



**Commencement Ceremony**

**Yale School of Medicine**

**19 May 2025**



## **COMMENCEMENT PROGRAM**

Monday, May 19, 2025

Amistad Park

Invocation	Brian Amu Fleischer
Class of 2025 Musical Piece	Bach, Cello Suite No. 3 in C Major, Prelude Performed by Harry Doernberg
Welcome & Reflections	Nancy J. Brown, MD Jean and David W. Wallace Dean of the School of Medicine
Presentation of Faculty Awards	Nancy J. Brown, MD Jean and David W. Wallace Dean of the School of Medicine

The Charles W. Bohmfalk Prizes

Leonard Tow Humanism in Medicine Award Presented by  
The Arnold P. Gold Foundation

The Leah M. Lowenstein Award

The Alvan R. Feinstein Award

The Francis Gilman Blake Award and The Betsy Winters  
House Staff Award

Presented by 2025 Class Presidents Adrian R. Acuna Higaki  
and Alicia Patricia Stephan

Class of 2025 Gift	2025 Class Presidents Adrian R. Acuna Higaki and Alicia Patricia Stephan
Introduction of Guest Speaker	Nancy J. Brown, MD Jean and David W. Wallace Dean of the School of Medicine

Commencement Address	Alfredo Quiñones-Hinojosa, MD James C. and Sarah K. Kennedy Dean of Research at Mayo Clinic in Florida
Presentation of Degrees	Nancy J. Brown, MD Jean and David W. Wallace Dean of the School of Medicine  Jessica Illuzzi, MD Deputy Dean for Education  Sarwat Chaudhry, MD Associate Dean for Student Research  Barbara Kazmierczak, PhD, MD Director, MD-PhD Program  Terri Tolson Registrar
2025 Yale Physician's Oath Followed by a Moment of Silence	John Francis, MD, PhD Associate Dean for Student Affairs
Closing	Nancy J. Brown, MD Jean and David W. Wallace Dean of the School of Medicine

**Reception immediately following in the Harkness Courtyard and  
E.S. Harkness Lounge, 367 Cedar Street**

Faculty Marshals

John Francis, MD, PhD  
Associate Dean for Student Affairs

Jessica Illuzzi, MD  
Deputy Dean for Education

Banner Bearer

Hang P. Nguyen

Student Marshals

Adrian R. Acuna Higaki  
Sam Boroumand  
(MHS Health Sciences)  
Brian Amu Fleischer  
(Certificate in Global Medicine)  
Alicia Patricia Stephan

Commencement Piper

Glenn H. Pryor

- ❖ Student awards will not be announced. Instead, the Class of 2025 wishes to honor each other for their mutual achievement of becoming physicians. Please refer to the recipients listed in this commencement booklet.

*Graduates receiving awards are asked to collect them in Café Med following the ceremony.*

## **AWARDS FOR FACULTY AND HOUSE STAFF**

**The Charles W. Bohmfalk Prizes.** Established in 1989 under the terms of the Alice Bohmfalk Charitable Trust. Prestigious teaching prizes will be awarded annually to individuals who have made outstanding contributions to the teaching program, one in the basic sciences and one in the clinical sciences, as judged by the faculty and students.

**Basic Science: Meenakshi Alreja, PhD**

**Clinical Science: Stephen Holt, MD, MS**

**The Leonard Tow Humanism in Medicine Award Presented by the Arnold P. Gold Foundation.** Established in 1998 to honor the faculty member who demonstrates the highest standard of compassion and sensitivity in his or her interactions with patients.

**Oluwatosin Adeyemo, MD, MPH**

**The Leah M. Lowenstein Award.** Presented annually by the Office for Women in Medicine to a faculty member who is the model of a medical educator whose humane teaching reaches and influences all students regardless of gender, race or socioeconomic background. These are the traits espoused by the late Leah Lowenstein, a medical educator and first female Dean of a co-educational medical school.

**Sabrina Nunez, PhD**

**The Alvan R. Feinstein Award.** Presented to a Yale School of Medicine faculty member chosen as the outstanding teacher of the year of clinical skills by a committee of chairs of the clinical departments, associate chairs and students.

**Samuel Buck, MD**

**The Francis Gilman Blake Award.** Established in 1952 by Nu Sigma Nu. Endowed by Dr. Robert C. Kirk, B.S. Yale 1930s, as a memorial to his twin brother, Dr. Gilman Kirk, B.S. Yale 1930s. Awarded annually to that member of the faculty of the School of Medicine designated by the senior class as the most outstanding teacher of the medical sciences.

**John Guzzi, MD**

**The Betsy Winters House Staff Award.** Presented annually to the member of the House Staff of the Yale-New Haven Medical Center, designated by the graduating class, who has made the most significant contribution to the education of medical students.

**Richard Maduka, MD and Ally Yang, MD**

## **STUDENT HONORS AND PRIZES**

**The Parker Prize.** Established in 1914 by bequest from Frank J. Parker, Ph.D. 1895, M.D., 1898. Awarded annually to the graduating student who, during the course, has shown the best qualifications for a successful physician.

