

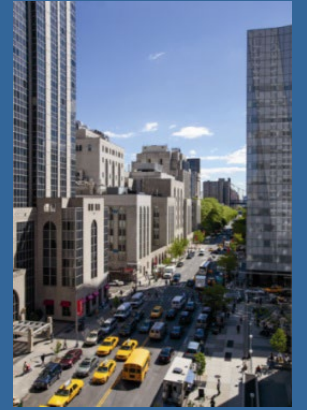


Weill Cornell Medicine

Joan and Sanford I. Weill Department of Medicine

What's New In Medicine

Newsletter • May 2022



What's New in Medicine, the newsletter of the Joan and Sanford I. Weill Department of Medicine at Weill Cornell Medicine, provides the latest updates on the department's research breakthroughs, new faculty recruits, and honors and awards.

To submit information for consideration for future newsletters, please contact Suzanne Ross directly at suross@med.cornell.edu.

Message from the Chair



Hard to believe it is June already and the end of the academic year is here. I would like to thank our 5 terrific chief residents (**Drs. Cecelia E.W. Nicol, Ramsey Kalil, Benjamin Langan Gordon, Lauren Balkan, and Youmna Abdelghany**) for all of their hard work and leadership. We wish them well as they go forward. Similarly, we have an amazing cadre of 42 senior residents and 4 junior residents in the medical research track who will all graduate this month. We wish them well as they continue to pursue their careers and improve everything we do in Medicine. We are very proud of all of them.

I would also like to take the time to recognize two of our outstanding faculty members who are retiring: 1. **Bob Burakoff, M.D.** has made outstanding contributions in all aspects of gastroenterology throughout his career with great impact on our training programs over the last 5 years; and 2. **Bob Meyer, M.D.** whose 25 years here in the Division of General Internal Medicine have transformed patient care and training in both the ambulatory and in-patient arenas through leadership, education and example. We wish them both well and I can't thank them enough for everything they have done. We will miss them.

Also, thank you to **Debbie Dimanche** who is leaving us after 10 years as the Division Administrator of the Division of Gastroenterology and Hepatology.

Finally, next week we welcome our new 45 interns to campus for orientation before they start the following week. Please take the time to welcome them to our campus.

All the best to everyone for the summer months!

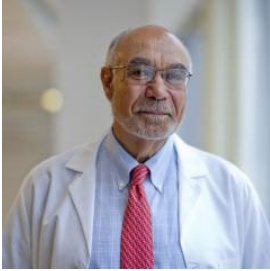
Tony

Anthony Hollenberg, M.D.
Sanford I. Weill Chair

News

Physician-Scientists in the Weill Department of Medicine Inducted into ASCI and AAP

The WDOM congratulates four of its physician-scientists who have recently been inducted into top-tier medical societies: Dr. Longman and Dr. Schwartz (ASCI); Dr. Fins and Dr. Rafii (AAP). [Read more](#)



WDOM Congratulates Dr. Jean Pape on Election to the American Academy of Arts and Sciences

GHESKIO founder and the Howard and Carol Holtzmann Professor in Clinical Medicine, Dr. Jean Pape has been elected to the American Academy of Arts and Sciences. [Read more](#)



Dr. Joseph J. Fins Honored at Wesleyan's 190th Commencement: Honorary Doctor of Humane Letters

Dr. Joseph J. Fins, Chief, Division of Medical Ethics, WDOM, was honored at Wesleyan's 190th Commencement as an Honorary Doctor of Humane Letters. [Read more](#)

WDOM Faculty Honored with Teaching Awards at Commencement 2022

The WDOM congratulates its faculty who received teaching awards at the Weill Cornell Medicine Class of 2022 commencement ceremony held on May 19, 2022. [Read more](#)



Dr. Desai Receives Ritu Banga Healthcare Disparities Research Award at Weill Cornell's Celebration of Diversity Event

The award recognizes the tremendous research conducted by WCM investigators to improve the health of underrepresented minorities and/or to reduce health disparities. [Read more](#)

