's mission is to bioengineer immune cells to detect the earliest stages of diseases, potentially before they are detectable with current approaches or before symptoms appear. In 2025, YSM supported the creation of the Yale Biomedical Imaging Institute, bringing together renowned experts in imaging technology, clinical translation, and data science from across the university.

<b>Academic Departments</b>	<b>29</b>
Basic science	11
Clinical	18
<b>Programs &amp; Centers</b>	<b>6</b>
<b>Active Patents</b>	<b>1,636</b>
U.S.	576
International	1,060
<b>Yale-Founded Biotech Companies</b>	<b>186</b>
<b>Faculty</b>	<b>5,370</b>
Teaching (ladder)	2,405
Research	791
Lecturer/Instructor	244
Visiting	49
Emeritus/Retired	175
Voluntary/Adjunct	1,706
<b>Postgraduate Fellows &amp; Associates<sup>3</sup></b>	<b>1,959</b>
<b>Memberships &amp; Awards<sup>4</sup></b>	
Association of American Physicians	46
Breakthrough Prize	3
Fields Medal	1
HHMI investigators/professors	9
Kavli Prize	2
Lasker Awards	4
MacArthur Genius Grant	6
National Academy of Engineering	9
National Academy of Medicine	62
National Academy of Sciences	67
Nobel Prize	3
Wolf Prize	2
<b>Faculty with Endowed Professorships</b>	<b>175</b>
<b>Research Activity</b>	
Number of awards	3,258
Dollar total	\$804.0 million
<b>NIH Awards</b>	<b>\$598.2 million</b>
Rank, total grant dollars among medical schools <sup>5</sup>	3rd
Rank, grants per faculty member <sup>6</sup>	4th
<b>Centers and program grants</b>	<b>16</b>
<b>Lab Space (net assignable sq. ft.)</b>	
Medical School	781,714



### CORE RESEARCH RESOURCES

- State-of-the-art tools for genomics and proteomics, including whole-genome sequencing and mass spectrometry
- High-resolution imaging and image analysis at every scale, including cryoelectron microscopy, cryoelectron tomography, and the only focused ion beam-scanning electron microscope in the region
- High-throughput screening, including RNAi and chemical screens
- Construction and analysis of animal models of disease

## Clinical Investigation

Clinical investigation at Yale bridges the gap between the basic and translational sciences and the practice of medicine. Research is focused on the factors that affect health and illness in populations, the evaluation of therapeutic interventions, and the assessment of health outcomes based on analysis of large data sets.

Yale School of Medicine sponsors a wide range of clinical trials, with more than 2,241 active trials in 2024, over 28,000 “Help Us Discover” unique volunteers enrolled (see [yalestudies.org](http://yalestudies.org)), and 37,302 active subjects. The school offers superb training for clinical investigators in a number of settings, including the Yale Center for Clinical Investigation (YCCI), the National Clinician Scholars Program at Yale (the evolution of the Robert Wood Johnson Foundation Clinical Scholars Program), and the Investigative Medicine Program, along with discipline-specific training initiatives in selected departments.

YCCI facilitates the training of clinical and translational scientists and provides infrastructure for innovative and collaborative research directed at improving patient care. It funds up to 15 YCCI Scholars yearly and supports investigators in the areas of biostatistics, bioinformatics, study design, core technologies, regulatory review, patient recruitment, and community-based research.

**The National Clinician Scholars Program at Yale** was established in 2016 to prepare future clinician leaders to improve health and health care. Graduates of the two-year interprofessional fellowship earn a master of health sciences (MHS) degree.

**The Master of Health Science Program** was restructured in 2024 and provides rigorous training for future independent investigators and educational leaders. The two-year program offers four tracks: Advanced Health Sciences Research, Clinical Informatics & Data Science, Clinical Investigation, and Medical Education.

**The Investigative Medicine Program** awards a PhD degree to holders of MD degrees who pursue training in either laboratory-based or clinically based human investigation.

<b>By the Numbers</b>	
RWJ Scholars since 1974	187
NCSF Scholars since 2016	65
PhDs awarded by Investigative Medicine Program since 2003	72
YCCI Scholars trained since 2006	227



### CLINICAL TRIALS

Faculty reviewing preclinical model data pertaining to lung cancer immunotherapies.

- FIND A YALE DOCTOR**  
[yalemedicine.org](http://yalemedicine.org)  
(877) YALE MDS  
(877) 925-3637
- YSM ADMISSIONS**  
[medicine.yale.edu/md-program/admissions](http://medicine.yale.edu/md-program/admissions)  
(203) 785-2696
- YSM NEWS**  
[medicine.yale.edu](http://medicine.yale.edu)
- MEDIA INQUIRIES**  
[communications.yale.edu/about-opac](http://communications.yale.edu/about-opac)  
(203) 432-1345
- YALE DIRECTORY**  
[directory.yale.edu](http://directory.yale.edu)  
(203) 432-4771
- YNHH DIRECTORY**  
(203) 688-4242
- MAKE A GIFT**  
[yale.edu/givemedicine](http://yale.edu/givemedicine)  
[development.gifts@yale.edu](mailto:development.gifts@yale.edu)
- FACTS AND FIGURES COPIES**  
[ysm.communications@yale.edu](mailto:ysm.communications@yale.edu)  
[medicine.yale.edu/facts](http://medicine.yale.edu/facts)  
YSM Office of Communication  
50 Division Street  
2 Science Park, Floor 2  
New Haven, CT 06511
- MAPS AND DIRECTIONS**  
[medicine.yale.edu/maps](http://medicine.yale.edu/maps)