**Adrian R. Acuna Higaki, Astrid C. Hengartner, Jacqueline Ihnat, and Sarah Graham Wilkins**

**Norma Bailey Berniker Prize.** Established in 1970 by bequest of John H. Bailey, B.A. 1900, M.D., 1903. To be awarded to that member of the graduating class who gives promise of best exemplifying the disciplines and precepts of the Oath of Hippocrates and Maimonides Prayer.

**August A. Allocco, Kathryn Callahan, Harry Doernberg, Molly Doernberg, Madeline Lilly Ehrenberg, Brian Amu Fleischer, Cameron Joseph Hunter, Morgan Harry Kane, Siddhi Nadkarni, and Julia Schaffer**

**Miriam Kathleen Dasey Award.** Established in 1950 in honor of Miriam Kathleen Dasey, Registrar from 1920 to 1950. This award is to be presented annually to students who by strength of character, personal integrity, and academic achievement, give promise of fulfilling the ideal of the compassionate physician.

**Lina Elmansy, Jacob Howard, Shashwat Kala, Valentyna Kostiuk, Forest Seely Mahoney, Darius Mostaghimi, Nancy Park, Nishita Pondugula, CJ Puzo, and Grace Wang**

**The Perkins Prize.** Awarded to a graduating student who achieves an outstanding performance on Step II of the National Board Medical Examination.

**Morgan Harry Kane**



**The Campbell Prize.** Founded in 1900 by bequest from James Campbell, honorary M.A., 1891, Professor of Obstetrics and Gynecology from 1886 to 1899. Awarded to a graduating student who achieves an outstanding performance on Step II of the National Board Medical Examination.

**Amy Yue-Ting Zhao**

**The Dean's Prize for Community Service.** This annual award recognizes the graduating student who, by leadership and service, has made major contributions to the School of Medicine, to the New Haven community, or to the community at large.

**Anishaa Sivakumar**

**The Leonard Tow Humanism in Medicine Award Supported by The Arnold P. Gold Foundation.** Established to honor a graduating student who demonstrates the highest standard of compassion and sensitivity in their interaction with patients.

**Darius Mostaghimi**

**The Cortlandt Van Rensselaer Creed Award.** Established in 1999 in honor of Cortlandt Van Rensselaer Creed, the first African-American graduate of Yale School of Medicine in 1857. Awarded to a graduating underrepresented, minority student in medicine and public health who has demonstrated outstanding academic achievement, exemplary leadership, and a significant commitment to the community at large.

**Amber Acquaye, Darius Mostaghimi, and Hang P. Nguyen**

**ACP Internal Medicine Award.** Awarded to a graduating student who will be entering a categorical or primary care internal medicine residency in Connecticut and has demonstrated outstanding academic achievement and community service.

**Brian Amu Fleischer**

**New England Pediatric Society Prize.** Awarded to that member of the graduating class entering pediatrics who in the opinion of peers and faculty best exemplifies those qualities one looks for in a pediatrician. "A competent, caring, good humored person who I would want to take care of my children."

**Lina Elmansy**

**The John M. Leventhal Award** is given annually to a Yale medical student who advances child health through advocacy, research, and exemplary clinical care, demonstrating the highest level of responsibility and commitment to the care of patients and their families.

**Darius Mostaghimi**

**American Academy of Neurology Award.** Awarded to recognize a graduating medical student for excellence in clinical neurology.

**Phoebe Chen**

**Connecticut Chapter of American College of Surgeons Prize.** Awarded to a graduating student for excellence in surgical sciences.

**Valentyna Kostiuk**

**The Society for Academic Emergency Medicine Award.** Awarded to the student who has demonstrated excellence in the specialty of emergency medicine.

**Justin Goodwin**

**Mila Rainof Award.** The Mila Rainof Award will be given each year to a graduating medical student entering the field of Emergency Medicine who, like Mila, has contagious enthusiasm for caring for patients, while bringing attention, kindness and compassion to each interaction.

**Chaney Christine Kalinich**

**American College of Obstetricians and Gynecologists' James F.X. Egan Prize.** Bestowed upon a member of the graduating class who has demonstrated the best potential to emulate Dr. Egan's outstanding clinical and academic skills upon entering the field of Obstetrics and Gynecology.

**Nishita Pondugula**

**The C. Winternitz Prize in Pathology.** Established in 1950 in honor of Milton Charles Winternitz, honorary M.A. 1917, Professor of Pathology and Bacteriology 1917 to 1925, Anthony N. Brady Professor of Pathology 1925 to 1950. Awarded to the student who, in the opinion of the staff of the Department of Pathology, has done outstanding work in the course.

**Oscar Norberto Perales**

**The MD-PhD Award.** This prize is awarded to an outstanding member of the graduating MD-PhD class who has shown excellence in both research and clinical activities.

**Justin Goodwin and Amy Yue-Ting Zhao**

**The MD-PhD Alumni Award.** This prize is awarded to a graduating MD-PhD student who has demonstrated outstanding academic achievements, leadership, and service.

