

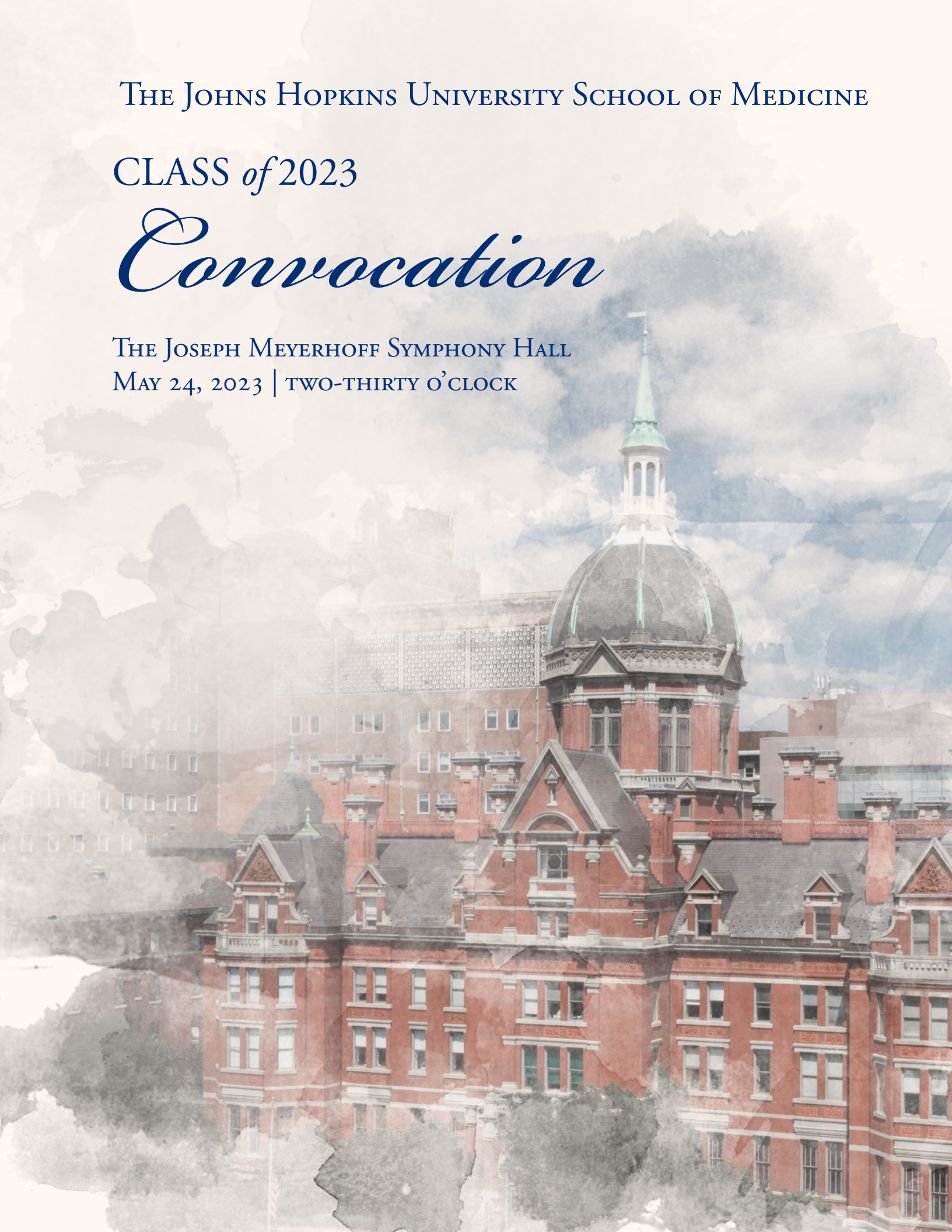
THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE

CLASS *of* 2023

*Convocation*

THE JOSEPH MEYERHOFF SYMPHONY HALL

MAY 24, 2023 | TWO-THIRTY O'CLOCK





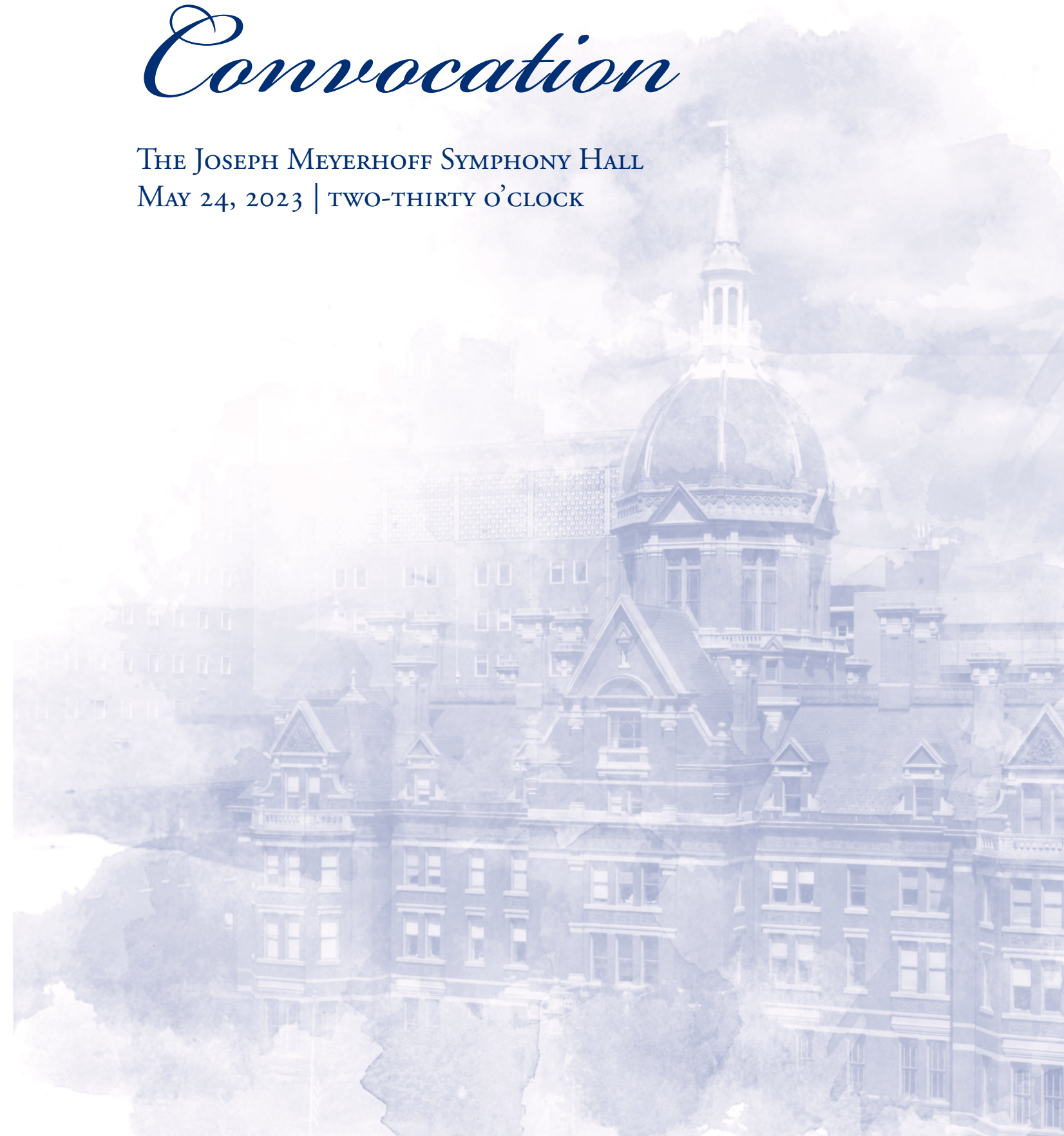
THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE

