



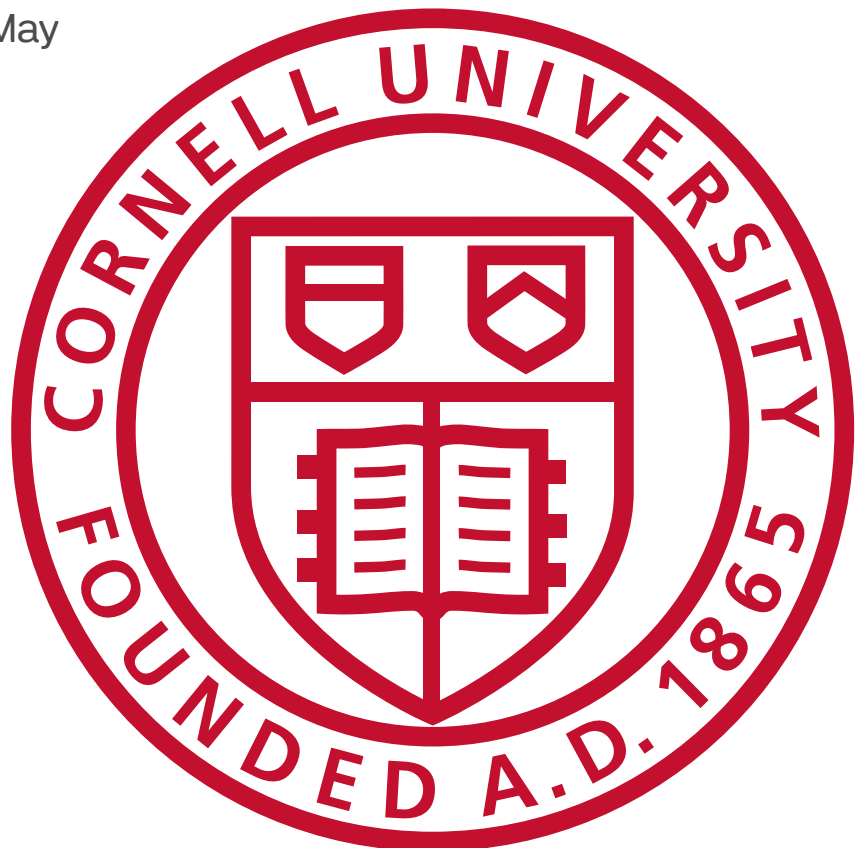
**Weill Cornell
Medicine**

Weill Cornell Medical College

**Weill Cornell Graduate School
of Medical Sciences**

Commencement

Thursday, the Sixteenth of May
Two Thousand Twenty-Four
Noon



Program

Academic Procession

Poppy L. McLeod, Ph.D.
University Marshal

Ronald G. Crystal, M.D.
Macebearer

Presentation of the Academic Assembly

Professor McLeod

Invocation

Ingmar Ludwig, M.Div., B.C.C.

Manager of Spiritual Care & Chaplaincy at NewYork-Presbyterian/
Weill Cornell & East Campuses

Dean's Address to the Graduating Class

Robert A. Harrington, M.D.

Stephen and Suzanne Weiss Dean, Weill Cornell Medicine
Provost for Medical Affairs, Cornell University

President's Address to the Graduating Class

Martha E. Pollack, Ph.D.

President, Cornell University

Graduate School of Medical Sciences

Dean's Address to the Graduating Class

Barbara L. Hempstead, M.D., Ph.D.

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

Chloe Lopez-Lee

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

Cynthia Leifer, Ph.D. '00

Kate Rochlin, Ph.D. '14

Co-Chair, Weill Cornell Graduate School Alumni Advisory Council

Swan Lake by Pyotr Ilyich Tchaikovsky

Music & Medicine

Artistic Director: Richard M. Kogan, M.D.

Flute: Nell Borys M.D. '25

Oboe: Grant Michael Luhmann M.D. '24

Clarinet: Hannah Huei-Lan Hwang M.D. '24

Bassoon: Benjamin Tonnu Jackson M.D., Ph.D. '25

Horn: Shuai Yan Ph.D. '30

Violins: Emily Cheng M.D. '24, Jodie Rae Nghiem M.D. '24

Violas: Emily Jean Mello M.D. '24, Annie Wu M.D. '27

Cello: Bryce Katch M.D., Ph.D. '31

Piano: Neville Navder Dusaj M.D., Ph.D. '24

Presentation of the Jeanne and Herbert Siegel Award for Excellence in Medical Education to

Thanakorn Jirasevijinda, M.D.

Dean Harrington

Presentation of the Jeanne and Herbert Siegel Award for Outstanding Medical Research to

Ari Matthew Melnick, M.D.

Dean Harrington

Presentation of the Jeanne and Herbert Siegel Faculty Development Award to

Erica Phillips, M.D.

Dean Harrington

Presentation of the Dean's Award for Excellence in Mentorship to

Mark M. Souweidane, M.D.

Dean Harrington

Presentation of the Medical College Alumni Association Award of Distinction to

Joseph J. Fins, M.D. '86

Kathleen M. Foley, M.D. '69

President, Weill Cornell Medical College Alumni Association

Introduction of the Medical College Student Speaker

Dean Harrington

Address by the Student Speaker

Diksha Ashwin Brahmabhakt

Weill Cornell Medical College

Presentation of the Candidates for the Degree of Master of Science Physician Assistants

Dean Harrington

Conferment of the Degree of Master of Science in Health Sciences for Physician Assistants

President Pollack

Administration of the Hippocratic Oath

Dean Harrington

Presentation of the Candidates for the Degree of Doctor of Medicine

Dean Harrington

Conferment of the Degree of Doctor of Medicine

President Pollack

Farewell to the Graduates

Dean Harrington

Alma Mater

Benediction

Reverend Ludwig

Recessional

Kindly hold applause until all presentations are completed

Recipients of Degrees 2024

**Weill Cornell Graduate School
of Medical Sciences**

Masters of Science

August 31, 2023

Alqahtani, Sara Hassan M., M.S., Health Policy and Economics. Advisor: Beth McGinty. **Thesis:** *Assessing How Mergers and Acquisitions of Behavioral Health Organizations Affect the U.S. Mental Health and Substance Use Disorder Treatment Workforce.*

Apostol, Viviane Cen, M.S., Health Policy and Economics. Advisor: Mark Unruh. **Thesis:** *Growth in Medicare Advantage Enrollment and Access to Post-Acute Care in Skilled Nursing Facilities.*

Bartlett, Kelly Lin, M.S., Health Informatics. Advisor: Chengxi Zang. **Thesis:** *Data Science Approaches to Understanding the Resolution of Fibrosis.*

Bhattacharya, Ayush, M.S., Biostatistics and Data Science. Advisor: Kathy Zhou. **Thesis:** *Real World Evidence Team.*

Bhimani, Pranav, M.S., Biostatistics and Data Science. Advisor: Samprit Banerjee. **Thesis:** *Clinical Characteristics of Mothers Who are Experiencing Postpartum Mood Difficulties in a Retrospective Analysis of EHR Data.*

Cardona, Angelyse Joy, M.S., Health Policy and Economics. Advisor: Sze Liu. **Thesis:** *Understanding and Advancing Menstrual Equity in New York City.*

Carter, Katharine, M.S., Cell and Developmental Biology. Advisor: Kristy Brown.

Chen, Ziwei, M.S., Biostatistics and Data Science. Advisor: Zhenmin Chen. **Thesis:** *Testing and Calibration of Low-Cost Air Pollution Monitoring Devices.*

Cheng, Jiayue, M.S., Biostatistics and Data Science. Advisor: Wodan Ling. **Thesis:** *Comparing Transcriptomic Signature of Single- and Clustered-Circulating Tumor Cells (CTCs) from Various Tumor Origins.*

Cheng, Shuyan, M.S., Health Informatics. Advisor: Mark Weiner. **Thesis:** *Human-AI Interaction Evaluation for Product Design and Safety.*

Cheng, Zhengpei, M.S., Health Informatics. Advisor: Mark Weiner. **Thesis:** *Understanding the Scope of Future Looking Statements.*

Costa Pimentel, Eric, M.S., Health Policy and Economics. Advisor: Beth McGinty. **Thesis:** *Assessing How Mergers and Acquisitions of Behavioral Health Organizations Affect the U.S. Mental Health and Substance Use Disorder Treatment Workforce.*

Dai, Yinglin, M.S., Biostatistics and Data Science. Advisor: Samprit Banerjee. **Thesis:** *Clinical Characteristics of Mothers Who are Experiencing Postpartum Mood Difficulties in a Retrospective Analysis of EHR Data.*

Daiter, Maya Julia, M.S., Health Informatics. Advisor: Yiye Zhang. **Thesis:** *Supporting Personalized Pregnancy Care using Artificial Intelligence.*

Dang, Taylor Minh, M.S., Health Informatics. Advisor: Sze Liu. **Thesis:** *Understanding and Advancing Menstrual Equity in New York City.*

DiMari, Connie L., M.S., Health Policy and Economics. Advisor: Druv Khullar. **Thesis:** *Physician Perspective: The Unintended Consequences of Value-Based Payment Programs.*

Dong, Jing, M.S., Health Informatics. Advisor: Mark Weiner. **Thesis:** *Educational Platform for Early Gastric Cancer and Use of AI.*

Dong, Xiangning, M.S., Biostatistics and Data Science. Advisor: Kathy Zhou. **Thesis:** *Exploration of Predictive Value of Tumor Mutational Burden and Cancer Type Interaction.*

Ebubeogu, Amarachukwu Felix, M.S., Health Informatics. Advisor: Ali Jalali. **Thesis:** *Adult Attitudinal Survey Redesign for 2022/23.*

Gong, Yifan, M.S., Health Policy and Economics. Advisor: Mark Unruh. **Thesis:** *Growth in Medicare Advantage Enrollment and Access to Post-Acute Care in Skilled Nursing Facilities.*

Guan, Dian, M.S., Health Informatics. Advisor: Mark Weiner. **Thesis:** *Understanding the Scope of Future Looking Statements.*

Guo, Jiayi, M.S., Biostatistics and Data Science. Advisor: Karla Ballman. **Thesis:** *Essential Hypotension and Comorbidities.*

Hu, Jiefei, M.S., Biostatistics and Data Science. Advisor: Zhengming Chen. **Thesis:** *Testing and Calibration of Low-Cost Air Pollution Monitoring Devices.*

Hu, Zixuan, M.S., Health Informatics. Advisor: Mark Weiner. **Thesis:** *Human-AI Interaction Evaluation for Product Design and Safety.*

Huang, Hsiang-Ching, M.S., Health Policy and Economics. Advisor: Shashi Kapadia. **Thesis:** *Trends in Incidence of Serious Injection Related Infections and Associated Hospital Costs in New York State from 2015-2018.*

Hulchafo, Ismael Ibrahim, M.S., Health Informatics. Advisor: Mark Weiner. **Thesis:** *Educational Platform for Early Gastric Cancer and Use of AI.*

Jiang, Huijie, M.S., Health Policy and Economics. Advisor: Mark Weiner. **Thesis:** *Human-AI Interaction Evaluation for Product Design and Safety.*

Khandare, Prachi Dronacharya, M.S., Health Informatics. Advisor: Marianne Sharko. **Thesis:** *Patient Privacy and Trust in the Setting of Increased Access to Electronic Health Information.*

Kim, Royoung, M.S., Health Informatics. Advisor: Kathy Zhou. **Thesis:** *Identify the Influence of Provocative Contents on Social Media to Adolescents and Young Adults Causing Post-Traumatic Stress Disorder (PTSD).*

Kuchin, Katherine, M.S., Tri-Institutional Program in Computational Biology and Medicine. Advisor: Iman Hajirasouliha.