**Emmanuella Asabor, Casey Nathaniel Grun and Justin Johnson**

## **THESIS PRIZES**

**The MD Thesis Prizes are supported by the following endowed funds in recognition of outstanding student thesis research:**

Established in 1880 by bequest from Mary M. Keese in memory of her son, Hobart Kesse, M.D. 1855 and awarded annually to recognize outstanding student thesis research.

Established in 1934 and endowed in 1937 by anonymous donors in honor of Harry Burr Ferris, 1987, M.D. 1890 to recognize outstanding thesis research at graduation.

Founded in 1973 by bequest from Louis H. Nahum, M.D. 1916. Awarded annually to recognize excellence of the student thesis written as required for the medical degree.

Established in 2010, in memory of Dr. Abraham White, who served as a distinguished teacher and scholar of Physiological Chemistry at Yale from 1931 – 1948, awarded annually to recognize outstanding student thesis research.

### **MD Thesis Prize in Basic Science**

Tanner Scott Metcalfe

### **MD Thesis Prize in Clinical Research**

James W. Antonios  
Ishan Ayyalasomayajula  
Bryan Bollinger  
Sam Boroumand  
Madeline Lilly Ehrenberg  
Stephen Michael Gillinov  
Anita M. Jegarl

Rachel Levinson  
Eric Shine Li  
Max Moss  
Cindy Khanh Nguyen  
Sarah Graham Wilkins  
Cory Wu

### **MD Thesis Prize in Genomics**

Patrick Demkowicz  
Chaney Christine Kalinich

Morgan Harry Kane

### **MD Thesis Prize in Global Health**

Brian Amu Fleischer

Rebecca Marks

### **MD Thesis Prize in Health Equity**

Elliott Kim Vanderford

### **MD Thesis Prize in Health Services Research**

Phoebe Chen  
Mona Clappier  
Harry Doernberg  
Cameron Joseph Hunter

Nicole Odzer  
Anishaa Sivakumar  
Alicia Patricia Stephan

### **MD Thesis Prize in Informatics Research**

Thomas T. Huang  
Ryan Lee

Niroop Rajashekar

### **MD Thesis Prize in Medical Education**

Hale Jaeger

### **MD Thesis Prize in Translational Research**

Lina Elmansy  
Alexander Kammien  
Darius Mostaghimi

Madisen Alicia Swallow  
Daniel Thompson

**The MD-PhD Thesis Prize**

Danielle F. Miyagishima

**The Selma and Karl Folkers Prize in Biomedical Research**

Taylor Nicholas Takasugi

## **JOINT AND DUAL DEGREES, CERTIFICATES AND CONCENTRATIONS**

### **Students Receiving the MD and PhD Degrees**

Emmanuella Asabor	Dan-Dan Li
Andrew Daniels	Anna Lynn
Justin Goodwin	Danielle F. Miyagishima
Casey Nathaniel Grun	Taylor Nicholas Takasugi
Justin Johnson	Sangwon Yun
Laurel Kaye	Amy Yue-Ting Zhao
Valentyna Kostiuk	

### **Students Receiving the MD and MHS Degrees**

Sam Boroumand	Anita M. Jegarl
Michael Gouzoulis	Rachel Levinson
Thomas T. Huang	Darius Mostaghimi

### **Students Receiving the MD and MBA Degrees**

Anishaa Sivakumar	Daniel Thompson
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### **Student Receiving the MD and MPH Degrees**

Teimur Kayani

### **Student Receiving the MD and MS Degrees**

Nishita Pondugula

### **Student Receiving the MD and Certificate in Global Medicine**

Brian Amu Fleischer

### **Students Receiving the MD with a Concentration in Medical Education**

Amber Acquaye	Rachel Levinson
Hale Jaeger	Darius Mostaghimi
Haleigh Tianna Larson	Madisen Alicia Swallow

## DOCTOR OF MEDICINE 2025

### **Amber Acquaye**

BS, Vanderbilt University

*Beyond Vulnerability: Climate Change and the Moral Authority of Youth*

**Psychiatry.** Brigham & Women's Hospital, Boston, MA

### **Adrian R. Acuna Higaki**

BS, University of Florida; MS, Universitat Pompeu Fabra

*Evaluation of Genetic Testing for Thoracic Aortic Disease*

**Thoracic Surgery (Integrated).** Keck School of Medicine of USC, Los Angeles, CA

### **August A. Allocco**

BS, Yale University

*Open-Label Exposure to Hypoxia Enhances Subsequent Hypoxia Recognition in Divers*

**Anesthesiology.** Yale-New Haven Medical Center Program, New Haven, CT

### **James W. Antonios**

BS, University of California-Los Angeles

*Immediate Surgery for Acute Type A Aortic Dissection? Gleanings from a Specialized Aortic Center*

**Thoracic Surgery (Integrated).** University of Florida College of Medicine-Shands Hospital, Gainesville, FL

### **Emmanuella Asabor**

BA, Harvard University; MPhil, University of Cambridge; PhD, Yale University

*Segregation and the Infectious Disease Illness Experience: The Cases of HIV and COVID-19 in South Africa and the United States*

