



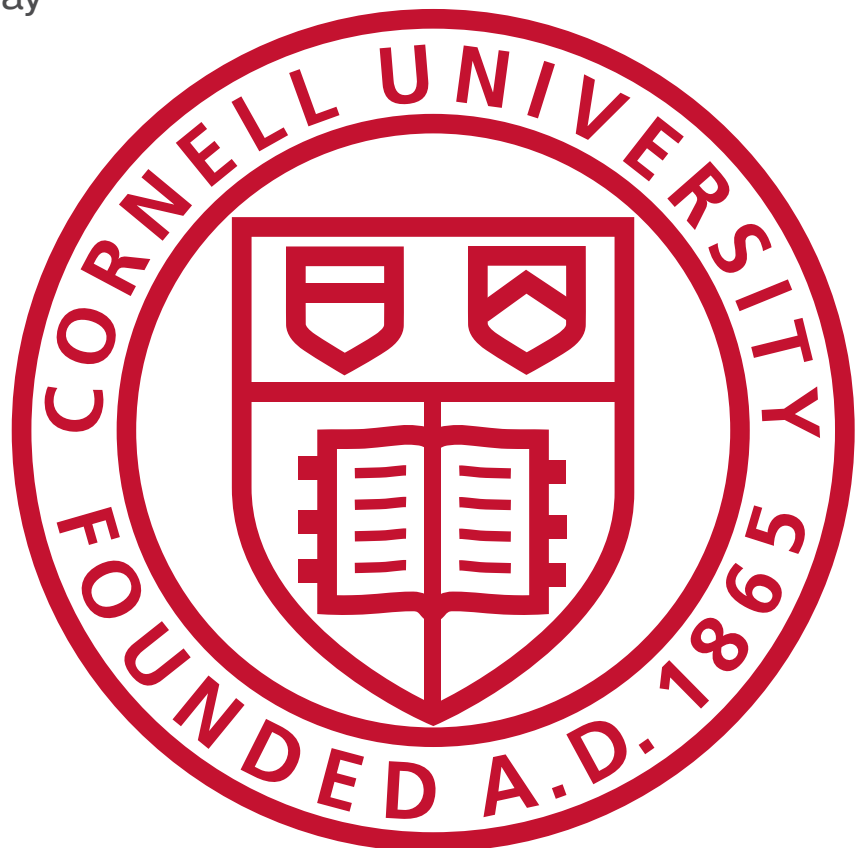
**Weill Cornell**  
**Medicine**

**Weill Cornell Medical College**

**Weill Cornell Graduate School  
of Medical Sciences**

**Commencement**

Thursday, the Twentieth of May  
Two Thousand Twenty-One  
Noon



# Program

## Musical Intro | Music & Medicine

Drums: Anurag Goel '21; Guitar: Kevin Oh '20; Guitar and Vocals: Jae Seong No '21; Keyboard: Stacy Yujin Joo '20; Vocals: Brittany Abel '20

## Presentation of the Academic Assembly

Estomih Mtui, MD  
Mace-bearer

## Invocation

Karen S. Daughtry, DMin

## Dean's Address to the Graduating Class

Augustine M.K. Choi, MD  
Stephen and Suzanne Weiss Dean, Weill Cornell Medicine  
Provost for Medical Affairs, Cornell University

## President's Address to the Graduating Class

Martha E. Pollack, PhD  
President, Cornell University

## Graduate School of Medical Sciences Dean's Address to the Graduating Class

Barbara L. Hempstead, MD, PhD  
Dean, Weill Cornell Graduate School of Medical Sciences

## Introduction of the Graduate School of Medical Sciences Student Speaker

Dean Hempstead

## Address by the Student Speaker

Jordana Thibado  
Weill Cornell Graduate School of Medical Sciences

## Presentation of the Candidates for the Degree of Master of Science

Dean Hempstead

## Conferment of the Degree of Master of Science

President Pollack

## Presentation of the Candidates for the Degree of Doctor of Philosophy

Dean Hempstead

## Conferment of the Degree of Doctor of Philosophy

President Pollack

## Presentation of the Graduate School of Medical Sciences Alumni Award of Distinction to Eric J. Huang, MD, PhD '93

Dean Hempstead

## Presentation of the Jeanne and Herbert Siegel Faculty Development Award to Judy Tung, MD and Dan Avi Landau, MD, PhD

Dean Choi

## Presentation of the Jeanne and Herbert Siegel Award for Outstanding Medical Research to M. Virginia Pascual, MD and Julie Magarian Blander, PhD

Dean Choi

## Presentation of the Jeanne and Herbert Siegel Award for Excellence in Medical Education to Anthony Ogedegbe, MD and Dana L. Gurvitch, MD

Dean Choi

## Presentation of the Jeanne and Herbert Siegel Award for Excellence in Emergency Medicine to Flavio Gaudio, MD and Maria Lame, MD

Dean Choi

## Presentation of the Donald J. D'Amico, MD Award for Excellence in Ophthalmology to Christopher E. Starr, MD '97 and Ana G. Alzaga Fernández, MD

Dean Choi

## Presentation of the Richard D. Granstein, MD Award for Excellence in Dermatology to Anna Bender-Zeckendorf, MD and Kira Minkis, MD, PhD

Dean Choi

## Presentation of the 2021 Dean's Award for Excellence in Mentorship to Teresa A. Milner, PhD

Dean Choi

## Introduction of the Medical College Student Speaker

Yoon Kang, MD  
Senior Associate Dean for Education  
Weill Cornell Medical College

## Address by the Student Speaker

Leora Haber, MD '21  
Weill Cornell Medical College

## Administration of the Hippocratic Oath

Dean Choi

## Presentation of the Candidates for the Degree of Doctor of Medicine

Dean Kang

## Conferment of the Degree of Doctor of Medicine

President Pollack

## Presentation of the Medical College Alumni Association Award of Distinction to Peter J. Hotez, MD '87, PhD

Joseph Habboushe, MD '06  
President, Weill Cornell Medical College Alumni Association

## Farewell to the Graduates

Dean Choi

## Alma Mater | Music & Medicine

Cello: Ah Yeon (Alice) Chung '21; Piano: Hongyu (Johnny) Chen '21; Vocals: Anu Goel '21, Lynn Han '24, Sonia Iosim '21, Joel Jose '21, Hudson Lee '24, Grant Luhmann '24, Sophie Mou '21, Ashley Wu '21

## Benediction

Karen S. Daughtry, DMin

## Adjournment of Commencement Ceremonies

Estomih Mtui, MD

## Musical Outro | Weill Winds

Bassoon: Benjamin Jackson '25; Clarinet: Anson Wang '22; Flute: John Chae '22; Horn: Emily Eruysal '21; Oboe: Grant Luhmann '24

# Recipients of Degrees 2021

**Weill Cornell Graduate School  
of Medical Sciences**

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# Masters of Science

August 17, 2020

**Aronson, Kerri**, MS, Clinical Epidemiology & Health Service Research. Advisors: Robert Kaner and Monika Safford. **Thesis:** *Quality of Life in Chronic Hypersensitivity Pneumonitis—The Patient Perspective.*

**Brown, Annalyn Katrina**, MS, Pharmacology.

**Chadwick, Keith Alan**, MS, Clinical & Translational Investigation. Advisors: Julianne Imperato-McGinley and Alvin Mushlin. **Thesis:** *Efficacy, Tolerability and Safety of Operating Room Microlaryngoscopy Versus Office-Based Potassium Titanyl Phosphate (KTP) Laser Treatment of Benign Vocal Fold Lesions: A Longitudinal Prospective Evaluation of Multidimensional Voice Outcomes.*

**Monibi, Farrah**, MS, Clinical & Translational Investigation. Advisors: Julianne Imperato-McGinley and Kendall Smith. **Thesis:** *Exploring the Pathobiology of the Human Knee Meniscus.*

**Torres, Lisa**, MS, Clinical & Translational Investigation. Advisors: Julianne Imperato-McGinley and Olaf Andersen. **Thesis:** *Attributable Mortality of Acute Respiratory Distress Syndrome: A Systematic Review, Meta-Analysis, and Observational Study.*

**Yen, Yi Hang Ian**, MS, Healthcare Policy & Research. Advisor: Ruth Masterson Creber. **Thesis:** *mHealth Population Health Surveillance in Myanmar.*

**Yun, Michelle Youngju**, MS, Clinical & Translational Investigation. Advisors: Julianne Imperato-McGinley and Alvin Mushlin. **Thesis:** *A Retrospective Review of National Medicaid Claims Data from 2009 to 2012: Anti-Seizure Medications in the Pediatric Population.*

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December 31, 2020

**Kim, Jin**, MS, Healthcare Policy & Research. Advisor: Bruce Schackman. **Thesis:** *Optimal Timing of Prostate MRI for Improved Quality of Life.*

**Latham, Alicia Jill**, MS, Clinical & Translational Investigation. Advisors: Julianne Imperato-McGinley and Dean Bajorin. **Thesis:** *Exploring Microsatellite Instability Detection in Cell-Free DNA as a Potential Non-Invasive Screening Modality in Patients with Lynch Syndrome.*

**Mallack, Eric James**, MS, Clinical & Translational Investigation. Advisors: Julianne Imperato-McGinley and Mary Jo Ward. **Thesis:** *A Longitudinal Analysis of Early Lesion Growth in Presymptomatic Patients with Cerebral Adrenoleukodystrophy.*

**Merkler, Alexander**, MS, Clinical & Translational Investigation. Advisors: Julianne Imperato-McGinley and Kendall Smith. **Thesis:** *Silent Myocardial Infarction and Subsequent Ischemic Stroke in the Cardiovascular Health Study.*

**Mohsin, Mariam Ali**, MS, Healthcare Policy & Research. Advisor: Jyoti Pathak. **Thesis:** *Development of Shared Decision Making Tool for Postpartum Depression Prevention and Treatment.*

