



EINSTEIN GRADUATE PROGRAMS
IN THE BIOMEDICAL SCIENCES

BELFER INSTITUTE FOR ADVANCED
BIOMEDICAL STUDIES

SIXTY-FOURTH

COMMENCEMENT EXERCISES

WEDNESDAY, MAY 25, 2022

STERN AUDITORIUM/PERELMAN STAGE
CARNEGIE HALL

NEW YORK, NY

ORDER OF PROCEEDINGS

OPENING OF SIXTY-FOURTH COMMENCEMENT PROCEEDINGS

Dr. Amanda C. Raff '98
Grand Marshal

NATIONAL ANTHEM

INVOCATION

Rabbi Shimmy Steinmetz
Albert Einstein Synagogue

OPENING ADDRESS

Dr. Philip O. Ozuah
President and Chief Executive Officer
Montefiore Medicine

WELCOME REMARKS

Rabbi Dr. Ari Berman
President
Yeshiva University

GREETINGS FROM THE CLASS OF '72

Dr. Janina R. Galler '72

WELCOME AND PRESENTATION OF ALUMNI AWARDS

Dr. Gordon F. Tomaselli '82
The Marilyn & Stanley M. Katz Dean
Albert Einstein College of Medicine

*Dominick P. Purpura Distinguished
Alumna Award*

Dr. Anne E. Goldfeld '81

Distinguished Ph.D. Alumna Award

Dr. Ruth J. Muschel '78

*Distinguished Alumna/Clinical
Practitioner Award*

Dr. Nereida C. Correa '85

Lifetime Achievement Award

Dr. Jerry A. Winkelstein '65

Lifetime Service Award

Dr. Janina R. Galler '72

Einstein Honorary Alumnus Award

Dr. E. John Gallagher

Rising Star—Clinical Practitioner Award

Dr. Adam J. Friedman '06

Rising Star—Scientific

Investigator Award

Dr. Dionna W. Williams '14

INTRODUCTION OF KEYNOTE SPEAKER

Dr. Gordon F. Tomaselli '82
The Marilyn & Stanley M. Katz Dean
Albert Einstein College of Medicine

KEYNOTE ADDRESS

Dr. Mary T. Bassett
Health Commissioner
New York State Department of Health

PRESENTATION OF FACULTY AWARDS

Dr. Joshua D. Nosanchuk
Senior Associate Dean
for Medical Education
Albert Einstein College of Medicine

*Samuel M. Rosen Award for Outstanding
Teaching (Pre-Clerkship)*

Dr. Adi Pinkas

*Samuel M. Rosen Award for Outstanding
Teaching (Clinical)*

Dr. Anna Liveris '13

*Harry Eagle Award for Outstanding
Pre-Clerkship Teaching*

Dr. Carol A. Derby

*Harry H. Gordon Award for Outstanding
Clinical Teaching*

Dr. Gabriella C. Azzarone

*Lifetime Achievement Award for
Excellence in Teaching*

Dr. Nadine T. Katz '87

*LaDonne H. Schulman Award for
Excellence in Teaching*

Dr. Teresa V. Bowman

*Saul R. Korey Award in Translational
Science and Medicine*

Dr. Nikolaos G. Frangogiannis

INTRODUCTION OF DOCTOR OF PHILOSOPHY CANDIDATES OF THE EINSTEIN GRADUATE PROGRAMS IN THE BIOMEDICAL SCIENCES

Dr. Gordon F. Tomaselli '82
The Marilyn & Stanley M. Katz Dean
Albert Einstein College of Medicine

OATH OF SCIENTISTS

Dr. Joan W. Berman
Irving D. Karpas Chair in Medicine
Senior Academic Advisor to the Sue Golding
Graduate Division

PRESENTATION OF DOCTOR OF PHILOSOPHY CANDIDATES

Dr. Victoria H. Freedman
Associate Dean for Graduate Programs
in Biomedical Sciences

DECLARATION OF GENEVA

Dr. Amanda C. Raff '98
Grand Marshal

INTRODUCTION OF DOCTOR OF MEDICINE CANDIDATES

Dr. Joshua D. Nosanchuk
Senior Associate Dean for Medical Education
Albert Einstein College of Medicine

PRESENTATION OF DOCTOR OF MEDICINE CANDIDATES

Dr. Stephen G. Baum
Senior Advisor for Student Affairs

Dr. Allison B. Ludwig '04
Associate Dean for Student Affairs

Dr. Mimoza Meholfi
Assistant Dean for Student Affairs

CLOSING OF SIXTY-FOURTH COMMENCEMENT PROCEEDINGS

Dr. Amanda C. Raff '98
Grand Marshal

CANDIDATES FOR DEGREES AND DIPLOMAS

EINSTEIN GRADUATE PROGRAMS IN THE BIOMEDICAL SCIENCES

Doctor of Philosophy

as of September 30, 2021

Helen M. Belalcazar

B.S., Universidad Nacional de Colombia, Colombia
M.S., Albert Einstein College of Medicine

From the Nucleus to the Synapse: The Role of KDM5 in Drosophila Neuromuscular Junction Structure and Function

Adam D. Hudgins

B.S., M.S., CUNY-City College of New York
M.S., Albert Einstein College of Medicine

Post-GWAS Functional Genomics Analysis of Alzheimer's Disease Risk Loci

Yves-Robert Juste

B.A., University of Maryland-College Park
M.S., Albert Einstein College of Medicine

Reciprocal Regulation of Chaperone-Mediated Autophagy and the Circadian Clock

Pablo Josué Lituma

B.S., SUNY-Stony Brook
M.S., Long Island University
M.S., Albert Einstein College of Medicine

Mechanisms of Information Transfer and Storage in the Mammalian Hippocampus

Benjamin Michael Lorton

B.S., University of California-Davis
M.S., Albert Einstein College of Medicine

Consequences of Post-Translational Modifications on Chromatin Associated Proteins

Stefano Lutz

B.S., M.S., University of Cagliari, Italy
M.S., Albert Einstein College of Medicine

Novel Cellular and Synaptic Mechanisms Implicated at the Hippocampal Mossy Fiber System

Maisha Rahman

B.A., Columbia University
M.S., Albert Einstein College of Medicine

The Roles of Glycoproteins in Dendrite Development

Doctor of Philosophy

as of January 31, 2022

Maria Aivalioti

B.S., M.S., University of Patras, Greece
M.S., Albert Einstein College of Medicine