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## ORDER OF PROCESSION

### GRAND MARSHAL

**Douglas Robinson**, Professor of Cell Biology

### THE GRADUATES

#### Marshals

**Colleen Christmas**, Associate Professor of Medicine, Geriatrics

**Dominique Frueh**, Associate Professor of Biophysics and Biophysical Chemistry

### THE FACULTY

#### Marshals

**David Cooke**, Associate Professor of Pediatrics

**Jon Ling**, Assistant Professor of Pathology

### THE DEAN OF THE MEDICAL FACULTY

### THE DEANS AND HONORED GUESTS

#### Marshals

**Andrew Cameron**, Professor of Surgery

**Feilim Mac Gabhann**, Associate Professor of Biomedical Engineering

## ORDER OF EVENTS

**Theodore L. DeWeese**, The Frances Watt Baker, M.D. and Lenox D. Baker, Jr., M.D.  
Interim Dean of the Medical Faculty and Chief Executive Officer, Johns Hopkins Medicine,  
presiding

### PROCESSIONAL

*The audience is requested to stand as the Academic Procession moves onto the stage*

### OPENING

**Roy C. Ziegelstein**, Sarah Miller Coulson and Frank L. Coulson, Jr. Professor of Medicine and  
the Mary Wallace Stanton Professor of Education

### WELCOME

**Theodore L. DeWeese**, The Frances Watt Baker, M.D. and Lenox D. Baker, Jr., M.D.  
Interim Dean of the Medical Faculty and Chief Executive Officer, Johns Hopkins Medicine

### GREETINGS

**Cory J. White**, Ph.D. and 2021 Johns Hopkins University School of Medicine Alumna

### COMMENTS

**Katherine Chretien**, Associate Dean for Medical Student Affairs

**Chirag Samir Vasavda**, Medical Student

**Peter J. Espenshade**, Associate Dean for Graduate Biomedical Education

**Gian Carlo Molina-Castro**, Graduate Student

### ADDRESS

**Rochelle P. Walensky, M.D., M.P.H.**

Director of the Centers for Disease Control and Prevention  
Administrator of the Agency for Toxic Substances and Disease Registry

### ANNOUNCEMENT OF AWARDS

**Katherine Chretien**, Associate Dean for Medical Student Affairs

**Theodore L. DeWeese**, The Frances Watt Baker, M.D. and Lenox D. Baker, Jr., M.D.  
Interim Dean of the Medical Faculty and Chief Executive Officer, Johns Hopkins Medicine

**Kevin W. Sowers**, President, Johns Hopkins Health System and Executive Vice President,  
Johns Hopkins Medicine

## ORDER OF EVENTS

### ANNOUNCEMENT OF TEACHING AWARDS AND SPECIAL AWARDS

**Theodore L. DeWeese**, The Frances Watt Baker, M.D. and Lenox D. Baker, Jr., M.D.  
Interim Dean of the Medical Faculty and Chief Executive Officer, Johns Hopkins Medicine

### PRESENTATION OF MASTERS AND DOCTOR OF PHILOSOPHY DIPLOMAS

**Theodore L. DeWeese**, The Frances Watt Baker, M.D. and Lenox D. Baker, Jr., M.D.  
Interim Dean of the Medical Faculty and Chief Executive Officer, Johns Hopkins Medicine

**Roy C. Ziegelstein**, Sarah Miller Coulson and Frank L. Coulson, Jr. Professor of Medicine and  
the Mary Wallace Stanton Professor of Education

**Peter J. Espenshade**, Associate Dean for Graduate Biomedical Education

### THE GRADUATE STUDENT OATH

*Administered by*

**David Valle**, Professor of Genetic Medicine

### PRESENTATION OF DOCTOR OF MEDICINE DIPLOMAS

**Theodore L. DeWeese**, The Frances Watt Baker, M.D. and Lenox D. Baker, Jr., M.D.  
Interim Dean of the Medical Faculty and Chief Executive Officer, Johns Hopkins Medicine

**Roy C. Ziegelstein**, Sarah Miller Coulson and Frank L. Coulson, Jr. Professor of Medicine and  
the Mary Wallace Stanton Professor of Education

**Katherine Chretien**, Associate Dean for Medical Student Affairs

### THE OATH OF HIPPOCRATES

*Administered by*

**Khalil Ghanem**, Professor of Medicine

### CLOSING

**Roy C. Ziegelstein**, Sarah Miller Coulson and Frank L. Coulson, Jr. Professor of Medicine and  
the Mary Wallace Stanton Professor of Education

### RECESSIONAL

## STUDENT AWARDS

### THE MICHAEL A. SHANOFF RESEARCH AWARD

The award is made annually to a student for significant research contribution in the medical sciences.

The award is made possible by a bequest from the family and friends of the late Dr. Michael A. Shanoff, who earned his undergraduate degree and M.D. and Ph.D. degrees from the Johns Hopkins University.

*Awarded to*

**Nicole Frumento**

**Joshua David Cohen (2021-2022)**

### THE DAVID ISRAEL MACHT RESEARCH AWARD

The David Israel Macht Research Award was established in 1983 by the family of Dr. Macht to commemorate the centenary of his birth. Dr. Macht was a member of the faculty of the Departments of Pharmacology and Medicine in the early part of this century and was a pioneer investigator in the field of opiate alkaloids. The Award is intended to recognize excellence in investigation by a student in the School of Medicine.

*Awarded to*

**Ho Namkung (2021-2022)**

### THE SOL GOLDMAN AWARD

The Sol Goldman Award is given annually to a Johns Hopkins medical student who is recognized by the faculty of the Department of Medicine, Division of Geriatric Medicine and Gerontology, for excellence in geriatrics and for exceptional sensitivity to older patients. This award is made possible by an endowment given by the family of Sol Goldman to perpetuate an interest in and commitment to geriatric medicine and gerontology among medical students.

*Awarded to*

**Justine Paulette Enns**

### THE ALICIA SHOWALTER REYNOLDS RESEARCH AWARD

This award was created by the School of Medicine Dean's Office in 1996, to honor the memory of Alicia Showalter Reynolds, a Ph.D. student in the Department of Pharmacology and Molecular Sciences from 1992 until her untimely death in 1996. It is given in recognition of contributions to research undertaken by a Ph.D. candidate in the School of Medicine.

*Awarded to*

**Chenxu Guo**

### THE NUPUR DINESH THEKDI RESEARCH AWARD

This award was established in 2002 to honor the memory of Nupur Dinesh Thekdi, an M.D.-Ph.D. student in the School of Medicine from 1996 until his untimely death in 2001. The award was made possible by the generous contributions of his family and friends and is given to honor outstanding research contributions made by a student in the School of Medicine.

*Awarded to*

**Suraj Kannan**

### THE PAUL TALALAY RESEARCH AWARD

The Paul Talalay Research Award was established in 2017 to honor Dr. Paul Talalay, who was a professor of Pharmacology and Molecular Sciences and started the Young Investigators' Day Program in 1978.

*Awarded to*

**Haley Gilbert Abramson  
Srona Sengupta (2021-2022)**



## STUDENT AWARDS

### THE HAROLD LAMPORT BIOMEDICAL RESEARCH PRIZE

The memory of Dr. Harold Lamport, a distinguished investigator, is honored by this prize established by the Lamport Foundation. The prize recognizes research contributions.

*Awarded to*  
Howard Alex Chang (2020-2021)

### THE EXCELLENCE IN MEDICAL STUDENT RESEARCH AWARD

This award is given annually to students whose efforts in basic biomedical, clinical, or public health research is noteworthy and found deserving of special recognition.

*Awarded to*  
Vismaya Sharon Bachu (2020-2021)  
Bradley Joseph Beatson (2020-2021)  
Phillip James Huffman (2020-2021)  
Benjamin August Johnson (2020-2021)  
Aamna Aslam Kabani (2020-2021)  
Ivy Ama Kwegyirba Mannoh (2020-2021)  
Nneoma Emma-Harte Okonkwo (2020-2021)  
Richard Nicholas Pellegrino (2020-2021)  
Sarah Frances Rapaport (2020-2021)  
Sajya Martineau Singh (2020-2021)  
Christopher Injoon Song (2020-2021)  
Yilin Yang (2020-2021)  
Shu Zhang (2020-2021)  
Caroline Maria Zimmerman (2020-2021)  
Caroline Xu Qin (2019-2020)

### SYLVAN SHANE PRIZE IN ANESTHESIOLOGY AND CRITICAL CARE MEDICINE

This prize, established by Dr. Sylvan Shane, a former member of the faculty in Anesthesiology and Critical Care Medicine, recognizes an outstanding medical student making a career choice in Anesthesiology.