**Sun, Shun**, MS, Healthcare Policy & Research. Advisor: Jyoti Pathak. **Thesis:** *Using Natural Language Processing and Machine Learning to Predict Alcohol Misuse from Electronic Health Record Data.*

**Thomas, Edwidge**, MS, Clinical Epidemiology & Health Service Research. Advisor: Mary Charlson. **Thesis:** *Care Managing Patient with Serious Mental Illness: Value or No Value.*

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May 20, 2021

**Aguilera, Diana M.**, Executive MBA, MS, Healthcare Policy & Research.

**Ahsan, Fariha**, MS, Healthcare Policy & Research. Advisor: Meghan Reading Turchioe. **Thesis:** *Understanding Overall Acceptability of Telehealth Video Visits among Patients Pre- and Post-COVID, Using Patient and Telehealth Visit Characteristics.*

**Alarcón, Irma Johanny**, Executive MBA, MS, Healthcare Policy & Research.

**Aldailami, Hasan Ali**, Executive MBA, MS, Healthcare Policy & Research.

**Anderson, Nicole**, MS, Health Sciences for Physician Assistants. Advisor: Peter Fabricant. **Thesis:** *Association of Sport Specialization with Injury Rates Among Youth Athletes: A Prospective Study.*

**Aplerh-Doku, Irene Borteley**, Executive MBA, MS, Healthcare Policy & Research.

# Masters of Science

May 20, 2021 (continued)

**Balogun, Onyinye**, MS, Clinical Epidemiology & Health Service Research. Advisors: Peter Kingham and Daniel Fitzgerald. **Thesis:** *Towards Global Equity in Women's Cancer Care: An Assessment of Radiotherapy Utilization among Uterine Cancer Patients in New York City & Breast Cancer Patients in Ife, Nigeria.*

**Benfanti, Roma Corey**, MS, Health Sciences for Physician Assistants. Advisor: Katherine Hajjar. **Thesis:** *The Effect of Lactobacillus Rhamnosus Gg on Attention-Deficit Hyperactivity Disorder Symptom Severity in Adolescents.*

**Berent, Anna**, Executive MBA, MS, Healthcare Policy & Research.

**Bernard, Mark Anthony**, MS, Clinical Epidemiology & Health Service Research. Advisors: Carla Boutin-Foster and Girardin Jean-Louis. **Thesis:** *Blood Pressure Control in Hypertensive African-Americans: A Psychosocial Perspective.*

**Bhutiani, Emily**, MS, Health Sciences for Physician Assistants. Advisor: Hooman Yaghoobzadeh. **Thesis:** *A Protocol Guided Inpatient Cardiac Rehabilitation Program in Patients Following Coronary Artery Bypass Graft Surgery to Reduce Post-Operative Complications and Improve Functional Capacity.*

**Boerner, Thomas**, MS, Clinical Epidemiology & Health Service Research. Advisors: Dennis Chi and Kara Long-Roche. **Thesis:** *Improving the Care of Women with Advanced Ovarian Cancer Undergoing Primary Debulking Surgery.*

**Bonet, Jessica Maria**, MS, Health Sciences for Physician Assistants. Advisor: Keith LaScalea. **Thesis:** *Long Term Health Effects Caused by Carcinogenic Components in Electronic Cigarettes.*

**Brown, Tyler Zedephrym**, MS, Health Sciences for Physician Assistants. Advisor: Thanakorn Jirasevijinda. **Thesis:** *Proposed Risk Stratification to Identify Youth Athletes Aged 10-18 Who May Be at Increased Risk for Sudden Cardiac Death.*

**Burke, Erica**, MS, Health Sciences for Physician Assistants. Advisor: Inna Landres. **Thesis:** *The Impact of Stress Mitigation in Pregnant Women on the Bacterial Colonization of the Newborn Gut Microbiome.*

**Calcagno, Jason John Anthony**, MS, Health Sciences for Physician Assistants. Advisor: Alexander Merkler. **Thesis:** *Edaravone as an Adjunct Medication in the Treatment of Acute Ischemic Strokes to Improve Outcomes.*

**Camacho, Margarita Ticzon**, Executive MBA, MS, Healthcare Policy & Research.

**Casterton, Theresa Jean**, Executive MBA, MS, Healthcare Policy & Research.

**Cecchini, Chloe Lena**, MS, Health Sciences for Physician Assistants. Advisor: Yasmin Khakoo. **Thesis:** *Evaluating Long-Term Neurocognitive Outcomes Associated with Proton Radiotherapy Compared to Photon Radiotherapy in the Treatment of Pediatric Low-Grade Glioma.*

**Chait, Darby Nicole**, MS, Health Sciences for Physician Assistants. Advisor: Thanakorn Jirasevijinda. **Thesis:** *The Efficacy of Play Therapy in Preventing the Development of PTSD and Secondary Characteristics of PTSD, Specifically Anxiety and Depression, in Children Who Have Lost a Parent or Guardian.*

**Chamberlain, Kaitlin Ashley**, MS, Health Sciences for Physician Assistants. Advisor: Alexander Swistel. **Thesis:** *Quality of Life Outcomes Based on Recipient Site Choice in Vascularized Lymph Node Transfer for Treatment of Breast Cancer-Related Lymphedema.*

**Chen, Christine Fang**, MS, Health Sciences for Physician Assistants. Advisor: Harsiman Singh. **Thesis:** *The Association Between Unfractionated Heparin and Bivalirudin Used During Percutaneous Coronary Intervention for Stable Angina and Acute Coronary Syndromes and the In-Hospital and Mortality Outcomes Observed Across All Body Mass Index Groups.*

**Chen, Ida**, MS, Health Sciences for Physician Assistants. Advisor: Sam Senturia. **Thesis:** *Application of Lean Methodology to Diagnostic Laboratory Testing in Emergency Departments as a Solution to Crowding and Prolonged Wait Times.*

**Chen, Linda Yin**, MS, Healthcare Policy & Research. Advisor: Yuhua Bao. **Thesis:** *COVID-19 and Life-Saving Medications for Opioid Use Disorder Among Medicaid Patients.*



# Masters of Science

May 20, 2021 (continued)

**Chen, Michelle**, MS, Health Sciences for Physician Assistants. Advisor: Randi Silver. **Thesis:** *ALDH2 Deficiency: Lack of Approved Treatments Efficient at Decreasing Serum Aldehyde Levels.*

**Chen, Zhuoyang**, MS, Computational Biology. Advisor: Olivier Elemento. **Thesis:** *Correlation of Copy Number Variation and Gene Expression on TCGA-BRCA Data.*

**Clarke, John Deighton**, Executive MBA, MS, Healthcare Policy & Research.

**Cohen, Adam Lee**, Executive MBA, MS, Healthcare Policy & Research.

**Cohen, Leah**, MS, Health Sciences for Physician Assistants. Advisor: Inna Landres. **Thesis:** *Exercise During Pregnancy: A Strategy for The Management of Gestational Diabetes Mellitus.*

**Danvers, Antionette**, Executive MBA, MS, Healthcare Policy & Research.

**De, Atish**, MS, Healthcare Policy & Research.

**Dey, Madhumita**, Executive MBA, MS, Healthcare Policy & Research.

**Diaz, Alexis**, MS, Health Sciences for Physician Assistants. Advisor: Brandon Aden. **Thesis:** *Evaluation of Initiation and Retention Rates of Medication-Assisted Treatment After Emergency Department-Initiated Buprenorphine by Data 2000 X Waivered Advanced Practice Providers.*

**Diaz, Liezl Angela**, Executive MBA, MS, Healthcare Policy & Research.

**Dixon, Astin Aleaxander**, MS, Computational Biology. Advisor: Ekta Khurana. **Thesis:** *Structural Variant and Expression Analysis of Coding and Noncoding Cancer Drivers Identified by Breakpoint Proximity.*

**Dolan, Siobhan M.**, Executive MBA, MS, Healthcare Policy & Research.

**Dvorzhinskiy, Aleksey**, MS, Clinical Epidemiology & Health Service Research. Advisors: Joseph Lane and William Ricci. **Thesis:** *The Performance of PROMIS Computer Adaptive Testing in Patients After Hip and Tibial Plateau Fracture Surgery.*

**Farah, Shadia**, MS, Neuroscience.

**Fernandez, Nancy**, Executive MBA, MS, Healthcare Policy & Research.

**Francis, Savannah Lyn**, MS, Health Sciences for Physician Assistants. Advisor: Keith LaScalea.

**Thesis:** *Clinical Indications for Use of Intermittent Fasting in The Management of Individuals at Risk for Type 2 Diabetes Mellitus.*

**Friedman, Amy**, Executive MBA, MS, Healthcare Policy & Research.

**Gal, Jonathan Stephen**, Executive MBA, MS, Healthcare Policy & Research.

**Gale, Emily Elizabeth**, MS, Health Sciences for Physician Assistants. Advisor: Katherine Hajjar.

**Thesis:** *Daylight Photodynamic Therapy: A Potential Treatment for Truncal Acne.*

**Giang, Connie**, MS, Health Sciences for Physician Assistants. Advisor: Katherine Hajjar. **Thesis:** *The Effects of Parent-Mediated Early Start Denver Model on Social Communication Skills in Children Diagnosed with Autism Spectrum Disorder Under the Age of Four.*

**Gillen, Kelly McCabe**, Executive MBA, MS, Healthcare Policy & Research.

**Goldberg, Rajita Basak**, Executive MBA, MS, Healthcare Policy & Research.

**Goncalves, Lindsey Ligeiro**, MS, Health Sciences for Physician Assistants. Advisor: Thanakorn Jirasevijinda. **Thesis:** *Prevalence of CNS Lesions with Central Precocious Puberty – Recommendations for Routine MRI Screening.*

**Gonzalez, Christopher Jesus**, MS, Clinical Epidemiology & Health Service Research. Advisor: Martin Shapiro. **Thesis:** *Assessing the Social Determinants of Adverse Outcomes of COVID-19 and Exploring Mechanisms by Which They Impact Mitigating Behaviors.*

