



**YALE SCHOOL OF MEDICINE
STUDENT RESEARCH DAY**

Tuesday, May 6, 2025

**The Anlyan Center (TAC)
300 Cedar Street
New Haven, Connecticut**



SCHEDULE OF EVENTS

12:00 p.m. – 12:30 p.m.

Lunch – All Invited (Lobby)

12:30 p.m. – 1:30 p.m.

Scientific Poster Session (Lobby)

1:30 p.m. – 1:40 p.m.

Opening Remarks by Dean Nancy Brown and Associate Deans of Student Research Sarwat Chaudhry and Erica Herzog (Auditorium, NI07)

1:40 p.m. – 1:50 p.m.

Remarks by Dr. Lee Goldman, YSM Class of '73 (NI07)

1:50 p.m. – 3:05 p.m.

Jill and Lee Goldman, MD '73 Plenary Scientific Session
Oral Presentations (NI07)

3:05 p.m. – 3:20 p.m.

Break (Lobby)

3:20 p.m. – 3:30 p.m.

Dr. John N. Forrest, Jr., Mentorship Award
presented by Dr. John K. Forrest to Dr. Jeffrey Cohen (NI07)

3:30 p.m. – 4:30 p.m.

37th Annual Farr Lecture delivered by Dr. Daniel Drucker (NI07)



37th ANNUAL LEE E. FARR, MD, LECTURESHIP
“New Molecules and Indications Drive the Future of GLP-1 Medications”
Daniel Drucker, MD, FRCPC

Dr. Drucker is an Endocrinologist and Professor of Medicine in the Division of Endocrinology at the University of Toronto. He holds the Banting and Best Diabetes Centre-Novo Nordisk Chair in Incretin Biology. His laboratory is based in the Lunenfeld Tanenbaum Research Institute at Mount Sinai Hospital in Toronto and studies the molecular biology and physiology of glucagon-like peptides. Dr. Drucker received training in Internal Medicine and Endocrinology from the Johns Hopkins Hospital in Baltimore and the University of Toronto, followed by a fellowship in molecular endocrinology at Massachusetts General Hospital. His discoveries have enabled the development of several new GLP-1-based therapies for the treatment of diabetes and obesity and GLP-2 analogues for intestinal failure. Dr. Drucker has received numerous international awards for his translational science and has been elected to the Order of Canada, the Canadian Medical Hall of Fame, Fellowship in the Royal Society (London) and the National Academy of Sciences and National Academy of Medicine (USA).

Jill and Lee Goldman, MD ‘73 Plenary Scientific Session

The Jill and Lee Goldman, MD ‘73 Plenary Scientific Session is made possible by an endowment established by the Goldmans in 2019. Dr. Goldman, who is a member of the Yale College Class of 1969 and Yale School of Medicine Class of 1973, is Professor of Medicine and Epidemiology at Columbia University, where he also is Dean Emeritus of the Faculties of Health Sciences and Medicine and the former Chief Executive of Columbia University Irving Medical Center. Dr. Goldman was previously the Julius R. Krevans Professor and Chair of the Department of Medicine at the University of California, San Francisco, and a Professor of Medicine and Epidemiology at Harvard. He serves as the lead editor of *Goldman-Cecil Medicine*.

Jill S. Goldman, MS, MPhil (Yale 1971), is Professor of Genetic Counseling in Neurology at Columbia University Irving Medical Center and a genetic counselor at the Taub Institute in the Vagelos College of Physicians and Surgeons. Ms. Goldman also is the editor of the textbook *Genetic Counseling for Adult Neurogenetic Diseases: A Casebook for Clinicians*. She created “A Friend for Rachel,” a companionship program in which people with early to moderate dementia are paired with Columbia pre-medical students.

The Goldmans are delighted to support medical student research because Yale and the MD thesis experience fundamentally changed their lives.