Masters of Science

August 31, 2023 (continued)

Kwon, Minhee, M.S., Biostatistics and Data Science. Advisor: Samprit Banerjee **Thesis:** *Clinical Characteristics of Mothers who are Experiencing Postpartum Mood Difficulties in a Retrospective Analysis of EHR Data.*

Lee, Seung Yon, M.S., Health Policy and Economics. Advisor: Beth McGinty. **Thesis:** *Developing Policy Recommendations to Incentivize Vaccine Development for Pregnancy and Early Life.*

Lei, Wanni, M.S., Biostatistics and Data Science. Advisor: Kathy Zhou. **Thesis:** *Optimal Bayesian Pick-the-Winner Design for Phase II Clinical Trials.*

Li, Qilu, M.S., Health Informatics. Advisor: Chengxi Zang. **Thesis:** *Data Science Approaches to Understanding the Resolution of Fibrosis.*

Li, Wenlan, M.S., Health Policy and Economics. Advisor: Chengxi Zang. **Thesis:** *Data Science Approaches to Understanding the Resolution of Fibrosis.*

Li, Wentao, M.S., Biostatistics and Data Science. Advisor: Arindam RoyChoudhury. **Thesis:** *Refining a Distributed Language Model to Address Named Entity Recognition in Scholarly Content.*

Li, Xinrui, M.S., Health Policy and Economics. Advisor: Yiye Zhang. **Thesis:** *Influence of Virtual Postpartum Support on Maternal Mental Health Outcomes.*

Li, Yaoting, M.S., Health Informatics. Advisor: Mark Weiner. **Thesis:** *Understanding the Scope of Future Looking Statements.*

Lieber, Sarah Beth, M.S., Clinical & Translational Investigation. Advisor: Lisa Mandl, Iris Navarro Millan, and Manney Reid. **Thesis:** *Agining in Systemic Lupus Erythematosus.*

Liu, Baikang, M.S., Health Policy and Economics. Advisor: Yiye Zhang. **Thesis:** *Influence of Virtual Postpartum Support on Maternal Mental Health Outcomes.*

Liu, Hanyu, M.S., Biostatistics and Data Science. Advisor: Arindam RoyChoudhury. **Thesis:** *Refining a Distributed Language Model to Address Named Entity Recognition in Scholarly Content.*

Liu, Haotian, M.S., Biostatistics and Data Science. Advisor: Oleksandr Savenkov. **Thesis:** *Classifying Privacy Risks in EHR Unstructured Clinical Note Sharing through NLP.*

Liu, Panyi, M.S., Biostatistics and Data Science. Advisor: Kathy Zhou. **Thesis:** *Tumor Growth Measurement Patterns on Treatment Effects Assessment.*

Liu, Xuyang, M.S., Biostatistics and Data Science. Advisor: Arindam RoyChoudhury. **Thesis:** *Refining a Distributed Language Model to Address Named Entity Recognition in Scholarly Content.*

Liu, Yafei, M.S., Health Policy and Economics. Advisor: Will Schpero. **Thesis:** *Benefits of the New York Health Act for New York Assembly District 30.*

Liu, Yijia, M.S., Biostatistics and Data Science. Advisor: Wodan Ling. **Thesis:** *Comparing Transcriptomic Signature of Single- and Clustered-Circulating Tumor Cells (CTCs) from Various Tumor Origins.*

Liu, Yuan, M.S., Health Informatics. Advisor: Marianne Sharko. **Thesis:** *Patient Privacy and Trust in the Setting of Increased Access to Electronic Health Information.*

Masri, Yasmeen, M.S., Health Policy and Economics. Advisor: Jialin Mao. **Thesis:** *Project CHANGE by LT: Community-based Health Action Network to Generate Trial Participation and Eliminate Disparities.*

Masselink, Stefan, M.S., Health Policy and Economics. Advisor: Will Schpero. **Thesis:** *Benefits of the New York Health Act for New York Assembly District 30.*

Otanez, Nathanael, M.S., Health Policy and Economics. Advisor: Beth McGinty. **Thesis:** *Assessing How Mergers and Acquisitions of Behavioral Health Organizations Affect the U.S. Mental Health and Substance Use Disorder Treatment Workforce.*

Pan, Zhengyi, M.S., Health Informatics. Advisor: Yiye Zhang. **Thesis:** *Influence of Virtual Postpartum Support on Maternal Mental Health Outcomes.*

Rahman, Saanjaana, M.S., Biostatistics and Data Science. Advisor: Karla Ballman. **Thesis:** *Mathmatica Inc.*

Rui, Yuxiao, M.S., Biostatistics and Data Science. Advisor: Wodan Ling. **Thesis:** *Comparing Transcriptomic Signature of Single- and Clustered-Circulating Tumor Cells (CTCs) from Various Tumor Origins.*

Shen, Jiayuan, M.S., Health Policy and Economics. Advisor: Marianne Sharko. **Thesis:** *Patient Privacy and Trust in the Setting of Increased Access to Electronic Health Information.*

Shi, Zhan, M.S., Biostatistics and Data Science. Advisor: Arindam RoyChoudhury. **Thesis:** *Refining a Distributed Language Model to Address Named Entity Recognition in Scholarly Content.*

Smith, Ellen Michelle, M.S., Health Informatics. Advisor: Mark Weiner. **Thesis:** *Understanding the Scope of Future Looking Statements.*

Tan, Wenchy Yik Yin, M.S., Health Policy and Economics. Advisor: Sri Lehka Tummalapalli **Thesis:** *Racial, Ethnic, and Gender Disparities in Patients Admitted for Heart Failure and Chronic Kidney Disease Using the Nationwide Inpatient Sample Database.*

Thakkar, Priyal, M.S., Biostatistics and Data Science. Advisor: Karla Ballman. **Thesis:** *Essential Hypotension and Comorbidities.*

Tseng, Wei-Hsuan, M.S., Health Policy and Economics. Advisor: Shashi Kapadia. **Thesis:** *Trends in Incidence of Serious Injection Related Infections and Associated Hospital Costs in New York State from 2015-2018.*

Wang, Xuesi, M.S., Health Policy and Economics. Advisor: Beth McGinty. **Thesis:** *Developing Policy Recommendations to Incentivize Vaccine Development for Pregnancy and Early Life.*

Masters of Science

August 31, 2023 (continued)

Wang, Zixu, M.S., Health Policy and Economics. Advisor: Beth McGinty. **Thesis:** *Assessing How Mergers and Acquisitions of Behavioral Health Organizations Affect the U.S. Mental Health and Substance Use Disorder Treatment Workforce.*

Wu, Jiaxuan, M.S., Biostatistics and Data Science. Advisor: Oleksandr Savenkov. **Thesis:** *Classifying Privacy Risks in EHR Unstructured Clinical Note Sharing Through NLP.*

Wu, Peizi, M.S., Biostatistics and Data Science. Advisor: Wenna Xi. **Thesis:** *Identifying Factors Associated with US Adolescents' Behaviors and Experiences during COVID-19 Using LASSO Regression on Complex Survey Data.*

Wu, Xia, M.S., Health Informatics. Advisor: Jialin Mao. **Thesis:** *Project CHANGE by LT: Community-based Health Action Network to Generate Trial Participation and Eliminate Disparities.*

Xu, Sirui, M.S., Biostatistics and Data Science. Advisor: Kathy Zhou. **Thesis:** *Tumor Growth Measurement Patterns on Treatment Effects Assessment.*

Yao, Zewei, M.S., Health Policy and Economics. Advisor: Mark Weiner. **Thesis:** *Human-AI Interaction Evaluation for Product Design and Safety.*

Yu, Chenchen, M.S., Health Informatics. Advisor: Yunyu Xiao. **Thesis:** *Investigating Genetic, Lifestyle, and Social Determinants of Causes and Consequences of Suicide Attempts and Psychiatric Conditions in the NIH All of Us Research.*

Zhang, Menghan, M.S., Biostatistics and Data Science. Advisor: Wodan Ling. **Thesis:** *Comparing Transcriptomic Signature of Single- and Clustered-Circulating Tumor Cells (CTCs) from Various Tumor Origins.*

Zhang, Qinghe, M.S., Health Policy and Economics. Advisor: Will Schpero. **Thesis:** *Benefits of the New York Health Act for New York Assembly District 30.*

Zhang, Wenxiao, M.S., Health Informatics. Advisor: Ali Jalali. **Thesis:** *Adult Attitudinal Survey Redesign for 2022/23.*

Zhang, Xiaolue, M.S., Health Informatics. Advisor: Yunyu Xiao. **Thesis:** *Investigating Genetic, Lifestyle, and Social Determinants of Causes and Consequences of Suicide Attempts and Psychiatric Conditions in the NIH All of Us Research.*

Zhang, Yifan, M.S., Health Informatics. Advisor: Mark Weiner. **Thesis:** *Educational Platform for Early Gastric Cancer and Use of AI.*

Zhang, Yutong, M.S., Health Policy and Economics. Advisor: Jiani Yu. **Thesis:** *Changes in Nursing Home Staff Turnover during the COVID-19 Pandemic.*

Zhang, Ziwen, M.S., Biostatistics and Data Science. Advisor: Arindam RoyChoudhury. **Thesis:** *Refining a Distributed Language Model to Address Named Entity Recognition in Scholarly Content.*

Zhen, Yuhe, M.S., Health Policy and Economics. Advisor: Yiye Zhang. **Thesis:** *Influence of Virtual Postpartum Support on Maternal Mental Health Outcomes.*

Zheng, Haiyu, M.S., Health Policy and Economics. Advisor: Yiye Zhang. **Thesis:** *Supporting Personalized Pregnancy Care Using Artificial Intelligence.*

Zhong, Ningxi, M.S., Health Policy and Economics. Advisor: Mark Unruh. **Thesis:** *Growth in Medicare Advantage Enrollment and Access to Post-Acute Care in Skilled Nursing Facilities.*

Zhong, Ruijie, M.S., Biostatistics and Data Science. Advisor: Karla Ballman. **Thesis:** *Essential Hypotension and Comorbidities.*

Zhou, Xueqing, M.S., Biostatistics and Data Science. Advisor: Wenna Xi. **Thesis:** *Trends of Risk Factors for Black Youth Suicidality from 1991-2019.*

Zhou, Yiliang, M.S., Health Informatics. Advisor: Yiye Zhang. **Thesis:** *Supporting Personalized Pregnancy Care Using Artificial Intelligence.*

Zhou, Yuhan, M.S., Health Policy and Economics. Advisor: Mark Weiner. **Thesis:** *Educational Platform for Early Gastric Cancer and Use of AI.*

Zhuang, Zixin, M.S., Health Policy and Economics. Advisor: Yiye Zhang. **Thesis:** *Influence of Virtual Postpartum Support on Maternal Mental Health Outcomes.*

Zou, Guanyu, M.S., Biostatistics and Data Science. Advisor: Kathy Zhou. **Thesis:** *Tumor Growth Measurement Patterns on Treatment Effects Assessment.*

December 31, 2023

Cho, Eunhee, M.S., Health Policy and Economics. Advisor: Jiani Yu. **Thesis:** *Nursing Homes' Use of Contract Direct Care Staff Before and During the COVID-19 Pandemic.*

Lee, Hana, M.S., Health Policy and Economics. Advisor: Jiani Yu. **Thesis:** *Nursing Homes' Use of Contract Direct Care Staff Before and During the COVID-19 Pandemic.*

McCrery, Elizabeth, M.S., Health Policy and Economics. Advisor: Marianne Sharko. **Thesis:** *Patient Privacy and Trust in the Setting of Increased Access to Electronic Health Information.*

May 16, 2024

Agadi, Vikram, M.S., Executive MBA/MS in Healthcare Leadership.

Akinbajo, Olubunmi, M.S., Executive MBA/MS in Healthcare Leadership.

