



**Commencement Ceremony**

**Yale School of Medicine**

**22 May 2023**



## COMMENCEMENT PROGRAM

Monday, May 22, 2023

Amistad Park

Welcome	Nancy J. Brown, MD Jean and David W. Wallace Dean of the School of Medicine
Invocation	Isaiah Thomas and Akhil Upneja
Class of 2023 Musical Piece	Duy Phan and Amrita Kaur Singh
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 2023 Class Presidents Ryan Fan and  
Zeyu Tang

Class of 2023 Gift

Presented by 2023 Class Presidents Ryan Fan and  
Zeyu Tang

Introduction of Guest Speaker	Nancy J. Brown, MD Jean and David W. Wallace Dean of the School of Medicine
Commencement Address	Anthony S. Fauci, MD <i>Former Director, National Institute of Allergy and Infectious Diseases National Institutes of Health</i>
Presentation of Degrees	Nancy J. Brown, MD Jean and David W. Wallace Dean of the School of Medicine  Barbara Kazmierczak, PhD, MD Director, MD-PhD Program  Terri Tolson Registrar
2023 Yale Physician's Oath Followed by a Moment of Silence	John S. 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 S. Francis, MD, PhD  
Associate Dean for Student  
Affairs

Jessica Illuzzi, MD, MS  
Deputy Dean for Education

Banner Bearer

Emily Meesun Gudbranson

Student Marshals

Ryan Fan

Katherine Hill (MHS)

Kelsey Rankin (Certificate in  
Global Medicine)

Zeyu Tang

Commencement Piper

Glenn H. Pryor

- ❖ Student awards will not be announced. Instead, the Class of 2023 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: Sabrina Nunez, PhD**

**Clinical Science: Shefali Pathy, MD, MPH**

**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.

**Sharon Chekijian, 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.

**Silvia Vilarinho, MD, 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.

**Jean Bologna, 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.

**Michael Cappello, 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.

**Justin Nguyen, MD and Stephen Wang, MD, MPH**

## 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.

**Seohyuk (Stephen) Lee, Namita Ravi, Christopher Schenck, Isaiah Thomas, Akhil Upneja and Anna Zhao**

**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.

**Brian Graham Beitler, Annika Belzer, Mariana Budge, Callie Marie Ginapp, Simone-Èlise Stern Hasselmo, Sreeja Kodali, Folawiyo Laditi, Christopher Schenck, Katelyn Singh, Suzanne Lindsay Xu and Beverly Yu**

**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.

**Matthew Alsaloum, Gabriel Betancur Vèlez, Mariana Budge, Nicholas George Economos, Marissa Justen, Yu Kyung Lee, Elizabeth Li, Muzz Muhammad, Autumn Nobles, Aishwarya Kannadiparambil Pillai, Akhil Upneja, Luying Yan**

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

**Annika Belzer**



**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.

### **Christopher Schenck**

**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.

### **Gabriel Betancur Vèlez**

**The Leonard Tow Humanism in Medicine Award Presented 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.

### **Mariana Budge**

**The Peter Grannum Prize.** Established in 1990, awarded to an outstanding African-American graduate. This annual award is supported by The Shirley, Maggie and Hugh Comer Fund.

### **Autumn Nobles**

**The Cortlandt Van Rensselaer Creed Award.** Established in 1999 in honor of Cortlandt Van Rensselaer Creed, MD, 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.

### **Mariana Budge**

**Yale Student Social Justice Activism Award, in honor of Tehreem Rehman, MD '18 and Robert Rock, MD '18.** This award is presented to a graduating student who demonstrated a strong commitment to community engagement, advocacy, and social justice.

**Jessica Cerdeña**

**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.

**Kunal Cavin Potnis**

**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."

**Gabriel Betancur Vélez**

**The John M. Leventhal Award.** 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.

**May Shum**

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

**Waleed Khan**

**Connecticut Chapter of American College of Surgeons Prize.**

Awarded to a graduating student for excellence in surgical sciences.

**Natnael Doilicho**

**The Society for Academic Emergency Medicine Award.**

Awarded to the student who has demonstrated excellence in the specialty of emergency medicine.