*Awarded to*  
Robert Nathaniel Hawthorne

### THE HASKINS K. KASHIMA, M.D. PRIZE IN OTOLARYNGOLOGY-HEAD AND NECK SURGERY

This prize, which honors Dr. Haskins K. Kashima, a former Professor in the Department of Otolaryngology-Head and Neck Surgery, recognizes an outstanding medical student who has chosen a career in Otolaryngology-Head and Neck Surgery.

*Awarded to*  
Austin K. Mattox

### THE W. BRUCE FYE PRIZE IN THE HISTORY OF MEDICINE

The prize is made possible by the generosity of W. Bruce Fye (Johns Hopkins BA '68, MD '72, MA in History of Medicine, '78), a prominent cardiologist and historian of medicine who is the past president of both the American College of Cardiology, the American Osler Society, and the American Association for the History of Medicine, and who served as Professor of Medicine and History of Medicine at the Mayo Clinic. In a long and wide-ranging career as a clinician-historian, Fye's books and articles have consistently demonstrated the relevance of historical thinking to medical research, training, practice, and policy. He established this prize in 2018 to encourage Johns Hopkins medical students to gain experience in historical research and writing and to appreciate how the history of medicine provides valuable perspective on current and future challenges and opportunities in medical practice, education, and research.

*Awarded to*  
Bethany Krista Hung

## STUDENT AWARDS

### THE FRANK H. NETTER, M.D. MEMORIAL SCHOLARSHIP IN MEDICAL ART

The medical illustrator, Frank H. Netter M.D., is known world-wide for his ability to distill complex medical subject matter into clear, effective teaching images. Dr. Netter was not only a skilled draftsman, but knowledgeable in anatomy, physiology, and pathology through his medical training. Family and friends established this scholarship to recognize a student in Art as Applied to Medicine who displays a similar balance of medical and scientific knowledge with the artistic skills that he exhibited throughout his career. Winners of this award have excelled in their academic courses; displayed exceptional art expression; and most importantly utilized both resources to create well-designed and effective didactic illustrations.

*Awarded to*  
Gyyoung Oh  
Lilas L. Armstrong-Davies

### WARFIELD T. LONGCOPE PRIZE IN CLINICAL MEDICINE

The award established in honor of Dr. Longcope, Director of the Department of Medicine from 1922 to 1946, recognizes that graduating student entering the field of medicine whose performance in clinical medicine exemplifies in outstanding fashion the academic excellence and the human qualities that mark the true physician.

*Awarded to*  
Andrew Derren Zale

### HELEN AND HAROLD HARRISON AWARD

The Harrison Award recognizes the remarkable achievements of Doctors Helen and Harold Harrison. The award was established by Dr. Harrison's house officers and colleagues during his many years as Chief of Pediatrics at the Baltimore City Hospitals. This award recognizes outstanding proficiency in pediatrics.

*Awarded to*  
Darius Andrew Eli Johnson

### WILLIAM STEWART HALSTED AWARD IN SURGERY

This award, established in honor of Dr. Halsted, the first professor and director of the Department of Surgery, recognizes that graduating student entering the field of surgery whose proficiency in the discipline is deemed outstanding by the faculty of the Sections of Surgical Sciences.

*Awarded to*  
Carolyn Jennifer Reuland

### SOCIETY FOR ACADEMIC EMERGENCY MEDICINE AWARD

This award recognizes a senior medical student who has demonstrated excellence in the specialty of emergency medicine.

*Awarded to*  
Nneoma Emma-Harte Okonkwo

### AMERICAN ACADEMY OF NEUROLOGY PRIZE FOR EXCELLENCE IN NEUROLOGY

This prize is awarded by the American Academy of Neurology annually to graduating medical students who exemplify outstanding scientific achievement and clinical acumen in Neurology or Neuroscience and outstanding personal qualities of integrity, compassion, and leadership.

*Awarded to*  
Howard Alex Chang  
John Richard Gatti

## STUDENT AWARDS

### THE STEPHEN J. RYAN, M.D. PRIZE IN OPHTHALMOLOGY

Stephen J. Ryan, a graduate of the Johns Hopkins University School of Medicine, Class of 1965, established this prize in honor of his dedication to medical excellence and his affiliation with the Johns Hopkins School of Medicine and the Wilmer Eye Institute. This prize is awarded to a graduating Johns Hopkins medical student with an outstanding academic record who is entering the field of Ophthalmology.

*Awarded to*  
**Sarah Caroline Miller**

### DAVID E. ROGERS AWARD

This award was established by the Johns Hopkins Health System, in honor of David E. Rogers, Dean of the School of Medicine from 1968-1971. The award is presented annually to two students who have exemplified the highest standards of professionalism, medical ethics, and community leadership.

*Awarded to*  
**Macy Lauren Early Gatti**  
**Gian Carlo Molina-Castro**

### DORIS & HENRY WEXLER AWARD

This award is funded by the Wexlers to be given to a student who shows present commitment and future promise in research.

*Awarded to*  
**Macy Lauren Early Gatti**

### NOVEY PRIZE IN PSYCHOLOGICAL MEDICINE

The prize recognizes that graduating student with an outstanding academic record in Psychiatry who has written the best paper on the connection between medical illness and medical life.

*Awarded to*  
**Victoria Lenihan**

### THE DAVID TUCKCHOW YUE AWARD

David Tuckchow Yue, a Johns Hopkins M.D., Ph.D. graduate was an inspirational mentor to over 70 students, fellows and members of his Calcium Signals Lab, co-directed the Biomedical Engineering Ph.D. Program, and played an important role in the M.D.-Ph.D. program. In his memory, his wife, Nancy, and sons, Michael, Daniel, and Jonathan, along with his Calcium Signals Lab members, have sponsored the David Tuckchow Yue Award to honor innovative research by outstanding graduate students at the Johns Hopkins School of Medicine.

*Awarded to*  
**Ariel Yosef Isser (2021-2022)**

### STUDENT RESEARCH AWARD

The Student Research Award is sponsored by the Association for Academic Surgery and recognizes outstanding research efforts by a senior medical student interested in a surgical career.

*Awarded to*  
**Sarah Frey Pisano**

## TEACHING AWARDS

### GEORGE J. STUART AWARD

The Stuart Award was established in 1969 following the bequest of a grateful patient, George J. Stuart of Washington, D.C. Dr. Stuart stipulated that the income from his bequest be presented to an outstanding clinical teacher in the School of Medicine. The selection is made by the senior students.

*Awarded to*  
**Alodia Gabre-Kidan**  
Department of Surgery

### W. BARRY WOOD, JR. AWARD

The W. Barry Wood, Jr. Award for Excellence in Teaching is awarded annually to the teachers voted by the students in the preclinical years to have been most inspirational and/or effective.

*Awarded to*  
**Khalil Ghanem**  
Department of Medicine

### HOUSE STAFF AWARD

The House Staff Teaching Award, established by the Johns Hopkins Medical Student Senate, is awarded annually for excellence in clinical teaching by a member of the house staff. Its purpose is to recognize an individual's contributions, but also to emphasize the importance that the students attach to the concept of house officers as teachers.

*Awarded to*  
**Kristofer Montoya**  
Department of Emergency Medicine

### GRADUATE STUDENT TEACHING AWARD

The Graduate Student Teaching Award, established in 1986 by the Graduate Student Association, recognizes excellence in teaching and mentoring at the graduate level in the biomedical sciences.

*Awarded to*  
**David Valle**  
Department of Medicine

### THE JOHNS HOPKINS UNIVERSITY ALUMNI ASSOCIATION EXCELLENCE IN TEACHING AWARD

This award, established in 1992 by the Johns Hopkins University Alumni Association, recognizes the critical importance of teaching at Johns Hopkins.