PLENARY SCIENTIFIC SESSION

Jill and Lee Goldman, MD '73 Plenary Scientific Session
Oral Presentations

1:40 p.m. Opening Remarks

Dr. Lee Goldman, YSM Class of '73

1:50 p.m. Rachel Levinson

*Pancreatic Cancer Risk After Chronic Hepatitis C Virus Infection:
A National, Population-Based Study*

2:05 p.m. Niroop Rajashekar

*Generative Artificial Intelligence in Clinical Decision Support –
Quantitative and Qualitative Analyses*

2:20 p.m. Tanner Metcalfe

*The Effect of the Ketogenic Diet on the Circadian Rhythmicity of Glymphatic
Function in Mice*

2:35 p.m. Danielle Miyagishima

Deconvolution of the Meningioma Microenvironment

2:50 p.m. Daniel Thompson

*Evaluating Nebulizer Efficiency for Phage Therapy
in Drug-Resistant Pseudomonas Infections*



2025 ANNUAL SCIENTIFIC POSTER SESSION

Presenters and Sponsoring Departments

POSTER NUMBER:

MD Students

Child Study Center

1. Caroline Naomi Valdez, Priscilla Westberg, Paula Schaeffer, Ariana Cardenas, Morgan Thibodeau, Andrea G. Asnes, John M. Leventhal: *Language Barriers in Child Sexual Abuse Forensic Interviews for Spanish and English-Speaking Bilingual Children.*

Department of Anesthesiology

2. Sara Locke, Tamiko Robin Katsumoto, Thomas Bush, Nicole Duritz, David Han, Jeannette Ickovics, Hardeep Singh, Lucy Walker, Lisa Patel, Jodi Sherman: *The Role of Professional Medical Societies in Advancing Climate-Related Health and Sustainable Healthcare.*

Department of Dermatology

3. Julia Chiemi, Ana Greenberg, Margaret MacGibeny, Sarika Ramachandran: *Shining a Light on Differences in Sunscreen Beliefs and Usage Across Diverse Skin Tones.*
4. Madeline McNamara, Sean Christensen: *Histopathologic Classification of Actinic Keratosis Severity is Associated with Burden of Keratinocyte Carcinoma in Immunosuppressed and Immunocompetent Patients.*
5. Michael R. Nock, Marney A. White, Jeffrey M. Cohen: *Acne and Eating Disorders: A Retrospective Cohort Study.*
6. Joyce Quon, Jeffrey Cohen, Sean Christensen: *Association of Non-Melanoma Skin Cancer with Psoriasis & Mediation Effects of TNFa Inhibitors and Methotrexate: A Cross-Sectional Study in the All of Us Research Program.*
7. Jennifer Rodriguez, Gauri Panse, Michal Kidacki: *Seronegative Drug-Induced Lupus Following Sarilumab Therapy.*
8. Sarah L. Spaulding, A. Mitchel Wride, Martin D. Slade, William Damsky, Jeffrey M. Cohen: *Healthcare Utilization and Prevalence of Cutaneous Fungal Infections: A National Survey Analysis.*
9. Q. Wilton Sun, Jeffrey M. Cohen: *Dermatologist Utilization of Medications Associated with Androgenic Alopecia Treatment Among Medicare Beneficiaries.*
10. Kailyn Valido, Ana B.W. Greenberg, Matthew D. Vesely, Jonathan S. Leventhal: *The Treatment of Cutaneous Immune-Related Adverse Events with Targeted Biologic Therapy: A Retrospective Study at Smilow Cancer Hospital.*



11. Aster Workineh, Rachel Breidbart, Julia Ross, Sarika Ramachandran, Matthew D. Vesely, Jeff R. Gehlhausen, Jeffrey M. Cohen, Alicia J. Little: *Characterization of Alopecia and Autoantibody Profiles in Patients with Cutaneous Lupus Erythematosus.*