**Douglas Barber**

**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.

**Abriana Tasillo**

**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.

**Nyerovwo Faith Okifo**

**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.

**Seohyuk (Stephen) Lee**

**The Marguerite Rush Lerner Award.** Awarded to a graduating student for outstanding creative writing or visual art.

**Anna Grace Preston and Keyuree Satam**

**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.

**Matthew Dong and Katherine Louise Leiby**

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

**Daniel Barson, Jennifer Shuen Chen, Nicholas George Economos, Kenneth Suranga Gunasekera and Daniel Jong-Woong Kim**

## THESIS PRIZES

### MD Thesis Prize in Basic Science

Jungsoo Chang	Keyuree Satam
Waleed Khan	Amrita Kaur Singh
Govind Krishna Kumar Nair	Katelyn Singh
David Ki Nam	Suzanne Lindsay Xu

### MD Thesis Prize in Bioethics

Yu Kyung Lee	Anna Zhao
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### MD Thesis Prize in Clinical Research

Emily Avery	Jay Thomas Moran
Annika Belzer	Autumn Nobles
Mariana Budge	May Shum
Yueming Cao	Gabe Weininger
Dennis L. Caruana	Julia Catherine Wolfe
Sreeja Kodali	

### MD Thesis Prize in Genomics

David Chung	Elizabeth Li
Rahul Dhodapkar	Montana Tremaine Morris

### MD Thesis Prize in Global Health

Ali Elreichouni	Rebeca Esther Vergara Greeno
Kelsey Rankin	

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

Katherine Hill  
Seohyuk (Stephen) Lee

Harry Newman-Plotnick  
Tanvee Varma

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

Hieronimus Albert Loho

Hemali Parimal Shah

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

Lake Racer Crawford  
Lauren Alessandra Stone

Isaiah Thomas

### **MD Thesis Prize in Medical Humanities**

Callie Marie Ginapp  
Simone-Elise Stern Hasselmo

Christopher Ryan Keys

### **MD Thesis Prize in Neuroimaging**

H. Alexander Chen-MacLean

Jason Silva-Rudberg

### **The MD-PhD Thesis Prize**

Abigail Greene

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

Ryan Dz-Wei Chow

Jonathan Joon-Young Park

## **JOINT DEGREES**

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

Matthew Alsaloum	Abigail Greene
Daniel Barson	Kenneth Suranga Gunasekera
Jessica Cerdeña	William Hancock-Cerutti
Jennifer Shuen Chen	Woong Yul Hwang
Ryan Dz-Wei Chow	Daniel Jong-Woong Kim
Stefano Giovanni Daniele	Katherine Louise Leiby
Matthew Dong	Jonathan Liang
Nicholas George Economos	Raman Venkat Nelakanti
Margret C. Erlendsdottir	Jonathan Joon-Young Park
Alborz Feizi	Duy Phan
James Garritano	Tyler James Shelby

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

Brian Graham Beitler	Katherine Hill
Annika Belzer	Govind Krishna Kumar Nair
Natnael Doilicho	Elizabeth Li
Callie Marie Ginapp	Keyuree Satam

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

Ali Elreichouni	Akhil Upneja
Emily Meesun Gudbranson	Lina Vadlamani
Julian Huang	Anna Zhao
Folawiyo Laditi	

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

Harry Newman-Plotnick	Anna Grace Preston
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### **Students Receiving the MD and the Certificate in Global Medicine**

Michael Amick	Kelsey Rankin
Michael Jesse Flores	

## DOCTORS OF MEDICINE 2023

### **Maham Ahmad**

BA, University of Pennsylvania

*The Impact of COVID-19 on the Dermatologic Care of Transplant Patients: Observations from a Single Institution*

**Transitional.** Trinity Health Ann Arbor Hospital, Ann Arbor, MI

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

### **Matthew Alsaloum**

BS, Stony Brook University; PhD, Yale University

*Mutations in  $\alpha$  and  $\beta$  Subunits of Voltage-Gated Sodium Channels in Neuropathic Pain: Functional Assessment in Rodent and Human iPSC-Derived Sensory Neurons*

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

### **Michael Amick**

BS, University of California-Los Angeles; Certificate in Global Medicine, Yale University

*Connecticut Child Maltreatment-related Emergency Department Visits before and after the COVID-19 Pandemic*

**Orthopaedic Surgery.** University of Utah Health, Salt Lake City, UT

### **Emily Avery**

BA, Princeton University

*Radiomics: A Methodological Guide and its Applications to Acute Ischemic Stroke*

**Transitional.** Scripps Mercy Hospital San Diego, San Diego, CA

**Diagnostic Radiology.** University of California (San Diego) Medical Center Program, San Diego, CA

### **Douglas Barber**

BA, Brown University

*Feasibility and Reliability of Venous Excess Ultrasound (VExUS) in the Emergency Department*