**Transitional.** Memorial Sloan-Kettering Cancer Center, New York, NY

**Dermatology.** Mass General Brigham, Boston, MA



**Ishan Ayyalasomayajula**

BS, University of California-Los Angeles

*Effect of Constraining Underdiluted Transjugular Intrahepatic  
Portosystemic Shunts*

**Internal Medicine.** Cedars-Sinai Medical Center, Los Angeles, CA

**Bryan Bollinger**

BA, Dartmouth College

*The Presence of Mood and/or Anxiety Disorders Does Not  
Affect Success of Weight Management Therapies in Metabolic  
Dysfunction- Associated Steatotic Liver Disease*

**Psychiatry.** Cambridge Health Alliance Program, Cambridge, MA

**Sam Boroumand**

BS, University of Wisconsin-Madison; MHS, Yale University

*Quantitative Assessment of Facial Ptosis in Face Transplantation*

**Plastic Surgery (Integrated).** Northwestern University-Feinberg  
School of Medicine, Chicago, IL

**Kathryn Callahan**

BS, University of Notre Dame

*Contraceptive Counseling for Transgender & Gender Diverse  
Patients: Provider Knowledge & Experience*

**Obstetrics and Gynecology.** Brown University/Women & Infants  
Hospital of RI, Providence, RI

**Phoebe Chen**

BA, BS, University of Pennsylvania

*"Men Take Care of Each Other": Evaluation of a Community-Based  
Model for Pre-Exposure Prophylaxis Services Among Male Bar  
Patrons in Rural South Africa*

**Neurology.** University of California (San Francisco) Program,  
San Francisco, CA

**Mona Clappier**

BA, Princeton University

*"A Double-Edged Sword": Influence of the 21st Century Cures Act on the Childhood Cancer Care Experience*

**Internal Medicine.** Icahn School of Medicine at Mount Sinai Hospital, New York, NY

**Robert Cotter**

BS, Florida State University

*Effectiveness of Interventions for Depressive Symptoms After Spinal Cord Injury: A Systematic Review*

**Anesthesiology.** University of Florida College of Medicine-Jacksonville, Jacksonville, FL

**Andrew Daniels**

BA, Johns Hopkins University; PhD, Yale University

*Elucidating the Critical Effectors of Anti-Melanoma Memory to Bolster Novel Treatment Approaches*

**Otolaryngology.** Johns Hopkins Hospital, Baltimore, MD

**Patrick Demkowicz**

BS, Yale University

*Bulk and Single-Nucleus RNA-Sequencing of Pterygium: Characterizing Intra- and Intercellular Mechanisms of Pathogenesis*

**Medicine-Preliminary (Ophthalmology).** Yale-New Haven Medical Center Program, New Haven, CT

**Ophthalmology.** Yale-New Haven Medical Center Program, New Haven, CT

**Harry Doernberg**

BS, BS, MMus, Yale University

*The Food and Drug Administration Amendments Act of 2007: Evaluating the Priority Review Voucher and Drug Safety Programs*

**Internal Medicine-Primary Care.** Brigham & Women's Hospital, Boston, MA

**Molly Doernberg**

BA, Barnard College; MPH, Yale University

*Provider-Patient Alliance and Trauma Among Pregnant Patients with Opioid Use Disorder*

**Psychiatry.** Brigham & Women's Hospital, Boston, MA

**Weilai Dong**

BS, Zhejiang University; PhD, Yale University

*Genomic Analysis of Rare Human Diseases*

**Internal Medicine (Research).** Hospital of the University of Pennsylvania, Philadelphia, PA

**Madeline Lilly Ehrenberg**

BA, Columbia University

*Prevalence, Management, and Outcomes Associated with Obstructive Sleep Apnea in the Medical ICU*

**Internal Medicine.** New York Presbyterian Hospital (Cornell) Program, New York, NY

**Julia Eisen**

BA, Barnard College

*Atrial Myocyte AMPK Deletion Alters Single Nuclear Profiles in Mice*

**Medicine-Preliminary (Ophthalmology).** Yale-New Haven Medical Center Program, New Haven, CT

**Ophthalmology.** Yale-New Haven Medical Center Program, New Haven, CT

**Lina Elmansy**

BS, Yale University

*An Analysis of Differences in Neuromodulator Expression in Mucosal Tissue in Patients with Disorders of the Gut-Brain Interaction*

**Pediatrics.** Children's Hospital of Boston, Boston, MA

**Adelaide Miller Feibel**

BA, Yale University

*Exposure to Parental Depression and Mental Health in Adulthood:  
The Importance of Timing*

**Psychiatry.** Yale-New Haven Medical Center Program, New Haven, CT

**Soraya Fereydooni**

BS, Stanford University

*Multidisciplinary Perspectives on Palliative Care Use in Head and Neck  
Cancer: Patient, Provider, Policy, and Costs*

**Otolaryngology.** Stanford Health Care, Stanford, CA

**Brian Amu Fleischer**

BA, Stanford University; Certificate in Global Medicine,  
Yale University

*Exploring Health Professional Student-Led Interventions to Address  
Gaps in Common Non-Communicable Disease (NCD) Screening,  
Management, and Self-care Education in Ghana*