Department of Internal Medicine

12. Noah Brazer, Sarah Householder, Ysabel Ilagan-Ying: *What's in That Weight Loss Supplement? A Case of Garnicia Cambogia-Associated Acute Liver Failure Requiring Transplantation.*
13. Gabriel Carrillo, Libby Ward Schafer, Avanti Verma, Brinda Emu: *Management Trends in People with HIV and Head and Neck Squamous Cell Carcinoma: Insights from 2022-2024.*
14. Nazar Chowdhury, Andrea Rix, Marah Maayah, Courtney Hurt, Kimberly A. Webster, Kristie Walenczyk, John Devin Peipert, Carolyn M. Mazure, Samit Shah: *Developing a Novel Patient-Reported Outcome Measure (PROM) for Women with Ischemic Heart Disease.*
15. Lauren Daddi, Marjorie Golden, Anne Spichler-Moffarah: *Concordance of Preoperative Antibiotic Prophylaxis with Causative Organisms in Fracture-Related Infection.*
16. Brian Amu Fleischer, Esi Berkoh, Bismark Amoh, Afriyie Badu, Derek Anamaale Tuoyire, Jeremy I. Schwartz: *Exploring Health Professional Student-Led Interventions to Address Gaps in Common Non-Communicable (NCD) Disease Screening, Management and Self-Care Education in Ghana.*
17. Carla Godoy, Reshma Ramachandran, Pradyumna Sapre, Joseph S. Ross: *Confirmatory Evidence Supporting Single Pivotal Trial New Drug Approvals by the Food and Drug Administration, 2015 through 2023.*
18. Daniel Ibraheem, Alyssa Grimshaw, Benjamin Doolittle: *Christian Contemplative Prayer and Impact on Wellbeing: A Systematic Review.*
19. Kyungseok Jung, Mitsuaki Sawano, Frederick Warner, Rishi M. Shah, Jaiveer Singh, Chenxi Huang, Yuan Lu, Bornali Bhattacharjee, Akiko Iwasaki, Harlan M. Krumholz: *Characterization of Long COVID Recovery: A Longitudinal Study.*
20. Neeraj G. Patel, Joseph S. Ross, Reshma Ramachandran: *Changes in Pharmaceutical Industry Payments to Physicians after New Jersey's 2018 Restriction.*
21. Nisarg Shah, Johann Edjimbi, Alyssa Grimshaw, Craig Gunderson, Shaili Gupta: *The Role of Social Determinants in Access to SGLT2 Inhibitors and GLP-1 Receptor Agonists: A Systematic Review and Meta-Analysis.*
22. Jaiveer Singh, Rachel Jaber Chehayeb, Yunju Im, Irvin Yi, Talal El Zarif, Carlos Matute Martinez, Ritujith Jayakrishnan, Ana Ferrigno Guajardo, Jennifer VanOudenhove, Stephanie Halene, Alok Jha, Jennifer M. Kwan: *Evaluation of Clonal Hematopoiesis of Indeterminate Potential (CHIP) Risk Score (CHRS) as a Prognostic Marker for Death in A Cardio-Oncology Cohort.*



23. Yimei Wan, Joseph Ross: *Polypharmacy Among Older Adults with Limited English Proficiency.*
24. Isabel Wang, Howard P. Forman, Anishaa Sivakumar, Joseph S. Ross: *Assessing IV Hydration Spas' Medical Oversight and Risk Communication Across the United States: A Secret Shopper Study.*
25. Irvin Yi, Yael Derdikman-Ofir, Jacqueline Mann, David Su, Tara Kim, Oscar Perales, Lin Zhang, Adebawale Adeniran, David Schoenfeld, Harriet Kluger: *PRAME is Not a Frequently Expressed Antigen in Renal Cell Carcinoma.*

Department of Neurosurgery

26. Yuqing Huang, Yajun Zhou, Eyiymisi Damisah: *Beta Bursts Modulate High Gamma and Single-Neuron Activity During Aversive Emotional Processing in Human Hippocampus and Amygdala.*
27. Kashif Qureshi, Zhouqi Meng, Jianbing Zhou: *Gene Replacement Therapy for Plexiform Neurofibromas.*

Department of Obstetrics, Gynecology & Reproductive Sciences

28. Kexin Meng, Sona Jasani: *Understanding Medical Student Engagement: From Conceptualization to Measurement.*

Department of Ophthalmology & Visual Science

29. Elliott K. Vanderford, Eric S. Li, Ninani Kombo: *Changes in Healthcare Coverage and Access to Eyecare Among Low-Income Adults After Medicaid Expansion.*