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



**Daniel Barson**

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

*Developmental Participation of VIP Interneurons in Cortical  
Dynamics*

**Child Neurology.** Children's Hospital of Boston, Boston, MA

**Brian Graham Beitler**

BS, MHS, Yale University

*Using Point of Care 3D Printing to Improve Orthopaedic Surgery*

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

**Annika Belzer**

BS, University of California-Los Angeles; MHS, Yale University

*Characterization Of Cutaneous Immune-Related Adverse Events  
Due to Immune Checkpoint Inhibitors*

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

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

**Elisa Rachel Berson**

BS, Duke University

*An Investigation of Novel Point of Care 1-Tesla MRI of Infants'  
Brains in the Neonatal ICU*

**Medicine-Preliminary.** University of Texas Southwestern Medical  
School Program, Dallas, TX

**Diagnostic Radiology.** University of Texas Southwestern Medical  
School Program, Dallas, TX

**Gabriel Betancur Vélez**

BS, Yale University

*Understanding Perceptions of New-Onset Type 1 Diabetes  
Education in a Pediatric Tertiary Care Center*

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

**Shaman Bhullar**

BA, University of California-Berkeley

*Effectiveness of Acitretin for Skin Cancer Prevention in Immunosuppressed and Non-Immunosuppressed Patients*

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

**Mariana Budge**

BA, Columbia University

*A Mixed-Methods Analysis of a Group Well-Child Care Intervention to Promote Responsive Feeding*

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

**Yueming Cao**

BS, Brown University

*Adherence to Tumor Board Recommendations in Patients with Hepatocellular Carcinoma*

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

**Dennis L. Caruana**

BS, Stony Brook University

*Clinical Trials Related to the Spine & Shoulder/Elbow: Rates, Predictors, & Reasons for Termination*

**Postdoctoral Research Associate, Department of Orthopaedics & Rehabilitation.** Yale School of Medicine, New Haven, CT

**Jessica Cerdeña**

BA, Washington University in St. Louis; PhD, Yale University

*Onward: An Ethnography of Latina Migrant Motherhood During the COVID-19 Pandemic*

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

**Shin Mei Chan**

BS, Stanford University

*Sex Differences in Patients with Deep Vein Thrombosis*

**Interventional Radiology (Integrated).** University of California (San Francisco) Program, San Francisco, CA

**Jungsoo Chang**

BS, University of Michigan-Ann Arbor  
*Improving Delivery of Immunomodulator MPLA with Biodegradable Nanoparticles*

**Transitional.** Trinity Health Ann Arbor Hospital, Ann Arbor, MI  
**Dermatology.** University of Michigan Health System Program, Ann Arbor, MI

**Jennifer Shuen Chen**

BA, Harvard University; PhD, Yale University  
*T Cell Regulation of Antibody Responses to Infection and Immunization*

**Medicine-Preliminary.** Lankenau Medical Center, Wynnewood, PA

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

**H. Alexander Chen-MacLean**

BS, University of Wisconsin-Madison; MA, King's College London

*Identification of a Novel Link Between Adiposity and Visuospatial Ability*

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

**Ryan Dz-Wei Chow**

BA, Harvard University; PhD, Yale University  
*Mapping a Functional Cancer Genome Atlas*

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

**David Chung**

BA, Brown University  
*Incorporating Genomic Analysis in the Clinical Practice of Hepatology*

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

**Lake Racer Crawford**

BS, University of Kansas  
*Emergency Medicine Resident Perceptions of a Medical Wilderness Adventure Race (MedWAR)*

**Emergency Medicine.** Denver Health Medical Center, Denver, CO

**Stefano Giovanni Daniele**

BS, Georgetown University; PhD, Yale University

*Ex Vivo Normothermic Restoration of Circulation and Cellular Functions in the Large Mammalian Brain Hours Postmortem*

**Medicine-Preliminary.** University of Miami Hospital/Holy Cross Hospital Program, Fort Lauderdale, FL

**Dermatology.** Massachusetts General Hospital-Harvard Combined Program, Boston, MA

**Wyatt David**

BA, MS, University of Pennsylvania

*Surgical Outcomes Following Posterior Spinal Fusion for Adolescent Idiopathic Scoliosis*

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

**Rahul Dhodapkar**

BS, Yale University

*Representing Cells as Sentences Enables Natural Language Processing for Single Cell Transcriptomics*

**Ophthalmology (Integrated).** USC Roski Eye Institute/Keck School of Medicine of USC, Los Angeles, CA

**Sofia L. Dibich**

BA, Yale University

*Life vs. Liberty and the Pursuit of Happiness: Short-Term Involuntary Commitment Laws in all 50 US States*