**Gruber, Alexander**, MS, Health Sciences for Physician Assistants. Advisor: Joshua Dines. **Thesis:** *Potentially Improving Allograft Anterior Cruciate Ligament Reconstruction Outcomes by Utilizing Bone Mesenchymal Stem Cells.*

**Hart, Thomas**, MS, Computational Biology. Advisor: Jan Krumsiek. **Thesis:** *Association Between Observed Gleason Scores and Molecular Phenotypes in Prostate Cancer Spatial Metabolomics Dataset.*

# Masters of Science

May 20, 2021 (continued)

**Hodson, Eily Marie**, MS, Health Sciences for Physician Assistants. Advisor: David Hajjar.

**Thesis:** *The Effects of a Plant-Based Diet on Cardiometabolic Disease.*

**Ivanov, Nikolay A.**, MS, Clinical & Translational Investigation. Advisors: Julianne Imperato-McGinley and Anthony Brown. **Thesis:** *Investigating Macrophage Polarization and T-Cell Dynamics in Pancreatic Neuroendocrine Tumors.*

**Jackson, Olivia**, MS, Health Sciences for Physician Assistants. Advisor: David Hajjar. **Thesis:** *Time Restricted Eating and Reversal of Metabolic Syndrome.*

**Jolissaint, Joshua Samuel**, MS, Clinical & Translational Investigation. Advisors: Julianne Imperato-McGinley and Dean Bajorin. **Thesis:** *The Role of Liver-Directed Chemotherapy, Genomics, and Radomics in the Management of Intrahepatic Cholangiocarcinoma.*

**Kamath, Vipin Vaman**, Executive MBA, MS, Healthcare Policy & Research.

**Karra, Sunayana**, Executive MBA, MS, Healthcare Policy & Research.

**Kim, Amy Younjoo**, MS, Healthcare Policy & Research. Advisor: Yiye Zhang. **Thesis:** *Super-High Utilizer Patients in an Urban Academic Emergency Department: Characteristics, Early Identification, and Impact of Strategic Care Management Interventions.*

**Kim, Choo-Hyun**, Executive MBA, MS, Healthcare Policy & Research.

**Kim, Paul Jang**, Executive MBA, MS, Healthcare Policy & Research.

**Koester, Nina Alexandra**, MS, Health Sciences for Physician Assistants. Advisor: Joseph Murray. **Thesis:** *Perinatal Depression in The Nonpregnant Female of Same Sex Couples in the United States: A Prospective Study.*

**Komendowski, Michael John**, MS, Healthcare Policy & Research. Advisor: Ruth Masterson Creber. **Thesis:** *Health and Hope-Myanmar project.*

**Kossayda, Annika Lowrey**, MS, Health Sciences for Physician Assistants. Advisor: Robert Winchell.

**Thesis:** *Long-Term Infectious Outcomes of Surgical and Nonsurgical Splenic Salvage Management for Blunt Traumatic Splenic Injuries In Adults.*

**Krishnan, Jamuna K.**, MS, Clinical Epidemiology & Health Service Research. Advisors: Monika Safford and Fernando Martinez. **Thesis:** *Application of Health Services and Epidemiologic Methods in Acute and Chronic Respiratory Disease.*

**Lakin, Tyler David**, Executive MBA, MS, Healthcare Policy & Research.

**Lawrenz, Colleen**, MS, Health Sciences for Physician Assistants. Advisor: Sam Senturia.

**Thesis:** *Virtual Reality to Decrease Procedural Pain and Anxiety During Pediatric Laceration Repairs in The Emergent Setting.*

**Lee, Brennan Peter**, MS, Computational Biology.

Advisor: Christina Leslie. **Thesis:** *scBatch: Batch Invariant Cell Type Identification from Heterogenous scRNA-seq Datasets.*

**Lee, Jungran**, MS, Healthcare Policy & Research.

Advisor: Arian Jung. **Thesis:** *Post-Acute Care Patient Outcome Comparisons Between Advanced Practitioners and Physicians Who Specialize in Nursing Home Practice.*

**Lehrfield, Tirza**, MS, Health Sciences for Physician Assistants. Advisor: Jeffrey Dayton. **Thesis:** *Change of Heart: Pharmacologic Therapy Versus Conservative Management in the Treatment of Asymptomatic Patent Ductus Arteriosus in Preterm Neonates.*

**Liu, Qiong**, MS, Health Sciences for Physician Assistants. Advisor: Lorraine Gudas. **Thesis:** *A Study of Erlotinib Monotherapy and in Combination with Pembrolizumab in Previously Untreated Stage I-III A Non-Small Cell Lung Cancer.*

**Luo, Keilee Suling**, MS, Healthcare Policy & Research. Advisor: Yuhua Bao. **Thesis:** *COVID-19 and Life-Saving Medications for Opioid Use Disorder Among Medicaid Patients.*

**Macvey, Matthew John**, Executive MBA, MS, Healthcare Policy & Research.

# Masters of Science

May 20, 2021 (continued)

**Mariano, Allan**, MS, Health Sciences for Physician Assistants. Advisor: Veronica LoFaso. **Thesis:** *Implementation of a Fall Prevention Education Program Prior to Surgical Intervention of Orthopedic Patients Will Reduce the Incidence of Fall Events in the Hospital Setting.*

**McCreath, Wayne Anthony**, Executive MBA, MS, Healthcare Policy & Research.

**McDonald, Lindsey Dru**, Executive MBA, MS, Healthcare Policy & Research.

**Mironov, Alexandra Gordon**, Executive MBA, MS, Healthcare Policy & Research.

**Mitilenes, Nickolas George**, Executive MBA, MS, Healthcare Policy & Research.

**Mukundan, Darshana**, MS, Computational Biology. Advisor: Olivier Elemento. **Thesis:** *Integrative Analysis of Breast Cancer.*

**Naranjo, Kevin Caesar**, MS, Health Sciences for Physician Assistants. Advisor: Joshua Weaver. **Thesis:** *Comparison of an Implantable Sphenopalatine Ganglion Neurostimulator to Standard of Care Therapy in the Preventive Management of Chronic Cluster Headache.*

**Narula, Nupoor**, MS, Clinical Epidemiology & Health Service Research. Advisor: Mary Roman. **Thesis:** *Aortopathies: Pregnancy Outcomes and a Novel Genetic Predisposition.*

**Phillips, Pearl**, Executive MBA, MS, Healthcare Policy & Research.

**Pinkhasov, Johnathan**, Executive MBA, MS, Healthcare Policy & Research.

**Pirpinias, Stephen Thomas**, MS, Computational Biology. Advisor: Jan Krumsiek. **Thesis:** *Machine Learning the Qatar Metabolomics Study on Type-2 Diabetes.*

**Radossich, Julia**, MS, Health Sciences for Physician Assistants. Advisor: Brandon Aden. **Thesis:** *Transcranial Direct Current Stimulation as a Novel Intervention for Treating Opioid Use Disorder.*

**Rai, Arun**, Executive MBA, MS, Healthcare Policy & Research.

**Rehnan, Marielle**, MS, Health Sciences for Physician Assistants. Advisor: Neel Mehta. **Thesis:** *High-Frequency Spinal Cord Stimulation: A Novel Treatment for Chronic Neck and Upper Limb Pain in Failed Neck Surgery Syndrome Patients.*

**Reppucci, Angelo Davide**, Executive MBA, MS, Healthcare Policy & Research.

**Richards, James**, Executive MBA, MS, Healthcare Policy & Research.

**Rivas, Martín Alfredo**, MS, Clinical Epidemiology & Health Service Research. Advisor: Ari Melnick. **Thesis:** *Role of the Cohesin Complex in B Cell Development, Lymphomagenesis and Patients' Outcomes.*

**Robbins, Debra**, Executive MBA, MS, Healthcare Policy & Research.

**Rong, Lisa**, MS, Clinical Epidemiology & Health Service Research. Advisors: Hugh Hemmings, Mary Charlson, and Mario Gaudino. **Thesis:** *Interventional Echo - Insights into the Aorta.*

**Rothenberg, Jessica Barbara**, Executive MBA, MS, Healthcare Policy & Research.

**Ruggiero, Mia Vitina**, MS, Health Sciences for Physician Assistants. Advisor: Amy Hoffman. **Thesis:** *Go with Your Gut: The Use of Probiotics as Adjunctive Treatment in Major Depressive Disorder.*

**Samuels, Brandon Luis**, Executive MBA, MS, Healthcare Policy & Research.

**Schwartzman, Monica H.**, MS, Clinical Epidemiology & Health Service Research. Advisors: Lisa Mandl and Randy Longman. **Thesis:** *Characterizing Spondyloarthritis: Medication Practices, Patient Preferences and Pain Sensitization.*

**Shaffer, Brian Carl**, MS, Clinical & Translational Investigation. Advisors: Julianne Imperato-McGinley and Dean Bajorin. **Thesis:** *Prospective Killer Immunoglobulin-Like Receptor Genotype Evaluation of Hematopoietic Cell Donors is Feasible with Potential to Benefit Patients with Acute Myelogenous Leukemia.*

**Shmukler Druz, Regina**, Executive MBA, MS, Healthcare Policy & Research.



# Masters of Science

May 20, 2021 (continued)

**Sim, Ethan**, MS, Health Sciences for Physician Assistants. Advisor: Randi Silver. **Thesis:** *Genetically Modified Intravenous Fibroblast Therapy: A Novel Treatment for Recessive Dystrophic Epidermolysis Bullosa.*

**Simon, Nicole Sophia**, MS, Health Sciences for Physician Assistants. Advisor: Karen Acker. **Thesis:** *The Utilization of Serum Procalcitonin Levels to Establish Effective Duration of Antibiotic Therapy in the Pediatric Population.*

**Steadman, Melissa**, MS, Health Sciences for Physician Assistants. Advisor: Joseph Murray. **Thesis:** *The Effects of Probiotics on Anxiety in Healthy Adults.*