PU.1-Dependent Enhancer Inhibition Separates Clonal Hematopoiesis from Malignant Transformation

Vanessa Maria Almonte

B.A., Queens College
M.S., Albert Einstein College of Medicine

Inhibition of Colony Stimulating Factor 1 Receptor in Graft Vascular Disease

Michelle Wen Huang

B.S., University of California-Davis
M.S., Albert Einstein College of Medicine

The Molecular Pathogenesis of Neuropsychiatric Lupus: Potential Mechanisms and Therapeutic Targets

Joanna Ela Krzyśpiak

B.S., M.E., Cornell University
M.S., Albert Einstein College of Medicine

Determining the Critical Donor-Cell Parameters for Optimal Cortical Regeneration

Mirjana Marie Persaud

B.A., CUNY-Hunter College
M.S., Albert Einstein College of Medicine

Host Factors Involved in ZIKV and HIV-1 Infection

Zuen Ren

M.B.B.S., Changsha Medical University, China
M.D., Capital Medical University, China
M.S., Albert Einstein College of Medicine

Redox Signaling by GPx2 Dysregulation Links Vascular Modulation to Metabolic Plasticity and EMT in Breast Cancer Metastasis

Lijie Shi

B.S., Henan Normal University, China
M.S., Shandong University, China
M.S., Albert Einstein College of Medicine

The Roles of CRK and CRKL Genes in Mouse Cardiovascular Development

Doctor of Philosophy

as of May 25, 2022

Kelin Moran Brace+

B.S., University of Maryland-Baltimore
M.S., Albert Einstein College of Medicine

Human Auditory System Maintains Neural Representations of Sound Regardless of Explicit Knowledge or Task Demands

Abigail Uriarte Carbonell+

B.S., University of Central Florida
M.S., Albert Einstein College of Medicine

Novel Roles for ANKS1B in the Pathogenesis of Neurodevelopmental Disorders

CANDIDATES FOR DEGREES AND DIPLOMAS

Samuel Casey Eisenberg+

B.S., Worcester Polytechnic Institute
M.S., Albert Einstein College of Medicine

Regulation of Cell Adhesion and Invasion by the Microtubule Motor Kif19

Jamie Moore Fried+

B.A., Cornell University
M.S., Albert Einstein College of Medicine

Dissecting the Mechanisms Governing the Functional Dynamics of Plasmacytoid Dendritic Cell Activation in Malaria Infected Mice Using Intravital Microscopy

Elise Hisako Ishida

B.S., University of Massachusetts-Amherst
M.S., Albert Einstein College of Medicine

Antibodies Associated with Control of Mycobacterium tuberculosis Infection

Peter John+

B.S., SUNY-Stony Brook
M.S., Albert Einstein College of Medicine

The Immune Checkpoint B7x Promotes the Induction of Regulatory T Cells in the Tumor Microenvironment and Mediates Resistance to Immunotherapy

Sinan Sanih Khor+

B.A., Rutgers University-New Brunswick
M.S., Albert Einstein College of Medicine

Deciphering the Role of Neural Innate Immune Signaling in Aging and Neurodegenerative Disease in Drosophila

Maryl Morgan Lambros

B.S., Washington University in St. Louis
M.S., Albert Einstein College of Medicine

On the Evolution of Emergent Properties

Rosiris León Rivera+

B.S., University of Puerto Rico-Rio Piedras
M.S., Albert Einstein College of Medicine

Mechanisms of CNS Viral Reservoir Formation and Reseeding by HIV+ Mature Monocytes: Potential Therapies for NeuroAIDS in the ART-Era

Yu Liu

B.S., Fudan University, China
M.S., Albert Einstein College of Medicine

A SOX9-B7x Axis Safeguards Dedifferentiated Cells from Immune Surveillance to Drive Breast Cancer Progression

Joshua Alexander Mayoral+

B.S., Northern Arizona University
M.S., Albert Einstein College of Medicine

A Diverse Toolkit: Studies on Secreted Proteins from the Parasite Toxoplasma gondii

Kristin Josephine Mayoral-Palarz+

B.A., Northwestern University
M.S., Albert Einstein College of Medicine

Cerebellar Purkinje Cells as a Contributor to, and Therapeutic Target of, Spinocerebellar Ataxia Type 3

Dippal H. Parikh

B.S., Dr. D. Y. Patil Institute for Biotechnology and Bioinformatics, India
M.S., University of Illinois-Chicago

M.S., Albert Einstein College of Medicine
Characterization of Allograft Inflammatory Factor-1-Like (AIF1L) in Diet-Induced Obesity

Richard T. Piszczatowski+

B.S., CUNY-John Jay College of Criminal Justice
M.S., Albert Einstein College of Medicine

An Orthogonal Approach to Cell Characterization and Isolation

José Quiroz+

B.S., University of Arizona
M.S., Albert Einstein College of Medicine

Human and Bispecific Antibodies Against Chikungunya Virus

Adam Zoltan Spitz+

B.S., Indiana University-Bloomington
M.S., Albert Einstein College of Medicine

Identification and Characterization of an FDA-Approved Small Molecule Inhibitor of Pro-Apoptotic BAX

Hao Wang

B.S., Huazhong Agricultural University, China
M.S., University of Chinese Academy of Sciences, China
M.S., Albert Einstein College of Medicine

The Immune Receptor TMIGD2 Is an Orchestrator and Therapeutic Target on Human Acute Myeloid Leukemia Stem Cells

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Joshua Toby Weinreb⁺
B.S., University of California-Los Angeles
M.S., Albert Einstein College of Medicine
Uncovering the Roles of DDX41 in Hematopoiesis

Justin Chyles Wheat⁺
B.S., Boston College
M.S., Albert Einstein College of Medicine
Single Molecule Studies of the PU.1-Gata1/2 Network in Hematopoiesis

Ariel Susan Wirchnianski
B.S., Mount St. Mary University
M.S., Albert Einstein College of Medicine
Broadening Therapeutic Antibodies Against Filoviruses Through Bispecific Engineering

Stad Harken Zeigler
B.S., South Dakota State University
M.S., Albert Einstein College of Medicine
Development of Peptide Major Histocompatibility Complex Scaffolds as Prognostic and Therapeutic Tools