All data in Facts & Figures as of 6/30/24 unless otherwise noted. <sup>1</sup> Of 546 enrolled students, 67 students are currently on extended study pursuing a joint degree, completing a fully funded year of research, or a combination of research and clinical rotations. <sup>2</sup> Students who identify as underrepresented in medicine. <sup>3</sup> Includes Postgraduate Fellows & Associates, Postdoctoral Fellows & Associates, Clinical Fellows & Associates & Psychiatry Residents <sup>4</sup> Includes faculty across Yale University. <sup>5</sup> NIH ranking is for the federal fiscal year ending 9/30/24. <sup>6</sup> Per faculty rank averaged over 2024 and 2025. Produced by Yale School of Medicine's Office of Communications. Photos by Cecille Joan Avila, Anthony DeCarlo, Robert A. Lisak, Michael Marsland, and Andrew Osborne.



## Patient Care

More than 1,900 Yale physicians provide primary and specialty care for patients through the school's faculty practice, Yale Medicine. The practice delivers advanced care in more than 100 specialties and subspecialties, and has centers of excellence in such fields as cancer, cardiac care, minimally invasive surgery, and organ transplantation. Yale physicians have made many historical contributions, including the first use of cancer chemotherapy, the first artificial heart pump, and the first insulin infusion pump for diabetes. Today they use such groundbreaking advances as DNA sequencing technology to diagnose suspected genetic diseases and the first therapy to prevent Type I Diabetes Mellitus (T1DM). Yale Medicine is a major referral center for Connecticut, New England, and New York and treats patients throughout the world.

Patient Care Overview	
Income	\$1.54 billion
<b>Yale Medicine</b>	
Patient encounters	3.2 million
<b>Physicians</b>	
Full-time	1,765
Part-time	207
Advanced Practice Providers	867
Clinical fellows	433
Medical residents	958
<b>Yale New Haven Hospital<sup>7</sup></b>	
Patient discharges	71,866
Emergency visits <sup>8</sup>	185,820
Outpatient encounters (including ED)	1,583,304
Total licensed beds	1,541

## Clinical Affiliations

An affiliation agreement between the medical school and Grace-New Haven Hospital in 1965 created Yale New Haven Hospital (YNHH), which expanded in 1993 with the opening of the Children's Hospital, and again in 2000 with the acquisition of the Psychiatric Hospital.

In 1999, an affiliation agreement was established between the medical school and Yale New Haven Health System, which included multiple non-profit healthcare enterprises, to collectively grow in the areas of clinical programs, clinical research, and medical education.

In 2009, the 14-story Smilow Cancer Hospital opened, and in 2012 YNHH acquired the Hospital of Saint Raphael, adding 533 beds and making it one of the largest hospitals in the United States. The medical campus has grown over the years to include the institutions listed at right.

In West Haven, the affiliated VA Connecticut Healthcare System maintains clinical, research, and education programs in conjunction with many medical school departments.

Medical Institutions
Connecticut Mental Health Center
Yale Health
Yale Medicine
Yale School of Medicine
Yale New Haven Health, including:
– Bridgeport Hospital
– Greenwich Hospital
– Lawrence + Memorial Hospital
– Northeast Medical Group
– Westerly Hospital
– Yale New Haven Hospital
– Yale New Haven Children's Hospital
– Yale New Haven Psychiatric Hospital
– Smilow Cancer Hospital at Yale New Haven



## Yale and New Haven

Yale School of Medicine (YSM) is located on the main campus of Yale University. With a residential college system modeled after those of Cambridge and Oxford, the undergraduate school is complemented by the Graduate School of Arts and Sciences and 13 professional schools, including Architecture, Art, Divinity, Drama, Engineering and Applied Science, Forestry and Environmental Studies, Global Affairs, Law, Management, Medicine, Music, Nursing, and Public Health, which assumed independent school status in July 2024.

In 2007, Yale acquired the 136-acre West Campus in West Haven, which houses many centers, including Yale Centers for Genome Analysis, Molecular Discovery, and Research Computing, as well as the Analytical, Imaging, and Materials Characterization research cores. Yale institutes based at West Campus include Biomolecular Design and Discovery, Cancer Biology, Energy Sciences, Microbial Sciences, Nanobiology, Preservation of Cultural Heritage, and Systems Biology.

Established in 1638, New Haven was the first planned municipality in America, organized geographically in nine squares, including a picturesque town green. Today, New Haven is a vibrant coastal city located on Long Island Sound between New York and Boston. Cultural opportunities abound, from dance, theater, and music to the treasures of Yale's art and natural history museums.