Alibhai, Sanaa, M.S., Executive MBA/MS in Healthcare Leadership.

Alleyne, Candace Marie, M.S., Clinical & Translational Investigation. Advisors: Catherine Small, Joel Erblisch, and Rosyprya Kodyanplakkal. **Thesis:** *Evaluating the Effectiveness of COVID-19 Vaccinations among Kidney Transplant Recipients with HIV: A Retrospective Analysis.*

Masters of Science

May 16, 2024 (continued)

Allister, Robin Ginger, M.S., Executive MBA/MS in Healthcare Leadership.

Alvarez, Janica, M.S., Executive MBA/MS in Healthcare Leadership.

Ardizzone, Laura, M.S., Executive MBA/MS in Healthcare Leadership.

Ardolino, E Joseph Michael, M.S., Executive MBA/MS in Healthcare Leadership.

Arikatla, Mohith Reddy, M.S., Computational Biology and Medicine. Advisors: Christopher Mason and Nicholas Brady. **Thesis:** *Methods to Develop An 8-Oxog Base Modification Classifier for Direct-DNA Nanopore Sequencing.*

Asif, Amaar, M.S., Health Policy and Economics. Advisor: Tyler Braun. **Thesis:** *The Ensign Group Real Estate Investment Trust Spinoff: Implications for Financial Performance, Quality of Care and Staffing in US Nursing Home Facilities.*

Berger, Kristin, M.S., Clinical & Translational Investigation. Advisors: Anna Podolanczuk and Martin Wells. **Thesis:** *Association of CT-Assessed Dysanapsis with Subclinical Interstitial Lung Disease.*

Bohl, Michael Stavis, M.S., Executive MBA/MS in Healthcare Leadership.

Braverman, Genna, M.S., Clinical & Translational Investigation. Advisors: Lisa Mandl, Nathaniel Hupert, and Medha Barbhैया. **Thesis:** *Association of COVID-19 Vaccinations with Flares of Systemic Rheumatic Disease: A Case-Crossover Study.*

Catalano, Allison, M.S., Immunology and Microbial Pathogenesis. Advisor: Theresa Lu.

Choi, Yujin, M.S., Computational Biology and Medicine. Advisors: Richard Koche and Andrea Ventura. **Thesis:** *3D Interactions of Extrachromosomal DNA with the Linear Genome.*

Cooper, Stanley Evan, M.S., Clinical & Translational Investigation. Advisors: Roy Gulick and Sarit Golub. **Thesis:** *Pharmacologic Drug Detection and Self-Reported Adherence in the HPTN069/ACTG5305 Phase II PrEP Trial.*

Dagher, Christian, M.S., Clinical Epidemiology & Health Services Research. Advisor: Jennifer Mueller. **Thesis:** *Extent of Lymphovascular Space Invasion in Early-Stage Endometrioid Endometrial Cancer: Prognostic Value and Recurrence Patterns.*

Eachon, Benjamin David, M.S., Executive MBA/MS in Healthcare Leadership.

El Chaar, Edgard, M.S., Executive MBA/MS in Healthcare Leadership.

Famuyiwa, Omolola Oluyemisi, M.S., Executive MBA/MS in Healthcare Leadership.

Feng, Xiaohui, M.S., Executive MBA/MS in Healthcare Leadership.

Fishman, Eric, M.S., Executive MBA/MS in Healthcare Leadership.

Franklin, Gallop Phedro, M.S., Executive MBA/MS in Healthcare Leadership.

Gupta, Nandita, M.S., Executive MBA/MS in Healthcare Leadership.

Hagmann, Ayse Nazlim, M.S., Executive MBA/MS in Healthcare Leadership.

Ham, Alexander Philip, M.S., Computational Biology and Medicine. Advisors: Michael Berger and Nikolaus Schultz. **Thesis:** *Comparing Circulating Tumor DNA Trends with Radiographic Response in Targeted Therapy Early-phase Trials.*

Hamdan, Ayat Ali Mohammed, M.S., Clinical Epidemiology & Health Services Research. Advisor: Sharad Taheri. **Thesis:** *Anthropometric Indices For Predicting The Incidence Of Nonalcoholic Fatty Liver Disease In Patients With Type 2 Diabetes.*

Harik, Lamia., M.S., Clinical Epidemiology & Health Services Research. Advisors: Mario Gaudino and Sigrïd Sandner. **Thesis:** *Mediators and Etiologies of the Sex Disparity in Outcomes of Coronary Artery Bypass Grafting and Cardiovascular Disease.*

Harrington, Alexander William, M.S., Executive MBA/MS in Healthcare Leadership.

Haus, Erin, M.S., Computational Biology and Medicine. Advisors: Zhirong Bao and Anthony Santella. **Thesis:** *Developmental Landmark Identification Using Heterochrony-informed, Attention-based Spatial Descriptors.*

Huttle, Alexandra, M.S., Clinical Epidemiology & Health Services Research. Advisors: Cori Green, Regina Miranda, and Colleen Katz. **Thesis:** *Addressing a Mental Health Crisis: Youth Suicide Prevention in Primary Care.*

Javaid, Waleed, M.S., Executive MBA/MS in Healthcare Leadership.

Jetti, Krishna Mohith, M.S., Executive MBA/MS in Healthcare Leadership.

Jones, Mandisa-Maia, M.S., Clinical Epidemiology & Health Services Research. Advisors: Lisa Rong and Hugh Hemmings. **Thesis:** *Health Equity in Heart Transplantation.*

Joseph, Julia, M.S., Executive MBA/MS in Healthcare Leadership.

Kaur, Jasmine, M.S., Executive MBA/MS in Healthcare Leadership.

Kermis, Rachael Doris, M.S., Executive MBA/MS in Healthcare Leadership.

Kolasa, Joanna Katherine, M.S., Executive MBA/MS in Healthcare Leadership.

Kolluru, Rachana, M.S., Executive MBA/MS in Healthcare Leadership.

Masters of Science

May 16, 2024 (continued)

Kris, Ayush V., M.S., Computational Biology and Medicine. Advisors: Nikolaus Schultz and Francisco Sanchez-Vega. **Thesis:** *Genomic Landscape and Clinical Characterization of Metastatic Patterns in Microsatellite Stable Colorectal Cancer.*

Li, Xiang, M.S., Computational Biology and Medicine. Advisors: Hagen Tilgner and Iman Hajirasouliha. **Thesis:** *Real-Time Targeted Exome Enrichment in Single-cell Long-read Sequencing.*

Madden, Eli, M.S., Executive MBA/MS in Healthcare Leadership.

March, Laura, M.S., Executive MBA/MS in Healthcare Leadership.

Maughan, Matthew, M.S., Health Policy and Economics. Advisor: Sean Murphy. **Thesis:** *Cost Effectiveness of Ebola Therapeutics in Sub Saharan Africa.*

McQuillen, Caden Nansae, M.S., Computational Biology and Medicine. Advisors: Nicholas Brady and Dawid Nowak. **Thesis:** *Characterizing the Role of POU2F3 in the Progression of Neuroendocrine Prostate Cancer.*

Meles, Evan, M.S., Executive MBA/MS in Healthcare Leadership.

Mertelsmann, Anna M., M.S., Clinical Epidemiology & Health Services Research. Advisor: Jennifer Downs. **Thesis:** *Immune Modulation in Schistosome Infections and Consequences for Anti-Viral Immunity and Viral Reactivation.*

Morris, Nathan R., M.S., Computational Biology and Medicine. Advisors: Doron Betel and Iliyan Iliev. **Thesis:** *Adaptive Anti-Fungal Immunity Across Organs: Transcriptomic and Repertoire Analysis of T Cells Post C. Albicans Colonization.*

Mulvey, Erin, M.S., Clinical & Translational Investigation. Advisors: Peter Martin, Alison Moskowitz, and Shoshana Rosenberg. **Thesis:** *A Phase I Trial of Tazemetostat and Venetoclax in Relapsed and Refractory non-Hodgkin Lymphoma.*

Nivens, Nichele, M.S., Executive MBA/MS in Healthcare Leadership.

Nnadili-Okonkwo, Emmanuella, M.S., Executive MBA/MS in Healthcare Leadership.

Park, Jason, M.S., Executive MBA/MS in Healthcare Leadership.

Patel, Nija, M.S., Executive MBA/MS in Healthcare Leadership.

Prost, Gabriella Francesca, M.S., Executive MBA/MS in Healthcare Leadership.

Qureshi, Imran Samad, M.S., Executive MBA/MS in Healthcare Leadership.

Remedios, Neal, M.S., Executive MBA/MS in Healthcare Leadership.

Sanapala, Sowmya, M.S., Executive MBA/MS in Healthcare Leadership.

Satterfield, James Edward, M.S., Executive MBA/MS in Healthcare Leadership.

Schleimer, Lauren E., M.S., Clinical Epidemiology & Health Services Research. Advisors: William Jarnagin, Alice Wei, and Peter Kingham. **Thesis:** *Financial Toxicity in Pancreatic Cancer & Impact of Operative Approach on Outcomes in Hepatic Artery Infusion Pump Placement.*

Sen, Ananya, M.S., Executive MBA/MS in Healthcare Leadership.

Shah, Ashay, M.S., Executive MBA/MS in Healthcare Leadership.

Shah, Reema Sarla, M.S., Executive MBA/MS in Healthcare Leadership.

Sharkey, Allison, M.S., Executive MBA/MS in Healthcare Leadership.

Sharma, Shital, M.S., Executive MBA/MS in Healthcare Leadership.

Sun, Yuchen, M.S., Computational Biology and Medicine. Advisors: Christina Leslie and Steven Josefowicz. **Thesis:** *Discovering Differential 3D Chromatin Interactions in Mouse Germinal Center B cells with ChromaFold Pipeline.*

Sung, Eunseo, M.S., Computational Biology and Medicine. Advisors: Christina Leslie and Thomas Vierbuchen. **Thesis:** *Sequence-Based Prediction of Allele-Specific Chromatin Accessibility in F1 Mouse Stem Cells.*

Tran, Thu-Quynh Ngoc, M.S., Executive MBA/MS in Healthcare Leadership.