Fund for the Future (FFF) Awards Announced: Advancing Research Careers of Junior Faculty

The Weill Department of Medicine has announced five winners who will receive Fund for the Future (FFF) awards. [Read more](#)



Dr. Roboz and Patient Delia Ephron Interviewed on CBS News Sunday Morning: Leukemia, Loss, and Love

Interviewed by Dr. Jonathan LaPook of CBS News's Sunday Morning, Dr. Gail Roboz's patient, Delia Ephron, shared her experiences after learning she had leukemia in 2017. [Read more](#)

News Flashes

- Congratulations to WDOM faculty who recently received a promotion:
Doron Betel, Ph.D., Associate Professor of Computational Biomedicine in Medicine, Division of Hematology and Medical Oncology
Parag Goyal, M.D., Associate Professor of Medicine, Division of General Internal Medicine (secondary appointment: Division of Cardiology)
Jessica M. Pena, M.D., Associate Professor of Clinical Medicine, Division of Cardiology
Matthew Spector Simon, M.D., Associate Professor of Clinical Medicine, Division of Infectious Diseases
Joe Qiao Zhou, Ph.D., Associate Professor of Regenerative Medicine in Medicine, Division of Regenerative Medicine
- The WDOM congratulates **Dr. David Artis** on receiving the [2022 ICIS-BioLegend William E. Paul Award](#). Dr. Artis received the prestigious award along with Dr. Wanjun Chen for their “combined contributions to unraveling the exciting and important biology of cytokines,” and it was noted that Dr. Artis’ research “has pushed the boundaries of conventional approaches to immune defenses, and elucidated the important role of cytokines in host defenses at the barrier surfaces of the gut, skin, and lungs.” Dr. Artis is the Michael Kors Professor of Immunology, Director of the Jill Roberts Institute for Research in Inflammatory Bowel Disease, and Director of the Friedman Center for Nutrition and Inflammation.
- WDOM congratulates **Dr. Ashley Beecy**, Assistant Professor of Medicine, Division of Cardiology, and **Dr. Trent Collier**, Assistant Professor of Clinical Medicine, Division of General Internal Medicine, who will be serving as fellows in the Wolk Healthcare Leadership Fellowship.
- The WDOM congratulates Dr. Lisa Kern, Associate Professor of Medicine, Division of General Internal Medicine, on receiving a Demonstration Projects Program Cycle 2 Award for her project, *Improving How People Living with Dementia are Selected for Care Coordination: Pragmatic Clinical Trial Embedded in an Accountable Care Organization*. This award is given by the NIA Impact Collaboratory as part of its IMPACT Demonstration Projects Program.

Research Paper Highlights

Cardiology

Lilja-Cyron A, Bang CN, Gerdt E, Larstorp AC, Kjeldsen SE, Julius S, Okin PM, Wachtell K, Devereux RB. Aortic Root Dilatation in Hypertensive Patients with Left Ventricular Hypertrophy-Application of A New Multivariate Predictive Model. The Life Study. *Rev Cardiovasc Med*. 2022 Mar 10;23(3):95. doi: 10.31083/j.rcm2303095. PMID: 35345262.

Sciria CT, Kogan EV, Ip JE, Thomas G, Liu CF, Markowitz SM, Lerman BB, Kim LK, Cheung JW. Trends and Outcomes of Catheter Ablation of Ventricular Tachycardia in Patients With Ischemic and Nonischemic Cardiomyopathy. *Circ Arrhythm Electrophysiol*. 2022 Apr;15(4):e010742. doi: 10.1161/CIRCEP.121.010742. Epub 2022 Mar 28. PMID: 35343757.

Endocrinology, Diabetes & Metabolism

Weiner A, Nichols P, Rahming V, Gopalakrishnamoorthy M, Oberfield SE, Fennoy I. Severe Symptomatic Vitamin D Deficiency During COVID-19 "Stay at-Home-Orders" in New York City. *Glob Pediatr Health*. 2022 Mar 29;9:2333794X221086466. doi: 10.1177/2333794X221086466. PMID: 35372639; PMCID: PMC8969494.