**Internal Medicine-Primary Care.** Yale-New Haven Medical Center  
Program, New Haven, CT

**Stephen Michael Gillinov**

AB, Harvard University

*The Impact of Chondrolabral Junction Breakdown on Patient-  
Reported Outcomes After Hip Arthroscopy*

**Justin Goodwin**

BS, MS, University of Texas at Dallas; PhD, Yale University

*Malaria Parasite, Host, and Drug Dynamics in the Context of  
Artemether-Lumefantrine Treatment and HIV-Infection*

**Emergency Medicine.** Beth Israel Deaconess Medical Center,  
Boston, MA

**Michael Gouzoulis**

BS, University of Maryland-College Park; MHS, Yale University  
*Emergency Department Utilization Following Supracondylar Humerus Fractures*

**Orthopaedic Surgery (Research).** UMass Chan Medical School, Worcester, MA

**Casey Nathaniel Grun**

BA, Harvard University; PhD, Yale University  
*Phage-Seq: Nanobody Phage Display and High-Throughput Sequencing for Characterizing the Pseudomonas Aeruginosa Cell*

**Internal Medicine (Physician Scientist).** University of Washington  
Affiliated Hospitals, Seattle, WA

**Astrid C. Hengartner**

BS, Yale University  
*Predictors of Adverse Outcomes in Adolescent Idiopathic Scoliosis and the Impact of a Quality Improvement Initiative*

**Neurological Surgery.** Stanford Health Care, Palo Alto, CA

**Jacob Howard**

BS, University of Central Florida  
*Portable Magnetic Resonance Imaging Safety, Comfort, and Compatibility with Mobile Vehicular Platforms*

**Emergency Medicine.** Madigan Army Medical Center, Joint Base Lewis-McChord, WA

**Kevin Gao Hu**

BA, Yale University  
*Trends in Missing Race and Ethnicity Data in a National Surgical Database*

**Plastic Surgery (Integrated).** Yale-New Haven Medical Center Program, New Haven, CT

**Thomas T. Huang**

BS, Tulane University; MHS, Yale University

*The Development of a Novel Large Language Model Method for Identification of Incarceration History Via the Electronic Health Record and Evaluation of Care Processes in the Emergency Department Setting*

**Emergency Medicine.** Johns Hopkins Hospital, Baltimore, MD

**Cameron Joseph Hunter**

BS, University of Notre Dame

*Evidence-Based Optimization of Healthcare Utilization and Supportive Care for Patients with Acute Myeloid Leukemia*

**Internal Medicine.** University of Pittsburgh Medical Center (UPMC), Pittsburgh, PA

**Jacqueline Ihnat**

BS, University of Missouri-Columbia

*Long-Term Neurocognitive and Behavioral Outcomes in Patients with Non-Syndromic Craniosynostosis*

**Plastic Surgery (Integrated).** Johns Hopkins Hospital, Baltimore, MD

**Hale Jaeger**

BS, Yale University

*Tools of the Trained: Impact of a Novel Observation Tool on Feedback Dialogues in Medical Education*

**Pediatrics.** Massachusetts General Hospital, Boston, MA

**Amanda Jankelovits**

BA, University of Pennsylvania

*The Effects of New Onset Medicare Eligibility at Age 65 on Access to Surgical Care at a Large Non-Profit Health System, a Single-Center Regression Discontinuity Analysis*

**Anesthesiology.** New York Presbyterian Hospital (Cornell) Program, New York, NY

**Anita M. Jegarl**

BS, Cornell University; MHS, Yale University

*Superficial Cervical Plexus Block and Quality of Recovery After Thyroidectomy: A Randomized Controlled Trial*

**Anesthesiology.** New York Presbyterian Hospital (Cornell) Program, New York, NY

**Justin Johnson**

BS, PhD, Yale University

*Signaling between Intraepithelial T Cells and Villous Enterocytes in Celiac Disease*

**Pathology (Anatomic/Clinical).** Johns Hopkins Hospital, Baltimore, MD

**Shash Kala**

BA, Dartmouth College

*Maternal Prenatal Anxiety and Child Epigenetic Aging: A Longitudinal Analysis from Childhood to Mid-Adolescence*

**Psychiatry (Child & Adult).** Massachusetts General Hospital, Boston, MA

**Chaney Christine Kalinich**

BS, MPH, Yale University

*Culture-Free Whole Genome Sequencing of Mycobacterium Tuberculosis from Clinical Specimens*