Department of Orthopaedics & Rehabilitation

30. Haley M. Cox, Philip P. Ratnasamy, Motasem Salameh: *Does Staging of High-Energy Lisfranc Injuries Impact Postoperative Outcomes?*
31. Fabrizio Darby, Nancy Park, Anshu Jonnalagadda, Sam Boroumand, Raquel Rosa, Andrew Jimenez: *Assessing the Readability of Online Educational Materials on Periacetabular Osteotomy.*
32. Taj El-Khalili, Lara Varma, Karley Yung, Emily Currie, Ellie Tillman-Schwartz, Jinlei Li, Daniel Wiznia: *Patient Controlled Dispenser & Deactivator (PCDD) of Oral Liquid Acetaminophen.*
33. Stephen M. Gillinov, Jonathan S. Lee, Kieran S. Dowley, Michael C. Dean, Nathan J. Cherian, Scott D. Martin: *Association Between Severity of Chondrolabral Junction Breakdown and Functional Outcomes After Hip Arthroscopy for Acetabular Labral Tears.*



34. Camila L. Hayashi, Adam D. Winter, Luis A. Túa-Vargas, Nicholas Chau, Aarush Kalia, David H. Gibson, Lee E. Rubin, Ilda B. Molloy, Daniel H. Wiznia: *Health-Related Social Needs Associated with Worse Patient Reported Outcomes and Increased Adverse Events Following Total Joint Arthroplasty.*
35. Albert H. Lee, Om B. Jahagirdar, John P. Slevin, Lee E. Rubin, Jonathan N. Grauer: *Robotic-Assistance use in Low-Volume Total Knee Arthroplasty Surgeons Approximates Outcomes of High-Volume Conventional Total Knee Arthroplasty Surgeons.*
36. Ryan Mullan, Julie Mekhail, James Cross, Om Jahagirdar, Motasem Salameh: *Outcomes of Reverse Total Shoulder Arthroplasty Versus Other Surgical Fixation Methods for Proximal Humerus Fractures in Elderly Patients.*
37. Oghenewoma Oghenesume, Philip Ratnasamy, Jennifer Hankenson, Jonathan Grauer: *Prevalence of Lower Back Pain Diagnosis and Injection Utilization in Patients with and without Cerebral Palsy.*
38. Rachel X. Shi, Mohammad Al-Badaineh, James L. Cross, Om B. Jahagirdar, Motasem Salameh: *Clinical Outcomes of Capitulum Arthrodesis: A Systematic Review and Meta-Analysis.*
39. Adam D. Winter, Johannes M. Sieberer, Elizabeth C. Gardner, Christina R. Allen, Lisa L. Lattanza, John P. Fulkerson, Alyssa Glennon: *Personalized 3D Surgical Planning for Tibial Tubercle Transfer: Case Report of a Multidisciplinary Effort.*

Department of Pediatrics

40. Dhatri Abeyaratne, Erin Latham, Elaine Couvertier, Noah Brazer, Cristina Del valle, Brianna Oakley, Jim Dodington, Gunjan Tiyyagura: *Cash Assistance for Survivors of Intimate Partner Violence: A Qualitative Study.*
41. Kelly Butler, Deepti Bhatt, Suparna Basu, Juan Vasquez: *Developing Immunocompetent Isogenic Mouse Models of MGMT+ Glioma for Evaluation of the Immune-Modulatory Effects of Alkylating Chemotherapies.*
42. Frankie Carr, Janet P. Hafler: *Mastering the Masters: The Career and Academic Impacts of Yale School of Medicine's Master Medical Education Program on Its Alumni.*
43. Ashwin K. Chetty, Mona Sharifi, James T. Nugent: *Glucagon-Like Peptide-I Receptor Agonist Eligibility Among US Adolescents and Young Adults.*

Department of Psychiatry

44. Emily Xu, Alyssa Nielson, Anne Klee: *Barriers and Facilitators to Veteran Graduation from Mental Health Intensive Case Management (MHICM) and Related Services.*

Department of Radiology & Biomedical Imaging



45. Anishaa Sivakumar, Howard P. Forman, Isabel Wang, Peter Lurie, Joseph S. Ross: *IV Hydration Spas: State Policies and Facility Practices in the U.S.*