**Special Assistant.** Office of the Virginia Secretary of Health and Human Resources, Richmond, VA

**Chloe Connolly Dlott**

BS, Massachusetts Institute of Technology

*Healthcare Disparities in Preoperative Risk Management for Total Joint Arthroplasty*

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

### **Natnael Doilicho**

BA, University of Chicago; MHS, Yale University  
*Toll-Like Receptors 2/4 Directly Co-Stimulate Arginase-1 Induction  
Critical for Macrophage-Mediated Renal Tubule Regeneration*  
**General Surgery.** Washington University/Barnes-Jewish Hospital,  
St. Louis, MO

### **Matthew Dong**

BA, University of California-Berkeley; PhD, Yale University  
*Advancing Cell-Based Immunotherapies Using Next-Generation  
Genetic Tools*  
**Internal Medicine (Physician Scientist).** Johns Hopkins Hospital,  
Baltimore, MD

### **Nicholas George Economos**

BS, Tufts University; PhD, Yale University  
*Peptide Nucleic Acids and CRISPR-Cas9: Mechanisms and  
Rational Applications for Gene Editing Systems*  
**Internal Medicine.** Brigham & Women's Hospital, Boston, MA

### **Ali Elreichouni**

BA, Harvard University; MBA, Yale University  
*Factors Impacting Trauma-Specific Quality of Life Following Injury:  
A Multi-Center Assessment in Lebanon*  
**Emergency Medicine.** University of California (San Francisco)  
Program, San Francisco, CA

### **Margret C. Erlendsdottir**

BS, PhD, Yale University  
*Quantitative Methods for Improving Medical Decision-Making*  
**Internal Medicine (Research).** Icahn School of Medicine at  
Mount Sinai Hospital, New York, NY

### **Ryan Fan**

BA, University of Pennsylvania  
*Associations of Atopic Dermatitis with Neuropsychiatric  
Comorbidities*  
**Medicine-Preliminary.** University of Pittsburgh Medical Center  
(UPMC), Pittsburgh, PA  
**Dermatology.** University of Texas Southwestern Medical School  
Program, Dallas, TX

**Alborz Feizi**

BS, MS, University of California-Los Angeles; PhD, Yale University  
*Engineering Tools for High-Throughput Ex Vivo Human Organ Research*

**Interventional Radiology (Integrated).** Icahn School of Medicine at Mount Sinai Hospital, New York, NY

**Michael Jesse Flores**

BS, Utah State University; Certificate in Global Medicine, Yale University

*International Academic Partnerships in Orthopaedic Surgery*

**Orthopaedic Surgery (Research).** University of California (San Francisco) Program, San Francisco, CA

**Mursal Gardezi**

BS, Brown University

*Bladder Neck Contracture and Urethral Stricture after Holmium Laser Enucleation of the Prostate*

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

**James Garritano**

BS, BS, University of California-Los Angeles; PhD, Yale University  
*On the Efficient Evaluation of the Azimuthal Fourier Components of the Green's Function for Helmholtz's Equation in Cylindrical Coordinates*

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

**Dermatology.** Baylor College of Medicine Program, Houston, TX

**Callie Marie Ginapp**

BS, University of Iowa; MHS, Yale University

*Young Adults with ADHD and their Involvement in Online Communities: A Qualitative Study*

**Psychiatry.** Beth Israel Deaconess Medical Center, Boston, MA

**Abigail Greene**

BA, Princeton University; PhD, Yale University

*Characterizing Brain-Phenotype Relationships in Health and Disease*

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

**Emily Meesun Gudbranson**

BA, MBA, Yale University

*Obtaining “True” Informed Consent in Elective Emergencies: An Ethical Approach to Consenting Patients for Revision Amputation Versus Digit Replantation*

**Plastic Surgery (Integrated).** Hospital of the University of Pennsylvania, Philadelphia, PA

**Kenneth Suranga Gunasekera**

BS, PhD, Yale University

*Spatial and Prediction Models for Addressing Challenges in Pediatric Tuberculosis Control and Care*

**Pediatrics (Physician Scientist).** New York Presbyterian Hospital (Columbia) Program, New York, NY

**William Hancock-Cerutti**

BA, Franklin & Marshall College; MS, University of Pierre and Marie Curie; PhD, Yale University

*The Parkinson’s Gene VPS13C Encodes an ER-Lysosome Lipid Transfer Protein Linking Lysosomal Lipid Homeostasis and cGAS/STING-Mediated Innate Immunity*