Tchang BG, Morrison C, Kim JT, Ahmed F, Chan KM, Alonso LC, Aronne LJ, Shukla AP. Weight Loss Outcomes With Telemedicine During COVID-19. *Front Endocrinol (Lausanne)*. 2022 Mar 10;13:793290. doi: 10.3389/fendo.2022.793290. PMID: 35360066; PMCID: PMC8960113. **[Comprehensive Weight Control Center]**

Saunders KH, Igel LI, Aronne LJ. Telemedicine could be the solution to scaling obesity treatment. *Obesity (Silver Spring)*. 2022 Mar;30(3):573-574. doi: 10.1002/oby.23391. PMID: 35195365. **[Comprehensive Weight Control Center]**

Gastroenterology & Hepatology

Battat R, Galati JS, Lukin D, Chabouni F, Sockolow R, Carter J, Fajardo K, Yang S, Reich J, Jacobs V, Abramowitz M, Kumar A, Christos P, Longman RS, Burakoff R, Simone L, Sapir T, Crawford CV, Scherl EJ. A Quality Improvement Initiative Is Associated With Reduced Time to Administer Biologics and Small Molecules and Emergency Room Visits in Inflammatory Bowel Disease. *J Clin Gastroenterol*. 2022 Mar 1;56(3):e176-e182. doi: 10.1097/MCG.0000000000001535. PMID: 35180182; PMCID: PMC8857509.

Gómez-Salineró JM, Izzo F, Lin Y, Houghton S, Itkin T, Geng F, Bram Y, Adelson RP, Lu TM, Inghirami G, Xiang JZ, Lis R, Redmond D, Schreiner R, Rabbany SY, Landau DA, Schwartz RE, Rafii S. Specification of fetal liver endothelial progenitors to functional zoned adult sinusoids requires c-Maf induction. *Cell Stem Cell*. 2022 Apr 7;29(4):593-609.e7. doi: 10.1016/j.stem.2022.03.002. Epub 2022 Mar 31. PMID: 35364013.

Li XV, Leonardi I, Putzel GG, Semon A, Fiers WD, Kusakabe T, Lin WY, Gao IH, Doron I, Gutierrez-Guerrero A, DeCelle MB, Carriche GM, Mesko M, Yang C, Naglik JR, Hube B, Scherl EJ, Iliev ID. Immune regulation by fungal strain diversity in inflammatory bowel disease. *Nature*. 2022 Mar;603(7902):672-678. doi: 10.1038/s41586-022-04502-w. Epub 2022 Mar 16. PMID: 35296857. **[Jill Roberts Institute]**

Moretti J, Jia B, Hutchins Z, Roy S, Yip H, Wu J, Shan M, Jaffrey SR, Coers J, Blander JM. Caspase-11 interaction with NLRP3 potentiates the noncanonical activation of the NLRP3 inflammasome. *Nat Immunol*. 2022 Apr 29. doi: 10.1038/s41590-022-01192-4. Epub ahead of print. PMID: 35487985. **[Jill Roberts Institute]**

General Internal Medicine

Asgary R, Beideck E, Naderi R. Diabetes care and its predictors among persons experiencing homelessness compared with domiciled adults with diabetes in New York City; An observational study. *EClinicalMedicine*. 2022 Apr 28;48:101418. doi: 10.1016/j.eclinm.2022.101418. PMID: 35516444; PMCID: PMC9062666.

Ghosh AK, Ibrahim S, Lee J, Shapiro MF, Ancker J. Comparing Hospital Length of Stay Risk-Adjustment Models in US Value-Based Physician Payments. *Qual Manag Health Care*. 2022 Apr 4. doi: 10.1097/QMH.0000000000000363. Epub ahead of print. PMID: 35383715.