Vishnubhatt, Surya Padmakar, M.S., Computational Biology and Medicine. Advisors: Ekta Khurana and Doron Betel. **Thesis:** *Metastatic Mutation Prediction From Primary Cancer Annotations in Colorectal Cancer.*

Wheeler, Noela, M.S., Computational Biology and Medicine. Advisors: Dan Landau and Christopher Mason. **Thesis:** *Assessing Evolution Across Longitudinal Glioma Tumors Using Single Cell DNA Methylation Phylogenies.*

Yu, Jeong Min, M.S., Clinical & Translational Investigation. Advisors: Jessica Gordon, Lisa Mandl, and Laura Pinheiro. **Thesis:** *Initial Validation of the Scleroderma Skin Questionnaire: A Novel Patient Reported Outcome to Assess Skin Disease in Patients with Systemic Sclerosis.*

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August 31, 2024**

Aby Simon, Febin, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Thesis:** *Essential Hypotension and Comorbidities.*

Agba, Anthony Ugochukwu, M.S., Health Policy and Economics. Advisor: Beth McGinty. **Thesis:** *Integrated Mental Health and Substance Use Disorder Service Delivery in Federally Qualified Health Centers.*

Bennett, Amelia Grace, M.S., Health Policy and Economics. Advisor: Yiye Zhang. **Thesis:** *A Participant Tracking System for Behavioral Research Projects.*

Masters of Science

August 31, 2024** (continued)

Cai, Shuyi, M.S., Health Policy and Economics. Advisor: Derek Lake. **Thesis:** *Compiling Data Sets About Family Caregivers of Older Adults With a Cognitive Impairment.*

Chen, Haoxin, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Thesis:** *Free Text Analysis in Electronic Health Records a Natural Language Processing Approach for Quality Healthcare Metrics.*

Chen, Menglan, M.S., Health Policy and Economics. Advisor: Jialin Mao. **Thesis:** *Nonparametric Bootstrap for Standardization with Machine Learning to Compare Medical Device Outcomes Based on Clustered Data.*

Chen, Nuo, M.S., Health Policy and Economics. Advisor: Sri Lehka Tumallapali. **Thesis:** *Impact of Stratified Benchmarks on Financial Penalties in an ESRD Payment Model.*

Chen, Renyu, M.S., Health Policy and Economics. Advisor: Will Schpero. **Thesis:** *Benefits of the New York Health Act for New York Assembly District 30.*

Chen, Xixi, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Thesis:** *Summary and Explanation of Clinical Data Driven by Artificial Intelligence to Empower Patients.*

Clark, Christine Marie, M.S., Clinical & Translational Investigation. Advisor: Lucian Sulica and Joel Erbllich. **Thesis:** *Differences in Laryngeal Function Measures among Benign Phonotraumatic Vocal Fold Lesion Subtypes.*

Ding, Yi, M.S., Health Informatics. Advisor: Jialin Mao. **Thesis:** *Nonparametric Bootstrap for Standardization with Machine Learning to Compare Medical Device Outcomes Based on Clustered Data.*

Ding, Yingqi, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Thesis:** *AI Pharmacovigilance Platform for Immunoglobulin Produced by LIFEFACORS.*

Gao, Zihan, M.S., Health Policy and Economics. Advisor: Derek Lake. **Thesis:** *Compiling Data Sets About Family Caregivers of Older Adults With a Cognitive Impairment.*

Ghaleb, Luc Raymond, M.S., Health Policy and Economics. Advisor: Mark Unruh. **Thesis:** *Age-Friendly Health Systems: The Value Proposition.*

Gong, Xinyue, M.S., Health Policy and Economics. Advisor: Yunyu Xiao. **Thesis:** *Immigrant Well-Being Dataset Catalog.*

Haris, Tooba, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Thesis:** *Ten+ Years of HHS OCR Databreach Reports: Threat Prevention.*

Hou, Yilin, M.S., Health Policy and Economics. Advisor: Kayla Tormohlen. **Thesis:** *Characterization of Access to and Use of Medical Cannabis to Manage Non-Cancer Chronic Pain.*

Jing, Juntong, M.S., Biomedical Imaging. Advisor: Ricardo Otazo. **Thesis:** *An automated end-to-end deep learning reconstruction and quantification workflow for fast quantitative DCE-MRI.*

Onyemeh, Kamso, M.S., Biomedical Imaging. Advisor: Mark Burgess. **Thesis:** *Transcranial Theranostic Ultrasound-Mediated Delivery of Nanotherapeutics.*

Lan, Yichen, M.S., Health Policy and Economics. Advisor: Nathaniel Hupert. **Thesis:** *Next Generation Syndromic Surveillance to Preserve Public Health in the Era of Climate-Amplified Environmental Crises.*

Lin, Jiale, M.S., Health Policy and Economics. Advisor: Angelica Meinhofer. **Thesis:** *Effect of Medicaid Policies on School-Based Health Centers and Other School-Based Providers.*

Liu, Yazhen, M.S., Health Policy and Economics. Advisor: Kayla Tormohlen. **Thesis:** *Characterization of Access to and Use of Medical Cannabis to Manage Non-Cancer Chronic Pain.*

Lou, Jingyou, M.S., Health Policy and Economics. Advisor: Yiyi Zhang. **Thesis:** *A Participant Tracking System for Behavioral Research Projects.*

Lou, Zhouyi, M.S., Health Policy and Economics. Advisor: Yongkang Zhang. **Thesis:** *The Economic Burden Shouldered by Public and Private Entities as a Consequence of Health Disparities and Subsequent Longevity-Gap Between Men and Women.*

Mochida, Sachie, M.S., Health Informatics. Advisor: Yunyu Xiao. **Thesis:** *Immigrant Well-Being Dataset Catalog.*

Nario, Joel Jose Quitlong, M.S., Biomedical Imaging. Advisor: Ricardo Otazo. **Thesis:** *RANGR: Deep Learning Autonavagation for Free-Breathing Golden-Angle Radial Abdominal Magnetic Resonance Imaging.*

Phanindra, Bhumika, M.S., Health Informatics. Advisor: Nathaniel Hupert. **Thesis:** *Next Generation Syndromic Surveillance to Preserve Public Health in the Era of Climate-Amplified Environmental Crises.*

Qin, Weijian, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Thesis:** *Summary and Explanation of Clinical Data Driven by Artificial Intelligence to Empower Patients.*

Raj, Rose, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Thesis:** *Free Text Analysis in Electronic Health Records a Natural Language Processing Approach for Quality Healthcare Metrics.*

Ran, Yiyan, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Thesis:** *Ten+ Years of HHS OCR Databreach Reports: Threat Prevention Awareness.*

Reddy, Samir Gajjalachenna, M.S., Health Policy and Economics. Advisor: Angelica Meinhofer. **Thesis:** *Effect of Medicaid Policies on School-Based Health Centers and Other School-Based Providers.*

Shah, Harshvi, M.S., Health Informatics. Advisor: Mark Unruh. **Thesis:** *Age-Friendly Health Systems: The Value Proposition.*

Shah, Janki, M.S., Health Policy and Economics. Advisor: Will Schpero. **Thesis:** *Benefits of the New York Health Act for New York Assembly District 30.*

Masters of Science

August 31, 2024** (continued)

Sharma, Mehak, M.S., Health Informatics. Advisor: Beth McGinty. **Thesis:** *Integrated Mental Health and Substance Use Disorder Service Delivery in Federally Qualified Health Centers.*

Shen, Mingyu, M.S., Health Policy and Economics. Advisor: Yiye Zhang. **Thesis:** *A Participant Tracking System for Behavioral Research Projects.*

Shi, Yuntian, M.S., Health Policy and Economics. Advisor: Sri Lehka Tumallapali. **Thesis:** *Impact of Stratified Benchmarks on Financial Penalties in an ESRD Payment Model.*

Sreeramaneni, Yagna, M.S., Health Policy and Economics. Advisor: Will Schpero. **Thesis:** *Benefits of the New York Health Act for New York Assembly District 30.*

Tan, Xianghan, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Thesis:** *Free Text Analysis in Electronic Health Records a Natural Language Processing Approach for Quality Healthcare Metrics.*

Tong, Shiqin, M.S., Health Informatics. Advisor: Derek Lake. **Thesis:** *Compiling Data Sets About Family Caregivers of Older Adults With a Cognitive Impairment.*

Wang, Haochen, M.S., Health Policy and Economics. Advisor: Nathaniel Hupert. **Thesis:** *Next Generation Syndromic Surveillance to Preserve Public Health in the Era of Climate-Amplified Environmental Crises.*

Wang, Kesi, M.S., Health Policy and Economics. Advisor: Beth McGinty. **Thesis:** *Integrated Mental Health and Substance Use Disorder Service Delivery in Federally Qualified Health Centers.*

Wang, Peiyuan, M.S., Health Policy and Economics. Advisor: Kayla Tormohlen. **Thesis:** *Characterization of Access to and Use of Medical Cannabis to Manage Non-Cancer Chronic Pain.*

Wang, Yi, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Thesis:** *AI Pharmacovigilance Platform for Immunoglobulin Produced by LIFEFACTORS.*

Wu, Meining, M.S., Health Policy and Economics. Advisor: Jialin Mao. **Thesis:** *Nonparametric Bootstrap for Standardization With Machine Learning to Compare Medical Device Outcomes Based on Clustered Data.*

Wu, Shurui, M.S., Health Policy and Economics. Advisor: Nili Solomonov. **Thesis:** *Adapting Psychotherapy for Postpartum Depression Using Telemedicine.*

Xu, Haihan, M.S., Health Policy and Economics. Advisor: Nathaniel Hupert. **Thesis:** *Next Generation Syndromic Surveillance to Preserve Public Health in the Era of Climate-Amplified Environmental Crises.*

Xu, Yuhan, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Thesis:** *AI Pharmacovigilance Platform for Immunoglobulin Produced by LIFEFACTORS.*

Xu, Zhongxing, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Thesis:** *Recognition of the Type of Neuron by Deep Learning in Deep Brain Stimulation Surgery in Parkinson Disease.*

Xu, Zihan, M.S., Health Informatics. Advisor: Nili Solomonov. **Thesis:** *Adapting Psychotherapy for Postpartum Depression Using Telemedicine.*

Yan, Runting, M.S., Health Informatics. Advisor: Jialin Mao. **Thesis:** *Nonparametric Bootstrap for Standardization with Machine Learning to Compare Medical Device Outcomes Based on Clustered Data.*

Yan, Zhimeng, M.S., Health Policy and Economics. Advisor: Sri Lehka Tumallapali. **Thesis:** *Impact of Stratified Benchmarks on Financial Penalties in an ESRD Payment Model.*

Yang, Qipeng, M.S., Health Policy and Economics. Advisor: Mark Unruh. **Thesis:** *Age-Friendly Health Systems: The Value Proposition.*

Yang, Yunshu, M.S., Health Policy and Economics. Advisor: Angelica Meinhofer. **Thesis:** *Effect of Medicaid Policies on School-Based Health Centers and Other School-Based Providers.*

Yu, Jiale, M.S., Health Policy and Economics. Advisor: Yongkang Zhang. **Thesis:** *The Economic Burden Shouldered by Public and Private Entities as a Consequence of Health Disparities and Subsequent Longevity-Gap Between Men and Women.*

Yu, Ke, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Thesis:** *Essential Hypotension and Comorbidities.*

Yu, Yixuan, M.S., Health Policy and Economics. Advisor: Nili Solomonov. **Thesis:** *Adapting Psychotherapy for Postpartum Depression Using Telemedicine.*

Zhang, Hanting, M.S., Health Policy and Economics. Advisor: Kayla Tormohlen. **Thesis:** *Characterization of Access to and Use of Medical Cannabis to Manage Non-Cancer Chronic Pain.*

Zhang, Yueqian, M.S., Health Policy and Economics. Advisor: Angelica Meinhofer. **Thesis:** *Effect of Medicaid Policies on School-Based Health Centers and Other School-Based Providers.*

Zhu, Haofei, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Thesis:** *Recognition of the Type of Neuron by Deep Learning in Deep Brain Stimulation Surgery in Parkinson Disease.*

Doctors of Philosophy

August 31, 2023

Barnes, Josue, Ph.D., Physiology, Biophysics and Systems Biology. Advisors: Iman Hajirasouliha. **Thesis:** *Artificial Intelligence for Non-Invasive Ploidy Prediction of Human Blastocysts*.

Bayleyen, Yared, Ph.D., Neuroscience. Advisor: Christopher Mason. **Thesis:** *Genomic Analysis of the Human Transcription Factor *Zbtb18* and its Role in Brain Development and Neurological Disorders*.

Chen, Xi, Ph.D., Immunology and Microbial Pathogenesis. Advisor: Inez Rogatsky. **Thesis:** *Targeting RNA Pol II Promoter Proximal Pausing Machinery to Control Macrophage-Driven Inflammation*.

Chen, Ziyu, Ph.D., Physiology, Biophysics and Systems Biology. Advisor: David Solit. **Thesis:** *Genomic Analysis of Tumor Heterogeneity in Bladder Cancer and its Biological and Clinical Implications*.

Chin, Christopher, Ph.D., Tri-Institutional Program in Computational Biology and Medicine. Advisor: Christopher Mason and Ari Melnick. **Thesis:** *A Single Cell Approach to Immunological Mechanisms of Gene Regulation*.