**Transitional.** St. Joseph’s Medical Center, Stockton, CA

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

**Simone-Élise Stern Hasselmo**

BA, Harvard University

*Becoming a Doctor, Becoming a Monster: Medical Socialization and Desensitization in Nazi Germany and 21st Century USA*

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

**Olivia Dixon Herrington**

BA, Harvard University

*Comparative Efficacy of Pharmacological Interventions for Borderline Personality Disorder: A Network Meta-Analysis*

**Psychiatry.** Montefiore Medical Center/Albert Einstein College of Medicine, Bronx, NY

**Katherine Hill**

BA, BS, University of Minnesota; MHS, Yale University  
*An Examination of Honor Society Membership, Mistreatment, and Discrimination by Medical Student Demographics*  
**Neurology.** Mayo Clinic School of Graduate Medical Education, Rochester, MN

**Julian Huang**

BA, MBA, Harvard University  
*Factors Influencing Decision for Contralateral Prophylactic Mastectomy Versus Unilateral Mastectomy*  
**Internal Medicine.** Brigham & Women's Hospital, Boston, MA

**Woong Yul Hwang**

BS, University of Rochester; PhD, Yale University  
*Beta-catenin Nuclear Transport in Wnt Signaling: Kap-beta2/Transportin Mediates Nuclear Import of Beta-catenin via a PY-NLS Motif in a Ran GTPase Dependent Manner*  
**Anesthesiology.** Brigham & Women's Hospital, Boston, MA

**Marissa Justen**

BS, University of California-San Diego  
*Perspectives on Emergency Department-Initiated Buprenorphine Among Clinical Pharmacists*  
**Psychiatry.** University of California (San Francisco) Program, San Francisco, CA

**Arianna Kahler-Quesada**

BS, Oregon State University  
*Quality of Life Outcomes in Patients with COVID-19 Requiring ECMO Support*  
**General Surgery.** University of Pittsburgh Medical Center (UPMC), Pittsburgh, PA

**Jehanzeb Kayani**

BS, University of Connecticut; MPH, Columbia University  
*Examination for Independent Predictors of Seasonality of Birth Across Forty-Nine Low- and Middle-Income Countries: Analyses of The United States Agency for International Development Demographic and Health Survey Data*  
**Internal Medicine.** Icahn School of Medicine at Mount Sinai Hospital, New York, NY



**Christopher Ryan Keys**

BA, Brown University; JD, Harvard University

*Pediatricians, Social Identity, and the Law in the Early-Twentieth-Century United States*

**Pediatrics.** University of Texas Southwestern Medical School Program, Dallas, TX

**Waleed Khan**

BS, University of Toronto

*Single Neuronal Firing Dynamics in a mouse model for Absence Seizures*

**Medicine-Preliminary (Neurology).** Brigham & Women's Hospital, Boston, MA

**Neurology.** Brigham & Women's Hospital/Massachusetts General Hospital, Boston, MA

**Daniel Jong-Woong Kim**

BA, Harvard University; PhD, Yale University

*Transcription Factors as Direct Mediators of Homeostasis and Defense*

**Medicine-Preliminary.** Kaiser Permanente Santa Clara Medical Center, Santa Clara, CA

**Dermatology.** Stanford Health Care-Stanford University Program, Stanford, CA

**David Nam-Woo Kim**

BS, Johns Hopkins University

*Factors Affecting Outcomes of Second Intent Healing of Nasal Defects after Mohs Micrographic Surgery*

**Orthopaedic Surgery.** Zucker School of Medicine at Hofstra/Northwell at Lenox Hill Hospital, New York, NY

**Sreeja Kodali**

BS, Yale University

*The Impact of Cannabidiol in Patients with Early Psychosis: A Randomized Controlled Trial*

**Internal Medicine-Pediatrics.** Johns Hopkins Hospital, Baltimore, MD

**Govind Krishna Kumar Nair**

BS, University of Toronto; MHS, Yale University

*Renalase Agonist Therapy and the Cardiac Response to Pressure Overload in Chronic Kidney Disease*

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

**Folawiyo Laditi**

BS, University of Western Ontario; MBA, Yale University

*Sociodemographic and Insurance Disparities in Urologic Oncology Care Access and Surgical Outcomes*

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

**Seohyuk (Stephen) Lee**

BS, McGill University

*Race, Income, and Survival in Stage III Colon Cancer: Findings from CALGB 89803 (Alliance)*

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

**Yu Kyung Lee**

BA, University of Kansas

*How Ethics Committees Deliberate Resource Allocation for Undocumented Children, A Qualitative Analysis*

