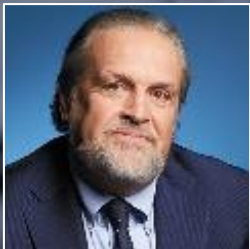


Icahn School of Medicine at Mount Sinai

State of the School 2022



Dennis S. Charney, MD

Anne and Joel Ehrenkranz Dean
Icahn School of Medicine at Mount Sinai
President for Academic Affairs
Mount Sinai Health System



Icahn School
of Medicine at
**Mount
Sinai**

Research That Makes a Difference in the lives of patients

COVID-19

JAMA
Network | **Open**™

DECEMBER 5, 2022

Efficacy and Safety of Pacritinib vs Placebo for Patients With Severe COVID-19
A Phase 2 Randomized Clinical Trial

John Cafardi, MD; Carole Miller, MD;
Howard Terebelo, DO;

Science
JOURNALS | AAAS

SEPTEMBER 14, 2022

A shift in lung macrophage composition is associated with COVID-19 severity and recovery

Steven T. Chen; Matthew D. Park; Diane Marie Del Valle; Mark Buckup; Alexandra Tabachnikova; Ryan C. Thompson, PhD; Nicole W. Simons; Konstantinos Mouskas; Brian Lee; Daniel Geanon; Darwin D Souza; Travis Dawson; Robert Marvin; Robert Marvin; Zhen Zhao, MD, PhD; Jessica LeBerichel; Christie Chang; Hajra Jamal; Guray Akturk; Udit Chaddha, MD; Kusum Mathews, MD, MPH, MSCR; Samuel Acquah, MD; Stacey-Ann Brown, MD, MPH; Michelle Reiss; Timothy Harkin; Charles A. Powell; Jaime L. Hook; Seunghee Kim-Schulze; Adeeb H. Rahman; Brian D. Brown; Noam D. Beckmann; Sacha Gnjatic; Ephraim Kenigsberg; Alexander W. Chamey; Miriam Merad

CANCER



DECEMBER 12, 2022

770 Effective Treatment of Low-Risk Acute GvHD with Itacitinib Monotherapy

Alexandra Capellini; Aaron Etra, MD; Janna Baez; Isha Gandhi; Stelios Kasikis; Deukwoo Kwon, PhD; George Morales; Umut Ozbek, PhD; Nikolaos Spyrou, MD; Rachel Young; James L.M. Ferrara, MD, DSc; John E. Levine, MD, MS

Cancer Cell

SEPTEMBER 12, 2022

NKG2A and HLA-E define an alternative immune checkpoint axis in bladder cancer

Bérengère Salomé; John P. Sfakianos, MD; Daniel Ranti; Matthew D. Galsky, MD; Nina Bhardwaj, MD, PhD

BRAIN

nature

NOVEMBER 16, 2022

APOE4 impairs myelination via cholesterol dysregulation in oligodendrocytes

Joel W. Blanchard, PhD; Leyla Anne Akay, Jose Davila-Velderrain, Djuna von Maydell

nature

AUGUST 5, 2022

Genetics of the human microglia regulome refines Alzheimer's disease risk loci

Roman Kosoy, PhD; John F. Fullard, PhD; Biao Zeng; Jaroslav Bendl, PhD; Pengfei Dong, PhD; Samir Rahman, PhD; Steven P. Kleopoulos; Zhiping Shao; Kiran Girdhar, PhD; Jack Humphrey, PhD; Katia de Paiva Lopes, PhD; Alexander W. Chamey, MD, PhD; Brian H. Kopell, MD; Towfique Raj, PhD; Christopher P. Kellner, MD; Vahram Haroutunian, PhD; Gabriel E. Hoffman, PhD; Panos Roussos, MD, PhD

HEART

THE LANCET

NOVEMBER 26, 2022

Bivalirudin plus a high-dose infusion versus heparin monotherapy in patients with ST-segment elevation myocardial infarction undergoing primary percutaneous coronary intervention: a randomized trial

Gregg W. Stone, MD, FACC, FSCAI



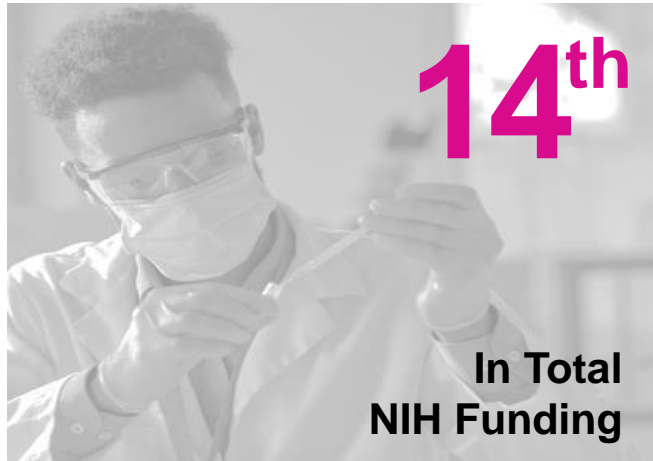
The NEW ENGLAND
JOURNAL of MEDICINE

SEPTEMBER 15, 2022

Polypill Strategy in Secondary Cardiovascular Prevention

Jose M. Castellano, MD, PhD;
Deepak L. Bhatt, MD, MPH

Recognized for Research Excellence



Ranked No. 14 in total NIH funding among all U.S. medical schools

Source: NIH



14 basic and clinical science departments in top 20 NIH funding

Source: Blue Ridge, 2021



99th percentile among U.S. private medical schools in research dollars per investigator

