



**Weill Cornell  
Medicine**

# **Weill Cornell Graduate School of Medical Sciences**

## **Commencement**

Thursday, the Fourteenth of May  
Two Thousand Twenty-Six



# Program

## Academic Procession

Kathryn Boor, Ph.D.

University Marshal

Joan Massagué, Ph.D.

Macebearer

## Presentation of the Academic Assembly

Professor Boor

## Opening Reflection

Kimiko Hahn

New York State Poet

## 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

Michael Kotlikoff, V.M.D., Ph.D., Sc.D. (h.c)

President and Professor of Molecular Physiology, 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

Kenneth Johnson

Weill Cornell Graduate School of Medical Sciences

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

Bruce Schackman, Ph.D., M.B.A.

Associate Dean, Weill Cornell Graduate School of Medical Sciences

### Conferment of the Degree of Master of Science

President Kotlikoff

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

Dean Hempstead

### Conferment of the Degree of Doctor of Philosophy

President Kotlikoff

## Presentation of the Graduate School of Medical Sciences Alumni Award of Distinction to Ruth E. Atherton, Ph.D. '99, J.D.

Rana Sawaya, Ph.D. '04

Weill Cornell Graduate School Alumni Advisory Council

## Presentation of Jeanne and Herbert Siegel Award for Outstanding Medical Research to Simon Scheuring, Ph.D.

Dean Harrington

## Schubert String Quartet No. 14

### II. Andante con moto

Weill Cornell Music and Medicine Initiative

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

Violin: Hana Burgess, Ph.D. Entering Class of '24,

Eunseo Sung, Ph.D. Entering Class of '24

Viola: Annie Wu, M.D. '27

Cello: Bryce Katch, M.D., Ph.D. Entering Class of '23

## Farewell to the Graduates

Dean Harrington

## Alma Mater

## Recessional

*Kindly hold applause until all presentations are completed*

# Recipients of Degrees 2026

**Weill Cornell Graduate School  
of Medical Sciences**

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# Masters of Science

August 31, 2025

**Beaton, Jamie**, M.S., Health Policy & Economics. Advisor: Czarina Behrends. **Capstone Project:** *Immigrant Well-Being Dataset Catalog.*

**Berube, Erin Elizabeth**, M.S., Clinical & Translational Investigation. Advisors: Carl Imhauser and Mengmeng Du. **Thesis:** *Predicting Early Graft Failure in ACL Reconstruction: A Quantitative Imaging, Knee Stability, and Patient-Specific Knee Modeling Approach.*

**Brinda, Ryan Zachary**, M.S., Health Policy & Economics. Advisor: Dhruv Khullar. **Capstone Project:** *Promoting Health Equity Through Medical Literature Synthesis and Patient Education.*

**Cao, Luxin**, M.S., Health Policy & Economics. Advisor: Amelia Bond. **Capstone Project:** *Healthcare Market Conduct.*

**Chang, Aiquan**, M.S., Immunology & Microbial Pathogenesis. Advisor: Sallie Parmar.

**Chen, Huiqi**, M.S., Health Policy & Economics. Advisor: Dhruv Khullar. **Capstone Project:** *Promoting Health Equity Through Medical Literature Synthesis and Patient Education.*

**Chen, Jinru**, M.S., Health Informatics. Advisor: Yifan Peng. **Capstone Project:** *Multimodal AI Fusion Model for Fracture.*

**Chen, Shishuo**, M.S., Health Informatics. Advisor: Yiye Zhang. **Capstone Project:** *Towards a Digital Social Concierge: Reducing Social Isolation by Increasing Opportunities for Community Engagement.*

**Cheng, Liheng**, M.S., Health Policy & Economics. Advisor: Yongkang Zhang. **Capstone Project:** *Comparison of Electronic Televised Media Health Advertising To Men and Boys Compared To Women and Girls.*

**Cheng, Yufan**, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Capstone Project:** *Building a Personalized 360 Degree Healthcare Management Hub for Seniors and their Caregivers.*

**Chundury, Sanhita**, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Capstone Project:** *Benchmarking Unstructured Clinical Text Risk Classification with Natural Language Processing.*

**Ding, Hongli**, M.S., Health Informatics. Advisor: Braja Patra. **Capstone Project:** *Intelligence – Prompt Engineering.*

**Easwar Kumar, Vigneshwari**, M.S., Molecular Biology. Advisor: Steven Josefowicz.

**Feng, Jiayu**, M.S., Health Informatics. Advisor: Yiye Zhang. **Capstone Project:** *Towards a Digital Social Concierge: Reducing Social Isolation by Increasing Opportunities for Community Engagement.*

**Feng, Yujia**, M.S., Health Policy & Economics. Advisor: Marianne Sharko. **Capstone Project:** *Perceptions and Experiences with Stigmatizing Language in Clinical Notes of Patients with History of Pregnancy and Substance Use Disorder.*

**Fu, Siyuan**, M.S., Health Policy & Economics. Advisor: Amelia Bond. **Capstone Project:** *Healthcare Market Conduct.*

**Gao, Shenghan**, M.S., Health Policy & Economics. Advisor: Tyler Braun. **Capstone Project:** *Massachusetts' Steward Health System Crisis--Should Private Equity Take the Blame?*

**Gong, Hao**, M.S., Health Policy & Economics. Advisor: Jose Florez-Arango. **Capstone Project:** *Building a Personalized 360 Degree Healthcare Management Hub for Seniors and their Caregivers.*

**Gopaldas, Manesh**, M.S., Health Policy & Economics. Advisor: Sean Murphy. **Capstone Project:** *Evaluating Service Utilization, Retention, & Quality of Opioid Use Disorder (OUD) Treatment in Certified Community Behavioral Health Clinics (CCBHCs) Compared to Other Licensed Mental Health Clinics in New York State.*

**Guo, Ruitong**, M.S., Health Policy & Economics. Advisor: Derek Lake. **Capstone Project:** *Creating an Open and Accessible Database of Research on Interventions to Help Older Adults Use and Benefit from Technology.*

**Hamilton, Pauline**, M.S., Neuroscience. Advisor: Conor Liston.

**He, Zeyu**, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Capstone Project:** *Accessibility of Security Features for the Top Frequently Visited Websites.*

**Hou, Jie**, M.S., Health Informatics. Advisor: Derek Lake. **Capstone Project:** *Creating an Open and Accessible Database of Research on Interventions to Help Older Adults Use and Benefit from Technology.*

**Hu, Yi**, M.S., Health Policy & Economics. Advisor: Jose Florez-Arango. **Capstone Project:** *A Fourteen Year Meta-Analysis of HITECH Data Breach Reports.*

**Huang, Chuyan**, M.S., Health Policy & Economics. Advisor: Dhruv Khullar. **Capstone Project:** *Promoting Health Equity Through Medical Literature Synthesis and Patient Education.*

**James, Eleanor Clifford**, M.S., Health Policy & Economics. Advisor: Will Schpero. **Capstone Project:** *Medical Debt Relief in New York State: Measuring Potential Impact to Inform Reform.*

**Jiang, Shujun**, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Capstone Project:** *Summary and Explanation of Clinical Data Driven by Artificial Intelligence to Empower Patients.*

**Jiang, Yuxuan**, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Capstone Project:** *Matchmaking Program to Identify Inter-Disciplinary Collaborators Across the Meyer Cancer Center.*

**Jin, Shengji**, M.S., Health Informatics. Advisor: Yifan Peng. **Capstone Project:** *New Methods to Combine Medical Image Data and Genetic Data to Predict the Risk of Late Age-Related Macular Degeneration.*

**Juray, Alison Alexandra**, M.S., Health Policy & Economics. Advisor: Yifan Peng. **Capstone Project:** *Multimodal AI Fusion Model for Fracture Detection.*

# Masters of Science

August 31, 2025 (continued)

**Kou, Liqi**, M.S., Health Informatics. Advisor: Chang Su.  
**Capstone Project:** *GenAI Agent Framework*.

**Latif, Shahnaj**, M.S., Biomedical Imaging. Advisor: Sumit Niogi. **Thesis:** *MRI Texture Analysis as an Early Imaging Biomarker for Cerebral Adrenoleukodystrophy*.

**Li, Erwang**, M.S., Health Policy & Economics. Advisor: Jose Florez-Arango. **Capstone Project:** *Benchmarking Unstructured Clinical Text Risk Classification with Natural Language Processing*.

**Li, Heyuan**, M.S., Health Policy & Economics. Advisor: Jose Florez-Arango. **Capstone Project:** *Finding My Way: A Wellness Platform for Metastatic Cancer Survivors*.

**Liang, Xin**, M.S., Health Policy & Economics. Advisor: Pragya Kakani. **Capstone Project:** *Fraud, Waste, and Abuse (FWA)*.

**Lin, Xin**, M.S., Health Policy & Economics. Advisor: Amelia Bond. **Capstone Project:** *Healthcare Market Conduct*.

**Liu, Chunyang**, M.S., Health Policy & Economics. Advisor: Jose Florez-Arango. **Capstone Project:** *Summary and Explanation of Clinical Data Driven by Artificial Intelligence to Empower Patients*.

**Liu, Shanying**, M.S., Health Policy & Economics. Advisor: Jose Florez-Arango. **Capstone Project:** *Benchmarking Unstructured Clinical Text Risk Classification with Natural Language Processing*.

**Liu, Tong**, M.S., Health Policy & Economics. Advisor: Derek Lake. **Capstone Project:** *Creating an Open and Accessible Database of Research on Interventions to Help Older Adults Use and Benefit from Technology*.

**Marathe, Priya Hemant**, M.S., Clinical & Translational Investigation. Advisors: Eli Diamond and Nitya Gulati. **Thesis:** *Symptoms, Unmet Needs, and Quality of Life in Erdheim-Chester Disease: A Longitudinal Registry-Based Analysis*.

**McClure, Timothy Dale**, M.S., Clinical & Translational Investigation. Advisors: Joseph Osborne and Olorunseun Ogunwobi. **Thesis:** *Radiation Therapy and Irreversible Electroporation for Intermediate Risk Prostate Cancer (RTIRE)*.

**Morozyuk, Dmitry**, M.S., Health Informatics. Advisor: Mark Weiner. **Capstone Project:** *Exploring the Overlap Between Components of a Computable Phenotype and Descriptive Comparisons of Patient Characteristics at Different Hospitals to Determine if Data is Missing for Patients*.

**Mou, Chenxi**, M.S., Health Policy & Economics. Advisor: Marianne Sharko. **Capstone Project:** *Perceptions and Experiences with Stigmatizing Language in Clinical Notes of Patients with History of Pregnancy and Substance Use Disorder*.

**Nara, Tsui**, M.S., Health Informatics. Advisor: Chang Su.  
**Capstone Project:** *GenAI Agent Framework*.

**Qi, Jianing**, M.S., Health Policy & Economics. Advisor: Yongkang Zhang. **Capstone Project:** *Comparison of Electronic Televised Media Health Advertising To Men and Boys Compared To Women and Girls*.

**Qian, Jiahe**, M.S., Health Informatics. Advisor: Yifan Peng. **Capstone Project:** *Multimodal AI Fusion Model for Fracture Detection*.

**Qin, Qing**, M.S., Health Policy & Economics. Advisor: Braja Patra. **Capstone Project:** *Intelligence – Prompt Engineering*.

**Quintero, Joanna**, M.S., Health Policy & Economics. Advisor: Beth McGinty. **Capstone Project:** *Medicaid Payment for Pediatricians: Policy Analysis*.

**Ramloul, Claire E.**, M.S., Clinical & Translational Investigation. Advisors: Sallie Permar and Sarah Caddy. **Thesis:** *Assessing HCMV Viral Fc Gamma Receptors as Vaccine Antigens*.

**Ratwani, Sahil Haresh**, M.S., Health Informatics. Advisor: Yifan Peng. **Capstone Project:** *New Methods to Combine Medical Image Data and Genetic Data to Predict the Risk of Late Age-Related Macular Degeneration*.

**Ren, Ningzi**, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Capstone Project:** *Finding My Way: A Wellness Platform for Metastatic Cancer Survivors*.

**Shen, Xinyu**, M.S., Health Policy & Economics. Advisor: Will Schpero. **Capstone Project:** *Medical Debt Relief in New York State: Measuring Potential Impact to Inform Reform*.

**Song, Yuchen**, M.S., Health Policy & Economics. Advisor: Beth McGinty. **Capstone Project:** *Medicaid Payment for Pediatricians: Policy Analysis*.

**Sun, Jiayi**, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Capstone Project:** *Essential Hypotension and Allostasis Registry*.

**Tao, Siye**, M.S., Health Informatics. Advisor: Beth McGinty. **Capstone Project:** *Medicaid Payment for Pediatricians Policy Analysis*.