ALBERT EINSTEIN COLLEGE OF MEDICINE

Doctor of Medicine *as of May 25, 2022*

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Ph.D., University of Iowa

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M.S., Yeshiva University

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M.S., Yeshiva University

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B.S., Boston College

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M.S., Yeshiva University

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D.D.S., Columbia University

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B.S., CUNY-John Jay College of Criminal Justice
M.S., Yeshiva University

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B.S., Excelsior College
M.S., Johns Hopkins University

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B.A., Columbia University

William Zachary Prebel
B.S., University of Rochester

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B.S., CUNY-Brooklyn College
M.S., Yeshiva University

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B.S., University of Arizona
M.S., Yeshiva University

Sadiq Rahman
B.S., M.S., CUNY-City College of New York

Rachel E. Reingold
B.S., Trinity College

Hely J. Rodriguez
B.A., SUNY-Geneseo

Jenny Lu Rotblat
B.A., University of Pennsylvania

Sneha Saha
B.S., Johns Hopkins University

Miriam Salamon
B.S., Touro College

Rachael E. Sample
B.F.A., Bowling Green State University

Joshua Sapadin
B.A., University of Pennsylvania

Bryn H. S. Seltzer
B.A., Barnard College
M.S., Tufts University

Alec Sinatro
B.A., Johns Hopkins University
M.S., Boston University

Taneisha Renae Sinclair
B.S., University of Rochester

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B.S., Stetson University

April Rose Sosa
B.S., George Washington University
M.S., Rutgers University

Adam Zoltan Spitz⁺
B.S., Indiana University-Bloomington
M.S., Yeshiva University

Maximilian C. Stahl
B.A., University of California-Berkeley

Yael Steinberg
A.A., B.A., Yeshiva University

Matthew J. Tam
B.A., Johns Hopkins University

Joyce Tang
B.A., Barnard College

David Joel Taveras
B.A., Cornell University-Endowed Colleges

Nicolai Alexandre Aquino Tayco
B.S., SUNY-Stony Brook

Joseph Tharakan
B.A., University of Pennsylvania

Meng Maxine Tong
B.S., Cornell University-Endowed Colleges

Brittany A. Trompetto
B.S., University of California-Los Angeles

Emilee Hong Tu
B.A., Princeton University

Nicole Turturro^{*}
B.S., CUNY-Brooklyn College

Elif Ugur
B.S., CUNY-Brooklyn College

Thammatat Vorawandthanachai
B.A., Washington University

Andrew R. Wang
B.S., University of Southern California

Jessica Theresa Ward
B.S., United States Coast Guard Academy

Monica Elizabeth Wassel
B.S., Cornell University-Endowed Colleges

Joshua Weinreb⁺
B.S., University of California-Los Angeles
M.S., Yeshiva University

Justin Chyles Wheat⁺
B.A., Boston College
M.S., Yeshiva University

Sara L. Wiener
A.A., B.A., Yeshiva University

Aaron Bo-Yu Wong
B.A., Rice University

Brian Wu
B.S., Northeastern University

Elisabeth S. Yan
B.S., Wheaton College

CANDIDATES FOR DEGREES AND DIPLOMAS

CANDIDATES FOR DEGREES AND DIPLOMAS

Kelly Guanhua Yang
B.S., Cornell University-Endowed
Colleges

Xiuyi Alexander Yang
B.S., M.S., University of Connecticut

Shira Hannah Yellin
B.A., M.A., Case Western Reserve
University

Kaleena Xinyan Zhang
B.A., Washington University

Denzel Zhu
B.S., Rutgers University

Shaoyu Zhu
B.S., Rice University

**Master of Science
in Clinical Research Methods
(CRTP)**
as of May 27, 2022

Ana Acuna-Villaorduna
M.D., Universidad Peruana Cayetano
Heredia, Lima, Peru
*Survival Analysis of Patients with
Early and Standard Onset
Colorectal Cancer: A Single
Center Study*

James Brogan
M.D./M.S. Track, Albert Einstein
College of Medicine
*Applying Long Short-Term Memory to
Predict the Onset of Worsening Organ
Function in Hospitalized Patients Using
Time-Series Data from Electronic
Health Records*

Krystal Cleven
M.D., State University of New York
Downstate Medical Center
*Risk Factors for COVID-19 in the
Retired FDNY WTC-Exposed Cohort*

Ruby Greywoode
M.D., George Washington School of
Medicine and Health Science
*National Prevalence of Psychological
Distress and Use of Mental Healthcare
in Inflammatory Bowel Disease*

Michael Kiyatkin
M.D., University of Pittsburgh School
of Medicine
*Development and Validation of a
Novel Machine Learning-Derived
Preoperative Prediction Tool for Post-
Operative Respiratory Failure*

Angela Lombardi
Ph.D., University of Salento,
Lecce, Italy
*In-Hospital Hyperglycemia Is
Associated with Worse Outcomes in
Patients Hospitalized with COVID-19*

Carlo Lutz
M.D., Icahn School of Medicine Mount
Sinai, New York, NY
*ASTHMAXcel ED: An Easily Adopted
Mobile Platform to Improve Clinical
Outcomes After Emergency
Department Discharge*

Kevin McKenna
M.D., Albert Einstein College
of Medicine
*Children with Special Health Care
Needs & Social Needs: Investigating
Outcomes to Drive Health System
Improvements*

Adriana Perez
M.D., Charles University, Prague,
Czech Republic
*Liver Involvement in Children with
SARS-CoV-2 Infection: Two Distinct
Clinical Phenotypes Caused by the
Same Virus*

Olga Reynbakh
M.D., Peoples' Friendship University
of Russia, Moscow, Russia
*Ablation of Atrial Fibrillation
Beyond Pulmonary Vein Isolation:
Do Additional Ablation Lesions
Impact Left Atrial Function?*

Rabail Sadiq
M.B.B.S., CMH Lahore Medical
College, University of Health
Sciences, Lahore, Punjab, Pakistan
*Racial-Ethnic Disparities in Diabetes
Self-Management Among Young
Adults with Type 1 Diabetes*

Katherine Tang
M.D., University of Massachusetts
Medical School, Worcester, MA
*Viral Etiology of Bronchiolitis
Is Associated with a Complex
Hospital Course*

Yuping Xie
M.D., Binzhou Medical University,
Shandong, China
*Association of Dietary Potassium
Intake with Abdominal Aortic
Calcification and Pulse Pressure in
U.S. Adults*