Department of Surgery

46. Serena Chi, Ruchi Rana, Saral Mehra: *Impact of SLP Therapy Timing and Visit Number on Swallowing Function in HPV+ Oropharyngeal Cancer Patients.*
47. Benjamin Crews, Judy Li, Valentyna Kostiuik, Shreef Said, Justin Bader, Hannah Zweibelman, David Strosberg, Raul Guzman, Edouard Aboian, Cassius Iyad Ochoa Chaa: *Challenging the Guidelines for Abdominal Aortic Aneurysms: Antiplatelets are Not Associated with Survival, but Statins Are.*
48. Paula Flores-Perez, Albert Rancu, Melanie Vassallo, Jake Moscarelli, Omar Allam, Katelyn Lewis, Thayer Mukherjee, Michael Alperovich: *Quantitative Assessment of Craniofacial and Patient-Reported Outcomes Following Facial Feminization Surgery.*
49. Hannah May, Samuel Miller, Becca R. Levy, Ronnie A. Rosenthal, Thomas M. Gill, Robert D. Becher: *Perceptions, Attitudes, and Behaviors of Surgeons Who Care for Older Adults: A Multidisciplinary Survey Study.*
50. Meera S. Nair, Felix J. Klimitz, Samuel Knoedler, Adriano Fabi, Adriana C. Panayi, Thomas Schaschinger, Giuseppe Sofo, Sam Boroumand, Elisabeth A. Kappos, Martin Kauke-Navarro, Bohdan Pomahac: *Weighing the Risks: Investigating the Impact of Body Mass Index on 30-Day Outcomes After Abdominoplasty.*

Department of Urology

51. Julien DuBois, Mursal Gardezi, Jason Lee, Daniel Kellner: *Predicting the Durability of Selective Median Lobe Holmium Laser Enucleation of the Prostate: A Retrospective Cohort Study.*
52. Shayan Smani, Olamide Olawoyin, Nishan Sohoni, Soum Lokeshwar, Michael Leapman: *Trends in Urologic Surgery Operating Room Efficiency: A Single Health System Analysis.*

Section of the History of Medicine

53. Laura A. Evans, Naomi Rogers: *Communication, Conviction, and Cure: Patterns of Public Health Information through Millennia of Popular Media.*

MD-MHS Students

54. Helen Cai, Matthew Yuen, Kartik Pattabiraman: *Single Cell Characterization of Transient Cortical Neurons Implicated in Autism Spectrum Disorder.* Child Study Center
55. Jack McCarthy, Tatiana Moylan, James Bonz, Marc Auerbach, Leigh Evans, Samreen Vora: *Inspiring Future Scientists: Mentorship in a Simulation-Based STEM Outreach Program.* Emergency Medicine



56. Carlisle Topping, Craig Rothenberg, Cameron Gettel, Katja Goldflam, Wallace Carter, Arjun Venkatesh: *What You See is What You Learn: Characterizing National Variation in Emergency Medicine Residency Program Clinical Environments*. Emergency Medicine
57. Dylan Rose Balter, Peter J. Bodurtha, Tyler N. A. Winkelman, Benjamin A. Howell: *Variation in Jail Exposure and Risk of Death Following Release*. Internal Medicine
58. Olivia Belliveau, Catherine Mezzacappa, Arpan Patel, David Kaplan, Tamar Taddei: *Predictors and Outcomes of Palliative Care Consultation in Veterans Hospitalized with Alcohol-Associated Hepatitis*. Internal Medicine
59. Katrine Madsen, Hanna Soulati, Vivien Moritz, David Braun: *Impact of HIF-2 α Inhibition on T Cell Function in Clear Cell Renal Cell Carcinoma*. Internal Medicine
60. Anne Mentzinger, Joseph Brancale, Sarah Platt, Anubha Seth, Chigoziri Konkwo, Shanin Chowdhury, Silvia Vilarinho: *Investigating Genetic Underpinnings and Pathobiology of Porto-Sinusoidal Vascular Disease*. Internal Medicine
61. Rafael Maarek, Kaitlyn Stoehr, Sithmi Jayasundara, David Vargas Estrella, Rachel Choi, Amedeo Rapuano, Andrew Koo, Yilun Chen, Jessica Magid-Bernstein, Lena O'Keefe, Ryan Hebert, Farhad Bahrassa, Brandon Westover, Charles Matouk, Nils Petersen, Emily Gilmore, Jennifer Kim: *Analyzing the Neurophysiologic Effects of IV Verapamil During Angiographic Treatment of Cerebral Vasospasm in Aneurysmal Subarachnoid Hemorrhage*. Neurology
62. Kaitlyn Stoehr, David Bartolome, Sithmi Jayasundara, Pwint Thinzar, David Vargas, Jennifer Kim, Jessica Magid-Bernstein, Lena M. O'Keefe, Adam de Havenon, Ryan Hebert, Charles Matouk, Kevin Sheth, Emily J. Gilmore, Santiago Ortega-Gutierrez, Nils Petersen: *Autoregulatory Sensitivity to Nimodipine Predicts Worse Functional Outcome after Aneurysmal Subarachnoid Hemorrhage*. Neurology
63. Nana Adenu-Mensah, Mercedeh Movassagh, Andrew Whalen, Edith Kabecholori, Ronald Mulondo, Sarah Morton, Steven J. Schiff: *Genomic Analysis of the MTHFR Single Nucleotide Polymorphisms in Ugandan Neonates*. Neurosurgery
64. Serina Applebaum, Yanhong Deng, Julia Fu, Michael Kane, Kristen Nwanyanwu: *Risk Factors and Outcomes for the Occurrence and Duration of Lapses in Proliferative Diabetic Retinopathy Care in a National Multicenter Cohort*. Ophthalmology & Visual Science
65. Arielle Richey Levine, Adnan Prsic, Andrew Jimenez, Stephen Holt: *Design, Implementation and Evaluation of a Novel Musculoskeletal Medicine Elective for Yale Medical Students*. Orthopaedics & Rehabilitation