**Emergency Medicine.** Mass General Brigham, Boston, MA

**Alexander Kammien**

BS, University of Arkansas

*Digital Flexor Tendon Repair with Barbed Suture: A Biomechanical Study*

**Plastic Surgery (Integrated).** Yale-New Haven Medical Center Program, New Haven, CT

**Morgan Harry Kane**

BS, Yale University

*Transcriptomic Insights from a Multi-Cohort Analysis of Renal Cell Carcinoma*

**Emergency Medicine.** University of Michigan Health, Ann Arbor, MI

**Teimur Kayani**

BA, Wesleyan University; MPH, Yale University

*Exploring the Journey to Heart Failure Diagnosis in Uganda*

**Internal Medicine.** Icahn School of Medicine at Mount Sinai Hospital, New York, NY

**Laurel Kaye**

BS, Duke University; PhD, University of Oxford

*Exoplanet Characterisation through Transit Timing Variations*

**Emergency Medicine.** Mass General Brigham, Boston, MA

**Charlotte Kim**

BA, Brown University

*Mass SARS-CoV-2 in a State Correctional System During the Pandemic*

**Internal Medicine.** Cedars-Sinai Medical Center, Los Angeles, CA

**Valentyna Kostiuik**

BA, CUNY Hunter College; PhD, Yale University

*Mechanisms of Heart and Major Vessel Development: Nup107 and Cacna1g as Novel Regulators*

**Vascular Surgery (Integrated).** Stanford Health Care, Stanford, CA

**Haleigh Tianna Larson**

BS, Yale University

*Effect of Hormone Exposure and Menopausal Status on Microvascular Dysfunction and Vasospasm*

**Health Policy Advisor.** United Nations Women, New York, NY



**Ryan Lee**

BS, Cornell University

*Machine Learning Approach to Predict Postoperative Pain and Opioid Usage in Elective Primary Posterior Spine Fusion Surgery*

**Transitional.** Garnet Health Medical Center, Middletown, NY

**Anesthesiology.** Yale-New Haven Medical Center Program, New Haven, CT

**Rachel Levinson**

BA, University of Pennsylvania; MHS, Yale University

*Pancreatic Cancer Risk After Chronic Hepatitis C Virus Infection: A National, Population-Based Study*

**Internal Medicine.** Brigham & Women's Hospital, Boston, MA

**Dan-Dan Li**

BA, Harvard University; PhD, Yale University

*Ensuring K-12 School Safety During a Respiratory Viral Pandemic*

**Psychiatry.** Massachusetts General Hospital, Boston, MA

**Eric Shine Li**

BS, Yale University

*Comprehensive Analysis of Rotational Stability in Toric Lenses: Insights from Systematic Reviews and Meta-analyses on Intraocular Lenses Across Surgical Contexts*

**Ophthalmology (Integrated).** Columbia University/Harkness Eye Institute, New York, NY

**Rachel Lutz**

BS, University of Oregon

*Bringing Culinary Medicine Teaching Principles to Children in the New Haven Community: An Interventional Pilot Study*

**Internal Medicine/Pediatrics.** Hospital of the University of Pennsylvania, Philadelphia, PA

**Anna Lynn**

BS, University of Kansas; PhD, Yale University

*Engineering Polymeric Nanoparticles for Targeted in Utero Delivery*

**General Surgery.** Yale-New Haven Medical Center Program,  
New Haven, CT

**Forest Seely Mahoney**

BS, Acadia University

*Investigating the Cooccurrence of Papillary Thyroid Carcinoma  
Among Patients with Oncocytic Pathology: Is There Evidence of  
Causation?*

**General Surgery.** University of Toronto, Toronto, Ontario, Canada

**Rebecca Marks**

BA, Washington University in St. Louis

*International Structural Magnetic Resonance Imaging of Cortical  
Thickness in Older Adults with Bipolar Disorder*

**Psychiatry (Child & Adolescent).** University of Pittsburgh Medical  
Center (UPMC), Pittsburgh, PA

**Tanner Scott Metcalfe**

BA, BS, University of Rochester

*The Effect of the Ketogenic Diet on the Circadian Rhythmicity of  
Glymphatic Function in Mice*

**Anesthesiology.** Duke University Medical Center, Durham, NC

**Sofia Miguez**

BA, University of Pennsylvania

*Refining Uveal Melanoma Prognostication: Integrating Tumor Size,  
Gene Expression Profile, and Prame*

**Medicine-Preliminary (Ophthalmology).** University of Miami/  
Jackson Health System, Miami, FL

**Ophthalmology.** University of Miami/Bascom Palmer Eye Institute,  
Miami, FL

**Danielle F. Miyagishima**

BS, New Mexico State University; PhD, Yale University

*Deconvolution of the Meningioma Microenvironment*

**Postdoctoral Scientist.** Yale University, New Haven, CT

**Max Moss**

BA, Stanford University

*Individual-Level Variables Associated with Non-Medical Opioid Use Among US Adults in 2021-22*

**Pediatrics.** University of Washington Affiliated Hospitals, Seattle, WA

**Darius Mostaghimi**

BS, Johns Hopkins University; MHS, Yale University

*Neurologic Relics of Disease; Epigenetic Scars of Neurosyphilis*

**Internal Medicine/Pediatrics.** Yale-New Haven Medical Center Program, New Haven, CT

**Siddhi Nadkarni**

BA, Brown University

*Pre-Admission Sleep of Patients in the Intensive Care Unit: A Retrospective Observational Study*