Sterling MR, Cené CW, Ringel JB, Avgar AC, Kent EE. Rural-urban differences in family and paid caregiving utilization in the United States: Findings from the Cornell National Social Survey. *J Rural Health*. 2022 Mar 30. doi: 10.1111/jrh.12664. Epub ahead of print. PMID: 35355330.

Yan LD, Lookens Pierre J, Rouzier V, Théard M, Apollon A, St Preux S, Kingery JR, Jamerson KA, Deschamps M, Pape JW, Safford MM, McNairy ML. Comparing six cardiovascular risk prediction models in Haiti: implications for identifying high-risk individuals for primary prevention. *BMC Public Health*. 2022 Mar 19;22(1):549. doi: 10.1186/s12889-022-12963-x. PMID: 35305599; PMCID: PMC8933947. **[Center for Global Health]**

Geriatrics & Palliative Medicine

Riffin C, Griffin JM, Brody L, Wolff JL, Pillemer KA, Adelman RD, Bangerter LR, Starks SM, Falzarano F, Villanigro-Santiago M, Veney L, Czaja SJ. Engaging and Supporting Care Partners of Persons With Dementia in Health-Care Delivery: Results From a National Consensus Conference. *Public Policy Aging Rep*. 2022 Apr 25;32(2):58-65. doi: 10.1093/ppar/prac004. PMID: 35607366; PMCID: PMC9118070.

Hematology & Medical Oncology

Sugita M, Galetto R, Zong H, Ewing-Crystal N, Trujillo-Alonso V, Mencia-Trinchant N, Yip W, Filipe S, Lebuhotel C, Gouble A, Hassane DC, Smith J, Roboz GJ, Guzman ML. Allogeneic TCR $\alpha\beta$ deficient CAR T-cells targeting CD123 in acute myeloid leukemia. *Nat Commun*. 2022 Apr 28;13(1):2227. doi: 10.1038/s41467-022-29668-9. PMID: 35484102; PMCID: PMC9050731.

Leung W, Teater M, Durmaz C, Meydan C, Chivu AG, Chadburn A, Rice EJ, Muley A, Camarillo JM, Arivalagan J, Li Z, Flowers CR, Kelleher NL, Danko CG, Imielinski M, Dave SS, Armstrong SA, Mason CE, Melnick AM. SETD2 haploinsufficiency enhances germinal center-associated AICDA somatic hypermutation to drive B cell lymphomagenesis. *Cancer Discov*. 2022 Apr 20:candisc.1514.2021. doi: 10.1158/2159-8290.CD-21-1514. Epub ahead of print. PMID: 35443279.

Roboz GJ, Ravandi F, Wei AH, Dombret H, Thol F, Voso MT, Schuh AC, Porkka K, La Torre I, Skikne B, Zhong J, Beach CL, Risueño A, Menezes DL, Ossenkoppele G, Döhner H. Oral azacitidine prolongs survival of patients with AML in remission independently of measurable residual disease status. *Blood*. 2022 Apr 7;139(14):2145-2155. doi: 10.1182/blood.2021013404. PMID: 34995344.

Infectious Diseases

Eckhardt B, Mateu-Gelabert P, Aponte-Melendez Y, Fong C, Kapadia S, Smith M, Edlin BR, Marks KM. Accessible Hepatitis C Care for People Who Inject Drugs: A Randomized Clinical Trial. *JAMA Intern Med.* 2022 May 1;182(5):494-502. doi: 10.1001/jamainternmed.2022.0170. PMID: 35285851; PMCID: PMC8922207.