Source: AAMC

Department Rankings for NIH Funding: Top 20

Basic Sciences

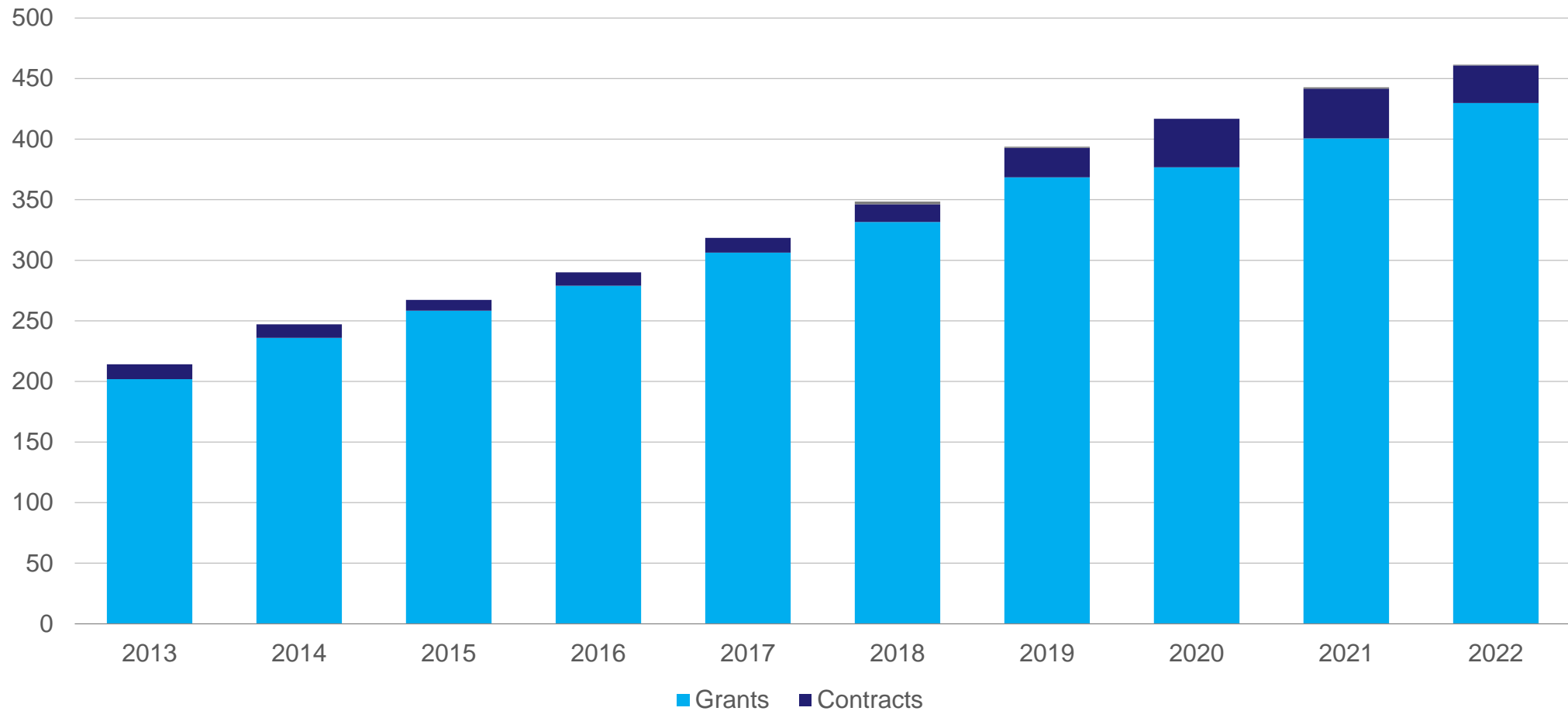
No. 2 Neuroscience \$36.9M	No. 2 Genetics \$48.9M	No. 5 Cell Biology \$15M	No. 9 Pharmacology \$15.8M	No. 14 Microbiology \$17.2M
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Clinical Sciences

No. 4 Public Health \$23.9M	No. 7 Psychiatry \$43.6M	No. 10 Emergency Medicine \$3.7M	No. 10 Urology \$2.2M	No. 14 Physical Medicine \$1.1M	No. 15 Radiology \$12.6M	No. 13 Internal Medicine \$125M	No. 13 Neurology \$24.3M	No. 20 Neurosurgery \$2.6M
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(Source: Blue Ridge 2021 Data)

Our NIH Funding is Growing: 2013–2022 (\$ in millions)



Icahn Mount Sinai Is a Research Powerhouse

National Center for Advancing Translational Sciences Program (CTSA)

- \$55.5 million, five-year, grant from NIH
Rosalind J. Wright, MD, MPH

Mount Sinai Million Health Discovery Program

- Alexander W. Charney, MD, PhD; Girish N. Nadkarni, MD, MPH

Comprehensive Center for Surgical Innovation

- \$11.6 million,
• Joshua Bederson, MD; Evan L. Flatow, MD

Antiviral Drug Discovery Centers for Pathogens of Pandemic Concern

- \$16 million from NIH
- Adolfo García-Sastre, PhD; Benhur Lee, MD; Matthew Evans, PhD;
Lisa Miorin, PhD; Christopher Basler, PhD; Gustavo Palacios, PhD

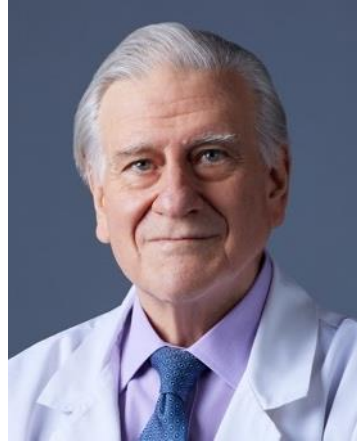


Recognition for Our Faculty and Students



**Yvette Calderon
MD, MS**

National Academy of
Medicine



**Valentin Fuster
MD, PhD**

Inaugural Valentin Fuster
Award for Innovation in
Science

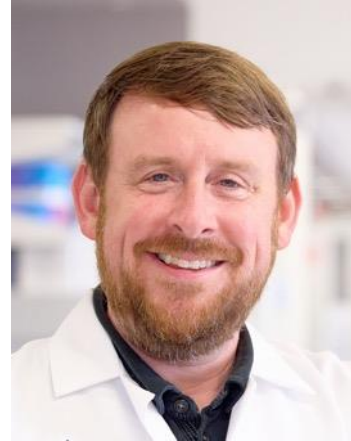
American College of
Cardiology

TCT 2022 Career
Achievement Award



**Isabelle Germano
MD**

Chair, AANS/CNS
Section on Tumors (first
woman)



**Ian Maze
PhD**

Society for Neuroscience,
Jacob P. Waletzky Award



**Roxana Mehran
MD**

Women in Cardiology
Mentoring Award
American Heart
Association



**Mone Zaidi
MD, PhD, MACP**

Chair, Honorary Fellow,
British Pharmacological
Society

Special Recognition
Award,
Alliance of Academic
Internal Medicine (AAIM)