*Awarded to*  
**Vinay Parekh**  
Department of Psychiatry and Behavioral Sciences

### PROFESSORS' AWARD FOR EXCELLENCE IN TEACHING

The Professors' Award for Excellence in Teaching was established in 1981 by the Advisory Board of the Medical Faculty and is intended to honor each year members of the faculty whose teaching is judged to have had a profound effect on students in the School of Medicine.

*Awarded to*  
**Dawn LaPorte**  
Department of Orthopedic Surgery  
**Stephen Martin**  
Department of Gynecology and Obstetrics  
**Justin Bailey**  
Department of Medicine

## TEACHING AWARDS

### MARTIN D. ABELOFF AWARD FOR LIFETIME ACHIEVEMENT IN MEDICAL AND BIOMEDICAL EDUCATION

The Martin D. Abeloff Award for Lifetime Achievement in Medical and Biomedical Education, the highest of the Institute for Excellence in Education's honors, is named for Dr. Martin D. Abeloff, whose long and illustrious career at Johns Hopkins left an indelible mark. Dr. Abeloff was at Hopkins beginning in 1966, and served as Director of the Sidney Kimmel Comprehensive Cancer Center from 1992 until his passing in 2007. He was a visionary leader, a superb physician and a world class scholar, in addition to being a much respected colleague and mentor. His educational leadership on the Committee on Educational Values and Rewards led to the formation of the IEE.

*Awarded to*  
**Scott Wright**  
Department of Medicine

### THE LISA J. HEISER AWARD FOR JUNIOR FACULTY CONTRIBUTION IN EDUCATION

The Lisa J. Heiser Award for Junior Faculty Contribution in Education is named in honor of Lisa J. Heiser, M.A., Assistant Dean for Faculty Development and Equity, Johns Hopkins Medicine, 2006-2011. Lisa was the embodiment of what makes Johns Hopkins Medicine special; smart and multitalented, combining fierce tenacity and commitment with tremendous personal warmth, friendliness and collegiality. The Heiser award is given to a junior faculty member, in her/his career 5 years or less on faculty, who has made an outstanding contribution in medical/biomedical education, and shows great promise for future meaningful contributions to medical and biomedical education.

*Awarded to*  
**Christiana Zhang**  
Department of Medicine

### IEE TEACHING AWARDS

The Teaching Awards are intended to recognize outstanding achievement in teaching. Three awards are given: one for those on faculty less than 10 years, one for those on faculty 10 or more years, and one specifically for part-time faculty.

*Awarded to*  
**Sharon Bord**  
Department of Emergency Medicine

**Souvik Chatterjee**  
Department of Medicine

**Mattan Schuchman**  
Department of Medicine

### IEE LEADERSHIP AND MENTORING AWARD

The Leadership and Mentoring Award is intended to recognize outstanding achievement in mentoring. The recipient is selected based on the training experiences and success of the nominee's mentees. Mentoring is defined as the process of guiding, supporting, and promoting the training and career development of others. Mentors may contribute in many areas, including, but not limited to intellectual growth and development, career development, professional guidance and advocacy.

*Awarded to*  
**Cynthia Boyd**  
Department of Medicine

### IEE EDUCATIONAL SCHOLARSHIP AWARD

The Educational Scholarship Award is designed for the faculty member who has a body of educational scholarship work. We define scholarship broadly and include not only publications, but also workshops, other dissemination and contributions to other institutions.

*Awarded to*  
**Janet Record**  
Department of Medicine

## TEACHING AWARDS

### IEE EDUCATIONAL INNOVATION AWARD

The Educational Innovation Award recognizes an individual or, in rare cases, a two-person team, for having developed a resource that directly improves medical or biomedical education. This award is meant to encourage faculty members to creatively apply their talents to improve the academic needs of learners on a national scale.

*Awarded to*  
**Scott Lifchez**  
Department of Plastic and Reconstructive Surgery

### IEE EDUCATIONAL PROGRAM AWARD

The Educational Program Award is intended to recognize a noteworthy medical or biomedical team responsible for a teaching program which has been implemented for five years or less. Programs are judged on their impact on learners, including learner satisfaction, educational outcomes attained, and scholarship and recognition.

*Awarded to*  
**Johns Hopkins University Health and Educational Training Corps**



## POST-BACCALAUREATE CERTIFICATES

**William Hugh Craft, Jr.;** History of Medicine.

**Nadia Zaman Haque;** Clinical Informatics.

**Joseph John Ohlheiser;** History of Medicine.

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## MASTERS OF ARTS

*with title of essay*

**Lilas L. Armstrong-Davies;** Medical and Biological Illustration. *Visualizing Brain Size Evolution in Platyrrhine Monkeys: a Skull Reconstruction, Endocast Extrapolation, and Volume Comparison of Cebupithecia Sarmientoi.*

**Hisham S. Ayoub;** History of Medicine. *The Living Corpse: The Living Interior, Anesthesia, and the Transformation of the Surgical Patient in Britain and America in the Nineteenth Century.*

**Courtney Ranice Brendal;** Medical and Biological Illustration. *MRI Artifact Detection: Schematic Design in Perceptual Training for Radiological Board Exam Preparation.*

**Hao-Wen Chen;** Medical and Biological Illustration. *Endoscopic Endonasal Skull Base Surgery for Pituitary Lesions: an AI-Assisted Creative Workflow to Develop an Animated Educational Resource for Patients and Physicians.*

**Deborah Jean Cotton;** History of Medicine. *"Twenty Years of Knowledge About PCP Seemed to Get Swept Away": Contested Therapies in the AIDS Epidemic.\*\**

**Anna Quinn Mai;** Medical and Biological Illustration. *Visualizing MIPSAs: Exploring Web-Based User Experience Design in Teaching and Promoting Molecular Technology.*

**Gyyoung Oh;** Medical and Biological Illustration. *Understanding the Cellular Mechanisms of Parkinson's Disease: an Interactive Learning Module.*

**Elizabeth Siedell;** Medical and Biological Illustration. *Illustrating and Evaluating a New Visual Procedural Guide for Central Line Placement.*

**Emily Marie Simpson;** Medical and Biological Illustration. *Improving Simulation Task Training: a Novel Interactive Resource and 3D Printing Provide Customizable Solutions for Increasing Fidelity and Lowering Costs.*

**Chris Alan Sloffer;** History of Medicine. *From Farmers to Scientists: the West Riding Pauper Lunatic Asylum as a Research Institution.*

**Miranda Stano;** Medical and Biological Illustration. *Personalized Visualization of Congenital Heart Disease for Communication with Families.*

**Denise Marie Straiges;** History of Medicine. *Contingent Evolution: Homeopathy and 19th Century Biomedicine.*

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\*= Degree Conferred 8/26/22 \*\*= Degree Conferred 12/30/22

## MASTERS OF SCIENCE

*with title of essay/capstone*

**Anum Afzal;** Pharmacology and Molecular Sciences.\*

**Nicole Reynolds Alderson;** Clinical Anaplastology. *Designing a Customizable 3D Printable Finger Joint for Use in Patient-Specific Prosthetic Rehabilitation.*

**Nina Lanae Baltimore;** Anatomy Education.\*

**Samir Hasmukh Bhalodia;** Applied Health Sciences Informatics. *Real-Time Notification of Clinical Values on Mobile Devices.*

**Quinesha D. Burden;** Anatomy Education.\*

**Thomas D. B. Burnett;** Neuroscience.

**Katelynn Elizabeth Deibel;** Biochemistry, Cellular and Molecular Biology.\*\*

**Marissa Erica Fielstein;** Applied Health Sciences Informatics. *Suicide Prevention in the Department of Veterans Affairs: Informatics Solutions for Safety Planning, Screening, and Evaluation.\*\**

**Adrian Florea;** Applied Health Sciences Informatics. *Developing a Radiology Report Template for Lung Ultrasound Images in COVID 19 Disease.\*\**

**Noel Getachew;** Biochemistry, Cellular and Molecular Biology.

**Megan Kristianne Heimann;** Cellular and Molecular Medicine.

**Robbin J. Jang;** Program in Molecular Biophysics.\*\*

**Brock J. Johnson;** Applied Health Sciences Informatics. *Overcoming Military Barriers to Seamless, Interoperable Digital Dental Image Transfer.\*\**