**Tian, Ruijia**, M.S., Health Informatics. Advisor: Yifan Peng. **Capstone Project:** *New Methods to Combine Medical Image Data and Genetic Data to Predict the Risk of Late Age-Related Macular Degeneration*.

**Tucewicz, Ashley**, M.S., Cell & Developmental Biology. Advisor: Daniel Bachovchin.

**Wan, Deqian**, M.S., Health Policy & Economics. Advisor: Yiye Zhang. **Capstone Project:** *Towards a Digital Social Concierge: Reducing Social Isolation by Increasing Opportunities for Community Engagement*.

**Wang, Baitong**, M.S., Health Policy & Economics. Advisor: Pragya Kakani. **Capstone Project:** *Fraud, Waste, and Abuse (FWA)*.

**Wang, Chuqiao**, M.S., Health Policy & Economics. Advisor: Jose Florez-Arango. **Capstone Project:** *Matchmaking Program to Identify Inter-Disciplinary Collaborators Across the Meyer Cancer Center*.

# Masters of Science

August 31, 2025 (continued)

**Wang, Jiaheng**, M.S., Health Policy & Economics. Advisor: Beth McGinty. **Capstone Project:** *Medicaid Payment for Pediatricians: Policy Analysis.*

**Wang, Jidong**, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Capstone Project:** *Building a Personalized 360 Degree Healthcare Management Hub for Seniors and their Caregivers.*

**Wang, Rongrong**, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Capstone Project:** *Adopting Conversational Agents in PTSD Interventions: A Scoping Review.*

**Wang, Tengjing**, M.S., Health Informatics. Advisor: Mark Unruh. **Capstone Project:** *Toward a Robust Evaluation of Household Model Nursing Homes.*

**Wang, Xinning**, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Capstone Project:** *Full-Stack Development.*

**Wang, Xinyao**, M.S. Health Policy & Economics. Advisor: Mark Unruh. **Capstone Project:** *Toward a Robust Evaluation of Household Model Nursing Homes.*

**Wang, Xinyi**, M.S., Health Policy & Economics. Advisor: Braja Patra. **Capstone Project:** *Intelligence – Prompt Engineering.*

**Wang, Yalun**, M.S., Health Policy & Economics. Advisor: Amelia Bond. **Capstone Project:** *Healthcare Market Conduct.*

**Wang, Yufei**, M.S., Health Policy & Economics. Advisor: Jose Florez-Arango. **Capstone Project:** *Building a Personalized 360 Degree Healthcare Management Hub for Seniors and their Caregivers.*

**Wang, Yuntong**, M.S., Health Policy & Economics. Advisor: Eunji Choi. **Capstone Project:** *Racial Disparities in Multiple Primary Cancers: Assessing Incidence, Mortality, and Health Outcomes.*

**Wang, Ziqian**, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Capstone Project:** *Summary and Explanation of Clinical Data Driven by Artificial Intelligence to Empower Patients.*

**Witting, Britta Marie**, M.S., Clinical & Translational Investigation. Advisors: Catherine Small and Weigang Qiu. **Thesis:** *CD8 T Cells as a Prognostic Marker for BK Polyomavirus Related Outcomes in Renal Transplant Recipients with HIV.*

**Wu, Hao**, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Capstone Project:** *Benchmarking Unstructured Clinical Text Risk Classification with Natural Language Processing.*

**Wu, Puzhen**, M.S., Health Informatics. Advisor: Yifan Peng. **Capstone Project:** *New Methods to Combine Medical Image Data and Genetic Data to Predict the Risk of Late Age-Related Macular Degeneration.*

**Xie, Zhixin**, M.S., Health Policy & Economics. Advisor: Derek Lake. **Capstone Project:** *Creating an Open and Accessible Database of Research on Interventions to Help Older Adults Use and Benefit from Technology.*

**Xing, Jinying**, M.S., Health Informatics. Advisor: Marianne Sharko. **Capstone Project:** *Perceptions and Experiences with Stigmatizing Language in Clinical Notes of Patients with History of Pregnancy and Substance Use Disorder.*

**Xu, Jing**, M.S., Health Policy & Economics. Advisor: Mark Unruh. **Capstone Project:** *Toward a Robust Evaluation of Household Model Nursing Homes.*

**Xu, Jingtong**, M.S., Health Policy & Economics. Advisor: Derek Lake. **Capstone Project:** *Creating an Open and Accessible Database of Research on Interventions to Help Older Adults Use and Benefit from Technology.*

**Xu, Kangshuo**, M.S., Health Policy & Economics. Advisor: Chang Su. **Capstone Project:** *GenAI Agent Framework.*

**Yang, Dairui**, M.S., Health Policy & Economics. Advisor: Pragya Kakani. **Capstone Project:** *Fraud, Waste, and Abuse (FWA).*

**Ye, Yuxin**, M.S., Health Policy & Economics. Advisor: Jose Florez-Arango. **Capstone Project:** *Essential Hypotension and Allostasis Registry.*

**Yin, Mingzhe**, M.S., Health Informatics. Advisor: Yifan Peng. **Capstone Project:** *Multimodal AI Fusion Model for Fracture Detection.*

**Ying, Yuling**, M.S., Health Policy & Economics. Advisor: Mark Unruh. **Capstone Project:** *Toward a Robust Evaluation of Household Model Nursing Homes.*

**Zang, Gaoyuan**, M.S., Health Policy & Economics. Advisor: Jose Florez-Arango. **Capstone Project:** *Essential Hypotension and Allostasis Registry.*

**Zhang, Haiyue**, M.S., Health Policy & Economics. Advisor: Amelia Bond. **Capstone Project:** *Healthcare Market Conduct.*

**Zhang, Jiahe**, M.S., Health Policy & Economics. Advisor: Dhruv Khullar. **Capstone Project:** *Promoting Health Equity Through Medical Literature Synthesis and Patient Education.*

**Zhang, Leyi**, M.S., Health Policy & Economics. Advisor: Pragya Kakani. **Capstone Project:** *Fraud, Waste, and Abuse (FWA).*

**Zhang, Yihan**, M.S., Health Policy & Economics. Advisor: Braja Patra. **Capstone Project:** *Intelligence – Prompt Engineering.*

**Zhao, Yihan**, M.S., Health Policy & Economics. Advisor: Czarina Behrends. **Capstone Project:** *Immigrant Well-Being Dataset Catalog.*

**Zhao, Zhenyuan**, M.S., Health Policy & Economics. Advisor: Yongkang Zhang. **Capstone Project:** *Comparison of Electronic Televised Media Health Advertising To Men and Boys Compared To Women and Girls.*

**Zheng, Jiazhuo**, M.S., Health Informatics. Advisor: Will Schpero. **Capstone Project:** *Medical Debt Relief in New York State: Measuring Potential Impact to Inform Reform.*

**Zheng, Yixiang**, M.S., Health Policy & Economics. Advisor: Will Schpero. **Capstone Project:** *Medical Debt Relief in New York State: Measuring Potential Impact to Inform Reform.*

# Masters of Science

## August 31, 2025 (continued)

**Zhou, Hanlei**, M.S., Health Policy & Economics. Advisor: Marianne Sharko. **Capstone Project:** *Perceptions and Experiences with Stigmatizing Language in Clinical Notes of Patients with History of Pregnancy and Substance Use Disorder.*

**Zhou, Zhe**, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Capstone Project:** *A Fourteen Year Me-ta-Analysis of HITECH Data Breach Report.*

**Zurowski, David James**, M.S., Immunology & Microbial Pathogenesis. Advisor: Rachel Niec.

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## December 31, 2025

**Barage, Abhay Gangaram**, M.S., Biostatistics & Data Science. Advisor: Arindam RoyChoudhury. **Internship:** *Legend Biotech (HireGenics).*

**Cai, Shijie**, M.S., Biostatistics & Data Science. Advisor: Arindam RoyChoudhury. **Capstone Project:** *Analysis and Insights for BioVenture eLab Programming.*

**Cao, Yujing**, M.S., Biostatistics & Data Science. Advisor: Kathy Zhou. **Capstone Project:** *Exploring the Shift Toward Breast Conservation: Comparative Analysis of Lumpectomy Versus Mastectomy Outcomes Using the National Cancer Database.*

**Chen, Hanzhi**, M.S., Biostatistics & Data Science. Advisor: Arindam RoyChoudhury. **Portfolio:** *Physical Activity Trajectories and Health Outcomes Using NHANES Data.*

**Chen, Zihui**, M.S., Biostatistics & Data Science. Advisor: Kathy Zhou. **Capstone Project:** *Impact of Type 2 Diabetes and Anti-Diabetic Medications on Immunotherapy Response in Patients with Breast Cancer.*

**Cui, Chang**, M.S., Biomedical Imaging. Advisor: Sadek Nehmeh. **Thesis:** *Dual-[FMISO+FLT] PET in Glioblastoma: Association with Sites of Subsequent Recurrence.*

**Fan, Yuting**, M.S., Biostatistics & Data Science. Advisor: Arindam RoyChoudhury. **Internship:** *United Nations.*

**Gao, Xuan**, M.S., Biostatistics & Data Science. Advisor: Arindam RoyChoudhury. **Capstone Project:** *Analysis and Insights for BioVenture eLab Programming.*

**Gong, Yachen**, M.S., Biostatistics & Data Science. Advisor: Samprit Banerjee. **Capstone Project:** *Next-Generation AI Assistant to Support the Use Case of Upskilling Medical Healthcare Professionals and Students Using Emerging XR and AI.*

**Han, Yaqian**, M.S., Biostatistics & Data Science. Advisor: Zhengming Chen. **Capstone Project:** *Effect of a Biofortified Intervention on Immune Response.*

**Huang, Chujun**, M.S., Biostatistics & Data Science. Advisor: Samprit Banerjee. **Capstone Project:** *Next-Generation AI Assistant to Support the Use Case of Upskilling Medical Healthcare Professionals and Students Using Emerging XR and AI.*

**Huang, Lan**, M.S., Biostatistics & Data Science. Advisor: Samprit Banerjee. **Capstone Project:** *Next-Generation AI Assistant to Support the Use Case of Upskilling Medical Healthcare Professionals and Students Using Emerging XR and AI.*

**Huang, Muyang**, M.S., Biostatistics & Data Science. Advisor: Arindam RoyChoudhury. **Capstone Project:** *Analysis and Insights for BioVenture eLab Programming.*

**Huang, Wenbo**, M.S., Biostatistics & Data Science. Advisor: Kathy Zhou. **Portfolio:** *Tumor Growth Curve Analysis in Preclinical Mouse Studies: A Comprehensive Literature Review and Methods Comparison.*

**Jiang, Mian**, M.S., Biostatistics & Data Science. Advisor: Himel Mallick. **Capstone Project:** *Exploring Determinants of Recognition in Professional Excellence: A Framework for Data-Driven Analysis.*

**Kelly, Nicole**, M.S., Clinical Epidemiology & Health Services Research. Advisors: Erika L. Abramson and Monika Safford. **Thesis:** *A National Evaluation of Admissions for Pediatric Somatic Symptom and Related Disorders.*

**Li, Juncheng**, M.S., Biostatistics & Data Science. Advisor: Himel Mallick. **Capstone Project:** *Spatially Constrained Deep Learning for Spatial Multi-Omics Integration.*

**Li, Lejing**, M.S., Biostatistics & Data Science. Advisor: Kathy Zhou. **Capstone Project:** *Impact of Type 2 Diabetes and Anti-Diabetic Medications on Immunotherapy Response in Patients with Breast Cancer.*

**Liang, Junyu**, M.S., Biostatistics & Data Science. Advisor: Arindam RoyChoudhury. **Internship:** *Amazon.*

**Liang, Xindan**, M.S., Biostatistics & Data Science. Advisor: Himel Mallick. **Capstone Project:** *Spatially Constrained Deep Learning for Spatial Multi-Omics Integration.*

**Lin, Jing**, M.S., Biostatistics & Data Science. Advisor: Samprit Banerjee. **Capstone Project:** *Natural Language Processing Approaches to Build a Recommender System That Could Reduce Social Isolation in Older Adults.*

**Lin, Po-Kai**, M.S., Biostatistics & Data Science. Advisor: Arindam RoyChoudhury. **Internship:** *Prudential.*

**Liu, Jianuo**, M.S., Biostatistics & Data Science. Advisor: Arindam RoyChoudhury. **Capstone Project:** *Analysis and Insights for BioVenture eLab Programming.*

**Liu, Zhixi**, M.S., Biostatistics & Data Science. Advisor: Himel Mallick. **Capstone Project:** *Integrating Data for Causal Inference.*

**Lui, Megan**, M.S., Biostatistics & Data Science. Advisor: Zhengming Chen. **Capstone Project:** *Effect of a Biofortified Intervention on Immune Response.*