Satlin MJ, Chen L, Gomez-Simmonds A, Marino J, Weston G, Bhowmick T, Seo SK, Sperber SJ, Kim AC, Eilertson B, Derti S, Jenkins SG, Levi MH, Weinstein MP, Tang YW, Hong T, Juretschko S, Hoffman KL, Walsh TJ, Westblade LF, Uhlemann AC, Kreiswirth BN. Impact of a Rapid Molecular Test for *Klebsiella pneumoniae* Carbapenemase and Ceftazidime-Avibactam Use on Outcomes after Bacteremia Caused by Carbapenem-Resistant Enterobacterales. *Clin Infect Dis.* 2022 May 6:ciac354. doi: 10.1093/cid/ciac354. Epub ahead of print. PMID: 35522019.

Segal-Maurer S, DeJesus E, Stellbrink HJ, Castagna A, Richmond GJ, Sinclair GI, Siripassorn K, Ruane PJ, Berhe M, Wang H, Margot NA, Dvory-Sobol H, Hyland RH, Brainard DM, Rhee MS, Baeten JM, Molina JM; CAPELLA Study Investigators. Capsid Inhibition with Lenacapavir in Multidrug-Resistant HIV-1 Infection. *N Engl J Med.* 2022 May 12;386(19):1793-1803. doi: 10.1056/NEJMoa2115542. PMID: 35544387.

Medical Ethics

Shulman KS, Fins JJ. Before The Birth of Bioethics: James M. Gustafson at Yale. *Hastings Cent Rep.* 2022 Mar;52(2):21-31. doi: 10.1002/hast.1352. PMID: 35476357.

Fins JJ, Vernaglia JS. José Manuel Rodríguez Delgado, Walter Freeman, and Psychosurgery: A Study in Contrasts. *Neuroscientist.* 2022 Apr 13:10738584221086603. doi: 10.1177/10738584221086603. Epub ahead of print. PMID: 35414307.

Kolbe L, de Melo-Martin I. Moral Distress: What Are We Measuring? *Am J Bioeth.* 2022 Mar 9:1-13. doi: 10.1080/15265161.2022.2044544. Epub ahead of print. PMID: 35262470.

Nephrology & Hypertension

Tita AT, Szychowski JM, Boggess K, Dugoff L, Sibai B, Lawrence K, Hughes BL, Bell J, Aagaard K, Edwards RK, Gibson K, Haas DM, Plante L, Metz T, Casey B, Esplin S, Longo S, Hoffman M, Saade GR, Hoppe KK, Foroutan J, Tuuli M, Owens MY, Simhan HN, Frey H, Rosen T, Palatnik A, Baker S, August P, Reddy UM, Kinzler W, Su E, Krishna I, Nguyen N, Norton ME, Skupski D, El-Sayed YY, Ogunyemi D, Galis ZS, Harper L, Ambalavanan N, Geller NL, Oparil S, Cutter GR, Andrews WW; Chronic Hypertension and Pregnancy (CHAP) Trial Consortium. Treatment for Mild Chronic Hypertension during Pregnancy. *N Engl J Med.* 2022 May 12;386(19):1781-1792. doi: 10.1056/NEJMoa2201295. Epub 2022 Apr 2. PMID: 35363951.

Tymeczyk O, Deschamps MM, Rouzier V, McNairy ML, Peck RN, Malha L, Macius Y, Fitzgerald DW, Pape JW, Nash D. Estimated blood pressure trajectories and hypertension patterns among pregnant women living with HIV, Haiti, 2007-2017. *J Clin Hypertens (Greenwich).* 2022 Mar;24(3):237-245. doi: 10.1111/jch.14432. Epub 2022 Feb 7. PMID: 35129266; PMCID: PMC8925004.

Lubetzky M, Zhao Z, Sukhu A, Sharma V, Sultan S, Kapur Z, Albakry S, Craig-Schapiro R, Lee JR, Salinas T, Aull M, Kapur S, Cushing M, Dadhania DM. Characteristics of natural immunity to SARS-CoV-2 over time in wait-listed dialysis patients and recent kidney transplant recipients. *Nephrol Dial Transplant.* 2022 Mar 22:gfac132. doi: 10.1093/ndt/gfac132. Epub ahead of print. PMID: 35323982.