Choo, Zi-Ning*, Ph.D., Physiology, Biophysics and Systems Biology. Advisor: Marcin Imielinski. **Thesis:** *Loose Ends in Cancer Genome Structure*.

Falvo, David, Ph.D., Neuroscience. Advisor: Rohit Chandwani. **Thesis:** *Inflammation-induced Cellular Plasticity in Pancreatic Tissue Homeostasis and Tumorigenesis*.

Fansler, Mervin, Ph.D., Tri-Institutional Program in Computational Biology and Medicine. Advisor: Christine Mayr. **Thesis:** *Comprehensive Annotation of 3'UTRs and their Quantification from Single-Cell RNA Sequencing Data*.

Gao, Vianne Ran, Ph.D., Tri-Institutional Program in Computational Biology and Medicine. Advisor: Christina Leslie. **Thesis:** *Modeling and Analysis of Single Cell Transcriptomic and Epigenetic Data to Dissect Phenotypic Diversity in Disease*.

Jaiswal, Abhinav A., Ph.D., Immunology and Microbial Pathogenesis. Advisor: Niroshana Anandasabapathy. **Thesis:** *New Approaches to Interrogate T Cell Differentiation in Tissue and Tumor, and the Consequences for Immune Protection*.

Komer, Lauren, Ph.D., Neuroscience. Advisor: Jacqueline Burrè. **Thesis:** *The Role of Membrane Binding of α -Synuclein in the Central and Enteric Nervous System*.

Prescott, Nicholas, Ph.D., Tri-Institutional Program in Chemical Biology. Advisor: Yael David. **Thesis:** *Dissecting the Chromatin Regulation of Hepatitis B Virus*.

Rabinowitsch, Ariana Ilene*, Ph.D., Cell and Developmental Biology. Advisor: Carl Blobel. **Thesis:** *Effect of *iRhom2* Cytotail Mutations on *ADAM17* Function In Vivo: Implications for Tylosis with Oesophageal Cancer*.

Rittenhouse, Chelsea Ann, Ph.D., Neuroscience. Advisor: Lorenz Studer. **Thesis:** *Next Generation Cerebral Organoids: The Importance of Cell-Type Diversity in Modeling Proper Human Brain Development*.

Shah, Yajas, Ph.D., Physiology, Biophysics and Systems Biology. Advisor: Olivier Elemento and Marcin Imielinski. **Thesis:** *The Impact of Age and Ancestry on the Molecular Landscape of Cancer*.

Stor, Daniel Starer*, Ph.D., Physiology, Biophysics and Systems Biology. Advisor: Olaf Andersen. **Thesis:** *Antimicrobial Peptides and Bilayer Dependent Defense*.

Wang, Hexiao, Ph.D., Molecular Biology. Advisor: John Petrini. **Thesis:** *The Role of the *Mre11* Complex in Oncogene-induced Mammary Tumorigenesis*.

Westover, Craig Diego, Ph.D., Physiology, Biophysics and Systems Biology. Advisor: Christopher Mason. **Thesis:** *Transcriptomic and Epigenomic Analysis of *Dsup* Expressing Human Cells Reveals Open Chromatin Architectural Dynamics Underlying Radioprotection*.

Wiggins, Shakarr Vera, Ph.D., Neuroscience. Advisor: Lonny Levin and Jochen Buck. **Thesis:** *Therapeutic Utility of Soluble Adenylyl Cyclase (sAC) Inhibitors*.

Xie, Yubin, Ph.D., Tri-Institutional Program in Computational Biology and Medicine. Advisor: Dana Pe'er. **Thesis:** *Unraveling Spatial Heterogeneity in Cancer Using Multiplex Single-cell Resolution Imaging*.

Yuan, Jiayi, Ph.D., Pharmacology. Advisor: Lorenz Studer. **Thesis:** *Genome-Wide Loss-of-Function Screens in Human Microglia to Identify Novel HSV1 Susceptibility Factors*.

December 31, 2023

Chen, Chen, Ph.D., Tri-Institutional Program in Chemical Biology. Advisor: Daniel Heller. **Thesis:** *Using Nanotechnology to Modulate and Monitor Pharmacokinetics in Drug Development*.

Corless, Broderick Cameron, Ph.D., Pharmacology. Advisor: Stephen Long. **Thesis:** *EpoxySEAKER: CAR T-Cell Model for Targeted Local Biosynthesis of Therapeutic Warheads*.

Deep, Deeksha*, Ph.D., Immunology and Microbial Pathogenesis. Advisor: Alexander Rudensky. **Thesis:** *Regulation of Polytypic T Cell Responses in Infection*.

Delgado, Bryce Donald, Ph.D., Biochemistry and Structural Biology. Advisor: Derek Tan. **Thesis:** *Mechanisms of Ion Selectivity and Throughput in the Mitochondrial Calcium Uniporter*.

DiKun, Krysta Marie, Ph.D., Pharmacology. Advisor: Lorraine Gudas. **Thesis:** *Investigating the Roles of Retinoic Acid Receptor (RAR) Alpha and Beta in Kidney Cell Types*.

Dong, Lauren*, Ph.D., Pharmacology. Advisor: Jed Wolchok. **Thesis:** *Intermittent MEK Inhibition with G1TR Co-Stimulation Rescues T Cell Function For Increased Efficacy with *CLTA-4* Blockade in Solid Tumor Models*.

Doctors of Philosophy

December 31, 2023 (continued)

Goertz, Jennifer E., Ph.D., Neuroscience. Advisor: Josef Anrather. **Thesis:** *Characterization of Chronic Post-Stroke Behavior and Preliminary Analysis of the Role of IL-17RA in Stroke.*

Jacquet, Rudy Gregory, Ph.D., Neuroscience. Advisor: Frederick Maxfield. **Thesis:** *Microglia Degrade Alzheimer's Amyloid-Beta Deposits Extracellularly via Digestive Exophagy.*

Khan, Jonathan Faisal, Ph.D., Pharmacology. Advisor: Jedd Wolchok. **Thesis:** *Rational Development of an Optimized CAR T Cell Platform for Therapy of Glioblastoma.*

Kim, Minsoo, Ph.D., Tri-Institutional Program in Computational Biology and Medicine. Advisor: Ed Reznik and Sohrab Shah. **Thesis:** *Evolutionary and Functional Consequences of Single Cell Variation in Mitochondrial DNA Copy Number and Genotype in Cancer.*

Kim, Youngjun, Ph.D., Immunology and Microbial Pathogenesis. Advisor: Jayanta Chaudhuri. **Thesis:** *Unraveling the B-cell Intrinsic Role of IL-21 Signaling.*

Lopez, Katherine, Ph.D., Neuroscience. Advisor: Miklos Toth. **Thesis:** *Beneficial Effect of Maternal Postpartum Physical Activity on Social Behavior and Metabolic Health in Offspring.*

Mack, Keyara N., Ph.D., Pharmacology. Advisor: Jason Lewis. **Thesis:** *Antibody-Based Theranostics in Ovarian Cancer: Targeting MUC16 for Diagnosis and Radioimmunotherapy.*

Meleshko, Dmitrii, Ph.D., Tri-Institutional Program in Computational Biology and Medicine. Advisor: Iman Hajirasouliha. **Thesis:** *Novel Synthetic Long-Read Methods for Structural Variant Discovery and Transcriptomic Assembly.*

Molvi, Zaki Abdullah, Ph.D., Physiology, Biophysics and Systems Biology. Advisor: Richard O'Reilly. **Thesis:** *War and Remission: Phosphopeptides, Fusion Proteins, and Predictive Biomarkers in Cancer Immunotherapy.*

Planck, Kyle Anthony, Ph.D., Pharmacology. Advisor: Kyu Rhee. **Thesis:** *Harnessing Chemical Biology and Metabolomics for Preclinical TB Drug Discovery.*

Pourmaleki, Maryam, Ph.D., Tri-Institutional Program in Computational Biology and Medicine. Advisors: Ingo Mellinghoff and Sohrab Shah. **Thesis:** *Dissecting the Spatial Topology of Cancer.*

Schaeffer, Samantha Maura, Ph.D., Neuroscience. Advisor: Josef Anrather. **Thesis:** *Hypertension-Induced Neurovascular Dysfunction at Single-Cell Resolution.*

Silberman, Pedro Cito, Ph.D., Pharmacology. Advisor: David Scheinberg. **Thesis:** *Tumor Microenvironment Actuated T-cells (MEAT-cells) to Conditionally Express Chimeric Antigen Receptors and Mitigate Lethal Toxicity.*

Tayyebi, Zakieh, Ph.D., Tri-Institutional Program in Computational Biology and Medicine. Advisor: Christina Leslie. **Thesis:** *Single-Cell Analysis of the Transcriptional and Regulatory Landscape of Cell Differentiation.*

Tomoiaga, Delia, Ph.D., Physiology, Biophysics and Systems Biology. Advisor: Christopher Mason. **Thesis:** *Single-cell Transcriptomic Analysis of Human Spermatozoa and the Relationship to Autism Spectrum Disorders.*

Torborg, Stefan Ross*, Ph.D., Cell and Developmental Biology. Advisor: Tuomas Tammela. **Thesis:** *An Equilibrium of Malignant Cell States Controlled by WNT and Notch Drives Pancreas Cancer Growth.*

Wang, Xinxin, Ph.D., Immunology and Microbial Pathogenesis. Advisor: Ming Li. **Thesis:** *Nutrient mTORC1 Signaling Control of T Lymphocyte Homeostasis and Malignant Transformation.*

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May 16, 2024

Bai, Yang, Ph.D., Pharmacology. Advisor: Vivek Mittal. **Thesis:** *Epigenetic Regulation of Chromosomal Instability in Triple-Negative Breast Cancer.*

Boby, Melissa Lynn, Ph.D., Pharmacology. Advisors: Derek Tan and John Chodera. **Thesis:** *Development of Adenylation Enzyme Inhibitors as Novel Antibiotics.*

Christophers, Briana*, Ph.D., Cell and Developmental Biology. Advisor: Mary Baylies. **Thesis:** *Drosophila Muscle Cofilin Maintains Neuromuscular Junction Structure for Proper Neurotransmission.*

Costa, Emily Anne, Ph.D., Cell and Developmental Biology. Advisor: Charles Rudin. **Thesis:** *Characterizing SMARCA4 Loss in STK11/KEAP1 Co-mutant Lung Adenocarcinoma.*

Daman, Andrew Wayne, Ph.D., Immunology and Microbial Pathogenesis. Advisor: Steven Josefowicz. **Thesis:** *Epigenetic Mechanisms of Augmented Transcription and Inflammatory Memory.*

Falci, Jessica Rose, Ph.D., Pharmacology. Advisor: Yueming Li. **Thesis:** *Development and Mechanism of Autophagy Modulators for Treatment of Neurodegenerative Disorders.*

Gao, Hanxing, Ph.D., Immunology and Microbial Pathogenesis. Advisor: Iliyan Iliev. **Thesis:** *Gut Fungal Symbiosis and Interactions with the Mammalian Host Immune System: Characterizing Kazachstania Pintolopesii Originated from Wild Mice.*

Hopland, Kelsey, Ph.D., Neuroscience. Advisor: Viviane Tabar. **Thesis:** *Modeling Glioma-Associated Macrophages Using Human Embryonic Stem Cell-Derived Microglia.*

Hou, Qian, Ph.D., Tri-Institutional Program in Chemical Biology. Advisor: Samie Jaffrey. **Thesis:** *Tunable Gene Expression Enabled by Drug-regulated mRNAs.*

Jain, Tanya, Ph.D., Neuroscience. Advisor: Yueming Li. **Thesis:** *Innate Immunity Protein IFITM3 Regulates Alzheimer's Disease-Associated Microglial Response.*