**Sturgeon, Christina Wong**, Executive MBA, MS, Healthcare Policy & Research.

**Tapia, Angelika**, Executive MBA, MS, Healthcare Policy & Research.

**Tovar, Cristina Mireya**, MS, Health Sciences for Physician Assistants. Advisor: Joshua Weaver. **Thesis:** *The Effect of Dietitian Support on Diet Maintenance in Newly Diagnosed Glioblastoma Patients on the Ketogenic Diet During Standard Therapy.*

**Tsang, Diane**, MS, Health Sciences for Physician Assistants. Advisor: Amy Hoffman. **Thesis:** *Anxious and Depressive Symptoms in Adults Following Adolescent Exposure to Antipsychotics.*

**Urbanski-Farrell, Elizabeth Ann**, Executive MBA, MS, Healthcare Policy & Research.

**Vaughn, John Leslie**, MS, Clinical Epidemiology & Health Service Research. Advisor: Monika Safford. **Thesis:** *Understanding Racial and Ethnic Differences in Lymphoma Treatment and Outcomes in the United States.*

**Vemulapalli, Pratibha**, Executive MBA, MS, Healthcare Policy & Research.

**Vishwakarma, Saloni Pradeepkumar**, MS, Computational Biology. Advisor: Christina Leslie. **Thesis:** *Investigating the Functional Role of FOXA1 Mutations in Prostate Cancer Using Murine Organoid Model.*

**Volz, Justine Tracey**, Executive MBA, MS, Healthcare Policy & Research.

**Wang, Fiona KJ**, MS, Health Sciences for Physician Assistants. Advisor: Alexis Melnick. **Thesis:** *Modified Assisted Reproductive Technology (ART) in Patients with PCOS to Reduce Ovarian Hyperstimulation Syndrome Risk.*

**Wark, Alexander Michael**, MS, Health Sciences for Physician Assistants. Advisor: Hooman Yaghoobzadeh. **Thesis:** *In Person Education for Diabetics About Typical and Atypical Myocardial Infarction Symptoms to Reduce Time to Seek Medical Attention.*

**Weiner, Stephanie Erica**, MS, Healthcare Policy & Research. Advisor: Natalie Benda. **Thesis:** *Ontology Development in Health Literacy.*

**Weintraub, Elana R.**, MS, Health Sciences for Physician Assistants. Advisor: Jonathan Avery. **Thesis:** *Mapping Out the Problem: A National Regional Comparison of Chronic Benzodiazepine Use.*

**Whang, Juho Patrick**, Executive MBA, MS, Healthcare Policy & Research.

**White, Jessica**, MS, Computational Biology. Advisor: Olivier Elemento. **Thesis:** *A Connectivity Mapping Approach to Identifying Senolytic Compounds.*

**Wright, Maria Andreatta**, MS, Health Sciences for Physician Assistants. Advisor: Carol Fiore. **Thesis:** *Determining the Efficacy of Entertainment-Education in Increasing Supportive Attitudes in Parents of Lesbian, Gay, and Bisexual Adolescents.*

**Younger, Tiffany**, MS, Clinical Epidemiology & Health Service Research. Advisor: Carla Boutin-Foster. **Thesis:** *Ecology of the Oppressed: Examining Psychological and Physiological Risks of Structural Racism Among Blacks or African Americans.*

**Yun, Hyunkyung**, MS, Healthcare Policy & Research. Advisor: Bruce Schackman. **Thesis:** *Optimal Timing of Prostate MRI for Improved Quality of Life.*

**Zuckerman, Kelsey**, MS, Health Sciences for Physician Assistants. Advisor: Mayur Narayan. **Thesis:** *Postoperative Delirium Prevention with The Use of Atorvastatin in Critical Noncardiac Patients.*

# Masters of Science

August 31, 2021

**Al-Mazrou, Ahmed Mohammed**, MS, Healthcare Policy & Research. Advisor: Mark Unruh. **Thesis:** *The Impact of the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP) on the Performance of Bariatric Surgery.*

**Ballester-Navarro, María Purificación**, MS, Healthcare Policy & Research. Advisor: Yiye Zhang. **Thesis:** *Designing mHealth Population Health Surveillance Tools for Community Health Workers in Myanmar.*

**Bancroft, Hannah Elizabeth**, MS, Healthcare Policy & Research. Advisor: William Schpero. **Thesis:** *Building a Social Determinants of Health Risk Model.*

**Barbalat, Guillaume**, MS, Healthcare Policy & Research. Advisor: Sam Lu. **Thesis:** *Socio-Economic and Cultural Factors Associated with the Burden of Non-Communicable Diseases: An Analysis Using the Global Burden of Disease Data.*

**Cai, Xiao**, MS, Healthcare Policy & Research. Advisor: Kathy Zhou. **Thesis:** *Developing Lipidomic Signatures of the Tumor Microenvironment for Breast Cancer Risk Stratification.*

**Cai, Jessie**, MS, Healthcare Policy & Research. Advisor: Samprit Banerjee. **Thesis:** *The REAL Study: A Nationwide Prospective Study of Rheumatoid Arthritis in Brazil.*

**Casper, Anthony Joseph**, MS, Healthcare Policy & Research. Advisor: William Schpero. **Thesis:** *Building a Social Determinants of Health Risk Model.*

**Chang, Tiffany**, MS, Healthcare Policy & Research. Advisor: Aleks Savenkov. **Thesis:** *Modeling Colorectal Cancer Incidence and Deaths for Individuals with Lynch Syndrome.*

**Chen, Zhixiong**, MS, Healthcare Policy & Research. Advisor: Mark Weiner. **Thesis:** *Is the Whole More or Less than the Sum of the Parts?*

**Chow, Albert**, MS, Healthcare Policy & Research. Advisor: Yiye Zhang. **Thesis:** *Exploratory Data Analysis of Antimicrobial Resistance Patterns in Escherichia coli Clinical Isolates Using Associative Rule Mining.*

**D'Angelo, Sophia Rose**, MS, Healthcare Policy & Research. Advisor: Yiye Zhang. **Thesis:** *Cardiac Implantable Electronic Device Follow-Up: Assessment of U.S. Practice.*

**Davis, Alison Danielle**, MS, Healthcare Policy & Research. Advisor: Yiye Zhang. **Thesis:** *Cardiac Implantable Electronic Device Follow-Up: Assessment of U.S. Practice.*

**Elmasry, Shady**, MS, Clinical & Translational Investigation. Advisors: Julianne Imperato-McGinley and Suzanne Maher. **Thesis:** *Quantifying the Art of Surgical Decision-Making in Total Knee Arthroplasty.*

**Glenn, Nijah**, MS, Healthcare Policy & Research. Advisor: Yiye Zhang. **Thesis:** *Code Torsion.*

**Hai, Yujie**, MS, Healthcare Policy & Research. Advisor: Ivan Diaz. **Thesis:** *Should We Return Patient-Reported Outcomes to Human Subjects Participants? - Exploring Ethical Obligations.*

**Haque, Kanta**, MS, Healthcare Policy & Research. Advisor: Yiye Zhang. **Thesis:** *Code Torsion.*

**Hua, Zhongyan**, MS, Healthcare Policy & Research. Advisor: Yiye Zhang. **Thesis:** *Cardiac Implantable Electronic Device Follow-Up: Assessment of U.S. Practice.*

**Kanabar, Megha Anil**, MS, Healthcare Policy & Research. Advisor: William Schpero. **Thesis:** *Building a Social Determinants of Health Risk Model.*

**Li, Jiahe**, MS, Healthcare Policy & Research. Advisor: Yifan Peng. **Thesis:** *Detecting Classes of Heart Failure from Clinical Notes Using Text-Mining and Machine Learning.*

**Li, Qiaozheng**, MS, Healthcare Policy & Research. Advisor: Yuhua Bao. **Thesis:** *COVID-19 and Life-Saving Medications for Opioid Use Disorder Among Medicaid Patients.*

**Li, Xiang**, MS, Healthcare Policy & Research. Advisor: Aleks Savenkov. **Thesis:** *Modeling Colorectal Cancer Incidence and Deaths for Individuals with Lynch Syndrome.*

**Lin, Shutian**, MS, Healthcare Policy & Research. Advisor: Aleks Savenkov. **Thesis:** *Modeling Colorectal Cancer Incidence and Deaths for Individuals with Lynch Syndrome.*

# Masters of Science

August 31, 2021 (continued)

**Lu, Jinfeng**, MS, Healthcare Policy & Research. Advisor: Elizabeth Sweeney. **Thesis:** *Developing a Shiny Interface for 'Maplet' Analysis Pipelines.*

**Ma, Yunqing**, MS, Healthcare Policy & Research. Advisor: Kathy Zhou. **Thesis:** *Exploring Metabolomics-Based Blood-Brain Connections in Alzheimer's Disease.*

**Mistry, Pratik**, MS, Healthcare Policy & Research. Advisor: Kathy Zhou. **Thesis:** *Exploring Metabolomics-Based Blood-Brain Connections in Alzheimer's Disease.*

**Mujeebuddin, Fariha**, MS, Healthcare Policy & Research. Advisor: William Schpero. **Thesis:** *Building a Social Determinants of Health Risk Model.*

**Patel, Shreya Sanjay**, MS, Healthcare Policy & Research. Advisor: Yifan Peng. **Thesis:** *Detecting Classes of Heart Failure from Clinical Notes Using Text-Mining and Machine Learning.*

**Prah, Marie-Ann Ewurabena**, MS, Healthcare Policy & Research. Advisor: Yiye Zhang. **Thesis:** *Cardiac Implantable Electronic Device Follow-Up: Assessment of U.S. Practice.*

**Rahman, Saanjaana**, MS, Healthcare Policy & Research. Advisor: Jiani Yu. **Thesis:** *Assessing the Relationship Between Medicaid Coverage and Telehealth Utilization in the COVID-19 Pandemic.*