**Kaveh Karbasi;** Biomedical Engineering.\*

**Lana Kim;** Cellular and Molecular Medicine.

**Sai Sri Siddartha Kondabattula;** Anatomy Education.\*

**Robert Koski;** Applied Health Sciences Informatics. *Observational Research in Dentistry or Military Applications.\*\**

**Andrew Li;** Biomedical Engineering.\*\*

**SiYing Li;** Neuroscience.\*\*

**Rebekah Michelle Mikeasky;** Human Genetics.\*

**Nirupama Muralidharan;** Applied Health Sciences Informatics. *Using an Epic Dashboard to Improve Population Health at One Brooklyn Health.*

**Song Park;** Anatomy Education.\*

**Heena D. Patel;** Medical Physics. *Optimization of Tc-99m Sestamibi SPECT Protocol for Imaging Renal Tumors.*

**Vikram Shankar Shivakumar;** Biomedical Engineering.

**Elise Meghan Walsh;** Human Genetics.

**Yanchao Wang;** Medical Physics. *High Resolution Spot Size and Position Measurement for Quality Assurance of an Intensity Modulated Proton Therapy Machine.*

**Alisa Natalie Zayas;** Applied Health Sciences Informatics. *Evaluating Clinician Perception of an AI Diagnostic Tool for Streptococcal Pharyngitis: A Randomized Cross-Sectional Survey Study on Clinicians.*

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**DOCTORS OF PHILOSOPHY***with title of dissertation*

**Haley Gilbert Abramson**; Biomedical Engineering. *Algorithmic Design for Ultrasound Devices in Neurosurgery.*

**Timothy John Aikin**; Biochemistry, Cellular and Molecular Biology. *Role of ERK Signaling Dynamics During Oncogenesis.*\*\*

**Nathalie Spita Alekos**; Cellular and Molecular Medicine. *Beta-Oxidation of Adipose-Deprived Fatty Acids Fuel PTH-Induced Bone Formation.*\*

**Shantel Marie Angstadt**; Cellular and Molecular Medicine. *Myosin II Assembly Regulation Through the Myosin Phosphatase Targeting Subunit 1 Determines Cortical Mechanics Function According to Myosin Assembly and Mechanoresponse Potential in Pancreatic Cancer Cells.*\*\*

**Jonathan Joseph Augustin**; Biochemistry, Cellular and Molecular Biology. *Mechanistic Insights into the lncRNA Pantr2's Role in Corticogenesis.*\*\*

**Erica Kathlyn Domanich Avery**; Cellular and Molecular Physiology. *Investigating Mitochondrial Phospholipid Flux Via Phosphatidylserine Decarboxylase-1 Relocalization and Inversion.*

**Safiat Taiwo Ayinde**; Pharmacology and Molecular Sciences. *Tackling Triple-Negative Breast Cancer With a Novel Glucose Transporter Inhibitor and an Antidiabetic Biguanide.*

**Jacquelyn Renee Bedsaul**; Immunology. *Mechanistic Impact of Oligomer Poisoning by Dominant-Negative CARD11 Variants.*\*

**Claire Marie Bell**; Human Genetics. *Experimental and Analytical Tools for Single-Cell Lineage Tracing of the Retina.*\*\*

**Alicia Mary Braxton**; Cellular and Molecular Medicine. *Three-Dimensional Genomic Analysis of Human Pancreatic Intraepithelial Neoplasia.*\*\*

**Veronica Francis Busa**; Human Genetics. *Correlation of Transcriptome-Wide Protein Binding to Inform RNA Regulation.*\*

**Aleksandr Bykov**; Cross Disciplinary Program in Graduate Biomedical Sciences. *Dissecting Transcriptional Developmental Histories with Single-Cell Resolution in C. elegans.*\*\*

**Stephanie Lynn Canington**; Functional Anatomy and Evolution. *The Natural History and Feeding Ecologies of Lemurs (Infraorder Lemuriformes) in Wild and Human-Maintained Habitats.*

**Di Cao**; Biomedical Engineering. *Contrast Enhanced MRI for the Measurement of Dynamic Signal Changes in the CSF and Cerebral Lymphatic Vessels.*\*\*

**Madeline Mari Cassani**; Biochemistry, Cellular and Molecular Biology. *Germ Granule Dynamics and Roles in Germ Cell Fate Specification in C. elegans Embryos.*\*\*

**Worarat Chaisawangwong**; Pathobiology. *Exploring the Emerging Roles of T Cells in Cancer and Infectious Disease.*\*

**Mayukh Chakrabarti**; Program in Molecular Biophysics. *Examining Protein Conformational Dynamics using Computational Techniques: Studies on Phosphatidylinositol-3-Kinase and the Sodium-Iodide Symporter.*\*\*

**Michelle Harran Chan-Cortes**; Neuroscience. *Contribution of SMN Deficient Skeletal Muscle to Spinal Muscular Atrophy.*

**Jiayu Chen**; Cellular and Molecular Medicine. *MYC Driven Increased Mitochondrial DNA Copy Number Occurs Early in Carcinogenesis and is Sustained During Disease Progression.*

**Peter Eugene Chianchiano**; Pathobiology. *Functional and Molecular Interrogation of Venous Invasion in Human PDAC.*\*

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**DOCTORS OF PHILOSOPHY***with title of dissertation*

**Roshan Chikarmane**; Pharmacology and Molecular Sciences. *Coordinated Activation of the Androgen Receptor Transcriptional Program in Prostate Cancer.*\*

**Jiachen Chu**; Cellular and Molecular Physiology. *The Pathological Roles and Pharmacology of Novel Chloride Channels Swell1 and PAC.*

**Joshua David Cohen**; Biomedical Engineering. *Liquid Biopsies for the Detection, Localization, and Management of Cancer.*

**Jonathan D. Crawford**; Immunology. *XIST is a Danger Signal Underlying the Sex Bias in Systemic Autoimmunity.*

**Ashley Michelle Curran**; Immunology. *Investigating the Role of Citrullination in the Initiation and Pathogenesis of Rheumatoid Arthritis.*

**Allison Katharine Daitch**; Biochemistry, Cellular and Molecular Biology. *Osmoregulated Periplasmic Glucan Metabolism is Required for Stress Survival and Morphology in Caulobacter Crescentus.*\*

**Vy Thuy Duong**; Human Genetics. *Elucidating the Genetic and Biological Mechanisms Regulating Cardiac Electrophysiology Traits and Sudden Cardiac Death.*

**Alexandriya Michele Xanthe Emonds**; Biomedical Engineering. *Neural Representation of Physical Object Properties in Higher Order Vision.*\*

**Rossin James Erbe**; Human Genetics. *Time and Causality in Genomics Data.*

**Gabrielle A. Ewall**; Neuroscience. *Cross-Modal Plasticity of the Higher Order Thalamus.*

**Elizabeth Maria Zawidzka Faha**; Cellular and Molecular Medicine. *Comparing Tumor-Specific CD8+ T Cells in the Bone Marrow with Tumor Infiltrating Lymphocytes: Implications for Adoptive Cell Therapy in Solid Tumors.*

**Hongli Fan**; Biomedical Engineering. *Magnetic Resonance Imaging of Perfusion with MR Fingerprinting Arterial Spin Labeling.*

**Yunfan Fan**; Biomedical Engineering. *Nanopore Sequencing for Infectious Disease Applications.*\*\*

**Yuqi Fang**; Biomedical Engineering. *DNA Methylation Stochasticity is Associated with Genetics, Epigenetics and Embryonic Development.*

**Kyra Leigh Feuer**; Human Genetics. *Investigating the Genetics of Schizophrenia: Cautioning of DPYSL2-B Function in iPSC-Derived Neurons and Development of the CRISPR DEL/REI Scarless Editing Method.*

**Nicole Frumento**; Cellular and Molecular Medicine. *Characterization of Broadly Neutralizing Antibodies Induction and Resistance in Human Subjects who Repeatedly Clear Hepatitis C Virus Infection.*