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

**Katherine Louise Leiby**

BS, PhD, Yale University

*Engineering Functional Distal Lung Epithelium*

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

**Elizabeth Li**

BS, Massachusetts Institute of Technology; MHS, Yale University

*Utilizing Systems Biology Approaches to Understand Pediatric Diseases*

**Psychiatry.** Stanford Health Care-Stanford University Program, Stanford, CA

**Jonathan Liang**

BS, MS, Yale University; MPhil, Cambridge University; PhD,  
NIH Oxford-Cambridge Scholars Program

*Fatty Acid Regulation of NLRP3 Inflammasome Activity*

**Pediatrics.** Washington University/St. Louis Children's Hospital,  
St. Louis, MO

**Hieronimus Albert Loho**

BS, Yale University

*Mental Health Service Use among Immigrant and U.S. born Asian  
American Pacific Islanders*

**Psychiatry.** UCLA Semel Institute for Neuroscience and Human  
Behavior, Los Angeles, CA

**Aaron Samuel Long**

BS, Yale University

*Severity and Operative Age in Metopic Synostosis:  
The Association with Neurocognitive Outcomes*

**Plastic Surgery (Integrated).** UCLA Medical Center Program,  
Los Angeles, CA

**Jay Thomas Moran**

BS, Trinity College

*Comparison of the Bone Bruise Patterns in Contact and  
Non-Contact Acute Anterior Cruciate Ligament Injuries*

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

**Montana Tremaine Morris**

BA, Stanford University

*Multi-omic Differences Between Right and Left Sided Colorectal  
Cancer Liver Metastases*

**General Surgery.** NYU Grossman School of Medicine Program,  
New York, NY

**Muzz Muhammad**

BA, MS, Stanford University

*Almajiri Health; A Scoping Review on Disease, Health Literacy  
and Space for Participatory Research*

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

**David Ki Nam**

BA, Amherst College

*Investigating Effects of Glycolysis Inhibition on Metabolism and Extracellular pH in a Mouse Model of Hepatocellular Carcinoma Surgery-Preliminary.* Kaiser Permanente Los Angeles Medical Center, Los Angeles, CA

**Diagnostic Radiology (Research).** University of California (San Diego) Medical Center Program, San Diego, CA

**Raman Venkat Nelakanti**

BS, Stanford University; PhD, Yale University

*Epigenetic Regulation of Stem Cell Fate Decisions by DNA N(6)-Methyladenine.*

**Internal Medicine.** Stanford Health Care-Stanford University Program, Stanford, CA

**Aishwarya Nene**

BS, California Institute of Technology

*Applying Deep Learning to Identify Imaging Biomarkers to Predict Cardiac Outcomes in Cancer Patients*

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

**Harry Newman-Plotnick**

BA, Harvard University; MPH, Johns Hopkins University

*Incarcerated Patients have Higher Mortality after Trauma: An Unreported Healthcare Disparity*

**Plastic Surgery (Integrated).** Albany Medical Center, Albany, NY

**Autumn Nobles**

BA, University of Georgia

*The Association between Social Needs Care Coordination and Social Needs Status amongst Patients in a Federally Qualified Health Center*

**Medicine-Preliminary (Neurology).** Brigham & Women's Hospital, Boston, MA

**Neurology.** Brigham & Women's Hospital/Massachusetts General Hospital, Boston, MA

**Nyerovwo Faith Okifo**

BS, University of Connecticut

*Diagnosis of Polycystic Ovary Syndrome and Non-Hispanic Black Race are Predictive of Hypertension in Reproductive Age Women-analysis of real world electronic medical record data*

**Obstetrics and Gynecology.** University of California (San Diego) Medical Center Program, San Diego, CA

**Jonathan Joon-Young Park**

BS, PhD, Yale University

*Discovery of Novel Cancer Immunotherapy Targets with Next Generation Genome Engineering Methods*

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

**Dermatology.** McGaw Medical Center of Northwestern University Program, Chicago, IL

**Duy Phan**

BS, Johns Hopkins University; PhD, Yale University

*Trim71/Lin-41 Links an Ancient miRna Pathway to Human Congenital Hydrocephalus*

**Neurological Surgery.** University of Virginia Medical Center Program, Charlottesville, VA

**Aishwarya Kannadiparambil Pillai**

BS, University of Florida

*Utility of Shear Wave Elastography in Breast Cancer Diagnosis: A Systematic Review and Meta-Analysis*