New Haven Profile	
2020 Population	134,023
<b>DISTANCE FROM:</b>	
NYC	80 miles
Boston	137 miles
<b>University Profile</b>	
Yale totals include YSM	
<b>FACULTY</b>	
Yale	5,774
YSM	3,440
<b>STAFF</b>	
Yale	12,058
YSM	4,261
<b>STUDENTS</b>	
Yale	15,564
YSM <sup>9</sup>	1,802

**Community Service**  
Our students immerse themselves in New Haven's community. They work to deliver health care for community members, participate in public advocacy throughout the city, and serve as role models and mentors through volunteer work in the schools.

Community Service Organizations	
– Columbus House	
– HAVEN Free Clinic (student-run free clinic)	
– Health Professionals Recruitment and Exposure Program	
– Hill Regional Career High School Anatomy Teaching Program	
– Hunger and Homelessness Auction	
– Neighborhood Health Project	
– Refugee Patient Navigator Program	
– Youth Science Enrichment Program	
– Integrated Refugee & Immigrant Services (IRIS)	



## International Activities

Yale School of Medicine is an active partner in fulfilling Yale's international goals, which include preparing students for international leadership and service, attracting the most talented students and scholars to Yale from around the world, and positioning Yale as a global university of consequence. Faculty members conduct research abroad, teach, and design courses in global health. Their work runs the gamut from molecular studies at the nanoscale to the analysis of social networks in disease transmission and prevention, to the improvement of health care systems.

### PROGRAMS AT YALE

**Office of Global Health** Facilitates the placement of Yale medical students in global clinical electives at sites in Argentina, Chile, China, Colombia, Dominican Republic, Ghana, India, Jamaica, South Africa, Uganda, and the U.S. (rural sites in Appalachia and on the Navajo Nation in Arizona as well as in free clinics in New Haven and San Francisco). The office also administers the Visiting International Student Elective Program.

**Downs International Health Student Travel Fellowship** Supports students who undertake health-related research, primarily in low- and middle-income countries.

**Yale/Stanford Global Health Scholars** Sponsors rotations abroad for Yale house staff and physicians from other institutions, who travel to six sites in Africa and Asia.

Yale Institute for Global Health	
A university-wide effort led by the Schools of Medicine, Nursing, and Public Health that serves as the focal point for research, education, and engagement with global partners to improve the health of individuals and populations worldwide.	
<b>Yale Office of International Affairs</b> A resource for establishing and maintaining collaborations abroad, drawing on existing relationships on six continents. It maintains an online faculty research database.	
<b>Norwegian University of Science and Technology</b> A partnership that provides support for the exchange of students, fellows, and faculty in such areas as cancer, immunology, and neuroscience.	

By the Numbers 2024–25	
<b>INTERNATIONAL STUDENTS AT YALE</b>	
MD	8.2%
PhD (Sciences)	29%
<b>YALE STUDENTS/TRAINees ABROAD</b>	
MD (international sites)	7
MD (domestic sites)	2
Downs Fellows	1
Yale/Stanford Scholars	19
<b>VISITING MD STUDENTS AT YALE</b>	
From other nations	85

## Finance

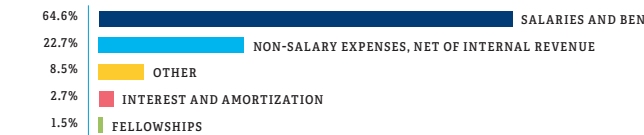
The School of Medicine had an operating income of \$2.9 billion in FY24. A total of \$985.4 million in sponsored research funding was received and spent during the fiscal year<sup>10</sup>. Clinical income totaled \$1.55 billion. The school ranked third among medical schools receiving research funding from the NIH in FY24 and fourth in NIH grants per faculty member. Salaries and benefits totaled 64.6% of expenditures.

Endowment	
Yale	\$41.3 billion
YSM	\$3.8 billion
2024 Operating Income	
Yale	\$5.8 billion
YSM	\$2.9 billion
2024 Capital Projects	
NEW CONSTRUCTION/ACQUISITIONS	
Yale	\$222.3 million
YSM	\$146.5 million
RENOVATIONS/ALTERATIONS	
Yale	\$391.9 million
YSM	\$80.3 million

### INCOME: \$2.9 BILLION TOTAL



### EXPENDITURES



# Facts & Figures

## 2024–2025

<sup>7</sup> Yale New Haven Hospital data as of 09/30/2024; includes the Children's Hospital, Psychiatric Hospital, Smilow Cancer Hospital, and the former Hospital of Saint Raphael, which was acquired by YNHH on 9/12/12. Licensed beds include bassinets. <sup>8</sup> Number of patients treated and released from the ED. This does not include those ED visitors who were admitted.

<sup>9</sup> Further breakdown can be found on the Education page.

<sup>10</sup> Research income doesn't equal award amounts because research dollars aren't always spent in the same period they are awarded.