Recognition for Our Faculty and Students



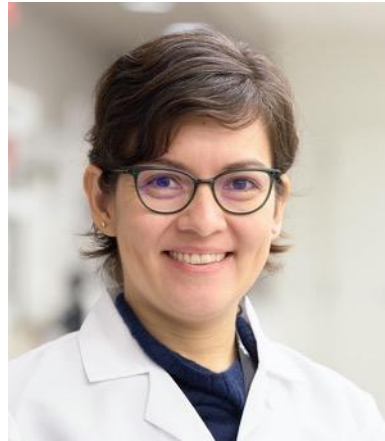
Brendan G. Carr
MD, MS

2022 “Chair of the Year”
Award Emergency
Medicine Residents’
Association



Bruce Gelb
MD

President, American
Society of Human Genetics
(ASHG)



**Ana S. Gonzalez-
Reiche**
PhD

2022 STAT Wunderkinds
Award



Adriana K. Malone
PhD

ACGME Parker J. Palmer
Courage to Teach Award



Michelle Tran
MD/PhD Student

20L’Oréal Paris Women of
Worth
CNN Hero Salute

Accelerating Translational Research Through New Research and Educational Initiatives

Institute and Center Directors

- Deepak L. Bhatt, MD, MPH, Mount Sinai Heart
- Samin K. Sharma, MD, Mount Sinai Cardiovascular Clinical Institute
- Alexander W. Charney, MD, PhD, and Girish N. Nadkarni, MD, MPH, The Charles Bronfman Institute for Personalized Medicine
- Brian Brown, PhD, Icahn Genomics Institute
- Paolo Cravedi, MD, PhD, Translational Transplant Research Center

Centers (newly established or reorganized)

- Priti Balchandani, PhD, Center for Engineering and Precision Medicine (in partnership with Rensselaer Polytechnic Institute)
- Joshua Bederson, MD; Evan L. Flatow, MD, Comprehensive Center for Surgical Innovation
- Adolfo García-Sastre, PhD, Center for Antiviral Medicines and Pandemic Preparedness
- Carol Gregorio, PhD; Center for Muscle Biology
- Leona Hess, PhD, MSW; Ann-Gel Palermo, DrPH, MPH, Center for Anti-Racism in Practice
- Amy Kontorovich, MD, Mount Sinai Center for Inherited Cardiovascular Diseases
- Benhur Lee, MD, Antiviral Countermeasures Development Center
- Amanda J. Rhee, MD, Center for the Advancement of Asian Equity and Professional Development
- Panos Roussos, MD, PhD; Center for Disease Neurogenomics

New Appointments and Promotions

Deans



Michal A. Elovitz, MD
Women's Health Research



Bruce D. Gelb, MD
Child Health Research

Senior Associate Deans



Stephanie Autenrieth, MEd
Med Enrollment Services



Margaret H. Baron, MD, PhD
Basic and Clinical Research Training



Jenny J. Lin, MD, MPH
Office of Gender Equity in Science and
Medicine



Sarah E. Millar, PhD
Basic Research, Icahn School of Medicine



Talia H. Swartz, MD, PhD
MD/PhD Student Education

Associate Dean



**Kristine Markovich Alpi, MLS,
MPH, PhD**
FMLA, AHIP, Libraries and Information
Sciences

New Appointments and Promotions

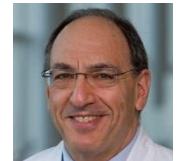
Chairs



Thomas Fuchs, DrSc
Department of Artificial Intelligence
and Human Health



Monica Kraft, MD
Department of Medicine



Neil Rofsky, MD, MHA
Department of Radiology



Joanne L. Stone, MD, MS
Department of Obstetrics, Gynecology
and Reproductive Science

Chiefs



Girish N. Nadkarni, MD
Division of Data-Driven and Digital Medicine,
Department of Medicine

Admin



Lindsey Douglas, MD, MS
Chief Medical Officer, Mount Sinai Kravis
Children's Hospital



Valentin Fuster, MD, PhD
President, Mount Sinai Heart



Jonathan P. Kyriacou, MPH
Chief Operating Officer,
The Mount Sinai Hospital



Cardinale B. Smith, MD, PhD
Chief Medical Officer, the Tisch Cancer
Hospital and Vice President of Cancer
Clinical Affairs



Ashutosh K. Tewari, MBBS, MCh
Surgeon-in-Chief, the Tisch Cancer Hospital
at The Mount Sinai Hospital

Opportunities for Career Growth: Investigator Track Faculty

Icahn Mount Sinai's robust faculty development and mentoring programs make us an attractive institution for early-stage and mid-career faculty.

46 New Investigator Track Faculty in:

- AI and Human Health
- Cancer Immunology
- Cardiovascular Research Institute
- Cell Developmental and Regenerative Biology
- Dermatology
- Endocrinology
- Environmental Medicine and Public Health
- Gastroenterology
- Genetics
- Genetics/Genomic Sciences
- Global Health
- Liver MSH
- Medicine Admin
- Medicine: Cardiology
- Microbiology
- Neurology
- Neuroscience
- Oncological Sciences
- Ophthalmology
- Orthopedics
- Otolaryngology
- Pathology
- Pharmacological Sciences
- Population Health Science and Policy
- Psychiatry
- Psychiatry/Neurosciences
- Pulmonary, Critical Care and Sleep Medicine/Cell, Developmental and Regenerative Biology
- Radiology/BMEII
- Rehabilitation and Human Performance
- Renal MSH – ISMMS



Advancing Women in Leadership Roles at Icahn Mount Sinai For the Office of Gender Equity in Science and Medicine

Program Support

- Doris Duke Charitable Foundation—Additional funding for the COVID-19 Fund to Retain Clinical Scientists collaborative
- Mid-Career Scholars Program—Additional funding to assist associate professors advance to full professor and leadership positions
- Activity Expansion
- Conducted workshops to reduce microaggressions in the workplace throughout Mount Sinai Health System



Carol R. Horowitz, MD, MPH
Dean



Toni A. Stern, MD, MBA
Senior Associate Dean



Amy S. Kelley, MD, MSHS
Senior Associate Dean



Jenny Lin, MD
Director of Strategic Initiatives

If you notice a microaggression, against a peer or patient, you can take



Ask

clarifying questions.