**Saaraswat, Manya**, MS, Healthcare Policy & Research. Advisor: Zachary Grinspan. **Thesis:** *The Trajectory of Health Services Utilization in Children with Epilepsy.*

**Sanky, Daniel**, MS, Healthcare Policy & Research. Advisor: Arindam RoyChoudhury. **Thesis:** *Mortality in Interstitial Lung Disease Lung Transplantation Patients.*

**Shippey, Caroline**, MS, Healthcare Policy & Research. Advisor: Yiye Zhang. **Thesis:** *Designing mHealth Population Health Surveillance Tools for Community Health Workers in Myanmar.*

**Si, Xiuying**, MS, Healthcare Policy & Research. Advisor: Samprit Banerjee. **Thesis:** *The REAL Study: A Nationwide Prospective Study of Rheumatoid Arthritis in Brazil.*

**Sogluizzo, Kyle**, MS, Healthcare Policy & Research. Advisor: Ivan Diaz. **Thesis:** *Should We Return Patient-Reported Outcomes to Human Subjects Participants? - Exploring Ethical Obligations.*

**Sun, Yongqi**, MS, Healthcare Policy & Research. Advisor: Samprit Banerjee. **Thesis:** *The REAL Study: A Nationwide Prospective Study of Rheumatoid Arthritis in Brazil.*

**Tang, Man**, MS, Healthcare Policy & Research. Advisor: Yiye Zhang. **Thesis:** *Designing mHealth Population Health Surveillance Tools for Community Health Workers in Myanmar.*

**Thangarajah, Maryanne**, MS, Healthcare Policy & Research. Advisor: Samprit Banerjee. **Thesis:** *Identifying Social Isolation in Electronic Health Records (EHR) and Social Media Data.*

**Tian, Yiqi**, MS, Healthcare Policy & Research. Advisor: Arindam RoyChoudhury. **Thesis:** *Mortality in Interstitial Lung Disease Lung Transplantation Patients.*

**Utah, Michelle Chinedum Nneka**, MS, Healthcare Policy & Research. Advisor: Yiye Zhang. **Thesis:** *Use of the MyEDCare App After an ED Discharge.*

**Wei, Siqi**, MS, Healthcare Policy & Research. Advisor: Kathy Zhou. **Thesis:** *Developing Lipidomic Signatures of the Tumor Microenvironment for Breast Cancer Risk Stratification.*

**Wu, Yifan**, MS, Healthcare Policy & Research. Advisor: Elizabeth Sweeney. **Thesis:** *Developing a Shiny Interface for 'Maplet' Analysis Pipelines.*

**Xu, Zizhuo**, MS, Healthcare Policy & Research. Advisor: Kathy Zhou. **Thesis:** *Developing Lipidomic Signatures of the Tumor Microenvironment for Breast Cancer Risk Stratification.*

**Zhang, Ziyin**, MS, Healthcare Policy & Research. Advisor: Kathy Zhou. **Thesis:** *Exploring Metabolomics-Based Blood-Brain Connections in Alzheimer's Disease.*

**Zhu, Xiang**, MS, Healthcare Policy & Research. Advisor: Elizabeth Sweeney. **Thesis:** *Developing a Shiny Interface for 'Maplet' Analysis Pipelines.*



# Doctors of Philosophy

August 17, 2020

**Asciolla, James John**, PhD, Cell & Developmental Biology. Advisor: Marilyn Resh. **Thesis:** *Fatty Acylation of Secreted Signaling Proteins.*

**Babij, Rachel Ann**, PhD, Neuroscience. Advisor: Natalia DeMarco. **Thesis:** *Determinants of Local and Long-Range Connectivity in the Developing Somatosensory Cortex.*

**Barnes, Kristopher Michael**, PhD, Neuroscience. Advisor: Zhirong Bao. **Thesis:** *Spatial and Temporal Organization of Brain Morphogenesis at Single Cell Resolution: A Study in C. elegans.*

**Brumfield, Alexandria M.**, PhD, Molecular Biology. Advisor: Timothy E. McGraw. **Thesis:** *Insights into Insulin Regulation of GLUT4 Trafficking at the TGN.*

**Campbell, Benjamin Colin**, PhD, Neuroscience. Advisor: Gregory Petsko. **Thesis:** *Structure-Guided Engineering of Chemically Stable Fluorescent Proteins for Super-Resolution Imaging.*

**Campbell, Nathaniel Rosenstein**, PhD, Physiology, Biophysics & Systems Biology. Advisors: Joao Xavier and Richard White. **Thesis:** *Diversity, Clusters and Cell Cooperation in Melanoma Metastasis.*

**Cho, Sungyun**, PhD, Cell & Developmental Biology. Advisor: John Blenis. **Thesis:** *Post-Transcriptional Regulation of RNA Metabolism by mTOR Signaling.*

**Duan, Zhe Ran**, PhD, Neuroscience. Advisor: Natalia DeMarco. **Thesis:** *Activity-Dependent Programs for the Assembly of GABAergic Circuits in the Somatosensory Cortex.*

**Li, Xinghuo**, PhD, Cell & Developmental Biology. Advisor: Renier Brentjens. **Thesis:** *Optimizing Chimeric Antigen Receptor (CAR) T Cells for an Enhanced and Broadened Anti-Tumor Immune Response via IL-36 $\gamma$ .*

**Mackay, Matthew Joseph Donald**, PhD, Tri-Institutional Computational Biology & Medicine Program. Advisor: Christopher Mason. **Thesis:** *Multi-Omic Risk Profiling and Genetically-Engineered Cellular Therapy Designs for Oncology and Aerospace Medicine.*

**McCann, Chase Daniel**, PhD, Immunology & Microbial Pathogenesis. Advisor: R. Brad Jones. **Thesis:** *Identifying Mechanisms of Immune Evasion to Enhance Development of Immunotherapeutic Approaches for HIV Cure.*

**Ramalingam, Pradeep**, PhD, Cell & Developmental Biology. Advisor: Jason Butler. **Thesis:** *Regulation of Hematopoiesis by the Vascular Endothelium.*

**Xianyu, Anjin**, PhD, Physiology, Biophysics & Systems Biology. Advisors: Songhai Shi and Alexandra Joyner. **Thesis:** *Circuit Organization of the Thalamic Reticular Nucleus.*

**Xue, Jenny Yaohua**, PhD, Cell & Developmental Biology. Advisor: Piro Lito. **Thesis:** *Tumor Adaptation to Novel Mitogen-Activated Protein Kinase Signaling Inhibitors at Single-Cell Resolution.*

**Yomtoubian, Shira**, PhD, Pharmacology. Advisor: Vivek Mittal. **Thesis:** *Inhibition of EZH2 Catalytic Activity Selectively Targets a Metastatic Subpopulation in Triple-Negative Breast Cancer.*

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**December 31, 2020**

**Abd Wahab, Syafiq**, PhD, Molecular Biology. Advisor: Dirk Remus. **Thesis:** *Eukaryotic DNA Replication Requires Dual-Faceted Nucleosome Dynamics by Histone Chaperones and Controlled Origin Firing by Replicative Helicase Subunit MCM2 and Checkpoint Kinase RAD53.*

**Diaz Salazar Albelda, Carlos**, PhD, Immunology & Microbial Pathogenesis. Advisor: Joseph Sun. **Thesis:** *Cellular Determinants of the Natural Killer Cell Response to Viral Infections.*

**Doane, Ashley Stephen**, PhD, Tri-Institutional Computational Biology & Medicine Program. Advisors: Olivier Elemento and Ari Melnick. **Thesis:** *Transcription Factor Pre-Positioning Facilitates Cell Fate Transition and Chromatin Architecture Changes in Humoral Immunity.*

**Fass, Joshua Hanna**, PhD, Tri-Institutional Computational Biology & Medicine Program. Advisor: John Chodera. **Thesis:** *Quantifying and Minimizing Predictive Uncertainty in Molecular Simulations.*

# Doctors of Philosophy

December 31, 2020 *(continued)*

**Gorelick, Alexander Nathaniel**, PhD, Tri-Institutional Computational Biology & Medicine Program. Advisor: Barry Taylor. **Thesis:** *Cryptic Driver Mutations in Cancer.*

**Han, Teng**, PhD, Cell & Developmental Biology. Advisors: Lukas Dow and Yu Chen. **Thesis:** *Determining the Sensitivity and Resistance of WNT Inhibition in Colorectal Cancer.*

**Işik, Mehtap**, PhD, Tri-Institutional Chemical Biology Program. Advisor: John Chodera. **Thesis:** *Advancing Small Molecule Physicochemical Property Predictions for Computational Drug Discovery.*

**Krishna, Chirag**, PhD, Tri-Institutional Computational Biology & Medicine Program. Advisors: Timothy Chan and Christina Leslie. **Thesis:** *Molecular Determinants of Patient Response to Cancer Immunotherapy.*

**Levine, Olivia Brooke**, PhD, Neuroscience. Advisor: Kristen Pleil. **Thesis:** *The Paraventricular Thalamus Provides a Polysynaptic Brake on Limbic CRF Neurons to Sex-Dependently Blunt Binge Alcohol Drinking and Avoidance Behavior.*

**Lin, Ting-Yu**, PhD, Cell & Developmental Biology. Advisor: Lewis Cantley. **Thesis:** *Acute Induction of Insulin Resistance by Phosphorylation-Dependent Inhibition of PI3K P110 Alpha.*

**Mezias, Christopher**, PhD, Neuroscience. Advisor: Ashish Raj. **Thesis:** *Modeling Spatiotemporal Development of Tau Pathology in Mouse Models Using Directed Whole Brain Connectivity Networks.*

**Nixon, Briana Glyn**, PhD, Immunology & Microbial Pathogenesis. Advisor: Ming Li. **Thesis:** *Tissue-Resident Innate Immunity in Health and Cancer.*