**Luo, Kening**, M.S., Biostatistics & Data Science. Advisor: Linda Gerber. **Capstone Project:** *Micronutrients and Metabolic Outcomes in Southern India.*

**Qian, Yaqi**, M.S., Biostatistics & Data Science. Advisor: Arindam RoyChoudhury. **Capstone Project:** *Variation in Kidney Transplant Access and Outcomes.*

# Masters of Science

December 31, 2025 (continued)

**Ralls, John Harmon**, M.S., Pharmacology. Advisor: Julie Margarian Blander.

**Rouzbahani, Parham**, M.S., Biostatistics & Data Science. Advisor: Paul Christos. **Portfolio:** *Building a Radiology Image Reference Database with AI-Driven Extensions for Image Coregistration and Synthetic Data Generation.*

**Ryu, Jaekeun**, M.S., Health Policy & Economics. Advisor: Czarina Behrends. **Capstone Project:** *Cataloging Immigrant Well-Being Datasets: A Systematic Review of Health, Social Determinants, and Policy Data in the United States.*

**Salinas, Thalia**, M.S., Clinical & Translational Investigation. Advisors: Manikkam Suthanthiran and Iwijn de Vlaminck. **Thesis:** *Multimodal Profiling for the Noninvasive Diagnosis of Kidney Allograft Rejection.*

**Sathiyamoorthy, Vaishnavi**, M.S., Biostatistics & Data Science. Advisor: Zhengming Chen. **Capstone Project:** *Effect of a Biofortified Intervention on Immune Response.*

**Sehampai, Max**, M.S., Biostatistics & Data Science. Advisor: Kathy Zhou. **Capstone Project:** *Exploring the Shift Toward Breast Conservation: Comparative Analysis of Lumpectomy Versus Mastectomy Outcomes Using the National Cancer Database.*

**Shah, Dirgh Viral**, M.S., Biostatistics & Data Science. Advisor: Kathy Zhou. **Capstone Project:** *Exploring the Shift Toward Breast Conservation: Comparative Analysis of Lumpectomy Versus Mastectomy Outcomes Using the National Cancer Database.*

**Shao, Lizi**, M.S., Biostatistics & Data Science. Advisor: Kathy Zhou. **Capstone Project:** *Exploring the Shift Toward Breast Conservation: Comparative Analysis of Lumpectomy Versus Mastectomy Outcomes Using the National Cancer Database.*

**Sheng, Mengyang**, M.S., Biostatistics & Data Science. Advisor: Himel Mallick. **Capstone Project:** *Integrating Data for Causal Inference.*

**Song, Peihao**, M.S., Biostatistics & Data Science. Advisor: Himel Mallick. **Capstone Project:** *Exploring Determinants of Recognition in Professional Excellence: A Framework for Data-Driven Analysis.*

**Tai, Jiayi**, M.S., Biostatistics & Data Science. Advisor: Sampriti Banerjee. **Capstone Project:** *Natural Language Processing Approaches to Build a Recommender System That Could Reduce Social Isolation in Older Adults.*

**Tan, Shiqin**, M.S., Biomedical Imaging. Advisor: Harini Veeraraghavan. **Thesis:** *Integrating Multiple Modalities with Pretrained Swin Foundation Model for Head and Neck Tumor Segmentation.*

**Tian, Zihong**, M.S., Biostatistics & Data Science. Advisor: Sampriti Banerjee. **Capstone Project:** *Natural Language Processing Approaches to Build a Recommender System That Could Reduce Social Isolation in Older Adults.*

**Tong, Jianyu**, M.S., Biostatistics & Data Science. Advisor: Sampriti Banerjee. **Capstone Project:** *Natural Language Processing Approaches to Build a Recommender System That Could Reduce Social Isolation in Older Adults.*

**Wang, Fanxi**, M.S., Biostatistics & Data Science. Advisor: Himel Mallick. **Capstone Project:** *Spatially Constrained Deep Learning for Spatial Multi-Omics Integration.*

**Wang, Liyi**, M.S., Biostatistics & Data Science. Advisor: Linda Gerber. **Capstone Project:** *Micronutrients and Metabolic Outcomes in Women of Reproductive Age in Southern India.*

**Wong, Michelle**, M.S., Biostatistics & Data Science. Advisor: Yushu Shi. **Portfolio:** *Investigating Environmental Risk Factors and Survival Outcomes in Non-Small Cell Lung Cancer Patients.*

**Xing, Yihan**, M.S., Biostatistics & Data Science. Advisor: Himel Mallick. **Capstone Project:** *Spatially Constrained Deep Learning for Spatial Multi-Omics Integration.*

**Yang, Yiyan**, M.S., Biostatistics & Data Science. Advisor: Himel Mallick. **Capstone Project:** *Exploring Determinants of Recognition in Professional Excellence: A Framework for Data-Driven Analysis.*

**Yossefy, Yael Shari**, M.S., Biostatistics & Data Science. Advisor: Kathy Zhou. **Capstone Project:** *Impact of Type 2 Diabetes and Anti-Diabetic Medications on Immunotherapy Response in Patients with Breast Cancer.*

**Yun, Zihui**, M.S., Health Informatics. Advisor: Jose Florez-Arango. **Capstone Project:** *A Cloud-Based Secure Patient Management System with AI-Assisted Clinical Summarization for Psychiatric Care.*

**Zhang, Jingxuan**, M.S., Biostatistics & Data Science. Advisor: Himel Mallick. **Capstone Project:** *Integrating Data for Causal Inference.*

**Zhang, Jingze**, M.S., Biostatistics & Data Science. Advisor: Sampriti Banerjee. **Capstone Project:** *Natural Language Processing Approaches to Build a Recommender System That Could Reduce Social Isolation in Older Adults.*

**Zhang, Xinyi**, M.S., Biostatistics & Data Science. Advisor: Arindam RoyChoudhury. **Internship:** Natera.

**Zhang, Yingchen**, M.S., Biostatistics & Data Science. Advisor: Arindam RoyChoudhury. **Internship:** Apexus-Tech.

**Zhu, Changrui**, M.S., Biostatistics & Data Science. Advisor: Sampriti Banerjee. **Capstone Project:** *Next-Generation AI Assistant to Support the Use Case of Upskilling Medical Healthcare Professionals and Students Using Emerging XR and AI.*

**Zhu, Ruiying**, M.S., Biomedical Imaging. Advisor: Sadek Nehmeh. **Thesis:** *Monte Carlo Simulation of Total-Body PET Using High-Frequency Electronics Readout.*

**Zhuang, Hao**, M.S., Biostatistics & Data Science. Advisor: Linda Gerber. **Capstone Project:** *Micronutrients and Metabolic Outcomes in Southern India.*

**Zhuo, Xinran**, M.S., Biostatistics & Data Science. Advisor: Arindam RoyChoudhury. **Internship:** Icahn School of Medicine--Mount Sinai.

# Masters of Science

May 14, 2026

**Abrams, Alexandra Chloe**, M.S., Healthcare Leadership. **Capstone Project:** *DocGo: Scaling Primary Care Through Data-Driven Insights.*

**Alexandre, Wheytnie**, M.S., Clinical Epidemiology & Health Services Research. Advisors: Laura Alonso and Monika Safford. **Thesis:** *Reproductive Health Characteristics and Cardiovascular Diseases Among An Urban Cohort In Haiti.*

**Aspromonte, Salvatore**, M.S., Clinical & Translational Investigation. Advisor: Filemon Dela Cruz and Alexander Chou. **Thesis:** *Repurposing DLL3 CAR T Cells to Treat Refractory Neuroblastoma.*

**Averill, Victoria Alicia**, M.S., Healthcare Leadership. **Capstone Project:** *10X Beta Venture Studio: Market and Product Assessment for Women's Healthcare.*

**Avila Amat, Gustavo Arturo**, M.S., Healthcare Leadership. **Capstone Project:** *DocGo: Scaling Primary Care Through Data-Driven Insights.*

**Barlev, Renee Adina**, M.S., Healthcare Leadership **Capstone Project:** *IBM: Development and Growth of Home Healthcare Powered by AI.*

**Benson, Joealen**, M.S., Healthcare Leadership. **Capstone Project:** *IBM: Development and Growth of Home Healthcare Powered by AI.*

**Bhatt, Hetal**, M.S., Clinical Epidemiology & Health Services Research. Advisors: Junaid Razzak and Prakriti Gill. **Thesis:** *From Lived Experiences to Preparedness: Bridging Children's Experiences and Systems-Level Gaps in Disaster Response.*

**Bin Md Salih, Shah Reza** M.S., Healthcare Leadership. **Capstone Project:** *Stryker: Leveraging Technologies to Improve Orthopedic Products.*

**Borodulina, Galina**, M.S., Healthcare Leadership. **Capstone Project:** *IBM: Development and Growth of Home Healthcare Powered by AI.*

**Burkhard, Marco**, M.S., Clinical Epidemiology & Health Services Research. Advisors: Alexander Hughes. **Thesis:** *Standalone Lateral Lumbar Interbody Fusion as a Prevention and Treatment Strategy for Adjacent Segment Disease in Lumbar Fusion Surgery.*

**Cerecino Mayer, Fumei**, M.S., Healthcare Leadership. **Capstone Project:** *Medidata: Leveraging Technology and AI in Value Based Care and Clinical Trials.*

**Cheng, Tao**, M.S., Healthcare Leadership. **Capstone Project:** *Medidata: Leveraging Technology and AI in Value Based Care and Clinical Trials.*

**Choi, Koeun**, M.S., Clinical Epidemiology & Health Services Research. Advisors: Martin Shapiro and Monika Safford. **Thesis:** *Screenings at Shebeens: A Cross-Sectional Community-Based Study Targeting High-Risk and Disengaged Populations for Hypertension, Diabetes, HIV, and Tuberculosis in Rural South Africa.*

**Choi, Sharon**, M.S., Healthcare Leadership. **Capstone Project:** *Forge Health: Identifying Alternative Strategies and Models to Support Growth for Outpatient Behavioral Health Programs.*

**Chokshi, Priya**, M.S., Healthcare Leadership. **Capstone Project:** *Stryker: Leveraging Technologies to Improve Orthopedic Products.*

**Chu, Pei Lun**, M.S., Healthcare Leadership. **Capstone Project:** *Stryker: Leveraging Technologies to Improve Orthopedic Products.*

**Comerie, Camille Henry**, M.S., Healthcare Leadership. **Capstone Project:** *Quest Diagnostics: Strategic Development to Respond to Value Based Kidney Care Market Needs.*

**Crowley, Chaffee**, M.S., Healthcare Leadership. **Capstone Project:** *Forge Health: Identifying Alternative Strategies and Models to Support Growth for Outpatient Behavioral Health Programs.*

**Dash, Sohom**, M.S., Computational Biology. Advisor: George Khelashvili. **Thesis:** *Molecular Mechanisms of Lipid Scrambling in Beta-Adrenergic Receptors.*

**Falloon, Angelica**, M.S., Healthcare Leadership. **Capstone Project:** *Pfizer: Identifying High-Impact Digital & AI Initiatives for Medical Affairs in Pharma.*

**Fan, Jiayi**, M.S., Computational Biology. Advisor: Wesley Tansey. **Thesis:** *ALARMIST: Assessment of Ligand and Receptor Motifs and Impacts in Spatial Transcriptomics.*

**Ferreira, Ana Catarina**, M.S., Healthcare Leadership. **Capstone Project:** *Stryker: Leveraging Technologies to Improve Orthopedic Products.*

**Fitzpatrick, Megan**, M.S., Healthcare Leadership. **Capstone Project:** *Medidata: Leveraging Technology and AI in Value Based Care and Clinical Trials.*

**Flisser, Eric Dan**, M.S., Healthcare Leadership. **Capstone Project:** *10X Beta Venture Studio: Market and Product Assessment for Women's Healthcare.*

**Fomin, Vladislav**, M.S., Clinical Epidemiology & Health Services Research. Advisors: Robert Brown and Russell Rosenblatt. **Thesis:** *Machine Perfusion and Living Donor Liver Transplantation in the United States: Complementary or Competing Strategies.*

**Gardziola, Paige**, M.S., Healthcare Leadership. **Capstone Project:** *Quest Diagnostics: Strategic Development to Respond to Value Based Kidney Care Market Needs.*

**Graham, William Colton**, M.S., Healthcare Leadership. **Capstone Project:** *Quest Diagnostics: Strategic Development to Respond to Value Based Kidney Care Market Needs.*

**Gregg, Alexander**, M.S., Clinical Epidemiology & Health Services Research. Advisors: Mario Gaudino and Sigrid Sandner. **Thesis:** *Contemporary Challenges in Open Thoracoabdominal Aortic Repair: An Analysis of Clinical Outcomes and Determinants of Risk.*

**Hatoum, Sana**, M.S., Clinical Epidemiology & Health Services Research. Advisors: Jennifer Mueller. **Thesis:** *Comprehensive Molecular Classification and Outcomes of Adjuvant Intravaginal Radiotherapy in Endometrial Carcinoma.*

**Haussner, Danielle Breanne**, M.S., Healthcare Leadership. **Capstone Project:** *Forge Health: Identifying Alternative Strategies and Models to Support Growth for Outpatient Behavioral Health Programs.*

# Masters of Science

May 14, 2026 (continued)

**Ireland, Helen Caroline**, M.S., Healthcare Leadership.

**Capstone Project:** 10X Beta Venture Studio: Market and Product Assessment for Women's Healthcare.

**Jain, Shreya**, M.S., Health Informatics. Advisor: Yifan Peng.

**Capstone Project:** Using Machine Learning Models to Improve Prediction of Fractures Among Older Patients.

**Jamorabo, Daniel**, M.S., Healthcare Leadership. **Capstone**

**Project:** Medidata: Leveraging Technology and AI in Value Based Care and Clinical Trials.

**Jobczynski, James Ryan**, M.S., Healthcare Leadership.

**Capstone Project:** IBM: Development and Growth of Home Healthcare Powered by AI.

**Jones, Daniel**, M.S., Clinical Epidemiology & Health Services

Research. Advisors: Nasser Altorki. **Thesis:** Challenging Convention in Thoracic Surgical Oncology: Emerging Perioperative Approaches to Lung and Thymic Malignancies.