Curiosity

can encourage conversation.



Tell

what you observed, specifically and using details.



Impact

discuss potential impact.



Own

your own thoughts.



Next

steps.

Just Desserts

Join us for a monthly program, in which a senior woman scientist or physician shares candidly how she juggles her research career and the rest of life.



Wednesday, April 6 at 4pm featuring **Pamela Abner, MPA, CPXP**, Vice President & Chief Diversity Operations Officer- Mount Sinai Hospital Group

Wednesday, May 4 at 4pm featuring **Eimear Kenny, PhD**, Director of the Institute for Genomic Health, Professor of General Internal Medicine, Genetics and Genomic Sciences

Wednesday, June 1 at 4pm featuring **Cardinale Smith, MD, PhD**, Associate Professor of Medicine, Hematology and Medical Oncology, Geniatrics and Palliative Medicine

Looking for students, trainees, staff and faculty at the Icahn School of Medicine at Mount Sinai with ideas to address gender equity. **Join Us!**

Building Gender Equity Together

Center for Stress, Resilience, and Personal Growth (CSRPG)

Resilience and behavioral health resource for all Mount Sinai Health System faculty, staff, and trainees:

- CSRPG faculty are co-investigators on federally-funded grants that aim to support hospital unit staff (HRSA) and researchers (NIH/NCATS).
- Resilience-building workshops are ongoing, including tailored programming with residents and fellows, and hospital support staff.
- Wellness Hub app is available on Sinai Central.
- **Immediately accessible, in-network** and **confidential** behavioral health care. Over 5,000 treatment visits completed in 2022.



Deborah B. Marin, MD
Director, Center for Stress,
Resilience and Personal Growth



Jonathan M. DePierro, PhD
Clinical Director, Center for Stress,
Resilience and Personal Growth

“We Take Care of Our Own” Office of Well-Being and Resilience

Health Resources and Services Administration Grant

- Awarded a three-year, \$2.1 million Health Workforce Resiliency grant to support efforts to reduce burnout, enhance resilience, and promote mental health among our staff, faculty, students, residents, and fellows

Survey Activity

- Faculty Survey 2022: Completed in September (~42% RR >1500 respondents)
- Analysis underway

Well-Being Champion Infrastructure Growth and Development

- 30+ faculty well-being champions for 23 departments, yielding 17 departmental plans to address well-being

Faculty

- Faculty Well-Being Champions:

Residents and Fellows

- GME Well-being Survey (68% Response Rate) and expanded/enhanced Well-Being Champions

Medical and Graduate Students, Postdocs

- “PEERS (Practice, Enhancement, Engagement, Resilience and Support
- >100 students engaged in longitudinal research to assess well-being
- PEERS elective launched

Medical Education: Attracting a Diverse Group of the Best and the Brightest Students

	MD/MD-PhD Matriculate 2022	FlexMed Matriculate 2024
Number of Matriculating Students	120	40
Self-Identifying as Woman	64 (53%)	18 (45%)
Underrepresented in Medicine/Science	37% (31%)	13 (33%)
Number of Undergraduate Students	55	22
Median MCAT	517	N/A
Median GPA	3.87	3.97



- **Class of 2022 Students Matched** to 25 specialties—many in the most competitive programs in the nation
- **52 Students Entered Residency** within Mount Sinai Health System

- **New Curriculum:** Creation of a two-week immersion and acclimation course—Base Camp—to launch the curriculum
- **Emphasis on Mentoring:** 42 departments in 20 disciplines mentoring a Scholarly Year Student

Graduate School of Biomedical Sciences: Attracting a Diverse Group of the Best and the Brightest Students

PhD Students Matriculating Classes of 2022	
Size of Class	61
Women	64%
Underrepresented in Science	21%
Median Undergraduate GPA	3.75
Countries of Origin	18

Masters Students Matriculating Fall of 2022	
Size of Class	372
Women	70%
Underrepresented in Science	22%

Recruited the largest PhD class in Biomedical Sciences and Neuroscience in the history of the Icahn School of Medicine at Mount Sinai



Student Initiatives

Racism and Bias Initiative x Center for Anti-Racism in Practice

- 11 fellows working on various projects to promote anti-racist, community-centered initiatives

Diversity Innovation Hub

- Community-driven incubator tackling social determinants of health disparities
- Pipeline, partnership, and fellowship programs aimed to increase capacity of URiSM and women entrepreneurs

Students for Equal Opportunity in Science (SEOS)

- Graduate student organization promoting diversity in science
- Activities include faculty mentoring for students, networking opportunities among Icahn Mount Sinai students and other underrepresented students across New York City, and community service to promote interest in science among high school and college students

THAW – Trainee Health and Wellness Committee

- Provide resources to address the wellness needs of graduate students and postdocs
- Initiatives include peer mentorship, resilience training, and access to mental health care

Notable Student-Authored Research:

- ***Oncoscience***: Determined relationship between meningioma mutations and oncologic outcomes using a targeted next-generation sequencing panel
- ***Science Translational Medicine***: Demonstrated that SARS-CoV-2 infection is associated with long-term systemic perturbations after recovery
- ***AMA Journal of Ethics***: Developed curriculum to sensitize medical students to segregated care
- ***Journal of General Internal Medicine***: Identified patterns of health care utilization and spending among homebound older adults

A Leader in Graduate Medical Education

Our graduate medical education program remains the largest in the United States

2,649 residents and clinical fellows in **250** GME programs

Program name	No. of Programs in the US	2022 Rank
Dermatology	143	7
Phys Med/Rehab	100	8
Radiology Nuclear Medicine	37	10
Psychiatry	294	12
Obstetrics-Gynecology	298	13
Radiology Diagnostic	197	13
Otolaryngology	129	15
Emergency Medicine	279	15
Neurology	174	16

Program name	No. of Programs in the US	2022 Rank
Internal Medicine	599	18
Anesthesiology	166	21
Radiology Diagnostic	197	22
Ophthalmology	125	23
Surgery	352	26
Neurological Surgery	117	27
Psychiatry	294	27
Internal Medicine/Pediatrics	159	29

2022	Female	URM %
ISMMS Programs	52%	16%
National Average	42%	11%

Making Icahn Mount Sinai a More Equitable and Anti-Racist Institution: Road Map for Action