**Christos Galanis**; Cellular and Molecular Medicine. *Gly, Encoded by MAB\_3167c, is Required for In Vivo Growth of M. Abscessus and Exhibits Mild Beta-Lactamase Activity.*\*

**Jean Gabriel Garcia-Diaz**; Cellular and Molecular Medicine. *Wnt Ligand-Specific Signaling in Bone.*

**McKinzie Anne Garrison**; Biochemistry, Cellular and Molecular Biology. *The Genomic and Transcriptomic Landscape of Retrotransposition in Primary Prostate Cancer.*

**Ariel Gershman**; Biochemistry, Cellular and Molecular Biology. *The Long and Short of It: Genome Assembly and Epigenetics with Third-Generation Sequencing.*\*\*

\*= Degree Conferred 8/26/22 \*\*= Degree Conferred 12/30/22

**DOCTORS OF PHILOSOPHY***with title of dissertation*

**Eduardo Gonzalez;** Biomedical Engineering. *Ultrasound and Photoacoustic Techniques for Surgical Guidance Inside and Around the Spine.\*\**

**Molly Rae Gordon;** Biochemistry, Cellular and Molecular Biology. *A Quantitative Screen of Yeast Chromosome Instability Mutants and Suppression of Instability by Targeting a DNA Helicase.\**

**Wendy Elizabeth Grant-McAuley;** Cellular and Molecular Medicine. *Early Viral Suppression and the Antibody Response to HIV Infection in HPTN 071 (PopART).*

**Selena Marie Guerrero-Martin;** Cellular and Molecular Medicine. *Reduction of Psychosocial Stress and Improvement of Welfare as Refinements for Macaque Models of HIV Pathogenesis.*

**Chenxu Guo;** Biological Chemistry. *The Biology and Engineering of Exosomes and SARS-COV-2 Spike.*

**Yueqi Guo;** Biomedical Engineering. *Functional Organizations in the Auditory Cortex of the Common Marmoset Investigated by Optical Imaging Methods.\*\**

**Sara Haile;** Biochemistry, Cellular and Molecular Biology. *Biochemical Studies of the SAGA Histone Acetyltransferase Module.\**

**Natalie Rose Hamilton;** Neuroscience. *Investigating the Development of Retinal Direction-Selective Circuits.\*\**

**Emily Han;** Neuroscience. *Investigating of Homeostatic and Circadian Regulation of Sleep in *Drosophila melanogaster*.*

**Andrew Joseph Haughin-Scasny;** Neuroscience. *Investigating the Molecular Mechanisms Behind On-Down Direction-Selective Ganglion Cell Circuit Development.\*\**

**Robert Nathaniel Hawthorne;** Biomedical Engineering. *The Pathophysiological Role of Desmoglein-2 in a Stem Cell Model of Arrhythmogenic Right Ventricular Cardiomyopathy.*

**Brian Thomas Herbst;** Cellular and Molecular Medicine. *Blockade of CXCR2 Overcomes Neutrophil-Mediated Resistance to Combined Anti-PD-1 and MEK 1/2 Inhibition in Murine Pancreatic Ductal Adenocarcinoma.*

**Jared Thomas Hinkle;** Neuroscience. *STING Mediates Neurodegeneration and Neuroinflammation in Nigrostriatal  $\alpha$ -Synucleinopathy.*

**Hamed Hooshangnejad;** Biomedical Engineering. *Precision Medicine for Application of Hydrogel Spacer in Image-Guided Radiation Therapy.*

**Ariel Yosef Isser;** Biomedical Engineering. *Targeting CD4 T Cells with Nanotechnology for Enhanced Cancer Immunotherapy.\**

**Ana Jenike;** Pathobiology. *Works and Methods on miRNA Localization and Evolution.*

**Aanishaa Jhaldiyal;** Cellular and Molecular Physiology. *Investigating the Role of Poly (ADP) Ribose Polymerase-1 in Alzheimer's Disease and Frontotemporal Dementia.*

**Wen Jiang;** Biomedical Engineering. *Biological Effects of Alpha Particle Irradiation and Combination Therapies on Prostate Cancer Cells.\*\**

**Melanie Lynn Johnston;** Biochemistry, Cellular and Molecular Biology. *Toward Understanding the Alternative Activities and Donor-Dependent Mechanistic Control of Bacterial DXP Synthase.\*\**

**Carli Baker Jones;** Pathobiology. *The Interplay Between Radiation and the Gastrointestinal Microbiome in Health and Disease.\*\**

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**DOCTORS OF PHILOSOPHY***with title of dissertation*

**Anya Therese Joynt;** Human Genetics. *Investigation of Precision Therapies for Splice Variants.\*\**

**Suraj Kannan;** Biomedical Engineering. *Gene Dynamics of Maturation in Endogenous and Pluripotent Stem Cell-Derived Cardiomyocytes.*

**Kayarash Karimian;** Biochemistry, Cellular and Molecular Biology. *Telomere Profiling Provides a High Resolution Method to Probe Telomere Length and Telomerase Activity.\*\**

**Joshua Tyler Kufera;** Pharmacology and Molecular Sciences. *The Effects of HIV-1 Infection, Viral Particle Production, and Proviral Integration Site on CD4+ T Cell Proliferation.\*\**

**Mithra Rajalakshmi Kumar;** Pharmacology and Molecular Sciences. *Quantitative and Qualitative Characterization of the Latent Reservoir in People Living with HIV-1 and Non-Human Primates Infected with Simian-Human Immunodeficiency Virus (SHIV).\*\**

**Grant Forrest Kusick;** Biochemistry, Cellular and Molecular Biology. *Transient Docking of Synaptic Vesicles.*

**Malgorzata Joanna Latallo;** Program in Molecular Biophysics. *Single-Molecule Investigation of Repetitive RNA and Repeat Associated Non-AUG Translation in C9ORF72 ALS/FTD.*

**Jong Hoon Lee;** Biomedical Engineering. *Neural Coding of Conspecific Vocalizations in Auditory Cortex of Common Marmosets.\**

**Yinan Liu;** Pharmacology and Molecular Sciences. *Functions of RNA Binding Proteins Within the Mechanoresponsive Network.\*\**

**Nathan Livingston;** Biochemistry, Cellular and Molecular Biology. *Single Molecule Studies of Translation in Living Cells.*

**Catherine Llera Martin;** Functional Anatomy and Evolution. *Age and Additive Genetic Effects on Cross-Sectional Morphology in Primates.*

**Jose Pablo Llongueras;** Cellular and Molecular Medicine. *Ion Channels and their Auxiliary Subunits: Form, Function, and Dysfunction.*

**Gina Marie LoMastro;** Cellular and Molecular Medicine. *PLK4 Drives Centriole Amplification and Apical Surface Area Expansion in Multiciliated Cells.\*\**

**Justin Isaac Lowenthal;** Biomedical Engineering. *Manipulating Signaling in Stem Cell-Based Engineered Models of Cardiac Development and Disease.*

**Steve L. Lu;** Cellular and Molecular Medicine. *SLISY: A Rapid Approach for the Identification of Highly Specific Antibodies to Emerging Viral Pathogens and their Evolving Variants.*

**David Raymond Maestas, Jr.;** Biomedical Engineering. *The Development of Type 2 Immune Agonists as Pro-Regenerative Immunotherapies.\*\**

**Christopher Ryan Mahone;** Biological Chemistry. *FZLA-Regulated Activation of Cytokinetic Peptidoglycan Synthases Ensures Proper Coordination of Chromosome Segregation with Constriction.\**

**Emily Faith Marcisak;** Human Genetics. *Leveraging Single-Cell Genomics to Uncover Clinical and Preclinical Responses to Cancer Immunotherapy.\**

**Olumide Adeniji Martins;** Pharmacology and Molecular Sciences. *Evaluating the Therapeutic Potential of Bedaquiline for Mycobacterium Abscessus Lung Disease.\**

**Austin K. Mattox;** Cellular and Molecular Medicine. *The Origins of Cell Free DNA and its Application to Liquid Biopsies for the Earlier Detection of Cancer.*

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**DOCTORS OF PHILOSOPHY***with title of dissertation*