**Internal Medicine.** Hospital of the University of Pennsylvania, Philadelphia, PA

**Cindy Khanh Nguyen**

BS, Yale University

*Clinical Predictors of Fluid-Responsive Acute Kidney Injury*

**Internal Medicine.** Yale-New Haven Medical Center Program, New Haven, CT

**Hang P. Nguyen**

BS, Yale University

*Persistent Symptoms in Endoscopic Remission: Social Determinants & Non-Medical Interventions in Inflammatory Bowel Diseases*

**Anesthesiology.** Brigham & Women's Hospital, Boston, MA

**Nicole Odzer**

BS, Yale University

*Exploring Management Decisions and Guideline Implementation  
in Two Breast Cancer Treatment Questions*

**Internal Medicine.** Beth Israel Deaconess Medical Center, Boston, MA

**Nancy Park**

BS, Georgia Institute of Technology

*A Mechanical Etiology of Lateral Patellofemoral Arthritis*

**Orthopaedic Surgery.** Duke University Medical Center, Durham, NC

**Oscar Norberto Perales**

BS, MPH, Yale University

*Tigit and GDF-15 as Biomarkers and Targets in Renal Cell Carcinoma  
Resistant to Immune Checkpoint Inhibitors*

**Pathology (Anatomic/Clinical).** Mass General Brigham, Boston, MA

**Nishita Pondugula**

BA, BSA, University of Texas at Austin; MS, Harvard University

*Pregnancy Outcomes After GLP-1 Receptor Agonist Exposure and  
Ethical Considerations*

**Obstetrics and Gynecology.** Duke University Medical Center,  
Durham, NC

**C. J. Puzo**

BA, Boston College

*Chimerism Testing in Myeloid Malignancies: Practical Guidance and  
Clinical Correlates*

**Internal Medicine.** Yale-New Haven Medical Center Program,  
New Haven, CT

**Niroop Rajashekar**

BA, University of Southern California

*Generative Artificial Intelligence in Clinical Decision Support - Quantitative and Qualitative Analyses*

**Internal Medicine.** Yale-New Haven Medical Center Program, New Haven, CT

**Sumaiya Sayeed**

BS, Brown University

*Patient-Level Factors and Social Determinants of Clinical Outcomes in Spine Oncology*

**Neurological Surgery.** Brown University/Rhode Island Hospital, Providence, RI

**Julia Schaffer**

BA, Cornell University

*Barriers and Facilitators in Implementation of Priorities-aligned Care in Geriatric Home-based Primary Care*

**Internal Medicine-Primary Care.** Yale-New Haven Medical Center Program, New Haven, CT

**Anishaa Sivakumar**

BS, University of Central Florida; MBA, Yale University

*State Regulation and Implementation Landscapes of IV Hydration Spas*

**Internal Medicine.** Massachusetts General Hospital, Boston, MA

**Sarah Lee Spaulding**

BS, Yale University

*Cutaneous Fungal Infections in the United States: A Cross-Sectional Analysis of National Surveys*

**Transitional.** Memorial Sloan-Kettering Cancer Center, New York, NY

**Alicia Patricia Stephan**

BS, University of the Pacific

*Website Accessibility of Largest Health Insurers in Medicare Advantage Market*

**Anesthesiology.** Brigham & Women's Hospital, Boston, MA

**Vinaik Mootha Sundaresan**

BA, Washington University in St. Louis

*Prognostic Factors in Active Surveillance of Low-Risk Prostate Cancer: A Future of Tailored Surveillance*

**Urology.** Northwestern University-Feinberg School of Medicine, Chicago, IL

**Madisen Alicia Swallow**

BA, Cornell University; MS, Johns Hopkins University

*Personalized Therapeutic Approaches for Cutaneous T-Cell Lymphoma (CTCL)*

**Medicine-Preliminary.** Yale-New Haven Medical Center Program, New Haven, CT

**Dermatology.** Yale-New Haven Medical Center Program, New Haven, CT

**Taylor Nicholas Takasugi**

BS, BS, University of Minnesota-Twin Cities; PhD, Yale University

*The Role of POT1b: Unraveling the Mechanisms Protecting Telomeric Overhangs and the Regulation of Telomere Length*

**Pathology (Clinical).** Yale-New Haven Medical Center Program, New Haven, CT

**Daniel Thompson**

BS, MS, University of Wisconsin-Madison; MBA, Yale University

*Evaluating Nebulizer Efficiency for Phage Therapy in Drug-Resistant Pseudomonas Infections*

**Internal Medicine.** Yale-New Haven Medical Center Program, New Haven, CT

**Evan Toner-Cao**

BA, Columbia University

*Unconditional Cash Transfers as Health Interventions in the Recently Incarcerated*

**Family Medicine.** Middlesex Health, Middletown, CT

**Caroline Naomi Valdez**

BS, University of California-Santa Barbara

*Macrophage Migration Inhibitory Factor and D-Dopachrome Tautomerase as Biomarkers and Key Modulators of Tumor Progression in Head and Neck Cancer and Melanoma*