**We Stand in Solidarity Against Racism.
And We Are Committed to Equity in Health Care.**

Advanced the Collective Impact Model

Developed Anti-Racism Learning for Leaders

Strategy

Unify and integrate clinical practices

- Health System ambulatory practices, including cancer and cardiac care services and the transplant program, beginning to unify and ensure equitable access and treatment for all patients regardless of insurance status

Strategy

Forge new and leverage existing partnerships and networks within Mount Sinai to accelerate anti-racism and equity efforts

- Recommendations proposed by Committee to Address Anti-Asian Bias and Racism integrated with Road Map strategies

Strategy

Promote equity in mentorship

- Advanced the Black Executive Acceleration Program, a pilot aimed at supporting Black staff at the director and senior director level who are interested in advancing their careers.
- The Road Map Team and the Mentoring Steering Committee have catalogued all the Health System's mentorship programs to ensure that they have a solid foundation in equity

Strategy

Build connection and community within the Health System to adopt a racial equity culture

- The Chats for Change program expanded nationally on a monthly basis
- New policy to support employees who experience racist behavior from patients

Strategy

Increase recruitment, hiring, and retention of Black and other underrepresented minority staff and faculty at all levels of leadership

- Updating all Health System job descriptions and HR policies with an anti-racist and equity lens

Strategy

Enhance leadership learning, capacity, knowledge, engagement, and accountability, enabling all leaders to participate in anti-racism efforts, and provide anti-racism education and resources throughout the Health System

- Reviewing current models of leadership and developing a new leadership model framework that includes anti-racism for all leaders
- Road Map strategy leaders developed detailed Learning and Implementation of Journey plans
- Road Map site leaders met for anti-racism learning enrichment session.

Office of Diversity, Equity and Inclusion

Mount Sinai was nationally recognized by the AHA Institute for Diversity and Health Equity as the winner of the 2022 Carolyn Boone Lewis Equity of Care Award, noting the Road Map for Action and work in the community to address inequities; award received in July 2022



Two Mount Sinai Diversity Councils and two Health System Employee Resource Groups won national leadership awards in September 2022 for their work in DEI:

- MS Downtown—Top 10 Diversity Action Award (Ranked No. 1)
- MS Heart—Top 10 Enterprise ERG Award (Ranked No. 2)
- Heritage of Latinx Alliance (HOLA) ERG and Asian Resource Network (ARN) ERG—Top 25 ERG Award (Ranked Nos. 16 and 22, respectively)



Mount Sinai was nationally recognized by DiversityInc on their 2022 “Top Hospitals and Health Systems” List for efforts in diversity management, ranking No. 5 out of 16.



Institute for Health Equity Research: Reducing Health Disparities and Supporting Health Equity

The Mount Sinai-Royalty Pharma Alliance for Health Equity Research

- \$20 million from Royalty Pharma to support ongoing efforts to close the health care disparity gap

Studying the impact of segregated health care on processes and outcomes of care

- NIH grant
- Measuring outcomes change due to Mount Sinai’s efforts to unify practices.

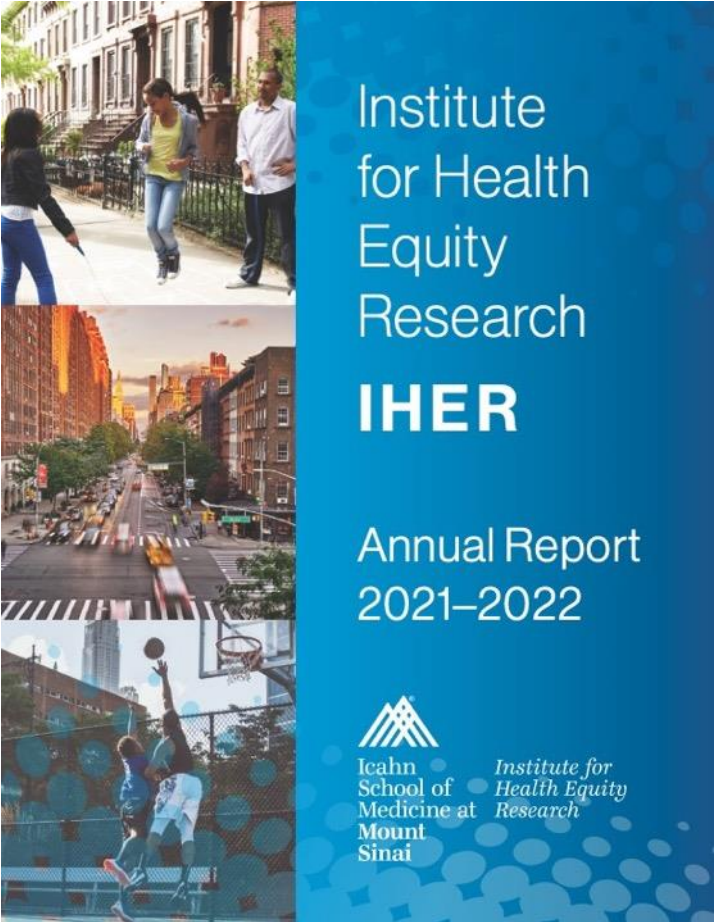
Dr. Horowitz leading the Health Equity and Community Engagement Steering Committee of NIH’s \$1.5 billion program to understand and address sequelae of COVID-19.



Carol R. Horowitz, MD, MPH
Director



Lynne Richardson, MD
Co-Director



Center for Advancement of Asian Equity and Professional Development

- **Established to address disparities** that lead to underrepresentation of Asians in leadership roles in medicine
- **Based on recommendations** by the Committee to Address Anti-Asian Bias and Racism
 - Amanda J. Rhee, MD, MS, Director
- **Four areas of focus:**
 - Professional Advancement
 - Education
 - Research
 - Safety
- **Partners and collaborators include:**
 - The Asian Pacific Medical Students Association
 - The Asian Resource Network
 - The South Asian Medical Students' Association

Accelerating Innovation and Entrepreneurship: Mount Sinai Innovation Partners (MSIP)

830

Faculty
Engagements

60

Licenses
and Options

287

Research
Contracts

(Providing \$34.7M in funding)

160

Technology
Disclosures

370

New Patent
Applications

(Includes filed provisional, PCT, US,
European, and other foreign national
phase applications and filings)

1,101

Material Transfer
Agreements

356

Confidentiality
Disclosures

i3 Prism

Launched an early-stage
funding opportunity for female
and Black, Indigenous and
people of color (BIPOC)
health care innovators at
Mount Sinai

Notable Commercial Achievements



- Launched a clinical-stage vaccine research and development company for the commercial development of the Newcastle disease virus (NDV) vaccine platform technology.