Kelly Yang
M.D./M.S. Track, Albert Einstein
College of Medicine
*Racial and Ethnic Disparities in
Childhood ADHD Treatment Access
and Utilization: Results from a
National Study*

Hyun Ah Yoon
M.D., Wake Forest School of
Medicine, Winston-Salem, NC
*Efficacy and Safety of COVID-19
Convalescent Plasma in
Hospitalized Patients: A
Randomized Clinical Trial*

**Master of Science
in Clinical Research Methods
(CRTP)**
as of September 30, 2022

David Flomenbaum
M.D./M.S. Track, Albert Einstein
College of Medicine
*Associations of Plant-Based Diets,
Macronutrient Balance, and Sodium
Intake with Pre-Heart Failure in the
Hispanic Community Health Study/
Study of Latinos*

**Master of Science
in Bioethics**
as of May 31, 2022

Yanica Andrade
*Racial Disparities in Maternal and
Infant Mortality*

Benjamin Foster
*The Utility of the Treatment-
Enhancement Paradigm in the
Study of Cognitive Modification*

Ariella Reiter
*Comparing Ethical Codices with
Regard to Transferring Embryos
with Known Disease*

Jessica A. Rosh, J.D.
*Medicine and Law: Partners
in Crimes Against Humanity,
Bioethics, Law, and the Holocaust*

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BELFER INSTITUTE FOR ADVANCED BIOMEDICAL STUDIES

Christian A. Adkisson, M.D.
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Department of Surgery

Imran Ahmad, Ph.D.
Research Fellow
Department of Developmental and
Molecular Biology

Linda Alex, Ph.D.
Research Fellow
Department of Medicine/Cardiology

Nitin P. Amdare, Ph.D.
Research Fellow
Department of Microbiology &
Immunology

Rachelle Babb, Ph.D.
Research Fellow
Department of Medicine/Infectious
Diseases

Zachary L. Benet, Ph.D.
Research Fellow
Department of Pathology

Hyae-Ran Byun, Ph.D.
Research Fellow
Department of Neuroscience

Laura Cervera Carles, Ph.D.
Research Fellow
Department of Developmental and
Molecular Biology

Bijun Chen, M.D., Ph.D.
Research Fellow
Department of Medicine/Cardiology

Wei Cheng, Ph.D.
Research Fellow
Department of Genetics

Stephanie Chrysanthou, Ph.D.
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ALUMNI AND FACULTY AWARDS 2022 AWARDEE BIOGRAPHIES

Dominick P. Purpura Distinguished Alumna Award Anne E. Goldfeld, M.D. '81

Dr. Anne Goldfeld's work in infectious diseases has had a significant global impact. A professor of medicine and of pediatrics at Harvard Medical School, she is also a senior investigator in the program of cellular and molecular medicine at Boston Children's Hospital, a professor of immunology and infectious diseases at the Harvard T. C. Chan School of Public Health, and a physician in the division of infectious diseases at Brigham and Women's Hospital in Boston. Her lab focuses on innate immune gene expression and on the identification of genes and immune mechanisms underlying susceptibility and resistance to lethal infections such as tuberculosis (TB) and human immunodeficiency virus (HIV) and, more recently, Ebola virus and SARS-CoV-2. After working in a Cambodian refugee camp on the Thai-Cambodian border, where she was at the origin of efforts to ban land mines, in 1994 she co-founded a nongovernmental organization, the Cambodian Health Committee (CHC), to address the lack of TB care in that war-torn country. With local CHC colleagues she pioneered an approach to community-based TB care and later initiated antiretroviral therapy (ART) for HIV infection, TB/HIV care, and therapy for drug-resistant TB (DR-TB) in the country. In tandem, her lab identified key immune mechanisms underlying the onset of TB and TB/HIV, and, with Cambodian and French colleagues, she showed that earlier ART in TB/HIV co-infection dramatically improves survival, changing World Health Organization recommendations. In 2008, she founded an international nonprofit in Africa, the Global Health Committee, which began a countrywide program for DR-TB treatment in Ethiopia, providing access for the poorest in the country. Dr. Goldfeld has received numerous honors, including the Dr. Jean Mayer Global Citizenship Award from Tufts University and the Eliasson Global Leadership Prize from the Tällberg Foundation. She received her B.A. from the University of California, Berkeley, earned her M.D. with distinction at Einstein, and completed internship and residency training in internal medicine and a fellowship in infectious diseases at the Massachusetts General Hospital.

Distinguished Ph.D. Alumna Award Ruth J. Muschel, M.D., Ph.D. '78

Dr. Ruth Muschel is currently emeritus professor of molecular pathology in the department of oncology at the University of Oxford in the United Kingdom, where she previously served as deputy director of the Oxford Institute of Radiation Oncology. Her research has focused on the processes of cancer metastasis and tumor response to therapy, including radiation therapy. She and her colleagues have examined

how metastasizing cancer cells interact with the vasculature, immune cells, and the extracellular matrix and have shown that interactions of metastatic cells with platelets in the bloodstream are critical for enabling metastasis. Her team has found that cancer cells can be sensitized to ionizing radiation by inhibiting RAS signaling, a process that involves alterations in tumor vasculature and tumor oxygenation. Dr. Muschel has held editorial positions on many publications, including as the editor of *Cancer Letters* from 1997 to 2006, and served on numerous boards and committees for professional associations in the field of cancer research. She has published hundreds of articles and has received multiple awards, including the John M. Yugas Award for Excellence in Radiobiology Research. Dr. Muschel has lectured extensively worldwide and has served as principal or co-principal investigator on numerous grants. After earning her B.A. with honors in biochemistry at Cornell University and her M.D. and Ph.D. at Einstein, Dr. Muschel completed her specialty training in anatomic pathology at Columbia University and the National Cancer Institute (NCI) in Bethesda, M.D.. She worked on staff at the NCI and then took an academic position at the University of Pennsylvania, where she advanced to the rank of professor, before moving to Oxford.

Distinguished Alumna/Clinical Practitioner Award Nereida C. Correa, M.D. '85, M.P.H.