Pulmonary & Critical Care Medicine

Lee J, White E, Freiheit E, Scholand MB, Strek ME, Podolanczuk AJ, Patel NM; Pulmonary Fibrosis Foundation. Cough-Specific Quality of Life Predicts Disease Progression Among Patients With Interstitial Lung Disease: Data From the Pulmonary Fibrosis Foundation Patient Registry. *Chest*. 2022 Mar 23:S0012-3692(22)00545-1. doi: 10.1016/j.chest.2022.03.025. Epub ahead of print. PMID: 35337809.

Summers BD, Kim K, Clement CC, Khan Z, Thangaswamy S, McCright J, Maisel K, Zamora S, Quintero S, Racanelli AC, Redmond D, D'Armiento J, Yang J, Kuang A, Monticelli L, Kahn ML, Choi AMK, Santambrogio L, Reed HO. Lung lymphatic thrombosis and dysfunction caused by cigarette smoke exposure precedes emphysema in mice. *Sci Rep*. 2022 Mar 23;12(1):5012. doi: 10.1038/s41598-022-08617-y. PMID: 35322079; PMCID: PMC8943143.

Krishnan JK, Ancy KM, Oromendia C, Hoffman KL, Easthausen I, Leidy NK, Han MK, Bowler RP, Christenson SA, Couper DJ, Criner GJ, Curtis JL, Dransfield MT, Hansel NN, Iyer AS, Paine Iii R, Peters SP, Wedzicha JA, Woodruff PG, Ballman KV, Martinez FJ; SPIROMICS Investigators. Characterizing COPD Symptom Variability in the Stable State Utilizing the Evaluating Respiratory Symptoms in COPD Instrument. *Chronic Obstr Pulm Dis*. 2022 Apr 29;9(2):195-208. doi: 10.15326/jcopdf.2021.0263. PMID: 35403414.

Rheumatology

Onel KB, Horton DB, Lovell DJ, Shenoi S, Cuello CA, Angeles-Han ST, Becker ML, Cron RQ, Feldman BM, Ferguson PJ, Gewanter H, Guzman J, Kimura Y, Lee T, Murphy K, Nigrovic PA, Ombrello MJ, Rabinovich CE, Teshler M, Twilt M, Klein-Gitelman M, Barbar-Smiley F, Cooper AM, Edelheit B, Gillispie-Taylor M, Hays K, Mannion ML, Peterson R, Flanagan E, Saad N, Sullivan N, Szymanski AM, Trachtman R, Turgunbaev M, Veiga K, Turner AS, Reston JT. 2021 American College of Rheumatology Guideline for the Treatment of Juvenile Idiopathic Arthritis: Therapeutic Approaches for Oligoarthritis, Temporomandibular Joint Arthritis, and Systemic Juvenile Idiopathic Arthritis. *Arthritis Rheumatol*. 2022 Apr;74(4):553-569. doi: 10.1002/art.42037. Epub 2022 Mar 1. PMID: 35233993.

Chukir T, Haseltine K, Do H, McMahon DJ, Russell L, Stein EM. Clinical Characteristics and Fracture Patterns Among Postmenopausal Women with Isolated Osteoporosis at the Forearm. *J Clin Densitom*. 2022 Apr-Jun;25(2):208-214. doi: 10.1016/j.jocd.2021.07.012. Epub 2021 Aug 13. PMID: 34511326.

Kasturi S, Price LL, LeClair A, Patel N, Shetty S, Sheira D, Weber S, Curtis D, Nowell WB, Salmon J, Terrin N, McAlindon TE, Mandl LA. Clinical integration of patient-reported outcome measures to enhance the care of patients with SLE: a multi-center prospective cohort study. *Rheumatology (Oxford)*. 2022 Mar 31:keac200. doi: 10.1093/rheumatology/keac200. Epub ahead of print. PMID: 35357445.

Suzanne Ross

Associate Director of Communications
Weill Department of Medicine
Weill Cornell Medical College
suross@med.cornell.edu