**Anesthesiology.** Cedars-Sinai Medical Center, Los Angeles, CA

**Kunal Cavin Potnis**

BS, Duke University

*Cost-Effectiveness of CAR T-Cell Therapy in Adults with Relapsed or Refractory Follicular Lymphoma*

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

**Anna Grace Preston**

BA, Northwestern University; MPH, Yale University

*"I was reaching out for help and they did not help me": Mental Healthcare in the Carceral State*

**Internal Medicine-Pediatrics.** Johns Hopkins Hospital, Baltimore, MD

**Hanya Marium Qureshi**

BA, Columbia University

*Associations of Frailty with Tumor Characteristics & Longitudinal Outcomes in Patients with Meningiomas*

**Neurological Surgery.** UMass Chan Medical School, Worcester, MA

**Kelsey Rankin**

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

*Is Risk Compensation Real? The Effect of Perceived Level of HIV Acquisition on Risk Behavior in a Pilot Pre-Exposure Prophylaxis Demonstration Project in Men Who Have Sex with Men in Malaysia*

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

**Namita Ravi**

BS, California Institute of Technology

*A Single Nucleotide Polymorphism in an RGS6 Enhancer Regulates Heart Rate Variability and Parasympathetic Modulation*

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

**Keyuree Satam**

BA, Harvard University; MHS, Yale University

*Sex Differences in Arteriovenous Fistula Maturation: A Comprehensive Study of Retrospective Human Data and Mouse Modeling to Determine the Role of Sex Hormones on Sex Differences in Arteriovenous Fistula Maturation*

**Vascular Surgery.** Stanford Health Care-Stanford University Program, Stanford, CA

**Christopher Schenck**

BS, Georgia Institute of Technology

*Firearm Injury Prevention Strategies in Children and Young Adults*

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

**Hemali Parimal Shah**

BS, Yale University

*Assessing Quality of Oral Cancer Care across a Health System and Region: Opportunities to Improve Care*

**Otolaryngology.** MedStar Georgetown University Hospital, Washington, DC

**Tyler James Shelby**

BS, Pittsburg State University; PhD, Yale University

*Contact Tracing in the Era of Covid-19: Implementation of Traditional Strategies in Novel Contexts and Innovative Approaches to Address Existing Barriers*

**Family Medicine.** Full Circle Health, Boise, ID

**Amar Sheth**

BS, University of Texas at Austin

*Single-Cell Transcriptomic Atlas Reveals Molecular Drivers of Human Inner Ear Development*

**Otolaryngology (Research).** Stanford Health Care-Stanford University Program, Stanford, CA

**May Shum**

BA, Brown University

*MORE Than Meets the Eye: Improving Recognition of Child Abuse in Emergency Departments*

**Pediatrics.** The Children's Hospital of Philadelphia, Philadelphia, PA

**Jason Silva-Rudberg**

BA, University of California-Berkeley

*Assessment of Gray Matter Microstructure and Synaptic Density in Alzheimer's Disease: A Multimodal Imaging Study with DTI and SV2A PET*

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

**Amrita Kaur Singh**

BA, Columbia University

*A Novel SMARCC1-Mutant Bafopathy Implicates Epigenetic Dysregulation of Fetal Neural Progenitors in the Pathogenesis of Congenital Hydrocephalus*

**Neurological Surgery.** New York Presbyterian Hospital (Columbia) Program, New York, NY

**Katelyn Singh**

BA, Washington University in St. Louis

*Baseline Skin Cytokine Profiles Determined by Rna in Situ Hybridization Correlate with Response to Dupilumab in Patients with Eczematous Dermatitis*

**Medicine-Preliminary.** Massachusetts General Hospital, Boston, MA

**Dermatology.** Rutgers Robert Wood Johnson Medical School, Somerset, NJ

**Lauren Alessandra Stone**

BA, Harvard University

*Barriers to Identifying Learning Disabilities: A Qualitative Study of Clinicians and Educators*

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

**Zeyu Tang**

BS, University of Alberta

*"Come on. I need an answer." A Mixed-Methods Study Of Barriers and Disparities in Diagnostic Odysseys*

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

**Abriana Tasillo**

BA, Boston University

*Cognitive Impairment and Long-Term Health Outcomes in Patients with Coronary Microvascular Dysfunction*

**Emergency Medicine.** Temple University Hospital, Philadelphia, PA



**Isaiah Thomas**

BA, Columbia University

*Family Dyads, Emotional Labor, and the Theater of the Clinical Encounter: Co-Constructive Patient Simulation as a Reflective Tool in Child and Adolescent Psychiatry Training*