Dr. Nereida "Nellie" Correa, associate professor of obstetrics & gynecology and women's health and of family and social medicine at Einstein, is known as a superb clinician and educator who focuses on health disparities, narrative medicine and culture, global health, and mentoring. She is a senior advisor to Einstein's Hispanic Center of Excellence, the first such center in New York State, and co-director of the Summer Undergraduate Mentorship Program. Currently the board chair of the National Hispanic Medical Association, Dr. Correa also has an active practice in the Bronx and is an attending physician at the North Central Bronx Hospital of the New York City Health and Hospitals Corporation. She has served on the Maternal Mortality Review Board of the New York City Department of Health and has been active in initiating a fetal and infant mortality review process in the Bronx. She teaches in the Patients, Doctors, and Communities course, required of third-year medical students, and has developed the section of the course on cultural competency and health disparities. Dr. Correa was the education core director of the Bronx Center to Reduce and Eliminate Ethnic and Racial Disparities in Health and took part in the development and publication of a monograph, *Teaching Cases Exploring Cross-Cultural Care*. She graduated from Bronx Community College and obtained her B.S. from Long Island University and an M.A. in nursing education from New York University. After 19 years as a nurse, Dr. Correa received her

M.D. from Einstein and an M.P.H. from Columbia University. She was inducted in 2021 into Einstein's Leo M. Davidoff Society for Outstanding Achievement in Teaching Medical Students.

Lifetime Achievement Award Jerry A. Winkelstein, M.D. '65

Dr. Jerry Winkelstein was on the faculty at Johns Hopkins, joining as a Howard Hughes Medical Investigator and retiring 35 years later as emeritus professor of pediatrics, of medicine, and of pathology in the School of Medicine and emeritus professor of immunology in the School of Public Health. He began his medical career with a residency in pediatrics at Hopkins, after which he served in the Indian Health Service as the first pediatrician in the Alaskan "bush." Returning to Hopkins, he completed a fellowship in immunology and then became a member of the faculty. As director of the pediatric division of allergy and immunology, he was instrumental in training scores of fellows who now hold influential positions in the United States and abroad. Dr. Winkelstein's laboratory research focused on how the complement system protects against infections. He also studied the molecular genetics, pathophysiology, and clinical manifestations of primary immunodeficiency diseases. A member of numerous professional societies, he has worked on many boards and committees in his field and as visiting professor at several universities. He has written or edited three books and has published a multitude of scientific articles and book chapters. He was given a Lifetime Achievement Award by the Jeffrey Modell Foundation, the Boyle Scientific Achievement Award by the Immune Deficiency Foundation, and the Mead Johnson Award for Research in Pediatrics by the Society for Pediatric Research. Dr. Winkelstein also was a member of the editorial boards of seven scientific and medical journals. He helped found the Immune Deficiency Foundation, a patient advocacy organization, and served as chair of its medical advisory committee from its inception until his retirement. Dr. Winkelstein earned his B.A. at Syracuse University and his M.D. at Einstein.

Lifetime Service Award Janina R. Galler, M.D. '72

Janina Galler, M.D., is professor of psychiatry at Harvard Medical School and a senior researcher in the division of pediatric gastroenterology and nutrition at Massachusetts General Hospital for Children in Boston, where she studies the effects of childhood malnutrition on the brain and behavioral development over the life span and across generations. Her work in this area started when she was a first-year Einstein student, under the mentorship of Herbert G. Birch, Ph.D., M.D. Dr. Galler is recognized as a world

leader in child nutrition and mental health. She is the co-founder and director of the 50-year Barbados Nutrition Study, whose findings have helped shape public policy for underserved children worldwide. Dr. Galler's research program is interdisciplinary and involves both human and translational studies using animal models of malnutrition. Her research has shown a striking, lifelong increase in attentional deficits following childhood malnutrition, which are also present in the next generation even in the absence of direct exposure to malnutrition. She has served as member and policy committee chair of the National Advisory Child Health and Human Development Council of the Eunice Kennedy Shriver National Institute of Child Health and Human Development. She was the first recipient of the Joseph P. Kennedy Public Policy Leadership Award and served as a U.S. Senate Fellow. Dr. Galler received the American Psychiatric Association's Blanche F. Ittleson Research Award for Outstanding Research Accomplishment in Child and Adolescent Psychiatry, the Sophie H. Newcomb College Centennial Award, the Irving B. Harris Lectureship Award from the Society for Behavioral Pediatrics, and the Leon Eisenberg Award in Global Child Mental Health, Developmental Disabilities, and Research Ethics from Harvard Medical School. She is the author of over 200 published papers and two books and her research has been funded by the National Institutes of Health for over 35 years. Dr. Galler graduated summa cum laude from Sophie Newcomb College of Tulane University; after receiving her M.D. at Einstein, she completed a residency in psychiatry at Massachusetts General Hospital. She has been a member of the Einstein Alumni Association's Board of Governors since 2011, and she served as president of the board for two consecutive terms, from 2015 to 2019. She is married to her former classmate, Burton D. Rabinowitz, M.D. '72, and they have three daughters and one granddaughter.

Einstein Honorary Alumnus Award E. John Gallagher, M.D.

Dr. E. John Gallagher was the founding chair of emergency medicine at Einstein, and is professor emeritus of emergency medicine, of medicine, and of epidemiology & population health. His research interests included out-of-hospital cardiac arrest, randomized clinical trials for the management of acute pain, diagnostic testing strategies, and bedside clinical decision-making. For decades he also focused attention on ways to optimize care of the medically underserved inner-city population of the Bronx. Dr. Gallagher served as chair of the Association of Academic Chairs of Emergency Medicine, as director of the American Board of Emergency Medicine, and in editorial capacities at *Annals of Emergency Medicine*, *Academic Emergency Medicine*, and the *Journal of Emergency Medicine*. His publications include more than 200 peer-reviewed papers,

30 book chapters and monographs, and 100 abstracts on a wide range of topics in emergency medicine, and he has given more than 125 presentations at national scientific meetings. He was the first recipient of the Sam Rosen Einstein Student Teaching Award, decided by student ballot; he was also given the Resident Teaching Award three times (the maximum number permitted) by emergency medicine residents, and a Leadership Award from the Society for Academic Emergency Medicine. He was elected to the National Academy of Medicine (formerly the Institute of Medicine) of the National Academies of Sciences, Engineering, and Medicine in 2002. Dr. Gallagher earned his B.A. at Franklin & Marshall College and his M.D. at the University of Pennsylvania School of Medicine; he did postgraduate work as a Robert Wood Johnson Fellow in clinical epidemiology at the Yale School of Medicine.