Kim, Junbum, Ph.D., Physiology, Biophysics and Systems Biology. Advisor: Olivier Elemento. **Thesis:** *Assembly of Human Anatomy in Cancer: From Cells to Niches, Anatomical Structures, Organs and Beyond.*

Doctors of Philosophy

May 16, 2024 (continued)

Koo, So Yeon, Ph.D., Neuroscience. Advisor: Lorenz Studer. **Thesis:** *In Vivo Genetic Screen to Investigate the Survival Factor of Human Dopamine Neuron During Engraftment.*

Krishnamurthy, Anjana, Ph.D., Neuroscience. Advisor: Alexandra Joyner. **Thesis:** *ENGRAILED1/2 Direct Embryonic Cerebellar Excitatory and Inhibitory Neuron Identity and Survival.*

Kurtz, Keifer Gary, Ph.D., Pharmacology. Advisor: David Scheinberg. **Thesis:** *Orthogonal Approaches for Enhancing Cellular Immunotherapies.*

Lee, Angela Mei, Ph.D., Immunology and Microbial Pathogenesis. Advisor: Carl Nathan. **Thesis:** *Type I Interferon Exacerbates Mycobacterium tuberculosis Induced Monocyte-Derived Macrophage Cell Death.*

Lopez-Lee, Chloe, Ph.D., Neuroscience. Advisor: Li Gan. **Thesis:** *Mapping Mechanisms Underlying Sex Differences in Neuroimmune Responses to Demyelination and Disease.*

Marston, Jez Lim*, Ph.D., Immunology and Microbial Pathogenesis. Advisor: Ethel Cesarman and Douglas Nixon. **Thesis:** *Transposable Element Expression in Adaptive and Innate Immune Responses at the Bulk and Single Cell Resolution.*

McNally, Dylan Richard, Ph.D., Physiology, Biophysics and Systems Biology. Advisor: Olivier Elemento. **Thesis:** *Hierarchies of B-cell Lymphoma: From Single Cells to Histological Classifications.*

Murphy, Dylan John, Ph.D., Physiology, Biophysics and Systems Biology. Advisor: Effie Apostolou. **Thesis:** *The Role of 3D Regulatory Enhancer Landscapes and Enhancer Hubs in Stem Cell Fate Maintenance and Change.*

Nabila, Anika, Ph.D., Neuroscience. Advisor: Miklos Toth. **Thesis:** *Epigenetic and Transcriptional Regulation of Anxiety Following Early Life Adversity.*

Nease, Leona Ayano, Ph.D., Pharmacology. Advisor: Elena Piskounova. **Thesis:** *Selenocysteine tRNA Methylation as an Antioxidant Mechanism in Melanoma Metastasis.*

Ng, Brandon, Ph.D., Pharmacology. Advisor: Marcel van den Brink. **Thesis:** *Engineered IL-18 Secretion and Multi-Antigen Targeting Enable CAR T cells to Eliminate Multiple Myeloma With Low Antigen Expression in an Immunocompetent Mouse Model.*

Sam, Jessica, Ph.D., Cell and Developmental Biology. Advisor: Todd Evans. **Thesis:** *Characterizing the Role of Gata6 in Regulating Cardiac Morphogenesis.*

Schweickart, Annalise Arlene, Ph.D., Tri-Institutional Program in Computational Biology and Medicine. Advisor: Jan Krumsiek. **Thesis:** *Understanding Metabolic Disease and Dietary Interventions Through Statistical Analysis of Metabolomics Data.*

Shakib, Lorien, Ph.D., Physiology, Biophysics and Systems Biology. Advisor: Laura Donlin. **Thesis:** *IBM Autoimmune Myositis: Defining How Clonal T cells Persist via Somatic Mutations.*

Tong, Xinran, Ph.D., Molecular Biology. Advisor: Adrienne Boire. **Thesis:** *Retinoid X Receptor Signaling Mediates Cancer Cell Lipid Metabolism in the Leptomeninges.*

Unti, Mildred Johanna, Ph.D., Pharmacology. Advisor: Samie Jaffrey. **Thesis:** *A Method for Expressing Circular mRNA in Mammalian Cells and Its Use as a Therapeutic and Research Tool.*

Waraich, Suniyya Anna, Ph.D., Neuroscience. Advisor: Jonathan Victor. **Thesis:** *From the Perception of Features to Representation of Objects.*

Xie, Hengyi, Ph.D., Physiology, Biophysics and Systems Biology. Advisor: Harel Weinstein. **Thesis:** *Decoding the Molecular Determinants for Target Selectivity and Cargo Traffic in the Functional Mechanism of the Cellular Sterol Transporter STARD4 With Molecular Dynamics Simulations and Machine Learning-Based Analysis.*

Xie, Ying Xue, Ph.D., Neuroscience. Advisor: Manu Sharma. **Thesis:** *Release of Pathogenic Protein Aggregates via Lysosomal Exocytosis in Neurodegenerative Diseases.*

Yashinskie, Jossie Jackeline, Ph.D., Cell and Developmental Biology. Advisor: Lydia Finley. **Thesis:** *Metabolic Consequences of p53 Activation.*

Zhang, Ivy, Ph.D., Tri-Institutional Program in Computational Biology and Medicine. Advisor: John Chodera. **Thesis:** *Predicting and Understanding Changes in Protein:Protein Binding Affinity Upon Mutation.*

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August 31, 2024**

Bansal, Harmanjit Singh, Ph.D., Immunology and Microbial Pathogenesis. Advisor: Sabine Ehrt. **Thesis:** *Stringent Response in Mycobacteria.*

Cai, Winson, Ph.D., Pharmacology. Advisors: David Scheinberg and Renier J. Brentjens. **Thesis:** *Augmenting CAR T Cell Functions with LIGHT.*

Duca, Sierra Kristen, Ph.D., Physiology, Biophysics and Systems Biology. Advisor: Jingli Cao. **Thesis:** *Contributions of Epicardial Progenitors and Vegfc Signaling to Zebrafish Heart Maturation and Regeneration.*

Ferreira, Jacob Joseph, Ph.D., Pharmacology. Advisors: Lonny Levin and Jochen Buck. **Thesis:** *Regulation of the Full-Length Soluble Adenylyl Cyclase Isoform.*

Fishman, Michael Alan, Ph.D., Biochemistry and Structural Biology. Advisor: Christopher Lima. **Thesis:** *SUMO Modification of Human DNA Topoisomerase I by PIAS E3 Ligases.*

Hatfield, Pamela S., Ph.D., Pharmacology. Advisors: Marcel van den Brink and David Scheinberg. **Thesis:** *Microbiome-derived Indoxyl Sulfate Enhances CAR T Cell Therapy Response.*

Doctors of Philosophy

August 31, 2024** (continued)

Hsiao, Chieh, Ph.D., Pharmacology. Advisor: Daniel Bachovchin. **Thesis:** *Regulation of the NLRP1 and CARD8 Inflammasomes.*

Isaac, Elizabeth, Ph.D., Pharmacology. Advisor: Jan Grimm. **Thesis:** *Harnessing the Therapeutic Potential of Reactive Oxygen Species (ROS) and Iron in the Treatment of Solid Tumors.*

Lee, Andrew Seunghyun, Ph.D., Neuroscience. Advisor: Alexandra Joyner. **Thesis:** *Cerebellar Output Neurons Regulate Cerebellar and Extracerebellar Circuit Development and Behavior.*

Lin, Susan, Ph.D., Neuroscience. Advisor: Geoffrey Pitt. **Thesis:** *Cell Type-Specific FGF13 Regulation of Neuronal Function.*

Lottermoser, Justine Alexandra Lew, Ph.D., Physiology, Biophysics and Systems Biology. Advisor: Jeremy Dittman. **Thesis:** *Elucidating the Complexin C-Terminal Domain Function in Neurosynaptic Regulation.*

Sayles, Nicole Mariah, Ph.D., Neuroscience. Advisor: Giovanni Manfredi. **Thesis:** *Mitochondrial Protein Aggregation and Metabolic Rewiring in CHCHD10-Related Mitochondrial Diseases.*

Silimon, Ruth Louise, Ph.D., Cell and Developmental Biology. Advisor: Mary Baylies. **Thesis:** *Age and Tumor Related Disease Results in Loss of Muscle Maintenance and Reduces Neuromuscular Junction Stability in Drosophila.*

Verma, Svena, Ph.D., Pharmacology. Advisors: Jedd Wolchok and Taha Merghoub. **Thesis:** *Targeting Tumor Glycolysis Redirects Intratumoral Glucose Uptake and Improves Anti-Tumor Immunity.*

Weiner, Adam Clayton, Ph.D., Tri-I Program in Computational Biology & Medicine. Advisor: Sohrab Shah. **Thesis:** *Single-Cell Replication Timing and Proliferation Dynamics of Genomically Unstable Cancers.*

Worroll, Daniel William, Ph.D., Pharmacology. Advisor: Yueming Li. **Thesis:** *Diamino Quinoline Inhibitors of the Autophagy-Lysosomal Pathway (ALP) as a Therapeutic Approach for Pancreatic Cancer.*

Zallar, Lia, Ph.D., Pharmacology. Advisor: Kristen Pleil. **Thesis:** *The Reciprocal Relationship Between Estrogen, Alcohol, and the p450 Enzyme Aromatase.*

Alumni Award of Distinction 2024

Weill Cornell Graduate School of Medical Sciences

Cynthia Leifer, Ph.D. '00

Cynthia Leifer, Ph.D. '00 is a professor in the department of microbiology and immunology at the Cornell University College of Veterinary Medicine, where her research focuses on the immune system. Using an array of techniques from molecular and cell biology to whole-animal disease models, her research primarily focuses on the macrophage and how signaling through Toll-like receptors (TLRs) is regulated. TLRs are critical to defending the body against infection, but dysregulation contributes to autoimmune and inflammatory diseases. Her studies have advanced our understanding of how some of those diseases arise, and how they can be treated.

Dr. Leifer teaches immunology to undergraduate, graduate and veterinary students, and lectures on vaccines in public health in the Master's in Public Health Program at Cornell University.

She is the recipient of numerous awards, including the Pfizer Award for Research Excellence, the Cornell University College of Veterinary Medicine Department of Microbiology and Immunology Excellence in Teaching Award, the Cook Award for commitment to empowering and improving the climate for women at Cornell University, and the Dolph Adams Award for excellence in research from the Society for Leukocyte Biology, where she is currently president-elect.

In addition to research and teaching, Dr. Leifer is a vaccine advocate and has been interviewed by national and international print and radio journalists about vaccines and immunology. She leads workshops on science communication, has published a number of opinion articles and is co-host of the podcast "Immune."

Dr. Leifer has also focused on improving diversity among faculty as co-director of the Cornell Program to Achieve Career Excellence and the Rising Stars program, and as co-director of the faculty development core for Cornell's NIH Faculty Institutional Recruitment for Sustainable Transformation (FIRST) Program.

Siegel Family Faculty Awards 2024

Jeanne and Herbert Siegel Award for Excellence in Medical Education

Thanakorn Jirasevijinda, M.D.

Dr. Thanakorn "T.J." Jirasevijinda is director of Weill Cornell Medicine's pediatric undergraduate medical education, co-director of the M4 URiM Visiting Scholars Program in Pediatrics, professor of teaching in pediatrics, faculty mentor of the Pediatric Interest Group and an active member of the International Medical Student Education Committee. A graduate of the University of Southern California Keck School of Medicine, Dr. Jirasevijinda joined the Weill Cornell Medicine faculty in 2007.

Dr. Jirasevijinda is committed to providing education in health professions across the educational continuum, from students to residents to fellows and faculty. His professional interests include curriculum design and implementation, clinical skills training, health-care communication, cultural competence, shared decision-making, humanistic practice and global health.