- Executed option and joint development agreements to advance compounds for the potential treatment of cancer.



- Executed a license agreement and an extensive collaboration to create a new company focused on new cancer therapies.



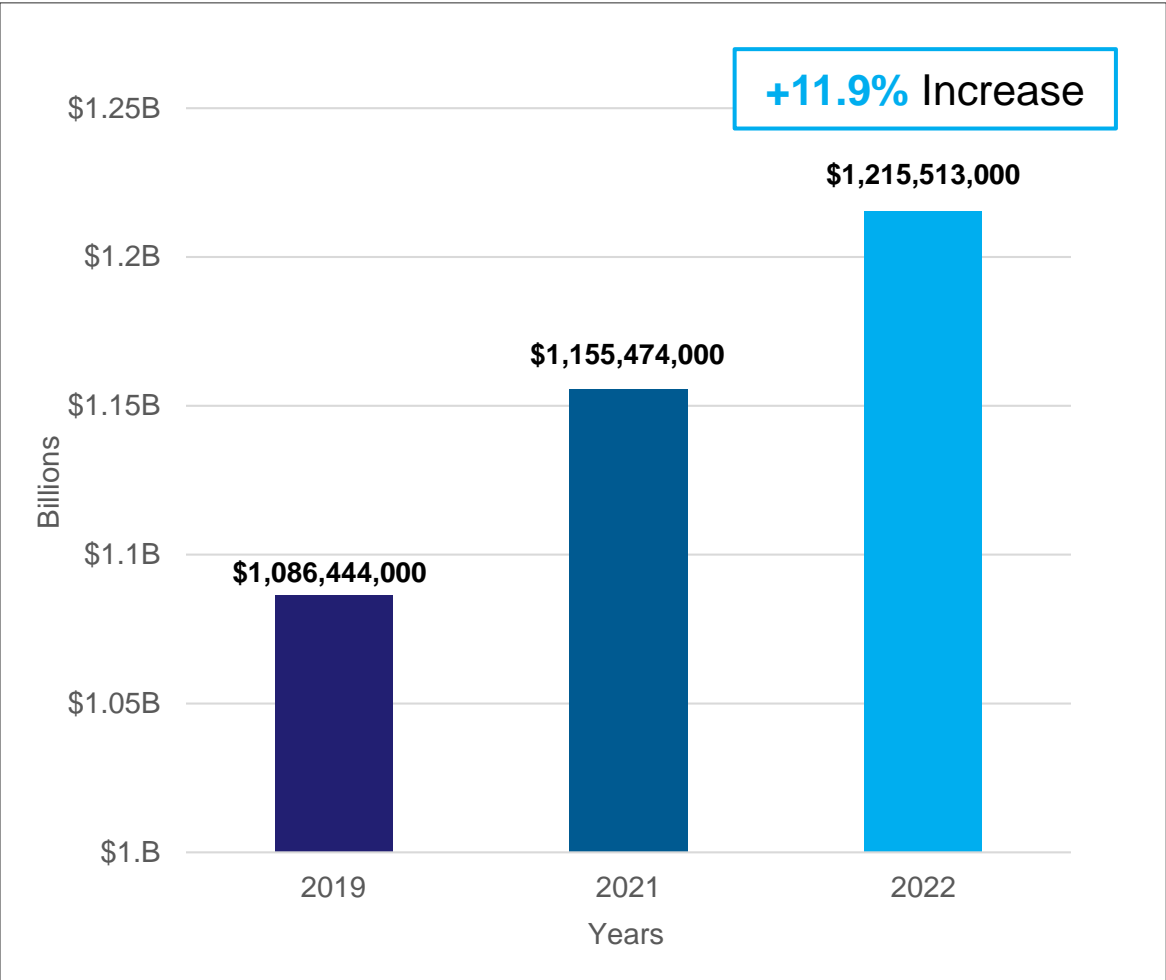
- Executed a license agreement to advance potential therapeutics for the treatment of kidney and fibrotic diseases.

Tangible Properties

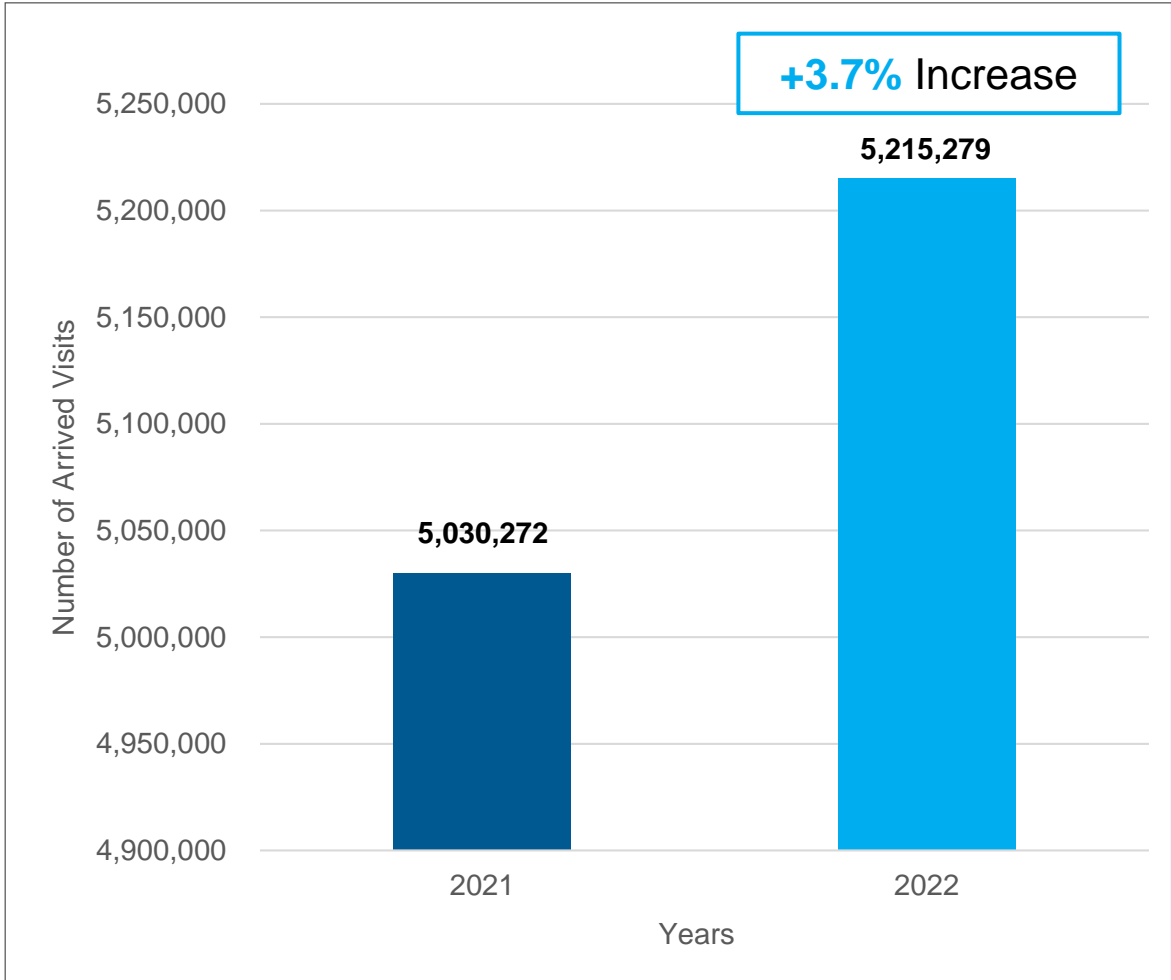
- Executed 11 research tool licenses in various fields of use for further advancement.