**Kavuri, Samrat Sri Harsha**, M.S., Healthcare Leadership.

**Capstone Project:** DocGo: Scaling Primary Care Through Data-Driven Insights.

**Khanna, Nitin**, M.S., Healthcare Leadership. **Capstone**

**Project:** Medidata: Leveraging Technology and AI in Value Based Care and Clinical Trials.

**Kisova, Lucia**, M.S., Computational Biology. Advisor: Nicholas

Brady. **Thesis:** Epigenetic Regulation of Neuroendocrine Prostate Cancer Cell State by CHD7.

**Komsany, Alia**, M.S., Clinical Epidemiology & Health Services

Research. Advisors: Erica Phillips and Laura Pinheiro.

**Thesis:** From Invisibility to Inclusion: Multilevel Influences on Cancer Prevention and Health Communication Among Arab American and Arabic-Speaking Populations.

**Kumar, Rakhi**, M.S., Healthcare Leadership. **Capstone**

**Project:** Pfizer: Identifying High-Impact Digital & AI Initiatives for Medical Affairs in Pharma.

**Lee, Jenna**, M.S., Healthcare Leadership. **Capstone Project:**

DocGo: Scaling Primary Care Through Data-Driven Insights.

**Li, He**, M.S., Computational Biology. Advisor: James Marshel.

**Thesis:** Compensating Blindness with Model-Driven Brain Stimulation.

**Linares, Melissa**, M.S., Healthcare Leadership. **Capstone**

**Project:** IBM: Development and Growth of Home Healthcare Powered by AI.

**Loo, Kimberly**, M.S., Clinical & Translational Investigation.

Advisor: Taha Merghoub and Benjamin Greenbaum. **Thesis:** Elucidating Unique T Cell Phenotypes and Tumor Antigen Profiles Driving TIL Therapy Clinical Outcomes for Melanoma.

**Martin, D'Aundre Lloyd**, M.S., Healthcare Leadership.

**Capstone Project:** 10X Beta Venture Studio: Market and Product Assessment for Women's Healthcare.

**McLeod, Tasia**, M.S., Healthcare Leadership. **Capstone**

**Project:** 10X Beta Venture Studio: Market and Product Assessment for Women's Healthcare.

**Morrison, Danielle**, M.S., Clinical & Translational Investigation.

Advisor: Anais Rameau and Pegah Khosravi. **Thesis:** Generation of Synthetic Laryngeal Images Using Generative Adversarial Networks (GANs).

**Nambiar, Lakshmi**, M.S., Healthcare Leadership. **Capstone**

**Project:** Quest Diagnostics: Strategic Development to Respond to Value Based Kidney Care Market Needs.

**Nanchanatt, Alex**, M.S., Clinical & Translational Investigation.

Advisors: Megan Lim and Lisa Roth. **Thesis:** Prognostic Significance of Circulating Cytokines/Cytokine Receptors in Pediatric ALK+ Anaplastic Large Cell Lymphoma.

**Narahari, Pavan**, M.S., Computational Biology. Advisor: Iman

Hajirasouliha. **Thesis:** Generating Synthetic Human Blastocyst Images for In-Vitro Fertilization Blastocyst Grading.

**Obayemi, Adetokunbo**, M.S., Healthcare Leadership.

**Capstone Project:** Stryker: Leveraging Technologies to Improve Orthopedic Products.

**Pathak, Richa**, M.S., Healthcare Leadership. **Capstone**

**Project:** DocGo: Scaling Primary Care Through Data-Driven Insights.

**Perez, Joseph Joshua**, M.S., Healthcare Leadership.

**Capstone Project:** Pfizer: Identifying High-Impact Digital & AI Initiatives for Medical Affairs in Pharma.

**Piper, Scott**, M.S., Healthcare Leadership. **Capstone Project:**

Stryker: Leveraging Technologies to Improve Orthopedic Products.

**Plovnick, Robert Matthew**, M.S., Healthcare Leadership.

**Capstone Project:** DocGo: Scaling Primary Care Through Data-Driven Insights.

**Raghunathan, Vijay**, M.S., Healthcare Leadership. **Capstone**

**Project:** Forge Health: Identifying Alternative Strategies and Models to Support Growth for Outpatient Behavioral Health Programs.

**Raiffe, Michael Litterio Giuliano**, M.S., Healthcare

Leadership. **Capstone Project:** Forge Health: Identifying Alternative Strategies and Models to Support Growth for Outpatient Behavioral Health Programs.

**Ratnadurai-Giridharan, Shivakeshavan**, M.S., Clinical &

Translational Investigation. Advisor: Kathleen Friel and Amy Kuceyeski. **Thesis:** Measuring Multi-Joint Upper Limb Proprioceptive Position Sense in Children with Unilateral Spastic Cerebral Palsy Using Kinematic Data.

**Reddy, Abhijna**, M.S., Computational Biology. Advisor:

Adam Widman. **Thesis:** Evaluating Fragment End Motifs for Detection of Cancer Aneuploidy from Plasma Whole Genome Sequencing.

**Skokos, Dimitris**, M.S., Healthcare Leadership. **Capstone**

**Project:** Quest Diagnostics: Strategic Development to Respond to Value Based Kidney Care Market Needs.

**Skudin, Carly**, M.S., Healthcare Leadership. **Capstone**

**Project:** Pfizer: Identifying High-Impact Digital & AI Initiatives for Medical Affairs in Pharma.

**Smith, Peyton**, M.S., Computational Biology. Advisor:

Guinevere Lee. **Thesis:** Detection and Characterization of Viral-Human Chimeric mRNA Transcripts in Individuals Living with HIV-1.

# Masters of Science

May 14, 2026 (continued)

**Tailor, Maya**, M.S., Clinical & Translational Investigation. Advisor: Alexandra Sideris and Yuhua Bao. **Thesis:** *Total Hip Arthroplasty Patients Requiring Acute Pain Service Consultations: A Registry Study.*

**Thanki, Abhishek**, M.S., Biomedical Imaging. Advisor: Mert Sabuncu. **Thesis:** *Single-Subject Isotropic MRI Super-Resolution from Multi-View Acquisitions Using Implicit Neural Representations.*

**Thayer, Sarah Perry**, M.S., Healthcare Leadership. **Capstone Project:** *10X Beta Venture Studio: Market and Product Assessment for Women's Healthcare.*

**Thor, Pa**, M.S., Clinical & Translational Investigation. Advisor: Kethy Jules-Elysee and Yunyu Xiao. **Thesis:** *Patient-Reported Outcome Measures (PROMs): Bridging Clinical Insights through EHR Correlation of Health Conditions.*

**West, Abigail Catherine**, M.S., Healthcare Leadership. **Capstone Project:** *Pfizer: Identifying High-Impact Digital & AI Initiatives for Medical Affairs in Pharma.*

**Wu, Franklyn**, M.S., Computational Biology. Advisor: Harel Weinstein. **Thesis:** *TMEM6 Generic Numbering System Identifies Mechanistically Significant Regions Shared by OSCAA1.2 and nhTMEM16.*

**Wuni, George Yin-Nyeya**, M.S., Healthcare Leadership. **Capstone Project:** *Medidata: Leveraging Technology and AI in Value Based Care and Clinical Trials.*

**Zhu, Dian Yue Josef**, M.S., Computational Biology. Advisor: Ashley Laughney. **Thesis:** *Spatial Transcriptomic Analysis of Architectural Patterns in Muscle-Invasive Bladder Cancer.*

**Zhu, Minhong**, M.S., Computational Biology. Advisor: Christina Leslie. **Thesis:** *Metacell Gene Expression Prediction in Human CD4+ T Cells.*

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**August 31, 2026\*\***

**Akinlabi, Abiodun**, M.S., Health Informatics. Advisors: Weishen Pan and Fei Wang. **Capstone Project:** *Creating a Comprehensive and Standardized Prompt Framework Tailored for Psychiatry (Improving AI-Driven Decision Support in Mental Health Care).*

**Akudinobi, Ezinne Adamma**, M.S., Health Policy & Economics. Advisor: Marianne Sharko. **Capstone Project:** *Leveraging Public Health Data to Address a Population Health Challenge.*

**Barrios Castellanos, Carmen**, M.S., Health Informatics. Advisor: Yifan Peng. **Capstone Project:** *Mining the Gaps: NLP-Based Assessment of Neurological Examination Documentation.*

**Cai, Zixin**, M.S., Health Informatics. Advisors: Zilong Bai and Fei Wang. **Capstone Project:** *Use of NLP to optimize EDC system.*

**Buckholz, Adam**, M.S., Clinical & Translational Investigation. Advisor: Robert Brown and Edwin Kan. **Thesis:** *Predicting Hepatic Encephalopathy Outcomes Using Wearable Technology for Longitudinal Sleep and Activity Tracking in Cirrhosis after TIPS.*

**Chen, Yinghuan**, M.S., Health Informatics. Advisor: Chang Su. **Portfolio:** *Machine Learning-Based Early Prediction of Parkinson's Disease Prior to Clinical Diagnosis.*

**Chen, Yuyang**, M.S., Health Policy & Economics. Advisor: Pragya Kakani. **Capstone Project:** *Situation Analysis & Policy Brief: National Cancer Screening & Early Detection Policy (Breast, Colorectal, and Cervical Cancer).*

**Cheng, Runxian**, M.S., Health Policy & Economics. Advisors: Ali Jalali and Bjorn Redfors. **Capstone Project:** *Cost-benefit and HEOR Analysis of Traditional State-sponsored Newborn Screening vs. Emerging Whole Genome Screening as Novel Standard of Care Models in the US.*

**Cheng, Simai**, M.S., Health Informatics. Advisor: Marianne Sharko. **Capstone Project:** *Evaluating Adolescent-Specific Content on Hospital Websites Using Large Language Models.*

**Cheng, Youshi**, M.S., Health Policy & Economics. Advisor: Yunyu Xiao. **Capstone Project:** *Unveiling Invisible Hazards: Linking Environmental Pollution to Cancer and Mental Health for Health Equity.*

**Chien, Celine**, M.S., Health Informatics. Advisor: Marianne Sharko. **Capstone Project:** *Leveraging Public Health Data to Address a Population Health Challenge.*

**Coraci, Sophia**, M.S., Biomedical Imaging. Advisor: Joseph Osborne. **Thesis:** *A Radiology-Pathology Convergence Framework for Predictive Tumor Biology Modeling.*

**Davis, Caitlin Smith**, M.S., Health Informatics. Advisor: Nili Solomonov. **Portfolio:** *The Impact of Trauma History on Perinatal Mental Health Screening and Treatment Trajectories.*

**Deepak, Akash Ajay**, M.S., Health Informatics. Advisor: Chang Su. **Portfolio:** *Machine Learning-Based Early Prediction of Parkinson's Disease Prior to Clinical Diagnosis.*

**Diao, Zihan**, M.S., Health Informatics. Advisor: Yiye Zhang. **Capstone Project:** *Aging, Technology Attitudes, and Technology Proficiency: A Synthesis of CREATE and CREATE-Related Datasets.*

**Ding, Fuying**, M.S., Health Informatics. Advisors: Zuoyu Yan and Chang Su. **Capstone Project:** *Reinforcement Learning with Human Feedback for Classification.*

**DiTullio, David Joseph**, M.S., Health Informatics. Advisor: Chang Su. **Portfolio:** *Development and Validation of a Machine Learning Tool to Identify Patients at Risk of Non-Ventilator Associated Hospital Acquired Pneumonia in a Large Electronic Medical Record Dataset.*

**Dixit, Arun Pratham**, M.S., Health Policy & Economics. Advisor: Yuhua Bao. **Capstone Project:** *The Development and Validation of Consensus Around Existing Telehealth Frameworks.*

**Feng, Xuan Zhong**, M.S., Health Informatics. Advisors: Wei-Ting Wang and Chang Su. **Capstone Project:** *Patient-Centered AI Prototype for Rapid Guideline Drafting Using Minimally Important Differences.*

**Feng, Yurong**, M.S., Health Policy & Economics. Advisor: Pragya Kakani. **Capstone Project:** *Situation Analysis & Policy Brief: National Cancer Screening & Early Detection Policy (Breast, Colorectal, and Cervical Cancer).*

# Masters of Science

August 31, 2026\*\* (continued)

**Gao, Hexuan**, M.S., Health Informatics. Advisor: Chang Su. **Capstone Project:** LLM-Enhanced Biomedical Knowledge Graph Query.