Funded by the Fulbright Foundation Faculty Scholars Program, Dr. Jirasevijinda collaborated with the Chulalongkorn University Faculty of Medicine's International Medical Program (CU-MEDi) in Thailand as a curriculum consultant during the 2021-22 academic year. He currently serves as an education consultant for, and member of, CU-MEDi's International Advisory Board.

Jeanne and Herbert Siegel Award for Outstanding Medical Research

Ari Matthew Melnick, M.D.

Dr. Ari Melnick is the Gebroe Family Professorship of Hematology-Oncology and a professor of medicine, immunology and pharmacology at Weill Cornell Medicine. A graduate of the University of Buenos Aires Faculty of Medicine in Argentina, Dr. Melnick joined the Weill Cornell Medicine faculty in 2008.

His research interests include the biology and molecular targeting of B-cell lymphomas and acute leukemias. He and his research associates have developed novel therapies and regimens to correct aberrant transcriptional regulation and signaling in tumors.

Dr. Melnick has authored more than 340 published manuscripts in such journals as Nature, Science, Cell, Cancer Discovery, Cancer Cell, Nature Medicine, Nature Immunology, and the New England Journal of Medicine. He is a past American Society of Hematology (ASH) Faculty Scholar, Leukemia and Lymphoma Society Scholar, Burroughs Wellcome Translational Research Scholar and Kimmel Foundation Scholar, and he is a member of the American Society for Clinical Investigation and the American Association of Physicians. His awards include the 2020 Ernest Beutler Lecture and Prize from ASH.

Dr. Melnick places special emphasis on mentoring, with particular interest in addressing academic disparities affecting female and minority medical trainees.

Jeanne and Herbert Siegel Faculty Development Award

Erica Phillips, M.D.

Dr. Erica Phillips is the Jack Fishman Associate Professor of Cancer Prevention and associate director of community outreach and engagement at the Sandra and Edward Meyer Cancer Center at Weill Cornell Medicine. A graduate of Columbia University Vagelos College of Physicians and Surgeons, Dr. Phillips joined the Weill Cornell Medicine faculty in 2001.

A clinician specializing in weight management, Dr. Phillips was one of the founding physicians of the Weight Management Practice at Weill Cornell Internal Medicine Associates.

Her research focuses on three intersecting areas. She is interested in creating behavioral interventions to promote healthier eating, physical activity and weight control in high-risk groups. Additionally, Dr. Phillips strives to understand the social determinants that drive differences in morbidity and mortality between certain racial and ethnic groups. She also develops extensive scientific programs to address health disparities.

Dr. Phillips serves as chair of the Health Equity Action Network (HEAN) Steering Committee. HEAN is a National Institute of Minority Health Disparities-funded consortium of health researchers and community partners from across the country. The organization brings innovative solutions for the prevention and management of multiple chronic conditions, such as diabetes, obesity, hypertension, coronary heart disease, congestive heart failure, chronic kidney disease, stroke and certain cancers.

Dean's Award for Excellence in Mentorship 2024

Mark M. Souweidane, M.D.

Dr. Souweidane completed his undergraduate training at the University of Michigan and received his medical degree from Wayne State University Medical School. He completed a general surgery internship at the University of Michigan Hospitals and a neurosurgery residency at New York University, and he served as the chief clinical fellow for pediatric neurosurgery at the Hospital for Sick Children. He joined Weill Cornell Medicine in 1995 and is currently the Vice Chair of the Department of Neurological Surgery, Director of Pediatric Neurological Surgery at NewYork-Presbyterian/Weill Cornell Medical Center and Memorial Sloan-Kettering Cancer Center, and a Professor of Neurological Surgery and of Neurological Surgery in Pediatrics. Dr. Souweidane's commitment to mentorship has had an enormous impact in the very demanding subspecialty of pediatric neurosurgery. Of his many trainees, six have gone on to lead pediatric neurosurgery services at leading academic centers. He leads multiple, innovative educational and advisory programs in Neurological Surgery, continually demonstrates the value of academic research to trainees, and has a formidable record of publications with early-career colleagues.

Alumni Award of Distinction 2024

Weill Cornell Medical College

Joseph J. Fins, M.D. '86

Dr. Joseph J. Fins '86, M.D., D. Hum. Litt. (hc), M.A.C.P., F.R.C.P. is the E. William Davis, Jr., M.D. Professor of Medical Ethics, professor of medicine, professor of medicine in psychiatry, professor of population health sciences, professor of medical ethics in neurology, professor of medical ethics in rehabilitation medicine and chief of the Division of Medical Ethics at Weill Cornell Medicine.

He is also the director of medical ethics at NewYork-Presbyterian/Weill Cornell Medical Center and co-director of the Consortium for the Advanced Study of Brain Injury at Weill Cornell Medicine and The Rockefeller University. Dr. Fins has held visiting professorships at Princeton University, Wesleyan University, Johns Hopkins University and Yale Law School, and has served as president of the American Society for Bioethics and Humanities, as well as the International Neuroethics Society. He is also chair of the Hastings Center board of trustees.

Dr. Fins is the author of more than 500 papers, book chapters, essays and books, including "Rights Come to Mind: Brain Injury, Ethics and the Struggle for Consciousness" (Cambridge University Press). His current research is funded by the National Institutes of Health BRAIN Initiative. Dr. Fins is the recipient of the University of Oklahoma, College of Medicine's Patricia Price Browne Prize in Biomedical Ethics and the American College of Physicians' Nicholas E. Davies Memorial Scholar Award for Scholarly Activities in the Humanities and History of Medicine. He is an elected member of the National Academy of Medicine, the Association of American Physicians, and Alpha Omega Alpha; a fellow of the American Academy of Arts and Sciences; and, by royal appointment, an Academico de Honor of the Royal National Academy of Medicine of Spain.

Dr. Fins is currently working on a biography of the physician-humanist Dr. Lewis Thomas.

Recipients of Degrees 2024

Weill Cornell Medical College

Masters of Science

May 16, 2024

Bradshaw, Sydney, M.S., Health Sciences for Physician Assistants. Advisor: Neel Mehta. **Thesis:** *The Feasibility of Cryoneuroablation for the Treatment of Refractory Cancer Pain*

Brennan, Anna, M.S., Health Sciences for Physician Assistants. Advisor: Virginia Mutch. **Thesis:** *Mindfulness And Wellness Interventions During The Antepartum And Postpartum Period To Prevent Adverse Mental Health Effects Including Postpartum Depression In Women Desiring Abortion Who Are Unable To Have One Due To Legislation*

Brewer, Jonathan, M.S., Health Sciences for Physician Assistants. Advisor: Virginia Mutch. **Thesis:** *A Systematic Review and Proposed Research Study Comparing the Use of MDMA-assisted Therapy and Ketamine-assisted Therapy in the Treatment of Chronic Post-traumatic Stress Disorder*

Buggy, Haley, M.S., Health Sciences for Physician Assistants. Advisor: Alexis Melnick. **Thesis:** *Medical Management of Acne in PCOS: Novel Therapies Versus Current Standard of Care*

Callegari, Amanda, M.S., Health Sciences for Physician Assistants. Advisor: Hooman Yaghoobzadeh. **Thesis:** *The Impact of Long-term Use of Gender-affirming Hormone Therapy on Lipid Profiles and Incidence of Myocardial Infarction in Transgender Women*

Cave, Amanda, M.S., Health Sciences for Physician Assistants. Advisor: Yasmin Khakoo. **Thesis:** *The Effects of Neonatal Intensive Care Unit Lighting on Long-term Neurodevelopment*

Cawley, Amanda, M.S., Health Sciences for Physician Assistants. Advisor: Susan Samuels. **Thesis:** *5-year Outcomes in Mental Health Following Metabolic and Bariatric Surgery in Adolescents Compared to Young Adults*

Cho, Eunice, M.S., Health Sciences for Physician Assistants. Advisor: David Otterburn. **Thesis:** *The Use Of Fish Skin Grafts In The Management Of Diabetic Foot Ulcers*

Ciolfi, Olivia, M.S., Health Sciences for Physician Assistants. Advisor: Alexis Melnick. **Thesis:** *Cabergoline in the Management of Endometriosis: A Systematic Review and Proposed Research Study*

Coffey, Juliet, M.S., Health Sciences for Physician Assistants. Advisor: Kathryn Harris. **Thesis:** *The Use Of Autologous Adipose-Derived Mesenchymal Stem Cells As A Treatment For Burn Wounds*

Cooke, Kiara, M.S., Health Sciences for Physician Assistants. Advisor: Katherine Hajjar. **Thesis:** *Does Prophylactic Intranasal Insulin Reduce the Postoperative Neurocognitive Effects of Prolonged Anesthetic Exposure in Pediatric Surgical Patients?*

Corvelli, Michael, M.S., Health Sciences for Physician Assistants. Advisor: Joseph Murray. **Thesis:**

The Effect Of Electroconvulsive Therapy On Glycemic Control In Type 2 Diabetics With Major Depressive Disorder – A Study On Procedural Treatment Outcomes For Depression In Dual Diagnosis Patients

Dean-Brown, Jackson, M.S., Health Sciences for Physician Assistants. Advisor: Sam Senturia. **Thesis:** *The Efficacy of Various Barrier Methods in Hands-on Defibrillation*

Deichman, Lauren, M.S., Health Sciences for Physician Assistants. Advisor: Peter Fabricant. **Thesis:**

Creating an Effective Screening Tool for Identification of Primary ACL Injury Risk in Elite Female Soccer Players Without Prior History of ACL Injury

Diaz Gomez, Natalia, M.S., Health Sciences for Physician Assistants. Advisor: Amy Hoffman. **Thesis:** *The Use Of Ketamine In The Management Of Postpartum Depression In Latinas During The Postpartum Period*

DiSabatino, Alana, M.S., Health Sciences for Physician Assistants. Advisor: Stefan Worgall. **Thesis:** *The Effects of No2 and Air Pollution, Specifically From a Gas Stove, on Respiratory Health and Asthma Incidence and Exacerbation*

Ely, Grant, M.S., Health Sciences for Physician Assistants. Advisor: Jason Hoellwarth. **Thesis:** *Mortality Rates For Peripheral Vascular Disease Patients Electing To Undergo Primary Amputation With Transtibial Osseointegration Compared To Traditional Socket Prosthetics*

Fernandezdelara, Selina, M.S., Health Sciences for Physician Assistants. Advisor: Devika Gajria. **Thesis:** *The Possible Correlation Between Early Age Menarche and Triple Negative Breast Cancer (TNBC) In Black Women*

Filippides, Kathryn, M.S., Health Sciences for Physician Assistants. Advisor: Stephen Chasen. **Thesis:** *Motivational Interviewing in Pregnancy: An Approach to Childhood Vaccine Hesitancy*

Finn, Christina, M.S., Health Sciences for Physician Assistants. Advisor: Alexander Swistel. **Thesis:** *Patient Satisfaction After Undergoing Breast Reconstruction Using the Deep Inferior Epigastric Perforator Flap Versus Implant-based Reconstruction*

Fleming, Cleo, M.S., Health Sciences for Physician Assistants. Advisor: Kristin Yancey. **Thesis:** *The Management Of New Onset, Acute Subjective Tinnitus Following COVID-19 Infection*

Garcia, Gisell, M.S., Health Sciences for Physician Assistants. Advisor: Steven Cohen. **Thesis:** *The Use of the Interleukin (IL)-17 Receptor A Antagonist Brodalumab in the Treatment Of Moderate to Severe Hidradenitis Suppurativa*

Gitlin, Samantha, M.S., Health Sciences for Physician Assistants. Advisor: Carl Crawford. **Thesis:** *The Use of L. Acidophilus C11285 and L. Casei Lbc80r for the Prevention of Second-time Clostridioides Difficile Infection*

Masters of Science

May 16, 2024 (continued)