66. Gwyneth Maloy, Jonathan Grauer: *Leveraging a Newly Evolved National Database to Assess the Clinical- and Non-Clinical Factors Associated with Postoperative Opioid Use for Adolescents Undergoing Posterior Scoliosis Fusion.* Orthopaedics & Rehabilitation
67. Judy Li, Martin Slade, Thomas M. Gill, Justin Bader, Raul J. Guzman, Britt H. Tonnessen, David P. Kuwayama, Alan Dardik, Jonathan A. Cardella, Cassius Iyad Ochoa Chaar: *Frailty and One-Year Functional Decline after Elective Endovascular Abdominal Aortic Aneurysm Repair in Octogenarians.* Surgery
68. Andrew W. Schwartz, Yukihiko Aoyagi, Zhuo Li, Hualong Bai, Cayetana Lazcano Etchebarne, Bryan Ho, Luis Gonzalez, Yuichi Ohashi, Masaki Kano, Bogdan Yatsula, Cassius Iyad Ochoa Chaar, Kathleen Martin, Guohao Dai, Alan Dardik: *Sox17 Mediates Arteriovenous Fistula Maturation.* Surgery

Yale School of Medicine Physician Associate Program

69. Esther Tsai, Carlin Aloe, Emily Finn, Morgan Harper, Veronika Shabanova, Mona Sharifi: *Pediatric Primary Care Clinicians' Prioritization of Counseling Topics for Patients with High BMI.*

Yale School of Nursing

70. Abigail Crocker, Veronica Weser, Hunter Hoffman, Asher Marks, Kimberly Hieftje: *Mixed Reality Monitoring: Understanding Technology's Influence on Memory.*
71. Amber Griffo, Jasen Christensen, Virginia R. Chitwood-Sedore, Joey Acosta, Luz Rodriguez, Katherine E. Watkins, John Bettler, Ryan Harris, Seth Williams, Alex Dopp, Karen Chan Osilla: *Stakeholder Feedback on a Collaborative Care Intervention to Prevent Death from Opioid Overdose and Suicide among those with Co-Occurring Disorders.*

Digital Posters

72. Aster Workineh, Julia Ross, Rachel Breidbart, Sarika Ramachandran, Matthew D. Vesely, Jeff R. Gehlhausen, Jeffrey M. Cohen, Alicia J. Little: *Cutaneous Lupus Follow-Up Patterns During Healthcare Disruptions Adaptations and Insights from COVID-19.* Dermatology
73. Daniel Ibraheem, Jake Villanova, Benjamin Doolittle: *Life Worth Living: A Mixed Methods Study on a Summer Seminar's Impact on Medical Students.* Internal Medicine
74. Caroline Valdez, Gabriela Athziri Sánchez-Zuno, Marta Piecychna, Jennefer Par-Young, Ed Doherty, Anya Mahajan, William Trosch, Benjamin Schiff, Michelle E. Armstrong, Seamas C. Donnelly, Barbara Burtneess, Richard Bucala, Thuy Tran: *Therapeutic Targeting of the MIF/DDT/CD74 Axis in Head and Neck Squamous Cell Carcinoma (HNSCC) Murine Models.* Internal Medicine