**Ghalayini, Lyn**, M.S., Health Informatics. Advisors: Zuoyu Yan and Chang Su. **Capstone Project:** Reinforcement Learning with Human Feedback for Classification.

**Gong, Mengwen**, M.S., Health Policy & Economics. Advisor: Beth McGinty. **Capstone Project:** Evaluating the Cost of Doing Business for Outpatient Private Practice Behavioral Health.

**Gu, Chaoran**, M.S., Health Policy & Economics. Advisor: Yongkang Zhang. **Capstone Project:** Patient Journey Mapping and Business Launch Strategy for VAST Health's Dysphagia Telehealth Platform.

**Gu, Xiaoyang**, M.S., Health Policy & Economics. Advisor: Ali Jalali. **Capstone Project:** Cost-Benefit of Remote Microsampling (Traditional Venipuncture vs Timepointdx Upper-Arm Blood Collections).

**Gu, Zhimai**, M.S., Health Policy & Economics. Advisor: Will Schpero. **Capstone Project:** Making Shelter Contracts Whole: A Market Analysis of NYC DHS-contracted shelter budgets compared to the cost of services and its implications.

**Guo, Qingyang**, M.S., Health Policy & Economics. Advisor: Yongkang Zhang. **Capstone Project:** Patient Journey Mapping and Business Launch Strategy for VAST Health's Dysphagia Telehealth Platform.

**Harrington, Matthew Daniel**, M.S., Health Policy & Economics. Advisor: Yiwey Shieh. **Capstone Project:** Evaluating the Cost-Effectiveness and Policy Impact of AI-Based Breast Cancer Risk Models in U.S. Screening Programs.

**Hayatt, Omar**, M.S., Clinical & Translational Investigation. Advisors: Camilia Martin and Elizabeth Johnson. **Thesis:** Impact of Enteral DHA and ARA Supplementation on Postnatal Gut Health in the Preterm Infant.

**Hou, Yuja**, M.S., Health Informatics. Advisor: Yiwey Shieh. **Capstone Project:** Evaluating the Cost-Effectiveness and Policy Impact of AI-Based Breast Cancer Risk Models in U.S. Screening Programs.

**Hsu, Ruo Wei**, M.S., Health Informatics. Advisors: Yasin Civelek and Mark Unruh. **Capstone Project:** Business Development & Adoption Strategy for Enterprise Healthcare AI.

**Hu, Menghan**, M.S., Health Informatics. Advisor: Chengxi Zang. **Capstone Project:** AI Agent for Computation Phenotyping Based on EHRs.

**Huang, Weixuan**, M.S., Health Policy & Economics. Advisor: Beth McGinty. **Capstone Project:** Evaluating the Cost of Doing Business for Outpatient Private Practice Behavioral Health.

**Jang, Seyoung**, M.S., Health Policy & Economics. Advisor: Marianne Sharko. **Capstone Project:** Leveraging Public Health Data to Address a Population Health Challenge.

**Jiang, Guanxiang**, M.S., Health Informatics. Advisor: Marianne Sharko. **Capstone Project:** Leveraging Public Health Data to Address a Population Health Challenge.

**Jiang, Hengyi**, M.S., Health Informatics. Advisor: Rulla Tamimi. **Capstone Project:** Matchmaking Program to Identify Interdisciplinary Collaborators Across the Meyer Cancer Center: Part II.

**Keyes, Briana**, M.S., Health Informatics. Advisor: Yunyu Xiao. **Portfolio:** Culturally Grounded Design for Digital Mental Health Interfaces.

**Lee, Seohae**, M.S., Health Informatics. Advisor: Yifan Peng. **Capstone Project:** Mining the Gaps: NLP-Based Assessment of Neurological Examination Documentation.

**Lee, Wei-Ting**, M.S., Health Policy & Economics. Advisor: Dhruv Khullar. **Capstone Project:** Examining Stakeholder Perspectives and COVID-19 Vaccination policies Pertaining to the "Boost Your Health Study".

**Li, Yiming**, M.S., Health Policy & Economics. Advisor: Pragya Kakani. **Capstone Project:** Situation Analysis & Policy Brief: National Cancer Screening & Early Detection Policy (Breast, Colorectal, and Cervical Cancer).

**Li, Yiran**, M.S., Health Informatics. Advisors: Qiannan Zhang and Chang Su. **Capstone Project:** Enhancing a Custom LLM Model for Medical Q&A and COT Based Reasoning Module That May Be Used in CME/In-House Physician Training and Can Be Integrated to Web/XR Based Applications as an Assistive Tool.

**Li, Yixuan**, M.S., Health Policy & Economics. Advisor: Elisabeth Brodbeck. **Capstone Project:** A Streamlined Tool for Evaluating Program Learning Objectives and Satisfaction.

**Li, Yutong**, M.S., Health Policy & Economics. Advisor: Beth McGinty. **Capstone Project:** Evaluating the Cost of Doing Business for Outpatient Private Practice Behavioral Health.

**Li, Zhenhong**, M.S., Health Policy & Economics. Advisor: Yuhua Bao. **Capstone Project:** The Development and Validation of Consensus Around Existing Telehealth Frameworks.

**Li, Zhiyao**, M.S., Health Policy & Economics. Advisor: Yuhua Bao. **Capstone Project:** The Development and Validation of Consensus Around Existing Telehealth Frameworks.

**Li, Zhuofan**, M.S., Health Informatics. Advisor: Marianne Sharko. **Capstone Project:** Evaluating Adolescent-Specific Content on Hospital Websites Using Large Language Models.

**Liao, Qianyi**, M.S., Health Policy & Economics. Advisor: Pragya Kakani. **Capstone Project:** Situation Analysis & Policy Brief: National Cancer Screening & Early Detection Policy (Breast, Colorectal, and Cervical Cancer).

**Lin, Yiyi**, M.S., Health Policy & Economics. Advisor: Pragya Kakani. **Capstone Project:** Policy Brief & Situation Analysis: Directed Advertising to Children on Healthy Foods.

**Liu, Jiawei**, M.S., Health Informatics. Advisor: Chang Su. **Capstone Project:** A Biomedical Knowledge Graph-Centric Platform Connecting Cross-Domain Health Data Observations for Biomedical Knowledge Discovery.

**Liu, Jinqi**, M.S., Health Informatics. Advisor: Marianne Sharko. **Capstone Project:** Cybersecurity Accessibility for Blind and Low Vision Users: Analysis of Top Healthcare Websites.

# Masters of Science

August 31, 2026\*\* (continued)

**Liu, Shiji**, M.S., Health Informatics. Advisor: Wodan Ling. **Capstone Project:** *Mapping Spatial Niches and Metabolic Signatures in Tissue Data.*

**Liu, Zixin**, M.S., Health Policy & Economics. Advisor: Yongkang Zhang. **Capstone Project:** *Patient Journey Mapping and Business Launch Strategy for VAST Health's Dysphagia Telehealth Platform.*

**Lu, Jueyi**, M.S., Health Policy & Economics. Advisor: Evan Sholle. **Capstone Project:** *Examining Contributing Factors in Health Information Data Breaches through the Design and Implementation of a Novel Health and Human Services (HHS) Office for Civil Rights (OCR)-Centric Database Architecture with Structured Query Execution for Targeted Data Retrieval and Analysis.*

**Lu, Kexin**, M.S., Health Informatics. Advisor: Yiye Zhang. **Capstone Project:** *Aging, Technology Attitudes, and Technology Proficiency: A Synthesis of CREATE and CREATE-Related Datasets.*

**Luan, Naiqian**, M.S., Biomedical Imaging. Advisor: Andrew Schweitzer. **Thesis:** *Brain Iron in Genetic Generalized Epilepsy (GGE).*

**Lyu, Keying**, M.S., Health Informatics. Advisors: Wei-Ting Wang and Chang Su. **Capstone Project:** *Patient-Centered AI Prototype for Rapid Guideline Drafting Using Minimally Important Differences.*

**Ma, Wenjia**, M.S., Health Informatics. Advisor: Rulla Tamimi. **Capstone Project:** *Natural Language Processing for Breast Cancer Clinical Characterization.*

**Manis, Meghana**, M.S., Health Informatics. Advisors: Yasin Civelek and Mark Unruh. **Capstone Project:** *Business Development & Adoption Strategy for Enterprise Healthcare AI.*

**Mao, Anjian**, M.S., Health Policy & Economics. Advisor: Yiye Zhang. **Capstone Project:** *AI Deployment in Healthcare: An Integrative Analysis.*

**Mao, Jiaqi**, M.S., Health Informatics. Advisor: Chang Su. **Capstone Project:** *A Biomedical Knowledge Graph-Centric Platform Connecting Cross-Domain Health Data Observations for Biomedical Knowledge Discovery.*

**Marian, Darius**, M.S., Health Informatics. Advisor: Amy Bond. **Capstone Project:** *Analysis of Communications About Infectious Diseases in Legacy Media in the Early Months of the COVID-19 Pandemic.*

**Meng, Yibo**, M.S., Health Informatics. Advisor: Chengxi Zang. **Capstone Project:** *AI Agent for Computation Phenotyping Based on EHRs.*

**O'Rourke, Jonathan**, M.S., Health Informatics. Advisor: Yiwey Shieh. **Capstone Project:** *Evaluating the Cost-Effectiveness and Policy Impact of AI-Based Breast Cancer Risk Models in U.S. Screening Programs.*

**Oh, Seo Jin**, M.S., Health Informatics. Advisor: Chang Su. **Capstone Project:** *LLM-Enhanced Biomedical Knowledge Graph Query.*

**Olagoke, Habib**, M.S., Health Informatics. Advisor: Yunyu Xiao. **Capstone Project:** *Unveiling Invisible Hazards: Linking Environmental Pollution to Cancer and Mental Health for Health Equity.*

**Pan, Yan**, M.S., Health Policy & Economics. Advisor: Bruce Schackman. **Capstone Project:** *Policy Brief & Situation Analysis: Saudi National Policy on E-Cigarettes & Vaping Control.*

**Pan, Yujun**, M.S., Health Policy & Economics. Advisor: Tyler Braun. **Capstone Project:** *Evaluating and Creating a Write-up/Presentation of a Current or Proposed RTW Investments Strategic Initiative using Internal Tools and Databases that Inform Investment and Operational Decisions.*

**Paul, Krittika**, M.S., Health Policy & Economics. Advisors: Jiani Yu and Hye-Young Jung. **Capstone Project:** *Navigating Post-COVID Long-Term Care: Nursing Home Transitions and Medicaid Policy.*

**Rahimbutt, Noshien**, M.S., Health Informatics. Advisors: Weishen Pan and Fei Wang. **Capstone Project:** *Creating a Comprehensive and Standardized Prompt Framework Tailored for Psychiatry (Improving AI-Driven Decision Support in Mental Health Care).*

**Rajagopalan, Sandhya**, M.S., Health Policy & Economics. Advisor: Yiwey Shieh. **Capstone Project:** *Evaluating the Cost-Effectiveness and Policy Impact of AI-Based Breast Cancer Risk Models in U.S. Screening Programs.*

**Rashkover, Anna Elaina**, M.S., Health Policy & Economics. Advisors: Jiani Yu and Hye-Young Jung. **Capstone Project:** *Navigating Post-COVID Long-Term Care: Nursing Home Transitions and Medicaid Policy.*

**Reejhsinghani, Layla**, M.S., Biomedical Imaging. Advisor: Edward Fung. **Thesis:** *Modeling Preclinical Dose Extrapolation in Radiopharmaceutical Therapy.*

