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Dean's Research Newsletter, November 2023

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Dear NYMC Community,

I am pleased to share with you the latest issue of the SOM research newsletter, highlighting just some of the important research advances by faculty, residents, and students, as well as the significant grants that were received in support of research in numerous areas, including pediatric cancer, Long COVID, Alzheimer's disease, and obesity-related disease.

It is clear to me, and I hope to you as well, in reading about these successes that NYMC is making a real impact in patient's lives by identifying potential new treatments for disease and pathways of scientific investigation to further explore that have the potential to positively impact the outcomes for patients and improve the overall health of society as a whole, not just locally but nationally and internationally.

As we celebrate the holidays, I am incredibly grateful to each and every one of you for the great work that you do and for your commitment to NYMC, and I look forward to the successes yet to come by both NYMC faculty and our students and residents as they embark on their careers.

Sincerely,

Neil W. Schluger, M.D.
Dean of the School of Medicine
Professor of Medicine



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Key Discovery Could Offer Hope in Fight Against Alzheimer's Disease

As of 2020, approximately 5.8 million Americans suffer from Alzheimer's disease but recent groundbreaking research may provide hope to better understand and potentially prevent this devastating condition. The study led by researchers at NYMC and Eastern Virginia Medical School and published in *Nature Communications Biology* has unveiled a crucial link between diet, inflammation and



Alzheimer's disease, shedding light on potential pathways for intervention.

"Inflammation in the brain is a critical force in the generation and progression of Alzheimer's disease. The Western diet, which is high in fat and cholesterol, can further increase this inflammation. We found that preventing a certain protein from activating genes that cause inflammation can protect the brain from the effects of the Western diet. This discovery offers the incredibly exciting prospect of new treatments that may slow or even stop Alzheimer's disease in its tracks," said **Patric K. Stanton, Ph.D.**, professor of cell biology and

anatomy and of neurology.

According to the study, which was supported by a grant from the National Institutes of Health, there is a well-known association between diabetes, metabolic syndrome, and an increased risk of cognitive dysfunction and Alzheimer's disease. Diabetes, in particular, can lead to atherosclerosis and vascular inflammation, which are thought to trigger Alzheimer's disease in susceptible individuals. The Western diet is a major cause of metabolic issues. [Read the full story on the Alzheimer's disease study.](#)

Long COVID Patients at Greater Risk for Anxiety and PTSD

The mental health toll of Long COVID is increasingly coming to light. A new study published in *Frontiers in Psychiatry* by NYMC faculty and alumni revealed high rates of anxiety and post-traumatic stress disorder (PTSD) among Long COVID patients – even in those who had initially experienced mild to moderate illness.

"We found substantial psychiatric impact after acute COVID-19, with one in three suffering clinically significant anxiety months later and 29 percent meeting the criteria for PTSD," said **Stephen Ferrando, M.D.**, the Har Esh Professor and Chair of the Department of Psychiatry and Behavioral Sciences and lead author of the study.

The study underscores the need for further mental health screening and support. [Read the full story on the long COVID study.](#)

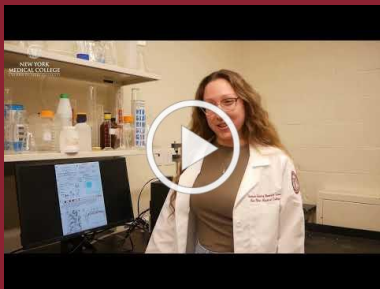


Study Finds Racial Disparities in Postoperative Outcomes for Cervical Stenosis



Significant racial disparities were found to exist in the trajectory of cervical stenosis (CS), a spinal pathology, with Black and Hispanic patients more likely to experience more serious functional and quality-of-life impairments according to a new study published in the *North American Spine Society Journal* by NYMC faculty and medical students.