Rising Star—Clinical Practitioner Award

Adam J. Friedman, M.D. '06

Dr. Adam Friedman wears many hats at the George Washington University School of Medicine and Health Sciences, including professor and chair of dermatology, founding residency program director, director of translational research, and director of the Supportive Oncodermatology Program. He specializes in complex medical dermatology, including the management of adverse effects from cancer drugs, atopic dermatitis, and autoimmune diseases. Using Z-pod nanotechnology, which he co-invented at Einstein, he has developed systems that enhance drug delivery to and through the skin, accelerating wound healing and treating infectious diseases. The author of more than 200 papers in peer-reviewed journals, he has also written numerous books and book chapters, and has enhanced medical education through contributions to Web series, podcasts, and blogs. He has served on the board of directors of the American Dermatologic Association, as the chair of the ODAC Dermatology Conference, and as the senior editor of the *Derm In-Review* board review program, and is the creator and founding editor of *The Full Spectrum of Dermatology: A Diverse and Inclusive Atlas* and the creator and founding director of the Crazy Kodachromes board review program. Dr. Friedman has received, among other honors, the American Dermatologic Association Young Leader Award, the American Academy of Dermatology Presidential Citation for Excellence in Education, and the *Elle Magazine* Beauty Genius Award for Innovation in Nanotechnology. He received his B.A. from the University of Pennsylvania and earned his M.D. with distinction in dermatologic research from Einstein, and was chief resident in dermatology here. After graduation, he served on the faculty at Einstein, in the division of dermatology, for five years before moving to his current appointment.

Rising Star—Scientific Investigator Award

Dionna W. Williams, Ph.D. '14

Dr. Dionna Williams is assistant professor of molecular and comparative pathobiology at the Johns Hopkins University Medical School, where she also teaches in the departments of neuroscience, of pharmacology and molecular sciences, and of medicine in the division of clinical pharmacology. She also is assistant professor of molecular microbiology & immunology at the Johns Hopkins University School of Public Health and co-director of the Central Nervous System Dysfunction Scientific Working Group at Johns Hopkins's Center for AIDS Research. Dr. Williams's research focuses on the effects of HIV and comorbid substance abuse on neuropsychiatric disease, the ability of antiretroviral therapy to effectively limit HIV infection in the brain, and how the immune response shapes neurologic disease in patients with HIV. Her lab is working to identify novel therapies to combat chronic inflammation, and studies how such inflammation contributes to neurologic deficits, including cognitive and mood disorders. She also studies factors contributing to the perpetuation of HIV health disparities, and is deeply involved in mentoring activities with trainees from backgrounds historically underrepresented in science and medicine. Dr. Williams has been honored with an NIDA Early Career Investigator Showcase Travel Award and a Junior Investigator Pioneer Award from the International Society for NeuroVirology, and was named one of 100 Inspiring Black Scientists in America. She has served on committees for the Society for Neuroscience and the 13th International Conference on Cerebral Vascular Biology. Dr. Williams earned her B.S. from Hofstra University and her Ph.D. at Einstein; she then pursued a postdoctoral fellowship at Johns Hopkins before joining the faculty there.

Samuel M. Rosen Award for Outstanding Teaching (Pre-Clerkship)

Adi Pinkas, Ph.D.

Dr. Adi Pinkas, who joined the Einstein faculty in 2018, is assistant professor of pathology and serves as co-director of the Clinical and Developmental Anatomy course for first-year medical students, as well as co-director of the Nervous System and Human Behavior course for second-year students. He and his co-directors have made significant revisions to both courses, and he currently serves as a foundational block leader for the new medical education curriculum being launched at Einstein this year. Students describe him as “a phenomenal course director and lecturer” and his lectures as “engaging” and “highly informative,” earning him excellent evaluation scores and two Teaching Star commendation letters. Dr. Pinkas's enthusiasm for teaching was evident even while he was still completing

his postdoctoral studies at Einstein. From 2016 to 2018, he served as lab instructor for students in the anatomy course, presented cadaver-based workshops for students in Einstein's Summer Undergraduate Mentorship Program, and taught in the Montefiore Health Opportunities Program, aimed at students from marginalized backgrounds who are interested in pursuing health careers. Dr. Pinkas is a graduate of Haifa University in Israel and earned both his M.Sc. and Ph.D. degrees in neurobiology at Hebrew University in Jerusalem. He completed postdoctoral studies at Hebrew University in 2015 and in the department of molecular pharmacology at Einstein in 2018.

Samuel M. Rosen Award for Outstanding Teaching (Clinical)

Anna Liveris, M.D. '13

Dr. Anna Liveris, assistant professor of surgery, joined the Einstein faculty in 2020 and quickly became immersed in the education of residents and students. Jacobi Medical Center's director of trauma and surgical research, she also serves as associate program director of the surgical critical care fellowship and associate site director of Einstein's surgery clerkship, and directs a Trauma and Critical Care elective for senior medical students. Dr. Liveris has earned high praise from her students, who describe her as “a great surgical educator” who “made us think for ourselves” and “modeled the kind of physician behavior one would want to receive as a patient.” Her research interests include trauma outcomes, injury prevention, and quality improvement. She has authored or co-authored 20 original scientific articles, reviews, and book chapters, with a special expertise in traumatic brain injury and geriatric trauma. Her many awards include selection as Surgical Jeopardy National Champion for the American College of Surgeons and Attending Teacher of the Year for the Montefiore Surgery PA Residency Program. Dr. Liveris earned her undergraduate degree at Columbia University and her medical degree at Einstein. She completed residency training in general surgery at Montefiore and a surgical critical care fellowship at the R. Adams Cowley Shock Trauma Center at the University of Maryland.

Harry Eagle Award for Outstanding Pre-clerkship Teaching

Carol A. Derby, Ph.D.