**Ren, Shiyi**, M.S., Health Policy & Economics. Advisor: Yiye Zhang. **Capstone Project:** *Aging, Technology Attitudes, and Technology Proficiency: A Synthesis of CREATE and CREATE-Related Datasets.*

**Shen, Jiaqi**, M.S., Health Policy & Economics. Advisor: Marianne Sharko. **Capstone Project:** *Cybersecurity Accessibility for Blind and Low Vision Users: Analysis of Top Healthcare Websites.*

**Shen, Yinuo**, M.S., Health Informatics. Advisor: Rulla Tamimi. **Capstone Project:** *Natural Language Processing for Breast Cancer Clinical Characterization.*

**Sridhar, Sadhana**, M.S., Health Policy & Economics. Advisor: Mark Unruh. **Portfolio:** *The Impact of Private Equity Ownership of US Cardiology Practices on Utilization, Quality and Costs: A Systematic Review.*

**Su, Yongkang**, M.S., Health Policy & Economics. Advisor: Yiye Zhang. **Capstone Project:** *AI Deployment in Healthcare: An Integrative Analysis.*

**Sun, Jiayi**, M.S., Health Informatics. Advisors: Zilong Bai and Fei Wang. **Capstone Project:** *Use of NLP to optimize EDC system.*

# Masters of Science

August 31, 2026\*\* (continued)

**Tan, Yaowen**, M.S., Health Informatics. Advisor: Rulla Tamimi. **Capstone Project:** *Natural Language Processing for Breast Cancer Clinical Characterization.*

**Tang, Yiran**, M.S., Health Policy & Economics. Advisor: Bruce Schackman. **Capstone Project:** *Policy Brief & Situation Analysis: Saudi National Policy on E-Cigarettes & Vaping Control.*

**Thompson, Kendall**, M.S., Health Policy & Economics. Advisor: Tyler Braun. **Capstone Project:** *Evaluating and Creating a Write-up/Presentation of a Current or Proposed RTW Investments Strategic Initiative using Internal Tools and Databases that Inform Investment and Operational Decisions.*

**Wang, Fuyuan**, M.S., Health Policy & Economics. Advisor: Beth McGinty. **Capstone Project:** *Evaluating the Cost of Doing Business for Outpatient Private Practice Behavioral Health.*

**Wang, Jincong**, M.S., Health Policy & Economics. Advisor: Yongkang Zhang. **Capstone Project:** *Patient Journey Mapping and Business Launch Strategy for VAST Health's Dysphagia Telehealth Platform.*

**Wang, Jingqi**, M.S., Health Policy & Economics. Advisors: Jiani Yu and Hye-Young Jung. **Capstone Project:** *Navigating Post-COVID Long-Term Care: Nursing Home Transitions and Medicaid Policy.*

**Wang, Kangyu**, M.S., Health Policy & Economics. Advisor: Chang Su. **Capstone Project:** *LLM-Enhanced Biomedical Knowledge Graph Query.*

**Wang, Shuyue**, M.S., Health Policy & Economics. Advisor: Will Schpero. **Capstone Project:** *Making Shelter Contracts Whole: A Market Analysis of NYC DHS-contracted shelter budgets compared to the cost of services and its implications.*

**Wang, Yaoqi**, M.S., Health Policy & Economics. Advisors: Jiani Yu and Hye-Young Jung. **Capstone Project:** *Navigating Post-COVID Long-Term Care: Nursing Home Transitions and Medicaid Policy.*

**Wang, Yichun**, M.S., Health Policy & Economics. Advisor: Elisabeth Brodbeck. **Capstone Project:** *A Streamlined Tool for Evaluating Program Learning Objectives and Satisfaction.*

**Wang, Yu**, M.S., Health Policy & Economics. Advisor: Amy Bond. **Capstone Project:** *Analysis of Communications About Infectious Diseases in Legacy Media in the Early Months of the COVID-19 Pandemic.*

**Wei, Bohan**, M.S., Health Policy & Economics. Advisors: Ali Jalali and Bjorn Redfors. **Capstone Project:** *Cost-benefit and HEOR Analysis of Traditional State-sponsored Newborn Screening vs. Emerging Whole Genome Screening as Novel Standard of Care Models in the US.*

**Weng, Wenyi**, M.S., Health Policy & Economics. Advisor: Yongkang Zhang. **Capstone Project:** *Patient Journey Mapping and Business Launch Strategy for VAST Health's Dysphagia Telehealth Platform.*

**Wu, Yingtao**, M.S., Health Policy & Economics. Advisor: Dhruv Khullar. **Capstone Project:** *Examining Stakeholder Perspectives and COVID-19 Vaccination policies Pertaining to the "Boost Your Health Study".*

**Xiang, Yilin**, M.S., Health Policy & Economics. Advisor: Marianne Sharko. **Capstone Project:** *Cybersecurity Accessibility for Blind and Low Vision Users: Analysis of Top Healthcare Websites.*

**Xie, Ziyi**, M.S., Health Policy & Economics. Advisor: Ali Jalali. **Capstone Project:** *Cost-Benefit of Remote Microsampling (Traditional Venipuncture vs Timepointdx Upper-Arm Blood Collections).*

**Xing, Jing**, M.S., Health Policy & Economics. Advisor: Pragya Kakani. **Capstone Project:** *Policy Brief & Situation Analysis: Directed Advertising to Children on Healthy Foods.*

**Xu, Danlei**, M.S., Health Informatics. Advisor: Chang Su. **Portfolio:** *Machine Learning-Based Early Prediction of Parkinson's Disease Prior to Clinical Diagnosis.*

**Xu, Han**, M.S., Health Policy & Economics. Advisor: Yiye Zhang. **Capstone Project:** *AI Deployment in Healthcare: An Integrative Analysis.*

**Xu, Ke**, M.S., Health Policy & Economics. Advisor: Rulla Tamimi. **Capstone Project:** *Matchmaking Program to Identify Interdisciplinary Collaborators Across the Meyer Cancer Center: Part II.*

**Yan, Xu**, M.S., Health Informatics. Advisor: Yige Zhang. **Capstone Project:** *AI Deployment in Healthcare: An Integrative Analysis.*

**Yan, Zhe**, M.S., Health Informatics. Advisor: Yifan Peng. **Capstone Project:** *Mining the Gaps: NLP-Based Assessment of Neurological Examination Documentation.*

**Yang, Fubing**, M.S., Health Informatics. Advisors: Qiannan Zhang and Chang Su. **Capstone Project:** *Enhancing a Custom LLM Model for Medical Q&A and COT Based Reasoning Module That May Be Used in CME/In-House Physician Training and Can Be Integrated to Web/XR Based Applications as an Assistive Tool.*

**Yang, Ruhongruo**, M.S., Health Policy & Economics. Advisor: Bruce Schackman. **Capstone Project:** *Policy Brief & Situation Analysis: Saudi National Policy on E-Cigarettes & Vaping Control.*

**Yang, Shuo**, M.S., Health Policy & Economics. Advisor: Will Schpero. **Capstone Project:** *Making Shelter Contracts Whole: A Market Analysis of NYC DHS-contracted shelter budgets compared to the cost of services and its implications.*

**Yang, Ya-Wen**, M.S., Health Informatics. Advisor: Evan Sholle. **Capstone Project:** *Examining Contributing Factors in Health Information Data Breaches through the Design and Implementation of a Novel Health and Human Services (HHS) Office for Civil Rights (OCR)-Centric Database Architecture with Structured Query Execution for Targeted Data Retrieval and Analysis.*

**Yang, Ying**, M.S., Health Policy & Economics. Advisor: Ali Jalali. **Capstone Project:** *Cost-Benefit of Remote Microsampling (Traditional Venipuncture vs Timepointdx Upper-Arm Blood Collections).*

**Yao, Yao**, M.S., Health Policy & Economics. Advisor: Yiwey Shieh. **Capstone Project:** *Evaluating the Cost-Effectiveness and Policy Impact of AI-Based Breast Cancer Risk Models in U.S. Screening Programs.*

# Masters of Science

August 31, 2026\*\* (continued)

**Yin, Susan**, M.S., Health Informatics. Advisor: Marianne Sharko. **Capstone Project:** *Evaluating Adolescent-Specific Content on Hospital Websites Using Large Language Models.*

**Zha, Jingxin**, M.S., Health Informatics. Advisors: Zilong Bai and Fei Wang. **Capstone Project:** *Use of NLP to optimize EDC system.*

**Zhang, Huazhi**, M.S., Health Policy & Economics. Advisor: Bruce Schackman. **Capstone Project:** *Policy Brief & Situation Analysis: Saudi National Policy on E-Cigarettes & Vaping Control.*

**Zhang, Kaichen**, M.S., Health Informatics. Advisor: Yiye Zhang. **Capstone Project:** *AI Deployment in Healthcare: An Integrative Analysis.*

**Zhao, Tianyi**, M.S., Health Informatics. Advisors: Zuoyu Yan and Chang Su. **Capstone Project:** *Reinforcement Learning with Human Feedback for Classification.*

**Zhao, Zihan**, M.S., Health Policy & Economics. Advisor: Yuhua Bao. **Capstone Project:** *The Development and Validation of Consensus Around Existing Telehealth Frameworks.*

**Zhen, Hongyu**, M.S., Health Informatics. Advisors: Weishen Pan and Fei Wang. **Capstone Project:** *Creating a Comprehensive and Standardized Prompt Framework Tailored for Psychiatry (Improving AI-Driven Decision Support in Mental Health Care).*

**Zheng, Wenhan**, M.S., Health Informatics. Advisor: Chengxi Zang. **Capstone Project:** *AI Agent for Computation Phenotyping Based on EHRs.*

**Zhong, Duo**, M.S., Health Policy & Economics. Advisors: Jiani Yu and Hye-Young Jung. **Capstone Project:** *Navigating Post-COVID Long-Term Care: Nursing Home Transitions and Medicaid Policy.*

# Doctors of Philosophy

August 31, 2025

**Ahimovic, Dughan James**, Ph.D., Immunology & Microbial Pathogenesis. Advisor: Steven Josefowicz. **Thesis:** *Deciphering the Histone Code for Immune Cell Development and Stimulation.*

**Allwein, Benjamin T.**, Ph.D., Biochemistry & Structural Biology. Advisor: Richard Hite. **Thesis:** *Structural Basis of Eukaryotic Replisome Stalling and Translocation.*

**Barin, Ersilia**, Ph.D., Pharmacology. Advisor: Heeseon An. **Thesis:** *Rapid Degradation of Ribosomal Proteins Determines the Role of R-proteins After Ribosome Biogenesis.*

**Berger, Henri**, Ph.D., Biochemistry & Structural Biology. Advisor: Mary Teruel. **Thesis:** *YAP/TAZ-Regulated ERK Fluctuations Drive Early Cell Divisions During Adipogenesis.*

**Chen, Wanyi**, Ph.D., Physiology, Biophysics & Systems Biology. Advisor: Sarat Chandarlapaty. **Thesis:** *Trastuzumab Deruxtecan (T-DXd) Resistance via Decrease of HER2 Expression and Binding.*

**Chun, Chan Woo**, Ph.D., Tri-I Program in Computational Biology & Medicine. Advisor: Jonathan Victor. **Thesis:** *Statistical Analysis of Large-Scale Neural Representations.*

**Dacic, Marija**, Ph.D., Physiology, Biophysics & Systems Biology. Advisor: Inez Rogatsky. **Thesis:** *Role of GRIP1 in Homeostatic Macrophage Polarization.*

**Fernandez, Keith Conrad**, Ph.D., Immunology & Microbial Pathogenesis. Advisor: Jayanta Chaudhuri. **Thesis:** *Exploring the Cellular and Molecular Impacts of Genomic Instability in B Lymphocytes.*

**Gargiulo, Domenic Vincent**, Ph.D., Pharmacology. Advisor: Dawid Nowak. **Thesis:** *Metabolic Adaptations in the Progression of Prostate Cancer to Metastasis.*

**Hachey, Justin Samuel**, Ph.D., Pharmacology. Advisor: Jason Lewis. **Thesis:** *A Theranostic Approach Against Triple Negative Breast Cancer: Targeting the Extracellular Matrix for ImmunoPET and Radioimmunotherapy.*

**Hinzen, Jasmine Shahanoor**, Ph.D., Neuroscience. Advisor: Jeremy Dittman. **Thesis:** *Connecting Structure and Function of Munc13.*

**Howlader, Mir Zainab**, Ph.D., Molecular Biology. Advisor: Theresa Lu. **Thesis:** *Lymphatic Dysfunction in Lupus Contributes to Cutaneous Photosensitivity and Lymph Node B cell Responses.*