Greving, Mason, M.S., Health Sciences for Physician Assistants. Advisor: Louise Austin. **Thesis:** *The Impact Of Culturally Sensitive Pre-Exposure Prophylaxis Medication Counseling Tailored For Individuals At Increased Risk Of Human Immunodeficiency Virus Contract*

Griffin, Martha, M.S., Health Sciences for Physician Assistants. Advisor: Ravi Sharaf. **Thesis:** *Treatment Sequencing for Advanced BRAF V600e-Mutant Melanoma: An Exploration Of The "Sandwich" Sequence*

Henze, Meredith, M.S., Health Sciences for Physician Assistants. Advisor: Raymond Pastore. **Thesis:** *Is The Current Practice Of Discontinuing Gender Affirming Hormone Therapy In The Perioperative Period Appropriate?*

Huynh, Jeannette, M.S., Health Sciences for Physician Assistants. Advisor: Steven Cohen. **Thesis:** *The Role Of The Gut Microbiome In The Inflammatory Pathogenesis Of Hidradenitis Suppurativa*

Janek, Claire, M.S., Health Sciences for Physician Assistants. Advisor: David Otterburn. **Thesis:** *Topical Application Of Allogenic Stem Cells In Peripheral Artery Disease*

Jung, Julie K., M.S., Health Sciences for Physician Assistants. Advisor: Veronica Lo Faso. **Thesis:** *The Effects Of Short Term And Prolonged Propofol Exposure With The Risk Of Alzheimer's Disease Development*

Karaoli, Lia, M.S., Health Sciences for Physician Assistants. Advisor: Joseph Murray. **Thesis:** *The Potential Benefits Of Two Doses Of Psilocybin For Those With Treatment-resistant Depression*

Kisling, Dakota, M.S., Health Sciences for Physician Assistants. Advisor: Susan Samuels. **Thesis:** *The Potential Use of Cognitive Behavioral Therapy in Adolescent Cancer Patients*

Kissous-Hunt, Michele, M.S., Health Sciences for Physician Assistants. Advisor: Gary Bouchard. **Thesis:** *Interventional Educational Program For Timely Diagnosis Of Inflammatory Bowel Disease: A Pathway To Prevent Disease Progression And Complications*

Lee, Annie, M.S., Health Sciences for Physician Assistants. Advisor: Kathryn Harris. **Thesis:** *The Use Of Mid-Regional Pro-Adrenomedullin In The Prediction Of Sepsis In Severely Burned Patients In The Burn Intensive Care Unit*

Lynch, Alanna, M.S., Health Sciences for Physician Assistants. Advisor: Harsimran Singh. **Thesis:** *A Systemic Review on Short Term Mortality With Implementation of the Impella Device Based on Serum Lactate in the Setting of an Acute Myocardial Infarction Complicated by Cardiogenic Shock*

Mejia, Angelica, M.S., Health Sciences for Physician Assistants. Advisor: Joshua Dines. **Thesis:** *Exploring Hormonal Oral Contraceptives as Prophylactic Treatment for ACL Injury Prevention in Active Females: A Prospective Cohort Study and Controlled Trial*

Norman, Tracy, M.S., Health Sciences for Physician Assistants. Advisor: Veronica Lo Faso. **Thesis:** *The Role Of Metformin In Reducing The Incidence Of Dementia In African American Individuals With Type 2 Diabetes*

Paul, Carly, M.S., Health Sciences for Physician Assistants. Advisor: Morgan Lynch. **Thesis:** *Scheduled Recurrent Adipose-Derived Stem Cell Injections As An Alternative Treatment Regimen For Males With Mild Androgenetic Alopecia*

Pepi, Mia, M.S., Health Sciences for Physician Assistants. Advisor: Philip Hyungjin Chang. **Thesis:** *Combined Laser Treatment With Corticosteroid Injections For Improvement Of Hypertrophic Burn Scars*

Perkins, Casey, M.S., Health Sciences for Physician Assistants. Advisor: Alexander Merkler. **Thesis:** *Subanesthetic Ketamine Dosing in Acute Ischemic Stroke: Optimizing Functional Outcomes*

Prario, Monica, M.S., Health Sciences for Physician Assistants. Advisor: Harsimran Singh. **Thesis:** *Comparative Efficacy and Safety of Apixaban versus Warfarin in Thromboembolic Event Prevention and Bleeding Adverse Event Minimization Among HeartMate3 Device-Implanted Patients with Advanced Heart Failure*

Putman, Claire, M.S., Health Sciences for Physician Assistants. Advisor: Katherine Hajjar. **Thesis:** *Using Virtual Reality in the Setting of Pediatric Pain Control in Order to Decrease the Amount of Pain Medication Needed*

Rainville, Riley, M.S., Health Sciences for Physician Assistants. Advisor: Yasmin Khakoo. **Thesis:** *The Neurobehavioral Effect on Childhood After Maternal Sars-cov-2 Infection in the First Trimester Versus at Time of Delivery*

Regalado, Jesus Ricardo, M.S., Health Sciences for Physician Assistants. Advisor: David Hajjar. **Thesis:** *A Systematic Review and Research Proposal on the Potential Cardiovascular Risk of Calcium Supplements in Patients With Low Calcium Diets*

Wenk, Brooke, M.S., Health Sciences for Physician Assistants. Advisor: Hooman Yaghoobzadeh. **Thesis:** *The Effect of His Bundle Branch Pacing Versus Left Bundle Branch Pacing on Quality of Life of Patients Being Treated With Cardiac Resynchronization Therapy*

Zamechek, Lynn, M.S., Health Sciences for Physician Assistants. Advisor: Carol Mancuso. **Thesis:** *Assessing The Diagnostic Utility Of Ultrasound For Giant Cell Arteritis In The United States*

Zepeda Melgar, Maria Fernanda, M.S., Health Sciences for Physician Assistants. Advisor: Carol Mancuso. **Thesis:** *The Use Of Ultrasound As Screening Tool For Systemic Lupus Erythematosus-Related Peripheral Neuropathy*



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.

Doctors of Medicine

May 16, 2024

Nada Kamel Abdallah, M.D. *§

Farid Aboharb, M.D., Ph.D. †

Abderhman Anees Abuhashem, M.D.,
Ph.D. †

Nneoma Adaku, M.D., Ph.D. †

Nissiya Ama Adjei, M.D. ◇

Sanjana Adurty, M.D. ◇§

Rhiannon Rose Aguilar, M.D., Ph.D. †

Bijan Aime, M.D.

Rafael Jose Almanzar, M.D. ◇

Renan Eduardo Aparicio, M.D., Ph.D. †

Emily Bae, M.D. *

Venkatesh Balaji, M.D. ◇

Evan Asher Balmuth, M.D. ◇

Alexander Sydat Bang, M.D.

Sanam Bhatia, M.D. *

Grant Garnett Black, M.D. *◇

Edward Gilbert Bowen, M.D.

Diksha Ashwin Brahmbhatt, M.D. ❖

Taylor Kyle Brashear, M.D.

Leslie Elizabeth Bull, M.D. ❖

Felipe Souza Camelo, M.D.

Benjamin John Cerrato, M.D.

Se Jung Chang, M.D. *◇§

Yunchan Chen, M.D.

Emily Cheng, M.D. ◇

George Son Corpuz, M.D. ◇

Indrani Guzman Das, M.D. ❖

Neville Navder Dusaj, M.D., Ph.D. ❖§†

Michaela Elizabeth Dwyer, M.D.

Nashwan Bari Farooque, M.D.

Benjamin Canon Gaeta, M.D.

Varshini Gali, M.D. *❖§

Erika Alma Glaubitz, M.D.

Stephanie Gu, M.D.

Winston Guo, M.D. *

Aaron Gupta, M.D., Ph.D. †

Valeria Gutierrez, M.D.

Arsalan Haghdel, M.D. ◇

Lynn Kedee Han, M.D.

Benedict Bunyi Harvey, M.D. ❖§

Richie Hong, M.D. *❖

Anum Kianat Hussain, M.D. §

Hannah Huei-Lan Hwang, M.D. *§

Jonathan Kyle Hwang, M.D.

Geena Rose Ianni, M.D., Ph.D. †

Andrew Ferdynand Iannone, M.D.,
Ph.D. †

Reine-Marcelle Wendy Ibalá, M.D. ❖§

Zina Eman Ibrahim, M.D.

Tyler Wen Judge, M.D.

Kevin Shuolong Kao, M.D., Ph.D. †

Nataliya Karashchuk, M.D.

Elizabeth Mina Khusid, M.D. *

Joon Tae Kim, M.D.

Joshua Seokju Kim, M.D.

Charles Gunnar Kinzig, M.D., Ph.D. †

Elizabeth Sunyoung Koh, M.D.

Hudson Sun-Ki Lee, M.D.

Joyce Lee, M.D. *

Kevin Lee, M.D.

Nathan Keliionalani Ke Lee, M.D.

Tehilla Berger Lipsky, M.D. ◇

Rachel Lisker, M.D.

Esther Yixin Liu, M.D. *❖◇

Shuting Lu, M.D.

Grant Michael Luhmann, M.D.

Briana Lui, M.D. *◇

Dianne Michelle Tinio Lumaquin-Yin,
M.D., Ph.D. †

Omri Maayan, M.D. ◇

Emily Bess Manin, M.D. *

Sean Patrick McCoy, M.D. ◇§

Emily Jean Mello, M.D.

Alexandra Haley Miller, M.D., Ph.D. †

Chenel Lori-Ann Morrison, M.D.

Robert Michael Myers, M.D., Ph.D. †

Priyanka Rajasree Narayan, M.D. ◇

Jodie Rae Nghiem, M.D. *

Natalie Thuy-Nhi Nguyen, M.D. ❖§

Ikenna Clinton Onyekwere, M.D. ❖

Federico Palacardo, M.D. *§

Steven Dachuan Pan, M.D. ◇

Vruj Patel, M.D.

Luiza Rezende Izoldi Perez, M.D. *❖§

Samantha Michelle Phillips, M.D., Ph.D.
†

Harlan Linver Pietz, M.D., Ph.D. †

Daniel Poston, M.D., Ph.D. †

Ananth Punyala, M.D.

Sam Jeremy Rashkovich, M.D. ◇

Devin Mary Ray, M.D., Ph.D. †§

Peyman Razavi, M.D. *❖

Carlos Alberto Rico, M.D. ◇

Maxine Elise Riter, M.D.

Natalia Roszkowska, M.D.

Hector Fernando Salazar Martinez,
M.D. §

Milan Singh Sandhu, M.D.

Andrew Francis Siliciano, M.D., Ph.D. †

Branden Rafael Sosa, M.D. *❖◇§

Yashes Srinivasan, M.D. ◇

Yael Razi Stovezky, M.D. ◇

Eric Simon Takoushian, M.D.

Nicholas Ryan Tedrow, M.D.

Andrew Constantin Toader, M.D., Ph.D.
†

Miguel Eduardo Tusa Lavieri, M.D. ❖

Crystal Chang-Ann Wang, M.D. *

Matthew Adam Wickersham, M.D.,
Ph.D. ❖§†

Mark Douglas Wishman, M.D.

Eric Bo Zheng, M.D., Ph.D. †

William Anlan Zheng, M.D.

George Zhou, M.D.

Artine Nabil Zzarzani, M.D.

Approval contingent on their successful completion of the academic program

* Alpha Omega Alpha Honor Medical Society/with Academic Distinction

❖ Gold Humanism Honor Society

◇ with Honors in Research

§ with Honors in Service

† Weill Cornell/Rockefeller/Sloan Kettering Tri-Institutional M.D.-Ph.D. Program

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.

Music by
Opus 5 Music

RODGERS is the official house organ at Carnegie Hall.



Weill Cornell Medicine



Weill Cornell
Medicine