**Internal Medicine.** Kaiser Permanente Oakland Medical Center, Oakland, CA

**Kailyn Janelle Valido**

BS, University of North Carolina at Chapel Hill

*The Use of Biologic Agents in Cutaneous Immune-Related Adverse Events Due To Immune Checkpoint Inhibitors*

**Transitional.** Memorial Sloan-Kettering Cancer Center, New York, NY

**Dermatology.** Yale-New Haven Medical Center Program, New Haven, CT

**Elliott Kim Vanderford**

BS, University of Oklahoma

*Changes in Healthcare Coverage and Access to Eyecare Among Low-Income Adults After Medicaid Expansion*

**Medicine-Preliminary (Ophthalmology).** Yale-New Haven Medical Center Program, New Haven, CT

**Ophthalmology.** Yale-New Haven Medical Center Program, New Haven, CT

**Grace Wang**

BS, University of Washington

*Neighborhood-Level Variation in the Effectiveness of and Participation in an Intensive Health Behavior and Lifestyle Treatment Program for Pediatric Obesity*

**Internal Medicine.** University of Washington Affiliated Hospitals, Seattle, WA

**Sarah Graham Wilkins**

BS, Yale University

*Survival Outcomes and Recurrence Patterns After Diagnosis with HPV+ Oropharyngeal Cancer*

**Otolaryngology.** University of Michigan Health, Ann Arbor, MI

**Mitchel Wride**

BA, Brigham Young University

*Bipolar Disorder Among Individuals with Atopic Dermatitis: a Case-Control Study in the All of Us Research Program*

**Medicine-Preliminary.** St. Mary's Hospital/Trinity Health of New England, Waterbury, CT

**Dermatology.** Vanderbilt University Medical Center, Nashville, TN

**Cory Wu**

BS, Yale University

*Analysis of Post-Operative Recovery from Microsurgical Breast Reconstruction as Modified by Anterior Quadratus Lumborum Regional Blockade*

**Anesthesiology.** Yale-New Haven Medical Center Program, New Haven, CT

**Sangwon Yun**

BS, Duke University; PhD, Yale University

*Investigating Stem Cell Chromatin Organization and Oncogenic Tissue Morphogenic Change through Intravital Microscopy*

**General Surgery.** Yale-New Haven Medical Center Program, New Haven, CT



**Amy Yue-Ting Zhao**

BS, PhD, Yale University

*Peripheral Immune Signatures of Fibrotic Lung Disease*

**Internal Medicine (Physician Scientist).** Massachusetts General Hospital, Boston, MA

**Justin R. Zhu**

BA, Cornell University

*The Correlation of Surgeon Subspecialty with Outcomes Following Surgery for Geriatric Femoral Neck Fractures and Ankle Fractures*

**Orthopaedic Surgery.** St. Luke's University Hospital-Bethlehem, Bethlehem, PA

YALE SCHOOL OF MEDICINE

## Class of 2025 Physician's Oath

*In the tradition of our predecessors, witnessed by our families, friends, and colleagues, whose sacrifices have made our journey possible, we make these pledges:*

We pledge to dedicate our practice of medicine to the sick and vulnerable, fully committing to the principle that all humans deserve care. We honor the trust our patients place in us, striving always to provide empathetic, patient-centered, and humanistic care.

We pledge to treat each patient with dignity and compassion, regardless of their identities, backgrounds, or beliefs – even when they differ from our own. We vow to honor the rights of all to receive care, regardless of the social or political climate at the time.

We pledge to use our privilege as physicians to advocate for patients, especially the most vulnerable. We will recognize and challenge historical injustices and systemic inequities that perpetuate harm, ensuring that our practice of medicine does not repeat or reinforce past wrongs.

We pledge to honor those who came before us, from the generations of healers and scientists, as well as the patients and research participants whose sacrifices laid the foundation of our profession. We will steward medicine for those who follow, committing to lifelong learning, teaching, and mentorship.

We pledge to respect the scientific process and embrace medicine as an art and a discipline guided by evidence. We will acknowledge our limitations, seek guidance when uncertain, and remain steadfast in our commitment to intellectual humility and growth.

We pledge to remain true to our patients, striving to center their perspectives and understand their wishes while balancing our professional judgment and ethical duties. We will listen first and counsel second – curing sometimes, relieving often, and comforting always.

We pledge not to let personal gain or external pressures sway our judgment of what is best for our patients. We recognize that true healing extends beyond medicine and into the social, economic, and political structures that shape health.

Finally, we pledge to care for ourselves and our peers, recognizing that we cannot fully tend to the well-being of our patients without tending to our own.

*With this oath, we bind ourselves to each other and to the practice of medicine, as stewards of Healing, vanguards of Justice, and torchbearers of Reason—on this day and for all days to come.*

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FOOTNOTE: With language inspired by and adapted from the Hippocratic Oath, Declaration of Geneva Physician's Oath, the World Health Organization Constitution, the Imperial College School of Medicine's Declaration of a New Doctor, and the classes of Yale School of Medicine which came before us.

# **Harkness Courtyard and E.S. Harkness Lounge** **367 Cedar Street**