**Hsu, Joy**, Ph.D., Immunology & Microbial Pathogenesis. Advisor: Niroshana Anandasabapathy. **Thesis:** *Interrogating DC-dependent Mechanisms Supporting Immunity by Vaccinia Skin Scarification.*

**Huang, Hsin-Che**, Ph.D., Tri-I Program in Chemical Biology. Advisor: Daniel Bachovchin. **Thesis:** *Protein Folding Governs CARD8 and NLRP1 Inflammasome Activation.*

**Lyudovyk, Olga**, Ph.D., Tri-I Program in Computational Biology & Medicine. Advisors: Benjamin Greenbaum and Quaid Morris. **Thesis:** *A Structure Is Worth a Thousand Sequences: Predicting T Cell Specificity from Sequence and Structure.*

**Mahmoud, Ahmed**, Ph.D., Pharmacology. Advisor: Karuna Ganesh. **Thesis:** *Patient-Derived Models Identify Mechanisms and Druggable Vulnerabilities of Peritoneal Carcinomatosis.*

**Marks, Frances**, Ph.D., Molecular Biology. Advisor: Sabine Ehrhart. **Thesis:** *Defining the Transcriptional Regulatory Networks of WhiA and WhiB2 in Mycobacterium tuberculosis.*

**Menocal, Laura**, Ph.D., Immunology & Microbial Pathogenesis. Advisor: Andrea Schietinger. **Thesis:** *Differentiation State Dynamics of Memory CD8 T cells in Tumors.*

**Michaels, Anthony James**, Ph.D., Immunology & Microbial Pathogenesis. Advisor: Alexander Rudensky. **Thesis:** *Molecular Determinants of Regulatory T cell Function.*

**Mills, Kathleen Annice McElveen**, Ph.D., Immunology & Microbial Pathogenesis. Advisor: Tobias Hohl. **Thesis:** *Epithelial-Immune Cell Crosstalk Orchestrates Pulmonary Immunity to Aspergillus fumigatus.*

**Minotti, Andrew Paul**, Ph.D., Cell & Developmental Biology. Advisor: Lorenz Studer. **Thesis:** *High Throughput Approaches to Advance Human Pluripotent Stem Cell Models of Neurodegeneration.*

**O'Kinneide, Emma**, Ph.D., Neuroscience. Advisor: Josef Anrather. **Thesis:** *Distinct Roles of Early-Life and Adult Microbiota in Modulating Intestinal Immunity and Neuroinflammation.*

**Rosenthal, David Leon\***, Ph.D., Biochemistry & Structural Biology. Advisor: Tobias Meyer. **Thesis:** *The E2F-To-FOXM1 Relay: Two Waves of Transcription Control Cell-Cycle Exit.*

**Roskes, Marjorie Liebling**, Ph.D., Tri-I Program in Computational Biology & Medicine. Advisor: Ekta Khurana. **Thesis:** *Characterization of Castration-Resistant Prostate Cancer Subtypes Through Their Genome and Epigenomes.*

**Ruan, Thomas Lipa**, Ph.D., Physiology, Biophysics & Systems Biology. Advisor: Kayvan Keshari. **Thesis:** *Quantifying Metabolic Efficiency in Tumors with Hyperpolarized Pyruvate.*

**Rub, Jonathan**, Ph.D., Tri-I Program in Computational Biology & Medicine. Advisor: Doron Betel. **Thesis:** *Uncovering Species-Agnostic, Defining Cell States of Solid Tumors.*

**Ruiz, Stephen Eduard Borja**, Ph.D., Biochemistry & Structural Biology. Advisor: Daniel Heller. **Thesis:** *Leveraging Lipid Metabolism to Iron Out Mechanisms in Ferroptosis Resistant Cancers.*

**Son, Yeeun**, Ph.D., Biochemistry & Structural Biology. Advisor: Richard Hite. **Thesis:** *The Mechanism of Choline and Ethanolamine Transport by FLVCR1.*

**Stankovic, Isidora**, Ph.D., Molecular Biology. Advisor: Dilek Colak. **Thesis:** *Advancing the Understanding of Neurodevelopmental Disorders Through Human Brain Organoid Models.*

# Doctors of Philosophy

## August 31, 2025 (continued)

**Tam, Long Yat**, Ph.D., Tri-I Program in Computational Biology & Medicine. Advisor: Quaid Morris. **Thesis:** *Language Modeling of Protein-RNA Interactions and RNA Structures.*

**Tran, Diana**, Ph.D., Immunology & Microbial Pathogenesis. Advisor: Morgan Huse. **Thesis:** *The Tumor Microenvironment in Early Melanoma: Insights into the Protective Role of Regulatory T Cells.*

**Visone, Joseph Edward**, Ph.D., Molecular Biology. Advisor: Kirk Deitsch. **Thesis:** *The Molecular Basis of Antigenic Variation and Chronic Asymptomatic Infections by the Malaria Parasite Plasmodium falciparum.*

**Wang, Zhaquan**, Ph.D., Immunology & Microbial Pathogenesis. Advisor: Justin Perry. **Thesis:** *Early Life High Fructose Exposure Disrupts Microglia Phagocytosis and Impedes Neurodevelopment.*

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## December 31, 2025

**Abou-Ghali, Naira Essam**, Ph.D., Pharmacology. Advisor: Paraskevi Giannakakou. **Thesis:** *AR-V7 Utilizes a Noncanonical Nuclear Localization Sequence to Maintain Androgen Independent Nuclear Import.*

**Aretz, Zita Edith Hedwig**, Ph.D., Physiology, Biophysics & Systems Biology. Advisor: David A. Scheinberg. **Thesis:** *Improving the T Cell Receptor Without Changing the T Cell Receptor.*

**Baik, Ron Seung Hyun**, Ph.D., Molecular Biology. Advisor: Agnel Sfeir. **Thesis:** *Development and Application of a Random Mutagenesis System to Map the Functional Landscape of Mitochondrial DNA Mutations.*

**Birmingham, Kaylah Rae**, Ph.D., Pharmacology. Advisor: Jessica Tyler. **Thesis:** *Methionine Restriction Extends Budding Yeast Lifespan Through Activating NNS Autophagy.*

**Bukhari, Syed Hussain Ul Fareed**, Ph.D., Neuroscience. Advisors: Conor Liston and Amy Kuceyeski. **Thesis:** *Understanding the Brain Mechanisms of Cocaine Use Disorder Using Functional MRI and Network Control Theory.*

**Das, Lala Tanmoy\***, Ph.D., Neuroscience. Advisor: Geoffrey Pitt. **Thesis:** *Sodium Channel Binding-Independent Roles of FGF13 in the Heart.*

**D'Avino, Andrew Raphael\***, Ph.D., Physiology, Biophysics & System Biology. Advisor: Dan Landau. **Thesis:** *Genotype to Phenotype Relationships in Clonal Evolution From Single Cells to Large Cohorts.*

**Diaz, Bianca Jay**, Ph.D., Cell & Developmental Biology. Advisor: Lukas Dow. **Thesis:** *Defining the Role of Single Nucleotide Variants in Resistance to Targeted KRAS Inhibition.*

**Endress, Jennifer Elizabeth**, Ph.D., Biochemistry & Structural Biology. Advisor: John Blenis. **Thesis:** *Nuclear GSK3 Promotes Cell Survival Under Nutrient Deprivation Through Transcriptional Upregulation of Autophagy Initiation Genes.*

**Foord, Careen**, Ph.D., Neuroscience. Advisor: Hagen Tilgner. **Thesis:** *A Multimodal Profiling of Cell-Type Specific Alternative Splicing in the Mammalian Brain.*

**Hoang, Tran Tu**, Ph.D., Pharmacology. Advisor: Jason Lewis. **Thesis:** *Development of Antibody-Based Theranostic Agents for Delta-Like Ligand 3-Expressing Neuroendocrine Neoplasms.*

**Hsu, Ting-Wei**, Ph.D., Cell & Developmental Biology. Advisor: Ming Li. **Thesis:** *Regulation of Tumor Progression through Spatial Programs of Extracellular DNA Clearance and TLR9-Mediated Cancer Cell Senescence.*

**Hughes, Riley O'Hara**, Ph.D., Pharmacology. Advisor: Elena Piskounova. **Thesis:** *Mechanism and Function of tRNA Wobble Uridine Modifications and Related Systems in Melanoma Metastasis.*

**Isakov, Danielle Rachel\***, Ph.D., Cell & Developmental Biology. Advisor: Seung Ha Nam. **Thesis:** *Investigating the Effect of Interferon-Alpha on Hematopoiesis in Myeloproliferative Neoplasms.*

**Klevorn, Thais**, Ph.D., Immunology & Microbial Pathogenesis. Advisor: Sabine Ehrh. **Thesis:** *A Periplasmic Protein Complex Mediates Cell Envelope Integrity and Intrinsic Multidrug Resistance in Mycobacterium tuberculosis.*

**Kuo, Hui-Hsuan**, Ph.D., Pharmacology. Advisor: Olivier Elemento. **Thesis:** *Patient-derived Organoids as Translational Models for Precision Oncology and Tumor Microenvironment Research.*

**Nazia, Sakila Zaman\***, Ph.D., Immunology & Microbial Pathogenesis. Advisor: Kyu Rhee. **Thesis:** *Arginine Biosynthesis Serves as a Carbamoyl Phosphate Salvage Pathway for Mycobacterium tuberculosis.*

**Patel, Payal**, Ph.D., Pharmacology. Advisor: Sarat Chandralapaty. **Thesis:** *Characterizing the Role of MAPK Pathway Alterations in ER+ Breast Cancer.*

**Payne, Alexander Matthew**, Ph.D., Tri-I Program in Chemical Biology. Advisor: John Chodera. **Thesis:** *Maximizing Structural Insights with Minimal Data: Lessons from Computer-Aided Drug Design and Membrane Protein Activation.*

**Repeta, Lucas Daniel**, Ph.D., Tri-I Program in Chemical Biology. Advisor: Christopher Lima. **Thesis:** *Activities and Architectures of the RNA Exosome-Associated Helicase Complex MTREC.*

**Romano, Giovanna Rosalia**, Ph.D., Physiology, Biophysics & Systems Biology. Advisor: Joshua Levitz. **Thesis:** *Engineering of Photoswitchable Ligands for Serotonin and Opioid G Protein-Coupled Receptors.*

**Tang, Xinran**, Ph.D., Cell & Developmental Biology. Advisor: David Solit. **Thesis:** *Modeling Sensitivity to Antibody Drug Conjugates in Urothelial Cancer Using Patient-Derived Models.*

**Vandana, J. Jeya**, Ph.D., Tri-I Program in Chemical Biology. Advisor: Shuibing Chen. **Thesis:** *Small Molecules, Big Impact: Enhancing Intestinal Organoid, Islet Function and Survival Through Systems-Level Discovery.*

# Doctors of Philosophy

May 14, 2026

**Baako, Ann Kabuki**, Ph.D., Neuroscience. Advisors: Thomas Vierbuchen and Justin Perry. **Thesis:** *Modeling Tissue-Resident Macrophage Development From Mouse Pluripotent Stem Cells.*

**Barnett, Daniel Martin**, Ph.D., Neuroscience. Advisors: Anna Orr and Adam Orr. **Thesis:** *Site-Specific Mitochondrial ROS in Astrocytic Signaling and Dementia-Linked Pathology.*

**Bednor, Lauren**, Ph.D., Molecular Biology. Advisors: Beate Schwer and Stewart Shuman. **Thesis:** *Identification and Genetic Characterization of Mediators of Inositol Pyrophosphate Toxicosis in Fission Yeast.*

**Belcheva, Kalina Todorova**, Ph.D., Molecular Biology. Advisor: Jayanta Chaudhuri. **Thesis:** *A PAX5-Anchored Transcription Factor Network Coordinates BCL11A and Foxo1 to Maintain B-Cell Identity.*

**Belchikov, Natan**, Ph.D., Physiology, Biophysics & Systems Biology. Advisor: Hagen Tilgner. **Thesis:** *Understanding RNA Isoform Complexity via Single-Cell Long-Read Sequencing: Methods Development and Applications to Neurological Disease.*

**Castagnola, Caitlin Marie**, Ph.D., Neuroscience. Advisor: Li Gan. **Thesis:** *Microglia-Associated Alterations to Neuronal Network Activity.*

**Cave, Joseph Ronan Storm**, Ph.D., Physiology, Biophysics & Systems Biology. Advisors: Vittorio Cristini and Prashant Dogra. **Thesis:** *Integrating Machine Learning and Mechanistic Modeling to Rationalize the Design of Nanoparticle-based Drug Delivery Systems.*