Dr. Carol Derby is research professor in the Saul R. Korey Department of Neurology and of epidemiology & population health, the Louis and Gertrude Fell Faculty Scholar in Neurology, and a fellow of the American Heart Association. Joining the Einstein faculty in 1991, she left to pursue research opportunities at Brown University and the New England Research Institutes in 1992. She returned to the College

of Medicine in 2002 to begin a long career focused on the prevention of cardiovascular risk factors and their impact on vascular disease and dementia. She is a primary investigator at the Einstein Aging Study, which studies modifiable risk factors for cognitive decline and dementia. She also leads a large, long-standing study funded by the National Institutes of Health (NIH) examining the impact of menopause and midlife on health and functioning in women as they age. She is a standing member of several NIH–National Institute on Aging study sections and review panels and a member of the editorial board of Women's Midlife Health. Her work has resulted in 150 peer-reviewed papers, over a dozen book chapters, reviews, and commentaries, and numerous presentations at national and international meetings. A committed educator, Dr. Derby is consistently lauded for her teaching of the principles of biostatistics and epidemiology to first- and second-year medical students, who note her ability to explain and simplify difficult concepts. In 2011, she was elected a member of the Leo M. Davidoff Society, and in 2014 was named Mentor of the Year by scholars in Einstein's Clinical Research Training Program. A graduate of Brown University, Dr. Derby completed her doctoral studies in epidemiology at the Johns Hopkins University School of Hygiene and Public Health.

Harry H. Gordon Award for Outstanding Clinical Teaching

Gabriella C. Azzarone, M.D.

Dr. Gabriella Azzarone is assistant professor of pediatrics in the division of pediatric hospital medicine. She joined the Einstein faculty in 2007 and currently serves as director of the pediatric acting internship and as co-director of the pediatrics clerkship based at the Children's Hospital at Montefiore (CHAM). Einstein students enthusiastically describe Dr. Azzarone as “an exceptional educator” who “challenges students to think critically” and serves as a “great role model for the kind of physician I want to be in the future.” Her academic interests include quality assurance/quality improvement, patient medication safety, and patient satisfaction. She is a frequent presenter at national meetings on the pediatrician's role in keeping children safe from firearms. Dr. Azzarone is the recipient of two prestigious teaching awards conferred by the department of pediatrics: the William Obrinsky Award for Excellence in Student Teaching in 2014 and the Lewis Fraud Award for Excellence in Resident Teaching in 2021. She is also a member of Einstein's Leo M. Davidoff Society and a recipient of several Teaching Star commendations. A graduate of Barnard College, Dr. Azzarone completed her medical degree at the New York University School of Medicine and her residency at CHAM/Einstein, becoming chief resident in 2006–2007. She also has completed the Clinical Quality Fellowship Program sponsored by the Greater New York Hospital Association

2022 AWARDEE BIOGRAPHIES

and the Harvard Macy course “A Systems-Based Approach to Assessment in the Health Professions Education.”

Lifetime Achievement Award for Excellence in Teaching

Nadine T. Katz, M.D. '87

Currently professor of obstetrics & gynecology and women's health, Dr. Nadine Katz has spent her entire professional life at Einstein. Joining the faculty in 1991 immediately after completing her residency training here, she began a long career as a clinician-educator. Serving in multiple educational roles—as director of undergraduate medical education for her department, assistant dean for faculty development, and ultimately senior associate dean for student academic affairs—she has consistently earned high praise for her excellent teaching and mentoring. Dr. Katz has chaired multiple committees and served on working groups and task forces charged with strengthening Einstein's medical education program. Adding to her many teaching awards, in 2013, the graduating students chose her as their faculty inductee to the Alpha Omega Alpha Honor Medical Society. In 2012, Dr. Katz returned to the hospital as a physician-executive, assuming her present role as vice president of Montefiore and medical director of Montefiore-Einstein Hospital at Weiler. Even with this shift in focus, she has retained her passion for medical education. Nearly all of her numerous peer-reviewed contributions to the literature are related to improving the educational experiences of students and residents. A recognized leader in medical education, Dr. Katz is a sought-after speaker at national and international meetings, and has held a series of increasingly responsible positions in the preeminent national organizations in her field, notably as the immediate past president of the Association of Professors of Gynecology and Obstetrics. She received her bachelor's degree from our Bronx neighbor, Lehman College, and her medical degree at Einstein. She and her classmates are marking the 25th anniversary of their commencement this year.

LaDonne H. Schulman Award for Excellence in Teaching

Teresa V. Bowman, Ph.D.

Dr. Teresa Bowman, associate professor of developmental and molecular biology and of medicine, joined the Einstein faculty in 2013 after completing her postdoctoral training at Boston Children's Hospital. Since then, she has frequently been an unofficial mentor to many Einstein Ph.D. students. Her willingness to offer the benefits of her experience led the graduate students to select her as their invited speaker for their 2019 graduate student reception. An integral part of the Einstein graduate program, Dr. Bowman serves as the advisor

for all first-year Ph.D. students; as co-director of the Stem Cells, Development, and Disease graduate course; and as a mentor in the Einstein Training Program in Cellular & Molecular Biology and Genetics. She sits on numerous advisory and qualification exam committees, helping guide many students in the graduate program in their thesis work. Her research focuses on the formation, function, and dysfunction of hematopoietic stem cells (HSC), which eventually become blood cells. Her lab integrates cutting-edge genomic approaches with both zebrafish genetics and human cell culture to identify how HSC production is regulated, as well as how human myelodysplastic syndromes (MDS), a subset of blood cancers, arise. Dr. Bowman has published nearly 50 articles in peer-reviewed journals, expanding the field's understanding of how HSC dysregulation can cause MDS. She received her bachelor's degree in zoology from Louisiana State University and her doctoral degree in cellular and molecular biology from Baylor College of Medicine.

Saul R. Korey Award in Translational Science and Medicine

Nikolaos G. Frangogiannis, M.D.

Dr. Nikolaos Frangogiannis is professor of medicine and of microbiology & immunology at Einstein, and holds the Edmond J. Safra/Republic National Bank of New York Chair in Cardiovascular Medicine. He and his team study how the heart heals following injury; they have made transformative contributions regarding the role of inflammatory and fibrotic pathways in causing heart failure, and use cell and molecular biology techniques to understand the heart's response to stimuli such as heart attacks, high blood pressure, diabetes, and obesity. Their discoveries have fueled recent clinical trials. His publications—more than 200—in peer-reviewed journals are widely cited. A frequent invited lecturer, Dr. Frangogiannis received the Simon Dack Award from the American College of Cardiology, the Cockrell Award for excellence in research from Methodist Hospital, and the Chao Young Investigator Award from Baylor College of Medicine. He has served as a chair or member of many study sections for the National Institutes of Health, the Department of Defense, the Department of Veterans Affairs, and the American Heart Association, and as an editorial board member or associate editor on all the major cardiovascular journals; he has been named a top reviewer and editor at several of those journals. He received his M.D. and Ph.D. from the University of Athens Medical School in Greece, and did his residency in internal medicine (clinical investigator pathway) and a fellowship in cardiology at Baylor College of Medicine. In 1999, following his fellowship, he joined the Baylor faculty and established a laboratory investigating inflammatory mechanisms in cardiac injury, repair, and remodeling before coming to Einstein in 2010.