75. Irvin Yi, Pedro Henrique Benfatti Gomes, Nicole Hardy, Brandon Rose, Yu-Cherng Channing Chang, Steven Bialick, Emily Jonczak, Gina Z. D'Amato, Hari Deshpande, Roberto Pestana, Bruna David, Jonathan C. Trent, Fernando Campos, Philippos Apolinario Costa: *Treatment Discontinuation in Desmoid Tumors: Factors Associated with Better Outcomes after Sorafenib Discontinuation*. Internal Medicine
76. Kaitlyn Stoehr, Sithmi Jayasundara, David Vargas, Pwint Thinzar, Amedeo Rapuano, Rafael Maarek, Rachel Beekman, Jessica Magid-Bernstein, Lena O'Keefe, Charles Matouk, Ryan Hebert, Emily Gilmore, Jennifer A. Kim, Nils Petersen: *Evaluating the Impact of Endovascular Interventions for Vasospasm on Cerebral Autoregulation in Aneurysmal Subarachnoid Hemorrhage*. MD-MHS; Neurology
77. Taj El-Khalili, Avalon Scarola, Reza Bergemann, Steven Tommasini, Daniel Wiznia: *Measuring Adjunct Injection Pressures During Core Decompression Surgery*. Orthopaedics & Rehabilitation
78. Adam D. Winter, Camila L. Hayashi, Luis A. Túa-Vargas, Nicholas Chau, David H. Gibson, Lee E. Rubin, Ilda B. Molloy, Daniel H. Wiznia: *Health-Related Social Needs are Associated with Worse Physical Function, Pain, and Mobility in Hip and Knee Osteoarthritis Patients at Presentation*. Orthopaedics & Rehabilitation
79. Adam D. Winter, Alyssa Glennon, Aiden Reuter, Jiyoun Kim, Irvin Oh: *Weight-Bearing CT-Based Presurgical Planning for Hindfoot Realignment in Progressive Collapsing Foot Deformity Reconstruction*. Orthopaedics & Rehabilitation
80. Meera S. Nair, Alexzandra Mattia, Alvin Nguyen, Annie Bright, Yizhuo Shen, Stav Brow, Janessa Sullivan, Siba Haykal: *Evaluating Cancer-Related Lymphedema: A Systematic Review and Meta-Analysis of Risk Factors Across Cancer Types*. Surgery



(Access the digital posters by scanning this QR code)



Thank You

The Office of Student Research gratefully acknowledges the financial support of the following funding agencies, endowed student research fellowships, and gifts to student research.

National Institutes of Health

Stanley J. Sarnoff
Endowment for
Cardiovascular Research

American Society of
Hematology

American Society of
Nephrology

American Heart
Association

Jill and Lee Goldman
Resource Fund

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Research Fellowship

The Herman H. and
Sarah Zusman Student
Research Fellowship

The Lowe Fund for
Student Enrichment in
the Science of Medicine

Jack and Francine Levin,
The Jack and Francine
Levin Yale-at-MBL Student
Research Fellowship