**Psychiatry.** Beth Israel Deaconess Medical Center, Boston, MA

**Akhil Upneja**

BS, MBA, Yale University

*Comparative Effectiveness of Digital Breast Tomosynthesis for Breast Cancer Screening in Older Women*

**Internal Medicine-Primary Care.** University of California (San Francisco) Program, San Francisco, CA

**Lina Vadlamani**

BA, MS, Stanford University; MBA, Harvard University

*Analysis of Prices and Outcomes for Common Hospitalized Conditions in 2021*

**Internal Medicine-Primary Care.** University of California (San Francisco) Program, San Francisco, CA

**Marcus Valcarce Aspegren**

BA, University of North Carolina at Chapel Hill

*Recording Multiunit Activity of the Locus Coeruleus in an Awake Mouse Model of Focal Limbic Seizures*

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

**Tanvee Varma**

BA, Wellesley College

*Advancing Clinical Trial Diversity in Cancer Clinical Trials*

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

**Juliana Veira Ramirez**

BA, Williams College

*Improving Cancer Classification with Domain Adaptation Techniques*

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

**Rebeca Esther Vergara Greeno**

BS, Johns Hopkins University

*Soil-Transmitted Helminthiases and Deworming Response in School-Aged Children in Retalhuleu, Guatemala*

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

**Brian Myles Wei**

BS, Stanford University

*The Synergy Between Physiologic Dendritic Cells and mRNA-loaded Lipid Nanoparticles and its Potential as a Cellular Immunotherapy*

**Internal Medicine-Dermatology.** MedStar Washington Hospital Center, Washington, DC

**Gabe Weininger**

BS, Stanford University

*Lipid Profiles Help Explain Protection from Atherosclerosis in Ascending Aortic Aneurysm Patients*

**Thoracic Surgery.** Stanford Health Care-Stanford University Program, Stanford, CA

**Julia Catherine Wolfe**

BA, New York University

*The Impact of Peer Interventions on Physical Activity for Individuals Living with Mental Illness*

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

**Suzanne Lindsay Xu**

BS, Yale University

*Synergistic Drug Combinations in Cutaneous T-Cell Lymphoma: Proteasome Inhibition and Other Targets of Interest*

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

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

**Luying Yan**

BS, Yale University

*Perioperative Outcomes in Patients with Systemic Sclerosis: An Analysis of a Large Case Series*

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

**Beverly Yu**

BA, BS, University of California-San Diego  
*Engineering and Evaluating Biodegradable Bioadhesive  
Nanoparticle-Encapsulated Sunscreens*

**Transitional.** Riverside Community Hospital, Riverside, CA  
**Dermatology.** University of California (Irvine) Program,  
Orange, CA

**Anna Zhao**

BA, Harvard University; MBA, Yale University  
*Disparities in Awareness and Utilization of a Pediatric Ethics  
Committee Across Clinical Team Members*

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

YALE SCHOOL OF MEDICINE

## Yale Physician's Oath 2023

In the tradition of our predecessors, witnessed by our families, friends, and colleagues, and in service to our future patients, we willingly take this oath:

We pledge to dedicate our practice of medicine to the sick and vulnerable, with full commitment to the ideal that all humans are deserving of our highest degree of care.

We vow to recognize the influence of our biases, and we will challenge our peers and ourselves to provide equitable care for all patients with compassion and dedication, regardless of ability, age, beliefs, ethnicity, gender, nationality, race, religion, sexual orientation, or socioeconomic status.

We vow to respect the scientific process, recognizing that the practice of medicine is an art guided by evidence. We will recognize the contributions of others with gratitude when we succeed, learn from our mistakes when we err, acknowledge our own limitations, and seek guidance when we are uncertain.

We vow to respect all patients, including those who hold beliefs that contradict our own, be they religious, political, philosophical or otherwise. We will strive to earn the trust of our patients by providing confidential, capable, and compassionate care. We recognize that our patients will always be our greatest teachers.

We vow to leverage our privilege as physicians to advocate against laws and policies that discriminate against or compromise the health and well-being of our patients. We recognize that our patients' health extends beyond the exam room and is shaped by social, structural, and political inequities. We vow to address these injustices in our practice of medicine.

We vow to prioritize our own physical and mental health so that we may offer our best selves to our patients, loved ones, and communities.

We strive to always remember that the practice of our profession is a privilege and honor. We recognize the mentors who have taught and supported us and vow to do the same for others. We acknowledge the sacrifices made by those around us that have enabled us to pursue this profession.

With these words, we commit our work and lives to be 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, Modern 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 prior Yale School of Medicine Classes.

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