**Chang, Winston Yu-Han**, Ph.D., Immunology & Microbial Pathogenesis. Advisor: Alan Hanash. **Thesis:** *Regulation of Epithelial Regeneration After Bone Marrow Transplantation and Enteric Infection.*

**Chaudhry, Fayzan Farooq**, Ph.D., Tri-I Program in Computational Biology & Medicine. Advisor: Doron Betel. **Thesis:** *Advancing Parkinson's Disease Therapy and Detection: Mapping Midbrain Dopamine Neurons and Developing Multimodal Risk Models.*

**Chi, Wei-Yu**, Ph.D., Physiology, Biophysics & Systems Biology. Advisor: Dan Landau. **Thesis:** *Single-Cell Mapping of Regulatory DNA: Protein Interactions.*

**Cullen, Quinlan**, Ph.D., Pharmacology. Advisor: Kayvan Keshari. **Thesis:** *[13C]-Fructose as a Glycolytic and Fructolytic Imaging Probe for Hyperpolarized Magnetic Resonance Spectroscopy.*

**Dunmore, Kate Elizabeth**, Ph.D., Cell & Developmental Biology. Advisor: David Rickman. **Thesis:** *Investigating the Role of E2F1 in Neuroendocrine Prostate Cancer.*

**Durmaz, Ceyda**, Ph.D., Physiology, Biophysics & Systems Biology. Advisors: Christopher Mason and Ari Melnick. **Thesis:** *Histone H1 Safeguards Plasticity Programs in Chromatin Compartment Edges.*

**Estrin, David James**, Ph.D., Neuroscience. Advisor: Conor Liston. **Thesis:** *Frontostriatal Circuit Dynamics During Learning, Stress, and Psychiatric Disease.*

**Fang, Beibei**, Ph.D., Immunology & Microbial Pathogenesis. Advisor: Alexander Rudensky. **Thesis:** *Neuro-Immune Regulation of Tissue Inflammation and Pathophysiology.*

**Fisher, Logan**, Ph.D., Immunology & Microbial Pathogenesis. Advisor: Chrysothemis Brown. **Thesis:** *Uncovering Dendritic Cell Heterogeneity and Function.*

**Izawa-Ishiguro, Arianna Richelle**, Ph.D., Pharmacology. Advisors: Daniel Heller and Ingo Mellinghoff. **Thesis:** *Leveraging Radiotherapy to Enhance Therapeutic Vulnerabilities in Glioblastoma.*

**Johnson, Kenneth Wayne**, Ph.D., Pharmacology. Advisor: Conor Liston. **Thesis:** *Circuit Mechanisms of Stress-Induced Maladaptation and Neuromodulatory Recovery in the Medial Prefrontal Cortex.*

**Kehe, Zoe Ann**, Ph.D., Pharmacology. Advisor: Yueming Li. **Thesis:** *The Study of Gamma-Secretase Homologs and Modulatory Proteins for the Treatment of Alzheimer's Disease.*

**Leyre, Louise**, Ph.D., Immunology & Microbial Pathogenesis. Advisor: R. Brad Jones. **Thesis:** *Cell-Intrinsic Mechanisms of CTL Resistance in HIV-Infected CD4+ T cells.*

**Lopez, Yessenia**, Ph.D., Physiology, Biophysics & Systems Biology. Advisor: Olga Boudker. **Thesis:** *The Role of a Conserved Methionine in Sodium Binding and Coupling in Glutamate Transporters.*

**Lu, Billy**, Ph.D., Pharmacology. Advisor: Dawid Nowak. **Thesis:** *Tracing the Clonal Evolution of Bladder Cancer Progression using the EvoCaB Platform.*

**Mak, Lauren**, Ph.D., Tri-I Program in Computational Biology & Medicine. Advisor: Iman Hajirasouliha. **Thesis:** *The Development of a Benchmarking Resource and a Scalable Methodological Framework for the Analysis of Complex Microbial Communities.*

**Mantel, Ian Daniel**, Ph.D., Immunology & Microbial Pathogenesis. Advisor: Laura Donlin. **Thesis:** *Fibrin-Associated SPP1hi Macrophages Drive Synovial Tissue Hyperplasia in Rheumatoid Arthritis.*

**Regan, Samantha Brooke**, Ph.D., Cell & Developmental Biology. Advisor: Maria Jasin. **Thesis:** *Megabase-scale Loss of Heterozygosity Provoked by CRISPR-Cas9 DNA Double-strand Breaks.*

**Shulman, Avital Shira**, Ph.D., Cell & Developmental Biology. Advisor: M. Bryan Tsou. **Thesis:** *Loss of KNTC1 Triggers a 53BP1 and USP28 Dependent Cell Cycle Arrest Without Prolonged Mitotic Delays.*

**Walsh, Alexander**, Ph.D., Neuroscience. Advisor: David Simon. **Thesis:** *Factors that Control the Balance Between Axon Survival and Degeneration.*

**Xiao, Yang**, Ph.D., Tri-I Program in Chemical Biology. Advisor: Yael David. **Thesis:** *Unraveling Protein Glycation Pathways Utilizing Integrated Chemical Biology Tools.*

**Zaman, Marjan Zeb**, Ph.D., Physiology, Biophysics & Systems Biology. Advisor: Katharine Hsu. **Thesis:** *Stem and Memory Programming in Engineered Immune Cells.*

# Doctors of Philosophy

August 31, 2026\*\*

**Evangelisti, Alessandro**, Ph.D., Neuroscience. Advisor: Lorenz Studer. **Thesis:** *Signaling Pathways Regulating Human Oligodendrocyte Lineage Specification from Pluripotent Stem Cells.*

**Ferrotta, Annalisa**, Ph.D., Pharmacology. Advisor: Ingo Mellinghoff. **Thesis:** *Determinants of Response to PI3K/MTOR Blockade in Glioblastoma.*

**Garcia, Cinthia Patricia Francisca**, Ph.D., Pharmacology. Advisor: Ingo Mellinghoff. **Thesis:** *Evaluating Antibody-Drug Conjugates for Glioblastoma Therapy.*

**Giovanelli, Paolo**, Ph.D., Immunology & Microbial Pathogenesis. Advisor: Alexander Rudensky. **Thesis:** *A Novel Mechanism of T cell Mediated Control of Colonic Inflammation.*

**Guerra, Yanira**, Ph.D., Cell & Developmental Biology. Advisors: Olivier Elemento and Melissa B. Davis. **Thesis:** *Translational Mapping of Tumor-Immune Architecture in TNBC and MCL.*

**Kaminow, Benjamin Avram**, Ph.D., Tri-I Program in Computational Biology & Medicine. Advisor: John Chodera. **Thesis:** *Structure-Based Graph Machine Learning Methods for Protein-Ligand Binding Affinity Prediction.*

**Koyyalagunta, Divya**, Ph.D., Tri-I Program in Computational Biology & Medicine. Advisor: Quaid Morris. **Thesis:** *Inferring Routes, Phenotypic Trajectories, and Clinical Biomarkers of Metastasis.*

**Lau, Aristotle Cheng**, Ph.D., Biochemistry & Structural Biology. Advisor: John Blenis. **Thesis:** *Identifying the Mutational Signatures of Folate Deficiency.*

**Lee, Uk Jin**, Ph.D., Molecular Biology. Advisor: Effie Apostolou. **Thesis:** *Cohesin-Mediated 3D Genome Organization and Transcriptional Regulation.*

**Liu, Jiacheng**, Ph.D., Biochemistry & Structural Biology. Advisor: Christopher Lima. **Thesis:** *Characterization of the Cytoplasmic RNA Exosome and Interactions with Factors Involved in Antiviral Defense.*

**Olatunji Alayomide**, Ph.D., Tri-I Program in Computational Biology & Medicine. Advisor: Thomas Norman. **Thesis:** *Modeling Technical Confounders and Gene Perturbation Effects in Single-Cell Transcriptomics.*

**Schilling, Louisa Suzanne**, Ph.D., Neuroscience. Advisors: Amy Kuceyeski and Conor Liston. **Thesis:** *Sex-Dependent Alterations in Brain Network Dynamics in Youth with a Family History of Substance Use Disorder.*

**Towers, Brooke Elizabeth**, Ph.D., Immunology & Microbial Pathogenesis. Advisor: Gregory Sonnenberg. **Thesis:** *Heparan Sulfate Biosynthesis is Essential for ILC2s and Type-2 Mucosal Immunity.*

**Towers, Patrick Mitrano**, Ph.D., Neuroscience. Advisor: Geoffrey Pitt. **Thesis:** *Dystonia in Timothy Syndrome Mouse Model with a Gain-of-Function Mutation in Cav1.2 (Cacna1c).*

**Tsamouri, Lydia Paraskevi**, Ph.D., Pharmacology. Advisor: Daniel Bachovchin. **Thesis:** *The Regulation of the NLRP1 and CARD8 Inflammasomes.*

**Upadhyaya, Samsara Wynona**, Ph.D., Biochemistry & Structural Biology. Advisor: Tobias Meyer. **Thesis:** *CDC7 and APC/CCdh1 Gate Alternate Routes to Trigger DNA Replication.*

**Wong, Wilfred Chad**, Ph.D., Tri-I Program in Computational Biology & Medicine. Advisor: Christina Leslie. **Thesis:** *Statistical Methods for Chromosome Conformation Capture Assays.*

\* Cornell/Rockefeller/Sloan Kettering/  
Tri-Institutional M.D.-Ph.D. Program

\*\* By Special Permission

# Alumni Award of Distinction 2026

## Weill Cornell Graduate School of Medical Sciences

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### **Ruth E. Atherton, Ph.D. '99, J.D.**

Ruth E. Atherton, Ph.D. '99, J.D. is an Assistant General Counsel at Genentech (Roche), where she creates partnerships bringing medical innovation to patients worldwide in oncology, rare disease, neurodegeneration, and ophthalmology.

Dr. Atherton earned a Ph.D. in cell biology and genetics from Weill Cornell Graduate School of Medical Sciences in 1999, and a J.D. from Fordham University School of Law in 2002. At Cornell, she trained in the laboratory of Dr. Carl P. Blobel, M.D., Ph.D., focusing on protein regulation and cell signaling, and received a Vincent du Vigneaud Symposium Award.

Dr. Atherton now serves as a leader at the intersection of biomedical law, global health, and industry. Her unique perspectives allow her to bridge the gap between laboratory discoveries, product development and global implementation.

Noted for her technical acumen, innovation, and culture development, Dr. Atherton has built a career defined by an impactful record of science-informed leadership and service to society. In her earlier roles as associate and deputy general counsel at the Bill & Melinda Gates Foundation, Dr. Atherton provided access to life-saving interventions to reach the world's most vulnerable populations, including on the foundation's Ebola and Covid Emergency Response teams.

Dr. Atherton has held senior legal roles at Sanofi and Genzyme, to accelerate access to treatments for rare genetic disorders. As a patent litigator, she "followed the science" through intricate data to uncover truths and enforce and defend leading biomedical and pharmaceutical patents.

Dr. Atherton also serves on the boards of directors for both nonprofit organizations focused on global health equity and for start-ups driving innovative research. She is a champion of corporate social responsibility and mentoring. She remains dedicated to the principle that innovation, tenacity, and integrity are reliable guides for improving global human health.

# Siegel Family Faculty Award 2026

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## Jeanne and Herbert Siegel Award for Outstanding Medical Research

**Simon Scheuring, Ph.D.**

Dr. Simon Scheuring is Distinguished Professor of Anesthesiology Research and professor of biochemistry and biophysics in anesthesiology at Weill Cornell Medicine. He earned his doctorate at the Biozentrum of the University of Basel in Switzerland, and built his research career at the Institut National de la Santé et de la Recherche Médicale (INSERM) in France before joining the faculty at Weill Cornell Medicine in 2017.

Dr. Scheuring leads an interdisciplinary research program focused on developing and applying atomic force microscopy and cryo-electron microscopy to uncover fundamental processes in biological membranes. His work centers on elucidating the structure, dynamics and kinetics of transmembrane channels and transporters. Among his key contributions, he has overcome longstanding speed and resolution limitations in atomic force microscopy, enabling visualization of rare and transient states in sensory ion channels. These breakthroughs have opened new directions in dynamic structural biology, deepening understanding of the molecular mechanisms underlying environmental sensing.

In addition to his scientific contributions, Dr. Scheuring is a dedicated mentor who has trained numerous graduate students and postdoctoral fellows, many of whom now hold independent faculty positions worldwide. He has authored more than 100 publications in leading journals, including *Nature*, *Science* and *Cell*.

# Cornell University Alma Mater

## Verse One

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

## Refrain

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

## Verse Two

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

**Music by**  
Opus 5 Music

*RODGERS is the official house organ at Carnegie Hall.*



**Weill Cornell Medicine**



**Weill Cornell**  
**Medicine**