Mount Sinai Doctors Faculty Practice: Highlights

Patient Receipt Growth



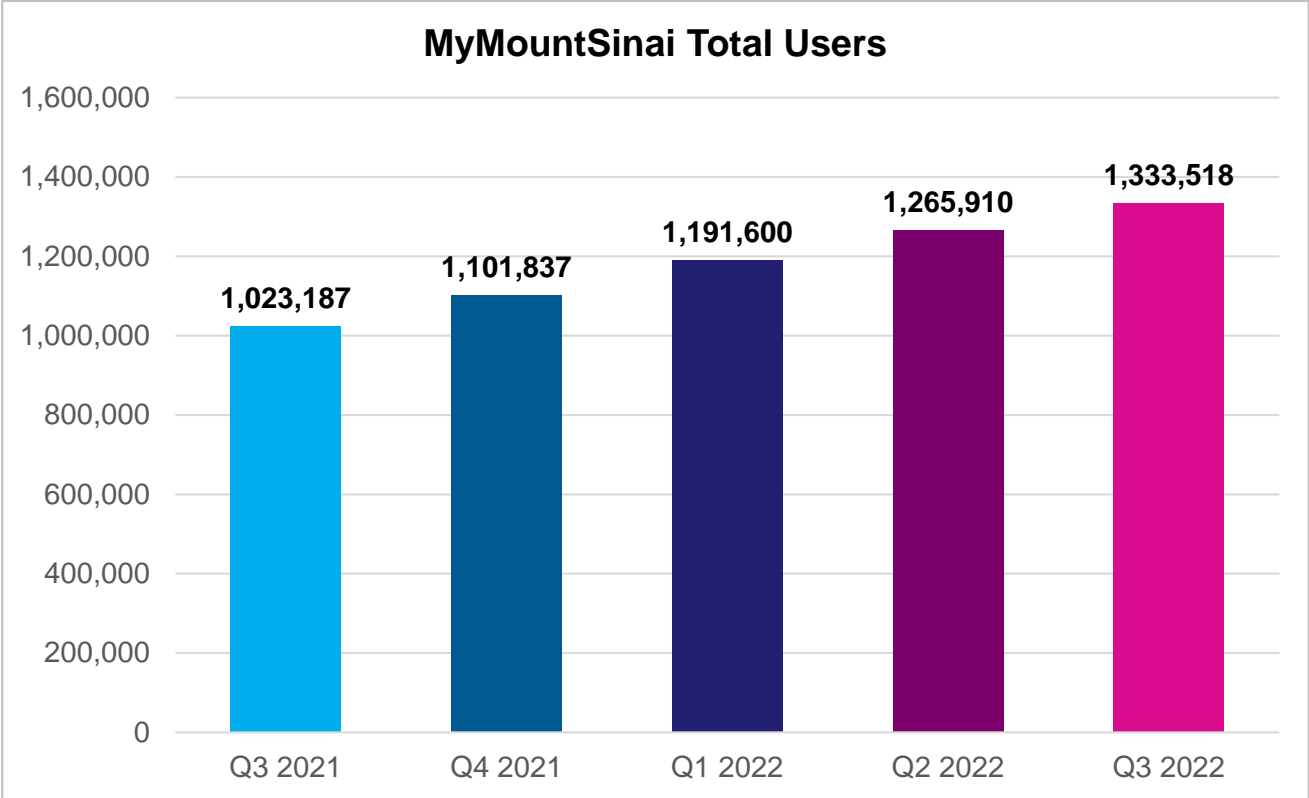
Ambulatory Volume



Mount Sinai Doctors Faculty Practice: Highlights

MyMountSinai

- **1.3M** active users (**30% increase** year over year)
- **25K** activations per month



Central Billing Office Accomplishments

- Record charges and cash collection YTD
 - Current YTD 2022 Charges \$3B (3.5% Increase over 2021)
 - Current YTD 2022 Case Collections \$695M (10.2% increase over 2021)

Digital Bookings

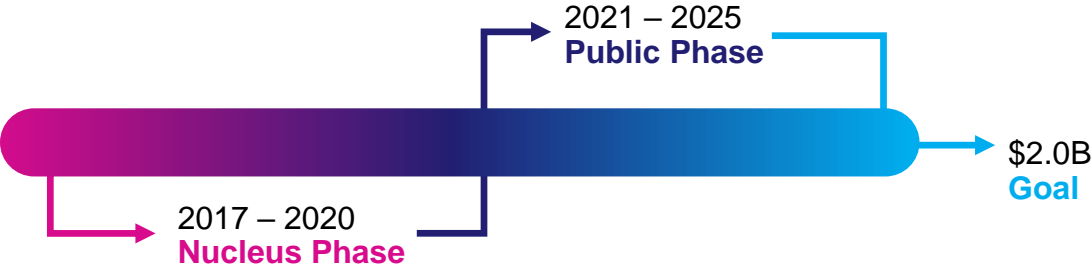
- 16% of all appointments are booked digitally, up from 4% in 2019