**Odak, Ashlesha**, PhD, Cell & Developmental Biology. Advisor: Michel Sadelain. **Thesis:** *Identification and Targeting of Novel Genomic Safe Harbors for Effective Human Gene Therapy.*

**Scott, Andrew Crosbie**, PhD, Immunology & Microbial Pathogenesis. Advisor: Andrea Schietinger. **Thesis:** *The Role of TOX in T Cell Differentiation and Function.*

**Ser, Zheng**, PhD, Tri-Institutional Chemical Biology Program. Advisor: Alex Kentsis. **Thesis:** *Elucidation of Structure and Interactions of DNA Binding Protein Complexes Through Mass Spectrometry Proteomics.*

**Shi, Jay**, PhD, Cell & Developmental Biology. Advisor: Jennifer Zallen. **Thesis:** *The Regulators of Cell Architecture in Remodeling Tissues.*

**Stern, Chaya**, PhD, Tri-Institutional Chemical Biology Program. Advisor: John Chodera. **Thesis:** *Improving Molecular Mechanics Force Fields via Capturing Non-Local Quantum Effects and Quantifying Parametric Uncertainties.*

**Yusufova, Nevin**, PhD, Molecular Biology. Advisor: Ari Melnick. **Thesis:** *Nuclear Architecture and Epigenetic Mechanisms of Histone 1 Deficiency within Humoral Immune Response and Lymphomagenesis.*

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**May 20, 2021**

**Asi, Nimra**, PhD, Cell & Developmental Biology. Advisor: Timothy A. Ryan. **Thesis:** *Dynamics of GLUT4 at Neuronal Dendrites.*

**Banks, Kelly Madigan**, PhD, Cell & Developmental Biology. Advisor: Todd R. Evans. **Thesis:** *Regulation of Neutrophil Development and Function by Tet Proteins.*

**Bebernitz, Christina E.**, PhD, Pharmacology. Advisor: Renier Brentjens. **Thesis:** *Interleukin 12 and Interleukin 18 Combination Improves Activation of Adoptively Transferred T Cells in Solid Tumors.*

**Dacek, Megan M.**, PhD, Pharmacology. Advisor: David A. Scheinberg. **Thesis:** *Potentiating Innate Immunity with Engineered CAR T Cells.*

**Das, Tapojyoti**, PhD, Biochemistry & Structural Biology. Advisor: David Eliezer. **Thesis:** *Structure-Function Analysis of a Model for Alpha-Synuclein Function.*

**Dhamala, Elvisha**, PhD, Neuroscience. Advisor: Amy Kuceyeski. **Thesis:** *Multimodal Connectome Mapping of Sex Differences and Cognitive Abilities: A Machine Learning Approach.*



# Doctors of Philosophy

May 20, 2021 (continued)

**Dixon, Gary Raymond**, PhD, Cell & Developmental Biology. Advisor: Danwei Huangfu. **Thesis:** *Uncovering Regulators of DNA Methylation in Human Embryonic Stem Cells.*

**Funnell, Tyler Andrew**, PhD, Tri-Institutional Computational Biology & Medicine Program. Advisor: Sohrab Shah. **Thesis:** *Genomic Consequences of Breast and Ovarian Cancer Mutational Processes in Patient Populations and Single Cells.*

**Garg, Vidur**, PhD, Cell & Developmental Biology. Advisor: Anna-Katerina Hadjantonakis. **Thesis:** *Cell Fate Specification in the Mouse Blastocyst and the Emergence of Pluripotency.*

**Gottshall, Jackie L.**, PhD, Neuroscience. Advisor: Nicholas Schiff. **Thesis:** *Sleep-Specific Biomarkers of Large-Scale Brain Function in Chronic Disorders of Consciousness.*

**Kunar, Balvir, Jr.**, PhD, Physiology, Biophysics & Systems Biology. Advisor: Shahin Rafii. **Thesis:** *Characterization of Organ-Level Specification of Murine Vascular Endothelial Cells from Embryonic-Stage to Post-Puberty Adulthood.*

**Lee, Chan**, PhD, Cell & Developmental Biology. Advisor: Michael Overholtzer. **Thesis:** *Mechanisms of Lysosome Turnover.*

**Lee, Jonghan**, PhD, Tri-Institutional Chemical Biology Program. Advisor: Derek Tan. **Thesis:** *Targetable Cellular Micropharmacies: Engineering CAR-T Cells to Activate Small Molecule Prodrugs.*

**Nie, Pengju**, PhD, Pharmacology. Advisor: Yueming Li. **Thesis:** *Development of Chemical Probes for Cancer and Neurodegenerative Diseases: From Imaging to Mechanistic Insights.*

**Pelham-Webb, Barbara**, PhD, Physiology, Biophysics & Systems Biology. Advisor: Effie Apostolou. **Thesis:** *The Molecular Resetting of Pluripotent Stem Cell Identity during Mitotic Exit.*

**Ricketts, Camir Neville**, PhD, Tri-Institutional Computational Biology & Medicine Program. Advisor: Iman Hajirasouliha. **Thesis:** *Method Development for Comprehensive Analysis of Somatic Structural Variants and Tumor Phylogeny Inference.*

**Sahin, Merve**, PhD, Tri-Institutional Computational Biology & Medicine Program. Advisor: Christina Leslie. **Thesis:** *Quantitative Methods for Integrated Analysis of Chromosome Conformation Capture Data.*

**Schrader, Sarah Michelle**, PhD, Immunology & Microbial Pathogenesis. Advisors: Carl F. Nathan and Julien Vaubourgeix. **Thesis:** *Perturbation of Arginine Biosynthesis in Mycobacteria Elicits Multiple Forms of Resistance to Antibiotics with Other Targets.*

**Shakiba, Mojdeh**, PhD, Physiology, Biophysics & Systems Biology. Advisor: Andrea Schietinger. **Thesis:** *Drivers of CD8 T Cell Dysfunction in Tumors.*

**Smith, Alison Elizabeth**, PhD, Cell & Developmental Biology. Advisor: Sarat Chandarlapaty. **Thesis:** *Activation and Regulation of PI3K and MAPK Pathways in Breast Cancer.*

**Tang, Fanying**, PhD, Molecular Biology. Advisor: Ekta Khurana. **Thesis:** *Identification and Characterization of Novel Subtypes of Castration-Resistant Prostate Cancer.*

**Thibado, Jordana Kathryn**, PhD, Physiology, Biophysics & Systems Biology. Advisor: Joshua Levitz. **Thesis:** *Deciphering Transmembrane Domain Assembly and Activation in Metabotropic Glutamate Receptors.*

**Wiewiora, Rafal Piotr**, PhD, Tri-Institutional Chemical Biology Program. Advisor: John Chodera. **Thesis:** *Rigorous Construction of Markov State Models for Conformationally Selective Drug Design.*

**Wohlhieter, Corrin A.**, PhD, Pharmacology. Advisor: Charles Rudin. **Thesis:** *Concurrent Mutations in STK11 and KEAP1 Promote Ferroptosis Protection and SCD1 Dependence in Lung Cancer.*

**Xu, Ke**, PhD, Immunology & Microbial Pathogenesis. Advisor: Ming Li. **Thesis:** *Metabolic Regulation of T Cell Immunity.*

# Alumni Award of Distinction 2021

**Weill Cornell Graduate School  
of Medical Sciences**

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# Weill Cornell Graduate School of Medical Sciences Alumni Award of Distinction

Eric J. Huang, MD, PhD '93

Dr. Eric Huang is professor of pathology at the University of California San Francisco (UCSF) School of Medicine. He received his medical degree from National Taiwan University and his doctorate from Weill Cornell Medicine. After a residency in pathology at UCSF, Dr. Huang did postdoctoral training with Dr. Louis Reichardt at UCSF, where he was supported by the Howard Hughes Medical Institute Postdoctoral Fellowship for Physicians. Dr. Huang's research bridges the gap between neurobiology and neuropathology. His work makes fundamental contributions to the understanding of the mechanisms that control neuronal survival and cell death, as well as of the disease pathogenesis in amyotrophic lateral sclerosis (ALS) and frontotemporal dementia (FTD). His most recent studies revealed the previously unappreciated role of microglia in neural circuit-specific synaptic pruning and disease pathogenesis in FTD, providing critical insights and paths toward therapeutic discovery.

While at Weill Cornell Graduate School of Medical Sciences, Dr. Huang worked under the guidance of Dr. Peter Besmer and was involved in the cloning, mapping and characterizing of the mouse c-kit ligand, also known as Stem Cell Factor (SCF) or Steel factor. For this work, Dr. Huang received the Frank Lappin Horsfall, Jr. Fellowship at Memorial Sloan Kettering Cancer Center in 1990 and the Vincent du Vigneaud Award of Excellence at Weill Cornell Medicine in 1991. Dr. Huang is also a recipient of the Presidential Early Career Award for Scientists and Engineers, the Independent Scientist Award from the National Institute of Neurological Disorders and Stroke, and the Senior Clinician Scientist Investigator Award from the U.S. Department of Veterans Affairs.

Aside from being an outstanding physician-scientist, Dr. Huang has mentored many students and postdoctoral fellows, exemplifying his commitment to training the next generation of scientists. For his contributions to mentoring, Dr. Huang received the Outstanding Mentor Award given by the Biomedical Science Graduate Program at UCSF in 2019.

# **Siegel Family Faculty Awards 2020 and 2021**

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# Jeanne and Herbert Siegel Faculty Development Award

**2020**

Judy Tung, MD

Dr. Judy Tung joined the faculty at Weill Cornell Medicine in 2001 as instructor in medicine and is an academic general internist committed to providing high quality, comprehensive primary care. She was promoted to assistant professor in 2002 and associate professor in 2012. Dr. Tung currently serves the medical college as the associate dean for faculty development. Her philosophy of practice prioritizes communication and continuity. Her clinical interests are in women's health and preventive medicine.