"Approximately 80 to 90 percent of adults over age 50 show signs of degenerative disc disease with the most severe cases leading to debilitating repercussions, including numbness, loss of dexterity, balance issues, myelopathies, and neuropathies," said **Ankita Das**, SOM Class of 2024, the lead author on the study. "Yet despite the proven cost-effectiveness, safety, and success of anterior cervical discectomy and fusion in managing symptomatic patients, these remarkable advancements haven't translated into equitable access or outcomes across all patient populations." [Read the full story on the cervical stenosis study.](#)



Victor G. Garcia, Ph.D. '15, assistant professor of pharmacology, and GSBMS **Ph.D. students Danielle D. and Alexandra W.** explain the research on the development of a receptor blocker for 20-HETE's receptor, GPR75, aimed at preventing diet-induced weight gain.



Eva Chorna, SOM Class of 2024, and her researcher team analyzed the ways people used Twitter to share information around obstetrics and gynecology and the types of users sharing information, and sometimes even misinformation.



As the threat of tick-borne illnesses is on the rise in Westchester and all over the nation, **Paul Arnaboldi, Ph.D.**, assistant professor of pathology, microbiology, and immunology, and his team of researchers analyze ways to improve serological tests for Lyme disease.

Dr. Mitchell Cairo Awarded Major Grants for Cancer Research

\$2.6 Million Grant from Department of Defense Will Support Pediatric Cancer Research

The prognosis of children, adolescents, and young adults with relapsed T-cell acute lymphoblastic leukemia and lymphoblastic lymphoma is dismal with less than a 25 percent overall survival, in large part due to mechanisms of chemoradiotherapy resistance. The few who survive require an allogeneic stem cell transplant, however, may still relapse after the treatment. **Mitchell Cairo, M.D.**, professor of pediatrics, cell biology and anatomy, medicine, and of pathology, microbiology, and immunology, has been awarded a Department of Defense Translational Team Science Award of \$2.6 million over four years to conduct a national translational study to improve patient outcomes by determining the mechanisms associated with resistance and developing and implementing novel immunotherapy to circumvent resistance. [Read the full story on the grant from the Department of Defense.](#)



\$1.5 Million Grant Will Combat Osteosarcoma

Osteosarcoma is one of the most common pediatric bone cancers affecting children, adolescents, and young adults, with chances of survival of just 20 percent once the cancer has recurred or spread beyond the bone. To help combat this dismal statistic, Dr. Cairo will lead a team of researchers in a study to develop a novel immunotherapy approach to circumvent resistance to treatment and increase the overall survival rate in those with osteosarcoma. The study is supported by a \$1.5 million Helping Osteosarcoma Patients Everywhere (HOPE) grant from St. Baldrick's Foundation, in partnership with five additional funders. [Read the full story on the HOPE grant.](#)

Dr. Michal Schwartzman Awarded \$2.2 Million Grant for Research on Obesity-driven Cardiovascular and Metabolic Diseases

Michal Laniado Schwartzman, Ph.D., professor and chair of the Department of Pharmacology, professor of medicine, and associate professor of ophthalmology, has been awarded a \$2,268,684 four-year grant from the National Heart, Lung, and Blood Institute to work



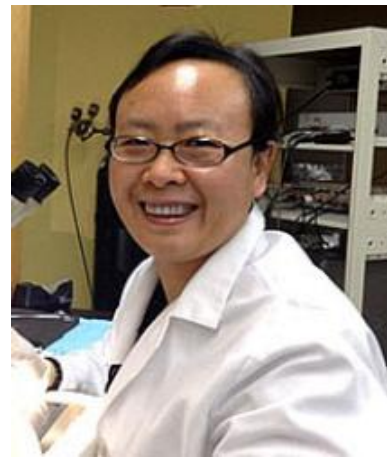
to identify the cellular mechanisms that link activation of the G-protein-coupled receptor 75 (GPR75) gene to obesity-driven metabolic and cardiovascular complications.