Institutional Advancement: MSHS “Limitless” Capital Campaign Public Phase

Press Release

Mount Sinai Health System Launches Bold \$2 Billion Capital Campaign

“Limitless” Campaign has raised \$1 billion ahead of schedule for critical clinicals and research institutes in the wake of pandemic



- **\$20M** from Royalty Pharma to establish the Mount Sinai-Royalty Pharma Alliance for Health Equity Research
- **\$22M** from James and Marilyn Simons and the Simons Foundation to support lung cancer research the Tisch Cancer Center
- **\$12.5M** from MSHS Trustee Eric and Stacey Mindich to advance children’s health research

First Comprehensive Capital Campaign for Health System

\$2.0B
2017 – 2025

Raised to Date (as of 12/31/22)

\$1.57B
(79% of goal)

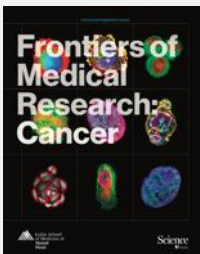
Raised in 2022

\$213.3M

Showcasing the School's Reputation for Research and Academic Excellence

Science
JOURNALS | AAAS

- Print and digital copies sent to all subscribers



nature

- “Mount Sinai Million”
- October, 2022
- 3-page insert



The NEW ENGLAND
JOURNAL of MEDICINE

- Advertorial campaign
- Five monthly issues
- Cancer focus



JAMA

- Advertorial campaign
- Six monthly inserts
- Prime placement



HealthAffairs

- Five editorials throughout 2023
- 580,000 monthly readers
- Website banner ads

What Are Researchers and Clinicians Working on to Improve Cancer Care?

>> For information and to register for this free program, please [click here](#)



What's on the Horizon: Education and Training

Medical Education



David Muller, MD
Dean, Medical Education

Completion of curricular redesign for launch in 2024

Expanding research opportunities for our students

Continuing national leadership role in addressing racism and bias

Investing in academic and career support resources

Graduate Education



Marta Filizola, PhD
Dean, Graduate School of Biomedical Sciences

Recruit top-tier faculty to develop new programs and expand graduate offerings

Build on partnerships with technical institutions to expand our training in AI

Assess the curriculum to ensure alignment with career success

Expand diversity and inclusion initiatives

Residency Program



Michael Leitman, MD, FACS
Dean, Graduate Medical Education and DIO

Three new fellowship programs under development:

- Healthcare Administration Leadership and Management
- Neurocritical Care
- Medical Microbiology

What's on the Horizon: Research



Eric Nestler, MD, PhD

Dean for Academic Affairs
Chief Scientific Officer

- **The Mount Sinai Million Health Discovery Program:** Sequence a million Mount Sinai patients' genomes in five years with the goal of translating genomic sequences into routine clinical care.
- **AI/Machine Learning:** Placing all of Mount Sinai's clinical data into one portal—the Mount Sinai Data Warehouse—which will include all EHR information, brain/body scans and images, genomic information, and more, allowing unprecedented ability to mine these data for clinical insights
- **Clinical Trials:** Aiming to triple the number of clinical trials we undertake at Mount Sinai over the next 2-3 years across departments and specialties
- **Pioneer the next generation of RNA and DNA therapies**
 - New nanoparticle formulations to deliver RNAs and CRISPRs to specific organs to treat disease
 - Using RNA analogs and drug cocktails to create a cancer vaccine from a patient's tumors
- **Developing specially modified cells** that can turn on the immune system against tumors

What's on the Horizon: Ambulatory Practice



Kelly Cassano, DO

Chief Executive Officer, Mount Sinai Doctors
Faculty Practice
Dean for Clinical Affairs
Senior Vice President for Ambulatory
Operations,
Mount Sinai Health System

- **Advance ease of our digital tools** and virtual care platforms while continuing to enhance our onsite experience.
- **Enhance operational efficiencies** to better optimize resources and improve staff and patient experience.
- **Further develop innovative approaches to growth including**
 - External partnerships
 - Direct to employer opportunities
 - New market disruptors to further increase MSHS presence in the community

Expanding Our Presence in Neighborhoods Where Our Patients Live and Work



158 West 124th Street



2875 Broadway



432 West 58th Street



373 Park Avenue



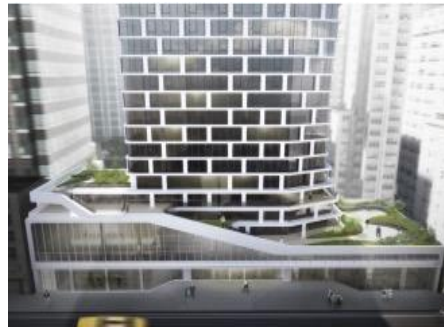
104 Delancey Street



**55 East 34th Street
(Expansion)**



632 Broadway



242 West 53rd Street



55 Wythe Avenue

Growth Needs New Space



787 Eleventh Avenue

Opening Summer 2023

- Clinical, ASC, and Research Wet Labs
- Misc. Departments



3 East 101st Street

Opening Fall 2023

- Admin, Dry Lab/Computational space
- Rehab, ED, BMEII, AI, and Genetics

45 Rivington Street

- Opening February 2023
- Inpatient and Outpatient Psychiatry
- Behavioral Health

2875 Broadway

- Opening Fall 2023
- Clinical and Clinical Research
- Misc. Departments, Psychiatry

230 Second Avenue

- Opening Winter 2023
- Administration
- NYEE

1115 Broadway

- Opening Winter 2023
- Clinical and Einhorn Lab
- NYEE

380 Second Avenue

- Opening Winter 2023
- Clinical and Buxton Lab
- NYEE

525 West 57th Street

- Opening Winter 2023
- Clinical/Clinical Research, Wet Labs
- Neuroscience, Neurology, DermPath