**Effrosyni Mavroudi;** Biomedical Engineering. *Looking Into Actors, Objects and Their Interactions for Video Understanding.*

**Joshua William McCausland;** Biochemistry, Cellular and Molecular Biology. *Treadmilling FtsZ Polymers Guide the Local Distribution of Escherichia coli Cell Wall Synthases.\*\**

**Jamie Edward Medina;** Cellular and Molecular Medicine. *Liquid Biopsy Approaches for Cancer Detection.\*\**

**Allatah Xolisa Mekile;** Biochemistry, Cellular and Molecular Biology. *Novel Insights into the Role of Endosomal PH Regulator NHE6 from Astrocytes to Adipocytes.\**

**Ljubica Mihaljevic;** Biochemistry, Cellular and Molecular Biology. *Lipid Modulation of Proton-Activated Chloride (PAC) Channel.*

**Marisa Mitchell-Flack;** Immunology. *The Role of the Ionotropic AMPA Receptor in CD4 T Cell Function.*

**Gian Carlo Molina-Castro;** Neuroscience. *Oligodendrocyte Degeneration and Regeneration Dynamics in the Mouse Cerebral Cortex.*

**Eric Parker Mosher;** Pharmacology and Molecular Sciences. *Impact of Interindividual Differences on Muscle-Type Creatine Kinase: Implications for Tenofovir-Based PrEP.\*\**

**Kathleen Renee Mulka;** Pathobiology. *Macrophages and Microglia: Targets and Immune Responders in Viral Infection.*

**Kayla Myers;** Pharmacology and Molecular Sciences. *Targeting MerTK-Mediated Efferocytosis by Macrophages in Prostate Cancer.\**

**Ho Namkung;** Biomedical Engineering. *Dimensional Approach-Driven Investigation of Brain Function and Behavior in Health and Disease.\*\**

**Sara Nathan;** Cellular and Molecular Medicine. *NEDD4L Modulates Na<sup>+</sup> Currents: Mechanism and Targeted Degradation.\**

**Bernat Navarro Serer;** Cellular and Molecular Medicine. *Interrogating the Role of Molecular Alterations and the Tumor Microenvironment on Pancreatic Ductal Adenocarcinoma Invasion in a Three-Dimensional Human Organoid Model.\*\**

**Hieu Trung Nguyen;** Biomedical Engineering. *Survival Analysis Using Machine Learning for Longitudinal, Multimodal, and High-Dimensional Data for Applications in Cardiology.*

**Ly Thi Sao Nguyen;** Biochemistry, Cellular and Molecular Biology. *An Unusual Suspect in Cytokinesis, Discoidin I, Helps Assemble the Contractile Machinery in the Cytoplasm and Implications of This System in Cancer.*

**Thomas Robert Nirschl;** Pathobiology. *Evaluation of Tumor Associated Macrophages for Actionable Therapeutic Targets.*

**Pola Olczak;** Pathobiology. *Development of Preventive Vaccines Targeting Alpha and Beta Human Papillomaviruses for Cancer Prevention.\**

**Simon Peter Orozco;** Biomedical Engineering. *Cross-Axis Saccade Adaptation in Humans and Marmosets: Behavior and Neurophysiology.*

**Alexis Noelli Peña;** Biomedical Engineering. *Immunological Characterization of Clinical Reconstructive Approaches.*

**Amy Fukumoto Peterson;** Biochemistry, Cellular and Molecular Biology. *Systematic Analysis of the MAPK Signaling Network Reveals MAP3K Driven Control of Cell Fate.*

**Stephanie Caroline Pitts;** Cellular and Molecular Medicine. *Identification of an E3 Ligase Regulating the Catalytic Subunit of RNA Polymerase I.\**

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**DOCTORS OF PHILOSOPHY***with title of dissertation*

**Monali Prahara;** Pathobiology. *Targeting Glutamine Metabolism and CD47-SIRP Alpha Signaling Reprograms Immunosuppressive Tumor Associated Macrophages Resulting in Improved Anti-Tumor Immunity.*

**Roham Razaghi;** Biomedical Engineering. *Using Nanopore Sequencing to Interrogate the Genome and Epigenome.\*\**

**Jessica Dorothea Resnick;** Human Genetics. *Viral and Host Determinants of Influenza A and SARS-CoV-2 Virus Temperature Dependent Replication in Human Nasal Epithelial Cell Cultures.*

**Kimberly Elizabeth Rousseau;** Cellular and Molecular Medicine. *Examining Anti-Viral Immune Responses in Vaccination and Infection.\*\**

**Roksana Sadeghi;** Biomedical Engineering. *Developing a Methodology to Assess Visual Perception with the Intra-Cortical Visual Prosthesis.*

**Tessa Samira Seale;** Cellular and Molecular Medicine. *Determining the Mechanisms Behind Adaptive Resistance in FLT3/ITD AML.\*\**

**Srona Sengupta;** Immunology. *Understanding Antigen Processing of HIV-1 for Improved Vaccine Design and Cure Efforts.*

**Xiaoshan Melody Shao;** Biomedical Engineering. *High Throughput Computational Methods for Immunology: Precise Patient Stratification Based on Neoantigen Profile Analyses.*

**Samantha Lee Sholes;** Biochemistry, Cellular and Molecular Biology. *Probing the Regulation of Telomere Length Equilibrium with Nanopore Sequencing.\**

**Emma Dee Spikol;** Neuroscience. *Defining Connectivity with the Zebrafish Habenulo-Interpeduncular Neural Pathway.*

**Chia-Yi Su;** Biomedical Engineering. *Engineering Biomimetic Tumor Microenvironments with Controllable Stromal Topography for Studying Cancer Cell Dissemination.\*\**

**Emily Yuharn Su;** Biomedical Engineering. *Computational Tools to Explore Cell Identity Transitions with Application to Cell Fate Engineering.*

**Zhixiao Su;** Neuroscience. *Two Types of Locus Coeruleus Norepinephrine Neurons Drive Reinforcement Learning.*

**Selina Shiqing K. Teh;** Cellular and Molecular Medicine. *Cancer Specific Targeting by CRISPR/Cas9.\*\**

**Joseph Austin Varriale;** Pharmacology and Molecular Sciences. *Characterization of Autologous Antibody Neutralization in the HIV-1 Latent Reservoir.*

**Chirag Samir Vasavda;** Biochemistry, Cellular and Molecular Biology. *Heme Catabolism: Signaling Masquerading as Metabolism.*

**David Alexander Vinson;** Pharmacology and Molecular Sciences. *The Writing, Reading and Chromatin Signatures of Histone H3K23 on Mammalian Chromatin.\*\**

**Marah Wahbeh;** Human Genetics. *Modeling Schizophrenia Genetic Risk Variants in Induced Pluripotent Stem Cells and their Derivatives Using CRISPR/Cas9 and Transcriptome Profiling.*

**Xiaoxu Wang;** Immunology. *HIDE1 is a Novel Regulator of Obesity and Metabolism.*

**Yanbo Wang;** Biophysics and Biophysical Chemistry. *CRISPR/Cas9 Mechanism and its Application in Genome Imaging.*

**Yeh Wang;** Pathobiology. *Molecular Characterization of Ovarian Cancer Precursor Lesions.\**

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**DOCTORS OF PHILOSOPHY***with title of dissertation*

**Anna Weerasinghe;** History of Medicine. *Stuck Knowledge: Medicine and Immobility in Portuguese GOA, 1510-1759.*\*\*

**Kurt Weir;** Human Genetics. *Comparative Genomics of Photoreceptor Development.*\*

**Abigail Wheeler;** Pharmacology and Molecular Sciences. *Biotransformation of Efavirenz and Proteomic Analysis of P450 and UGT Enzymes in Mouse, Macaque, and Human Brain-Derived In Vitro Systems.*

**Bezawit Abi Woldemeskel;** Cellular and Molecular Medicine. *Cellular Immune Responses to Endemic Coronaviruses, SARS-COV-2 and COVID-19 mRNA Vaccinations.*\*