Dr. Tung is a graduate of Wesleyan University and received her medical degree from Albert Einstein College of Medicine of Yeshiva University in 1997. She completed her internal medicine residency at University of California San Francisco in 2000. Prior to joining Weill Cornell Internal Medicine Associates practice in 2001, Dr. Tung served one year as a chief resident in primary care internal medicine at New York University.

**2021**

Dan Avi Landau, MD, PhD

Dr. Dan Avi Landau is associate professor of medicine and assistant professor of physiology and biophysics at Weill Cornell Medicine. He also serves as a core member of the New York Genome Center. Dr. Landau is a hematologist-oncologist who takes care of patients with blood cancer and whose long-term goal is using novel technologies to address cancer evolution as a central obstacle to cure.

Dr. Landau has received an NIH Director's New Innovator Award, and his laboratory, part of the Sandra and Edward Meyer Cancer Center and the New York Genome Center, is funded by the National Cancer Institute and the National Heart, Lung and Blood Institute. His work has led to recognition and awards from the Entertainment Industry Foundation's Stand Up to Cancer division, Burroughs Wellcome Fund and the Vallee Foundation.

Dr. Landau received both his undergraduate and medical degrees from Tel Aviv University in Israel. He completed his doctorate at Université de Paris in France..



# Jeanne and Herbert Siegel Award for Outstanding Medical Research

**2020**

**M. Virginia Pascual, MD**

Dr. M. Virginia Pascual, a renowned physician-scientist specializing in pediatric rheumatology, joined Weill Cornell Medicine in 2017 and is director of the Gale and Ira Drukier Institute for Children's Health and the Ronay Menschel Professor of Pediatrics. Dr. Pascual came from the Baylor Institute for Immunology Research, where she was director of the Center for Inflammation and Genomic Medicine.

As director of the Drukier Institute, Dr. Pascual is guiding the development and expansion of the institute's research portfolio to include an array of pediatric clinical and translational disciplines. In addition, she leads the institute's pediatric autoimmunity and inflammatory disease working group, which is focused on understanding the molecular basis of pediatric inflammatory diseases such as systemic lupus erythematosus, juvenile dermatomyositis, Kawasaki disease and juvenile idiopathic arthritis, and identifying biomarkers as well as targets for innovative therapies.

Dr. Pascual received her medical degree from the Facultad de Medicina, Universidad Complutense in Madrid, Spain. She completed her residency in pediatrics at Hospital "12 de Octubre," Universidad Complutense in Madrid, followed by a postdoctoral fellowship at the University of Texas Southwestern Medical Center, joining the faculty in 1990.

**2021**

**Julie Magarian Blander, PhD**

Dr. Julie Magarian Blander is the Gladys and Roland Harriman Professor of Immunology in Medicine at Weill Cornell Medicine. She studies the molecular and cellular mechanisms of innate and adaptive immune responses to infection and cell death. Dr. Blander holds a secondary appointment within the Department of Microbiology and Immunology at Weill Cornell Medicine and is a member of the Sandra and Edward Meyer Cancer Center.

Dr. Blander is committed to advancing research in inflammatory bowel disease, serving as a member of the senior research awards committee for the Crohn's and Colitis Foundation. She received a 2018 Daedalus Award for Innovation from Weill Cornell Medicine and a 2019 Sanofi Award for Innovation. In April 2020, Dr. Blander founded the Weill Cornell Medicine immunology task force on COVID-19 to foster collaboration and fuel Weill Cornell Medicine research on this new disease. She is currently funded by grants from the National Institutes of Health NIAID and NIDDK.

Dr. Blander received her doctorate from the University of Pittsburgh studying tumor immunology and conducted her postdoctoral training at Yale University, pioneering the study of the impact of toll-like receptors on macrophage and dendritic cell function.

# Jeanne and Herbert Siegel Award for Excellence in Medical Education

**2020**

**Anthony Ogedegbe, MD**

Dr. Anthony Ogedegbe joined the faculty at Weill Cornell Medicine in 2003 as instructor in medicine; he was promoted to assistant professor in 2006. Dr. Ogedegbe is a hospitalist who cares for hospitalized patients only and does not have out-patient practices. His academic interests include devising ways to improve medical student and house staff bedside diagnostic skills, clinical reasoning and documentation.

Dr. Ogedegbe helped co-lead the internal medicine clerkship and has now run the medical sub-internship for years. He is a beloved educator who has an inspiring knowledge of medicine and a continuing curiosity that engages others. Most recently, he worked to change the sub-internship to include a portion of nights so that the students could have an experience both in admitting—as most admissions come in at night—and in cross coverage. His dedication to creating the best experience for students resulted in continuous feedback and tweaks to this portion of the rotation.

Dr. Ogedegbe is a graduate of the University of Rochester and received his medical degree from the University of Rochester School of Medicine and Dentistry. Prior to joining the Division of Hospital Medicine, he spent five years in the Division of Infectious Diseases caring for HIV-positive individuals at the NewYork-Presbyterian Center for Special Studies.

**2021**

**Dana L. Gurvitch, MD**

Dr. Dana L. Gurvitch is assistant dean of clinical curriculum and an assistant professor of clinical anesthesiology at Weill Cornell Medicine. In conjunction with her clinical responsibilities, Dr. Gurvitch has undertaken a number of educational initiatives, including the development and implementation of a course on anesthesia, circulation and ventilation, the design of a skills-based seminar pertaining to airway management, and the creation of online educational and instructional videos for use in medical education.

In addition to actively participating in medical education for over twenty years, Dr. Gurvitch has served on the board of admissions at the medical college, co-directed the anesthesia/critical care clerkship, and been engaged in mentoring and advising medical students. In response to the COVID-19 pandemic, Dr. Gurvitch created and implemented a COVID-vaccinator training program for Weill Cornell medical students focused on serving our neediest communities. She is defined by dual roles as an academic clinician and medical educator and is committed to advocating for student achievement and education.

Dr. Gurvitch received her medical degree from the University of Illinois School of Medicine and completed her residency in anesthesiology at NewYork-Presbyterian/Weill Cornell Medical Center in 1996.

# Jeanne and Herbert Siegel Award for Excellence in Emergency Medicine

**2020**

**Flavio Gaudio, MD**

Dr. Flavio Gaudio is the medical director of the nurse practitioner program in emergency medicine and an assistant professor of clinical emergency medicine at Weill Cornell Medicine.

Dr. Gaudio possesses extensive teaching, clinical and research experience, and has repeatedly won the commendation of his colleagues and patients for his approach to clinical care of patients and his acumen as a teacher and supervisor of physician residents, interns, nurse practitioners, physician assistants and medical students.

Dr. Gaudio earned his medical degree from Renaissance School of Medicine at Stony Brook University, part of The State University of New York system. Prior to joining Weill Cornell Medicine, Dr. Gaudio worked as an emergency physician at Kendall Regional Medical Center in Miami, Florida and Nyack Hospital in Nyack, New York.

**2021**

**Maria Lame, MD**

Dr. Maria Lame is assistant professor of clinical emergency medicine and assistant professor of clinical pediatrics at Weill Cornell Medicine. Dr. Lame is board certified in pediatrics and pediatric emergency medicine and practices pediatric emergency medicine at NewYork-Presbyterian and Weill Cornell Medicine.

Dr. Lame's academic interests include medical education and simulation. She also plays a key role in both Weill Cornell Medicine's and the Department of Emergency Medicine's many diversity initiatives. She has served as a mentor for both Weill Cornell Medicine's diversity center of excellence mentorship cascades program and underrepresented in medicine (URiM) pediatric residents.

Dr. Lame earned her medical degree from SUNY Downstate Health Sciences University in Brooklyn and completed her pediatric residency training at Jacobi Medical Center in the Bronx. Subsequently, she completed a fellowship in pediatric emergency medicine at New York University School of Medicine/Bellevue Hospital Center.

# Donald J. D'Amico, MD Award for Excellence in Ophthalmology

**2020**

**Christopher E. Starr, MD '97**

Dr. Christopher E. Starr is an associate professor of ophthalmology, director of ophthalmic education and director of the fellowship program in cornea, cataract and laser vision correction surgery at Weill Cornell Medicine. His practice interests include innovative laser vision correction, restorative corneal surgery, advanced cataract surgery with premium IOL's, as well as dry eye and general ophthalmology.

In addition to his busy practice, Dr. Starr is an active and accomplished researcher and lecturer. He has contributed extensively to the ophthalmic literature, authoring numerous peer-reviewed papers, textbook chapters, original articles and scientific presentations. He has been the principal investigator of many clinical trials and has a robust research program at Weill Cornell Medicine.

Dr. Starr attended Brown University as an undergraduate and received his medical degree with honors from Weill Cornell Medical College. He completed his ophthalmology residency training at Massachusetts Eye and Ear. Dr. Starr then completed an advanced fellowship program in cornea, cataract and laser vision correction surgery at Johns Hopkins Medicine's Wilmer Eye Institute. From 2006 to 2012, Dr. Starr was the director of the residency program in ophthalmology at NewYork-Presbyterian/Weill Cornell Medical Center.

**2021**

**Ana G. Alzaga Fernández, MD**

Dr. Ana G. Alzaga Fernández is an assistant professor of ophthalmology at Weill Cornell Medicine. She provides comprehensive eye care and specializes in cornea, refractive and cataract surgery as a member of Weill Cornell Eye Associates.

Dr. Alzaga Fernández focuses on providing excellence in patient care and her ability to speak fluent Spanish, Italian and French bridges language gaps to ensure the best patient experience. Her main clinical interests are corneal and anterior segment diseases in both adult and pediatric populations, ocular surface disorders, dry eye, corneal transplantation, cataract surgery and laser vision correction. She is highly committed to medical student and resident education.