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Thammatat Vorawandthanachai
Joshua Weinreb
Justin Wheat
Aaron Wong
Elisabeth Yan
Kaleena Zhang

STUDENT AWARDS Dean's Recognition Award Class of 2022

Leor Akabas
Kiah Andrews
Daniel Baghdasarian
Paola Bataresh
Daniel Belkin
Chi Yang Chen
Alexis Corcoran
Janette Conde
Pablo Cuartas
Varun Dalmia

Rachel Eddy
Ali Farhat
Nicole Felix
Juan Pablo Forero
Sharon Galperin
Chaya Goldberg
Michelle Goodman
Anh Huynh
Iffath Islam
Duncan Kimmel
Lidiya Kukova
Samantha LaFontaine
Lynden Lee
Robert Lesko
Brian Lim
Joshua Mayoral
Amanda Mengetto
Alison Neely
Tracy Ngo
Jenny Rotblat
Caitlin Pestana Martins
Taneisha Sinclair
Yael Steinberg
Brittany Trompetto
Emilee Tu
Monica Wassel
Justin Wheat
Brian Wu
Shaoyu Zhu

MEDICAL STUDENT AWARDS Class of 2022

Tamara L. Bolin, M.D., Memorial
Award for Medical Excellence
Daniel Eguchi

Jean L. Cook, M.D., Memorial
Award for Medical Excellence
Petersen Maina

Medical Society of the State of New
York Community Service Award
Carly Bass

Andrew Doyle Award for Excellence
in Neurology
Jenny Rotblat

American Academy of Neurology
Student Prize for Excellence in
Neurology
Miriam Salamon

American Medical Women's
Association Glasgow-Rubin
Achievement Citation
Sharon Galperin
Lena Josephs

Ralph Ger Award in Clinical
Anatomy
Michael Bouaziz
Michael Curley

Maurice Greenhill Memorial Award
in Psychiatry
Nicole Felix
Marla Fisher

Albert S. Kuperman Award for Field
Work in Global Health
Juan Pablo Forero

Excellence in Obstetrics &
Gynecology and Women's
Health Award
Rosiris León Rivera

Dr. Leonard J. Mogilner Memorial
Award for Excellence in Pediatrics
and Community Service
Elisabeth Yan

Dr. Edward Padow Award for
Excellence in Pediatrics and
Community Service
Emilee Tu

Dr. Isadore Rossman Memorial
Award for Commitment to
Community Health Care
Anthony Ma

Social Justice Award
Taneisha Sinclair

Society for Academic Emergency
Medicine Award for Excellence in
Emergency Medicine
Alexis Corcoran

Gary Lombardi Excellence in
Emergency Medicine Award
Reed Owens-Pakicha

The Harold and Muriel Block
Institute for Clinical and
Translational Research Award for
Excellence
James Brogan—Translational
Research
Kelly Yang—Clinical Research

Dr. Evelyne Schwaber Award
for Excellence in
Communication Skills
Karolina Mieczkowska

The Gertie Marx, M.D., Prize for
Most Outstanding Student in
Anesthesiology
Caitlin Pestana Martins

Dr. James and Ruth Scheuer
Award for Outstanding M.D./Ph.D.
Student Who Will Continue in
Internal Medicine
Justin Wheat

The Einstein Innovation and
Citizenship Award
Brandon Cohen

Ruth L. Gottesman Award for
Excellence in Medical Education
Christopher Itua

GRADUATION WITH DISTINCTION IN RESEARCH

Clinical Investigation:
Tyler Andriano
Paola Bataresh
Rachel Borczuk
Andre Boyke
James Brogan
Steven Chen
Irene Chern
Pablo Cuartas
Varun Dalmia
Stephanie Deccy
Daniel Eguchi
Adam Ephraim
Ali Farhat
Marla Fisher
Steven Flamer
Juan Pablo Forero
Samantha Freeman
Fernando Gonzalez
Vivian Hawn
Jim Ho
Kainaat Javed
Lena Josephs
Jinsung Kim
Evan Kominsky
Samantha LaFontaine
Lynden Lee
Robert Lesko
Jeffrey Melvin
Karolina Mieczkowska
Mallory Morel
Taylor Mustapich
Tracy Ngo
Seung Mi Oh
Anusha Ponduri
Rachel Reingold
Jenny Rotblat
Maximilian Stahl
Yael Steinberg
Thammatat Vorawandthanachai
Andrew Wang
Sara Wiener
Elisabeth Yan
Kelly Yang
Xiuyi Yang
Kaleena Zhang
Denzel Zhu
Shaoyu Zhu

DECLARATION OF GENEVA

I solemnly pledge myself to consecrate my life to the service of humanity;

I will give to my teachers the respect and gratitude which is their due;

I will practice my profession with conscience and dignity;

The health of my patient(s) will be my first consideration;

I will respect the secrets which are confided in me, even after the patient has died;

I will maintain by all means in my power, the honor and the noble traditions
of the medical profession;

My colleagues will be my sisters and brothers;

I will not permit considerations of age, disease, or disability, creed, ethnic origin, gender,
nationality, political affiliation, race, sexual orientation, or social standing to intervene between
my duty and my patient(s);

I will maintain the utmost respect for human life from its beginning even under threat and I
will not use my medical knowledge contrary to the laws of humanity;

I make these promises solemnly, freely, and upon my honor.

OATH OF SCIENTISTS

As I embark on my career as a biomedical scientist, I will strive to incorporate into
my research and professional life the goals and moral principles required for the behavior
of a true scientist.

I therefore pledge,

To recognize and respect without bias the contributions of scientists who preceded me,
and of fellow scientists and students;

To be open to new ideas regardless of my perspective;

To commit to work with the highest standards of academic honesty, scientific integrity,
and ethical practice;

To use my training and creativity to seek and disseminate truth, and to use my knowledge to
assist others, thereby advancing the progress of biomedical science, to benefit all humanity.





Albert Einstein College of Medicine

ONLY A LIFE LIVED FOR OTHERS
IS A LIFE WORTHWHILE.

Albert Einstein

Affiliated with:

Montefiore



Yeshiva University