Michael Girardi MD and
Nancy Girardi MD, Gift
for Student Research

Ameya Kulkarni, MD '06
and Aliya Jiwani, MPH '06,
Social Justice Scholars
Fund

Dr. Chinweike Ukomadu
MD, PhD '93, Gift for
Student Research

John N. Forrest, Jr., MD
Resource Fund for
Student Research



Lee E. Farr Lectureship

1988 Arnold Relman, MD	2001 Richard P. Lifton, MD, PhD	2014 James Rothman, PhD
1989 Arthur E. Rubenstein, MD	2002 Paul Greengard, PhD	2015 Brian Kobilka, MD
1990 Anthony S. Fauci, MD	2003 Edward Benz, MD	2016 Nancy C. Andrews, MD, PhD
1991 Sidney Altman, MD	2004 Story C. Landis, PhD	2017 Eric G. Neilson, MD
1992 Sydney Brenner, FRS	2005 Arthur L. Horwich, MD	2018 Laurie H. Glimcher, MD
1993 Gerard N. Burrow, MD	2006 Jeffrey M. Friedman, MD, PhD	2019 George Q. Daley, MD, PhD
1994 Joseph L. Goldstein, MD	2007 Jack Elias, MD	2021 Helen Hobbs, MD
1995 Francis S. Collins, MD, PhD	2008 David G. Nathan, MD	2022 Rexford Ahima, MD
1996 Patricia K. Donahoe, MD	2009 Stuart H. Orkin, MD	2023 Neil Powe, MD, MPH, MBA
1997 Judah Folkman, MD	2010 Lewis Landsberg, MD	2024 Peter Aronson, MD
1998 Alfred G. Gilman, MD, PhD	2011 George Lister, MD	2025 Daniel Drucker, MD
1999 Robert J. Lefkowitz, MD	2012 Jeffrey S. Flier, MD	
2000 Harold Varmus, MD	2013 Elizabeth G. Nabel, MD	

The Lee E. Farr, MD Endowed Lectureship was established at Yale School of Medicine in 1988 by Dr. Lee E. Farr. The purpose of this lectureship is “to stimulate thinking and to inspire students to strive to achieve more effective leadership and educational roles in society.”

Dr. Farr, Yale College '29, MD '33, was a pre-eminent physician who was the medical director and physician-in-chief of the hospital at Brookhaven National Laboratory on Long Island, New York, where he participated in the design of the world's first nuclear reactor built primarily for medical purposes. He was one of the original specialists in nuclear medicine and practiced and taught at various times in Delaware, New York, Texas, California, and Oregon. Dr. Farr served as a member of the Advisory Commission on Naval Medical Research and analyzed medical effects on atomic bomb victims as a member of the Advisory Commission on the Atomic Bomb, of which he was chairman from 1954 to 1968. He received innumerable awards and honors and wrote many articles on nuclear medicine, nuclear reactors, protein metabolism, emergency medical services, and radioactive and chemical environmental contaminants.

The Farr Lectureship is held in memory of Lee E. Farr, MD, who died on July 16, 1997.



John N. Forrest, Jr., MD, Prize for Mentorship in Student Research

2021 Silvia Vilarinho, MD, PhD

2022 Michael Leapman, MD, MHS

2023 Cassius Iyad Ochoa Chara, MD, MS, RPVI

2024 Shelli Farhadian, MD, PhD

2025 Jeffrey Cohen, MD

The John N. Forrest, Jr., MD, Prize for Mentorship in Student Research was endowed at the Yale School of Medicine in 2020 by the Forrest family. The prize is awarded annually for exceptional mentoring by a faculty member in the area of medical student research.

John N. Forrest, Jr., MD, was a Professor of Internal Medicine (Nephrology) who was the founding director of YSM's Office of Student Research in 1987. He served in this role for 33 years until his retirement in 2019. Dr. Forrest also initiated the inaugural Student Research Day in 1988, marking the beginning of a tradition that continues to thrive, now in its 37th year.

Dr. Forrest passed away on March 19, 2024, in New Haven. His efforts on behalf of medical student research and the MD thesis shaped the Yale system of general medical education as we know it today.



Yale School of Medicine Departmental Thesis Chairs

Department & Chairperson

Anesthesiology:

Dr. Paul Heerd

Biomedical Engineering:

Dr. Fahmeed Hyder

Cell Biology:

Dr. Peter Takizawa

Cellular & Molecular Physiology:

Dr. Rachel Perry

Child Study Center:

Dr. Andres Martin

Dermatology:

Dr. Sean Christensen

Emergency Medicine:

Dr. Fuad AbuJarad

Genetics:

Dr. Curt Scharfe

History of Medicine:

Dr. Marco Ramos

Immunobiology:

Dr. Kevan Herold

Internal Medicine:

Drs. Lauren Ferrante & Shuta Ishibe

Laboratory Medicine:

Dr. Alexa Siddon

MD-PhD:

Dr. Angeliki Louvi

Molecular Biophysics & Biochemistry:

Dr. William Konigsberg

Neurology:

Dr. Sourav Ghosh

Neuroscience:

Dr. Michael Higley

Neurosurgery:

Dr. Angeliki Louvi

Ob, Gyn & Reproductive Sciences:

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Pharmacology:

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