Dr. Alzaga Fernández graduated from the medical school of the Universidad Autónoma de Tamaulipas in Tampico, Mexico. She then completed a research fellowship at the Retinal Vascular Center at St. Joseph's Hospital in Houston. She pursued her ophthalmology training at the Henry Ford Hospital in Detroit. She was selected to be chief resident with her main focus in research development amongst her peers. After residency, she completed a one-year fellowship program in cornea, cataract and refractive surgery at

# Richard D. Granstein, MD Award for Excellence in Dermatology

**2020**

**Anna Bender-Zeckendorf, MD**

Dr. Anna Bender-Zeckendorf is an assistant professor of dermatology in clinical pediatrics and assistant professor of clinical dermatology at Weill Cornell Medicine. She specializes in treating dermatological problems in infants, children and adolescents, and also enjoys caring for adults and older patients.

Dr. Bender-Zeckendorf majored in neuroscience and graduated summa cum laude from Amherst College. She received her medical degree from Columbia University College of Physicians and Surgeons and completed her internship in internal medicine at Saint Vincent's Hospital in New York City. After her internship, she completed residency training in dermatology at NewYork-Presbyterian/Weill Cornell Medical Center. Following her residency training, Dr. Bender completed an additional year of specialized fellowship training in pediatric dermatology at The Johns Hopkins University School of Medicine. This advanced training makes her distinctly qualified to care for children with skin conditions.

**2021**

**Kira Minkis, MD, PhD**

Dr. Kira Minkis is an associate professor of clinical dermatology at Weill Cornell Medicine. She specializes in the treatment and prevention of skin cancer, and has extensive training in surgical removal of early stage melanoma with precise microscopic examination of the surgical margin. Due to her extensive research experience in the role that the immune system plays in skin cancer, Dr. Minkis is very interested in caring for patients at high risk for skin cancer development, such as those with altered immune systems following organ transplantation.

Dr. Minkis received her Bachelor of Arts in chemistry with honors from New York University. She pursued her medical education and doctorate in molecular oncology and immunology at New York University School of Medicine. Dr. Minkis completed her training in dermatology at NewYork-Presbyterian/Weill Cornell Medical Center. Following her residency training, Dr. Minkis completed a fellowship in procedural dermatology and Mohs micrographic surgery at Northwestern University. As a Weill Cornell Medicine-trained dermatologist, Dr. Minkis strives to continue the tradition of excellence in patient care and scholarly pursuits that distinguishes Weill Cornell Medicine dermatology.



# Dean's Award for Excellence in Mentorship 2021

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# Dean's Award for Excellence in Mentorship

## Teresa A. Milner, PhD

Dr. Teresa A. Milner joined Weill Cornell Medicine in 1982 as a postdoctoral research fellow and continued on the faculty to become a professor of neuroscience in 2003, currently in the Feil Family Brain and Mind Research Institute. Her research focuses on estrogen influences on brain function over the lifecycle.

Dr. Milner has been involved in graduate and medical school teaching, as well as public outreach and diversity efforts, for many years. Throughout her career, Dr. Milner has supported more than 160 mentees, ranging from high school students to senior faculty, in the pursuit of science. Her honors include four previous awards from Weill Cornell Medicine for excellence in teaching and mentoring.

Dr. Milner received her undergraduate degree from the University of California, Irvine and her doctorate from the University of California San Diego.



# Hippocratic Oath

**I do solemnly vow, to that which I value and hold most dear:**

That I will honor the Profession of Medicine, be just and generous to its members, and help sustain them in their service to humanity;

That just as I have learned from those who preceded me, so will I instruct those who follow me in the science and the art of medicine;

That I will recognize the limits of my knowledge and pursue lifelong learning to better care for the sick and to prevent illness;

That I will seek the counsel of others when they are more expert so as to fulfill my obligation to those who are entrusted to my care;

That I will not withdraw from my patients in their time of need;

That I will lead my life and practice my art with integrity and honor, using my power wisely;

That whatsoever I shall see or hear of the lives of my patients that is not fitting to be spoken, I will keep in confidence;

That into whatever house I shall enter, it shall be for the good of the sick;

That I will maintain this sacred trust, holding myself far aloof from wrong, from corrupting, from the tempting of others to vice;

That above all else I will serve the highest interests of my patients through the practice of my science and my art;

That I will be an advocate for patients in need and strive for justice in the care of the sick.

**I now turn to my calling, promising to preserve its finest traditions, with the reward of a long experience in the joy of healing.**

**I make this vow freely and upon my honor.**

# Recipients of Degrees 2021

**Weill Cornell Medical College**

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# Doctors of Medicine

May 20, 2021

Mark Nicholas Alshak

Bryan Kaiyang Ang

Jaskaran Singh Bains

Hanan Baker †

Sarita S. Ballakur

Elena Leigh Beideck \*§

Anthony Finney Blackburn

Joshua William Bliss §

Kimberly Anna Bogardus

Arpita Bose \*

Chelsea Boydston

Clare Arledge Burchenal

Daniel A. Cabrera †

Eric Thaddeus Caliendo

Catherine Mahala Callaway

David Lei Chang

Frank Ruixuan Chen ◇

Kenny Chen

Hongyu Chen

Andrew Cho †

Ah Yeon Chung

Sergio Anthony De La Torre, Jr.

Mytrang Hoang Do †

Lisa Brooke Earnest-Noble †

Andrew Scott Eidelberg

Rahmi Elahji

Mahmoud Eljalby ◇

Emily Rose Eruysal

Noah Zachary Feit ◇

Maya Berit Feldman

Kimberly Nicole Forlenza

Rana Khan Fowlkes

Rachel Leigh Friedlander \*§

Mariam Gadjiko

Shannon Marie Glynn \*§

Anurag Ratan Goel ◇

Ivan Guan

Leora Elizabeth Haber \*

Nicholas Jon Hernandez †

Alex Huang

Jennifer Huang

Doowon Huh †

Sonia Iosim §

Conor Morrow Jones

Aleem Islam Khan

Sohn G. Kim †

Rohini Vijay Kopparam \*§

Karthik Raman Krishnan ◇

Brian Scott LaGrant

Mark Lee ◇

Aretina Ka Yee Leung

Solomon N. Levin †

Kailyn Ruohan Li

Han Li

Bethina Liu

Charalambia Louka §

Brienne Chloe Lubor

Aoife MacMahon

Brady Ikaika Magaoay

Matthew Magruder ◇

Maria A. Minor

Ruth Moges \*

Prithvi Mrinalini Mohan

Jung Kee Mok

Hector Andres Mora \*

Max Francis Morin \*

Sophie Mou §

Sesha Pavan Kumar Myneni

Zachary Joseph Myslinski

Joel Jose Quitlong Nario

Ishani Dhakshika Premaratne ◇

Tatiana Marie Gonzaga Requiyo

Emma Maria Schatoff †

Pooja D. Shah §

Daniel Adib Skaf

Rosanna Marie Sobota \*

Claire Regan Stewart \*

Michelina Diona Stoddard †

Ahmed Toure

Claire Isabelle Catherine Verret ◇

Gal Wald \*

Bukhtawar Waqas

Graham Thomas Wehmeyer

Ashley Wu ◇§

Annie Yau ◇§

Andrew Lukas Yin \*◇

Melissa Yuan

Joshua Alexander Zeitlin

Dalee Margaret Zhou †

Aryeh Reuven Zolin †

Approval contingent on their successful completion of the academic program

\* Alpha Omega Alpha Honor Medical Society/with Academic Distinction

◇ with Honors in Research

§ with Honors in Service

† Weill Cornell/Rockefeller/Sloan Kettering Tri-Institutional MD-PhD Program Graduate



# Alumni Award of Distinction 2021

**Weill Cornell Medical College**

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# Weill Cornell Medical College Alumni Association Award of Distinction

## Peter J. Hotez, MD '87, PhD

Dr. Peter J. Hotez is dean of the National School of Tropical Medicine and professor of pediatrics and of molecular virology and microbiology at Baylor College of Medicine, and university professor at Baylor University. He earned his undergraduate degree in molecular biophysics from Yale University, his doctorate in biochemistry from The Rockefeller University and his medical degree from Weill Cornell Medical College.

Dr. Hotez is an internationally recognized physician-scientist in neglected tropical diseases and vaccine development. A champion of increasing global access to vaccinations, in 2006, while at the Clinton Global Initiative, Dr. Hotez co-founded the Global Network for Neglected Tropical Diseases to provide access to essential medicines worldwide. He also founded a non-profit, academic-based product development partnership for neglected tropical disease vaccines (schistosomiasis, hookworm, Chagas disease). Additionally, he is co-leading efforts for a new low-cost COVID-19 "people's vaccine" produced and tested in India. Most recently, Dr. Hotez has led national efforts to defend vaccines against opponents of vaccinations.

Dr. Hotez has written more than 600 original papers and is the author of four single-author books, including "Preventing the Next Pandemic: Vaccine Diplomacy in a Time of Anti-Science." A former president of the American Society of Tropical Medicine and Hygiene, Dr. Hotez is founding editor-in-chief of PLoS Neglected Tropical Diseases. He is an elected member of the National Academy of Medicine and the American Academy of Arts & Sciences.

Dr. Hotez is a recipient of the Abraham Horwitz Award for Excellence in Leadership in Inter-American Health by the World Health Organization and has been recognized by B'nai B'rith and Research!America. The American Society of Tropical Medicine and Hygiene recognized his work with the Award for Leadership in Advocacy for Vaccines in 2019. His extensive public service includes his selection as a U.S. envoy for vaccine diplomacy initiatives during the Obama administration. In 2020-21, Dr. Hotez emerged as one of America's leading voices for the COVID-19 pandemic and national and global vaccination efforts.

# Cornell University Alma Mater

Far above Cayuga's waters,  
With its waves of blue,  
Stands our noble Alma Mater,  
Glorious to view.

Far above the busy humming  
of the bustling town,  
Reared against the arch of heaven,  
Looks she proudly down.

## Chorus

Lift the chorus, speed it onward,  
Loud her praises tell;  
Hail to thee, our Alma Mater,  
Hail, all hail, Cornell.



**Weill Cornell Medicine**