**Fengting Wu;** Cellular and Molecular Medicine. *Provirus in Self-Reactive CD4+ T Cells Contribute to Persistent Residual Nonsuppressible HIV-1 Viremia.*

**Tony Tsung Ling Wu;** Biomedical Engineering. *Development of Novel Dendrimer-Biologics Conjugates for Cell-Targeted Treatment of Neurodegenerative and Ocular Diseases.*\*\*

**Wang Xi;** Biomedical Engineering. *Probabilistic Modeling of Chromatin Interactions.*\*\*

**Christopher Shimohara Yang;** Neuroscience. *De Novo Learning of Motor Skills.*\*

**Christine Youn;** Cellular and Molecular Medicine. *Neutrophil-Intrinsic TNF Receptor Signaling Orchestrates Host Defense Against Staphylococcus aureus.*

**Remy A. Yovanno;** Program in Molecular Biophysics. *Communication in Biological Macromolecules Through the Lens of Molecular Dynamics Simulations.*

**Xiaoxuan Zhang;** Biomedical Engineering. *Improved Intraoperative Imaging, Registration and Guidance for Neurosurgery.*

**Roger Shu-Hong Zou;** Biomedical Engineering. *CRISPR Technologies for Genome Editing, DNA Repair Studies, and Nucleic Acid Detection.*

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**GRADUATE STUDENT OATH**

As I embark on my career as a scientist, I willingly pledge that:

I will practice and support a scientific process that is based on logic, intellectual rigor, personal integrity, and an uncompromising respect for truth;

I will perform my professional activities and interactions with scientific integrity and respect for the field and my peers;

I will acknowledge my role as an ambassador of science to the public, and strive to be honest, respectful, and unbiased with engaging the public;

I will value my work and its contribution to the scientific community;

I will never let the potential for personal recognition or advancement cause me to act in a way that violates the public trust in science or in me as a scientist;

I will foster a community that is inclusive of all and recognize that diversity cultivates innovation, creativity, and progress;

I will acknowledge and honor the contributions of scientists who have preceded me and become a worthy role model deserving of respect by those who follow me;

And I will always be cognizant that my work is for the advancement of knowledge and the benefit of all humanity.

By pronouncing this Oath, I declare my commitment to these professional standards and goals.



## DOCTORS OF MEDICINE

Elisabeth Belman Abeles  
 Mya K. Abousy  
 Rishav Raj Adhikari  
 Lydia Adnane  
 Ugochi Tiffany Aguwa  
 Danayt Alem  
 Hosam Hani Alkhatib  
 Sean Alexander Allgood  
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 Christine Atik  
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 Bradley Joseph Beatson  
 Faraah Nasser Bekheet  
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 Kevin Mani Biju  
 Alexander Joseph Blum  
 Francesca Jaffee Brancati  
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 Joshua David Cohen  
 Daisy Dai  
 Suraj Avinash Dhanjani

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 Ahmed Farhan  
 Maria Saleem Fazal  
 Ruiyi Gao  
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 Macy Lauren Early Gatti  
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 Sarah Greene Gensheimer  
 Anna J. Gong  
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 Scar Guizhi Guo  
 Harshath Gupta  
 Robert Nathaniel Hawthorne  
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 Jared Thomas Hinkle  
 Phillip James Huffman  
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 Bethany Krista Hung  
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 Meghana Jami  
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## DOCTORS OF MEDICINE

Adrian Ernesto Jimenez  
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 Natalie Marie Marrero  
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 Matthew Thomas McGoldrick II  
 Kelsey Rose Melinosky  
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 Harrison Naung  
 Richard Patrick Ng, Jr.

Nneoma Emma-Harte Okonkwo  
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 Palak Parag Patel  
 Austin David Peer  
 Richard Nicholas Pellegrino  
 Sarah Frey Pisano  
 Aleksandra Popovic  
 Caroline Xu Qin  
 Matthew Jacob Rabinowitz  
 Maureen Louise Rakovec  
 Shivani Rangaswamy  
 Sarah Frances Rapaport  
 Oluseye Ibukun Raymond  
 Carolyn Jennifer Reuland  
 Carla Patricia Rodriguez  
 Julian Troy Rowe  
 Armaan Ahmed Rowther  
 Rumsha Salman  
 Srona Sengupta  
 Priya Kaur Singh  
 Rohanit Singh  
 Sajya Martineau Singh  
 Christopher Injoon Song

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Rachel Johanna Strodel

Ainsley Lorraine Taylor

Chanon Thanitcul

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Rohan Verma

Sara Wallam

Richard C. Wang

Grant Alexander Wilson

Grace Xiao

Amy Li Xu

Yilin Yang

Ruoxi Yu

Andrew Darren Zale

Shu Zhang

Ashley Zhou

Caroline Maria Zimmermann

Roger Shu-Hong Zou

Insia Zufer

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## THE OATH OF HIPPOCRATES

I do solemnly swear...  
by that which I hold most sacred...  
That I will be fully committed to those I serve...  
and just and loyal to the profession of medicine and its members...  
That I will lead my life...  
and practice my art...  
in uprightness and honor...  
That into whatsoever house I shall enter...  
it shall be for the good of the sick...  
to the utmost of my power...  
holding myself aloof from wrong...  
from corruption...  
and from the tempting of others to vice...  
That I will exercise my art...  
solely for the care of my patients...  
and will give no drug...  
and perform no operation...  
without justifiable purpose...  
nor ever suggest it...  
That whatsoever I shall see or hear...  
of the lives of men and women...  
which is not fitting to be spoken...  
I will keep inviolably secret...  
These things I do promise...  
and in proportion as I am faithful to this my oath...  
may happiness and good repute be ever mine...  
the opposite if I shall be forsworn.



## MEDAL OF THE FRANCES WATT BAKER, M.D. AND LENOX D. BAKER, JR., M.D. DEANSHIP



### JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE

In 1997 Dr. Edward D. Miller commissioned sculptor Neil Estern to create a medal commemorating the endowment of the Baker deanship. The medal was struck in bronze. Design of its obverse is based on John Singer Sargent's group portrait of four major figures associated with the founding of the School of Medicine – William H. Welch, William Osler, Howard A. Kelly, and William S. Halsted. Silversmith Henry P. Hopkins, III designed and produced the chain of the medal which incorporates silver medallions inscribed with names of each individual who has served as Dean of the Medical Faculty. Included are blank medallions which will be inscribed with the name of each successive dean in years to come. The medal is worn by the dean on ceremonial occasions. When not in use, the medal is on display in the Office of the Dean.

- |  |  |
|--|--|
| <b>William H. Welch</b><br><i>1893 - 1898</i>      | <b>Russell H. Morgan</b><br><i>1971 - 1975</i>                       |
| <b>William Osler</b><br><i>1898 - 1899</i>         | <b>Richard S. Ross</b><br><i>1975 - 1990</i>                         |
| <b>William H. Howell</b><br><i>1899 - 1911</i>     | <b>Michael E. Johns</b><br><i>1990 - 1996</i>                        |
| <b>J. Whitridge Williams</b><br><i>1911 - 1923</i> | <b>Edward D. Miller</b><br><i>Interim Dean</i><br><i>1996 - 1997</i> |
| <b>Lewis H. Weed</b><br><i>1923 - 1929</i>         | <b>Edward D. Miller</b><br><i>1997 - 2012</i>                        |
| <b>Alan M. Chesney</b><br><i>1929 - 1953</i>       | <b>Paul B. Rothman</b><br><i>2012 - 2022</i>                         |
| <b>Philip Bard</b><br><i>1953 - 1957</i>           | <b>Theodore L. DeWeese</b><br><i>Interim Dean</i><br><i>2022 -</i>   |
| <b>Thomas B. Turner</b><br><i>1957 - 1968</i>      |  |
| <b>David E. Rogers</b><br><i>1968 - 1971</i>       |  |









JOHNS HOPKINS  
SCHOOL *of* MEDICINE

FRONT COVER:  
JULIA LERNER, CLASS OF 2017  
M.A., MEDICAL AND BIOLOGICAL ILLUSTRATION  
DEPARTMENT OF ART AS APPLIED TO MEDICINE