“Obesity is now considered a worldwide epidemic and a risk factor for insulin resistance, diabetes, cardiovascular diseases, liver disease, and immunological/infectious diseases, such as COVID-19. Our recent findings identified GPR75 and its ligand, the lipid mediator 20-hydroxyeicosatetraenoic acid, as significant contributors to obesity and its associated cardiovascular and metabolic complications. Understanding the mechanisms by which activation of GPR75 leads to exacerbation of diet-driven adiposity, insulin resistance, and vascular dysfunction will lead to novel therapeutics to treat obesity and its associated complications.” [Read the full story on the NIH grant.](#)

\$2 Million Grant Awarded to Daohong Lin, Ph.D., Supports Vital Kidney Regulating

Daohong Lin, Ph.D., assistant professor of pharmacology, has been awarded a \$2,050,000 grant from National Institutes of Health to explore the role of the renal potassium channel in handling K homeostasis.

The kidney is important for salt handling and maintaining sodium, potassium and other electrolytes' homeostasis. High salt intake increases vascular tone and leads to elevated blood pressure and hypertension. Dr. Lin's work has demonstrated that the deletion of Kir5.1 abolishes the inhibitory effect of high K⁺ intake on sodium-chloride cotransporter and impairs the renal ability of K⁺ excretion during increased dietary K⁺ intake. [Read the full story on Dr. Li's grant.](#)



Grants Corner

Hasan Ahmad, M.D., clinical associate professor of medicine, received a \$575,823 grant from Novartis Pharmaceuticals for "A Randomized Double-blind, Placebo-Controlled, Multicenter Trial, Assessing the Impact of Inclisiran on Major Adverse Cardiovascular Events in Participants with Established Cardiovascular Disease (VICTORION-2 PREVENT)" and a \$50,000 grant from Novartis Pharmaceuticals for "A Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Phase IIIb Study Evaluating the Effect of Inclisiran on Atherosclerotic Plaque Progression Assessed by Coronary Computed Tomography Angiography (CCTA) in Participants with a Diagnosis of Non-Obstructive Coronary Artery Disease Without Previous Cardiovascular Events (VICTORION-PLAQUE)."

Chandra Bakshi, D.V.M., Ph.D., professor of pathology, microbiology, and immunology, received a \$110,311 grant from Veralox Therapeutics for "Development of New Inhibitors to Treat Inflammatory Damage of COVID-19."

Matthew Bronstein, M.D., clinical assistant professor of surgery, received a \$39,697 grant from Regeneron for "Profiling of Plasma Before and After Anticoagulant Therapy in Patients Diagnosed with Venous Thromboembolism (VTE)."

Mitchell Cairo, M.D., professor of pediatrics, cell biology and anatomy, medicine, and of pathology, microbiology, and immunology, received a \$250,000 grant from Alex's Lemonade Stand Foundation for "Circumventing Pediatric Solid Tumor Microenvironment Resistance by Combinatorial CAR NK and Immunomodulating Therapy" and a \$195,000 grant from Janssen for "NYMC-598, A Phase II Trial of Targeted Immunotherapy with Daratumumab Following Myeloablative Total Body Irradiation (TBI)-Based Conditioning and Allogeneic Hematopoietic Cell Transplantation in Children, Adolescents and Young Adults with High-Risk T-Cell Acute Lymphoblastic Leukemia and Lymphoma (T ALL/T LLY) (ALLO-T-DART) (NCT04972942)."

Dipak Chandy, M.D., professor of medicine and of neurology, received a \$3,601 grant from Veracyte, Inc. for "Nightingale: Clinical Utility of Management of Patients with CT and LDCT Identified Pulmonary Nodules Using the Percepta Nasal Swab ClassifiEr-with Familiarization."

Allen Dozor, M.D., professor of pediatrics, received a \$253,424 grant from the Cystic Fibrosis Foundation for "Strength and Muscle Related Outcomes for Nutrition and Lung Function in CF (STRONG-CF)."

Abdelfattah El Ouaamari, Ph.D., associate professor of cell biology and anatomy and of pharmacology, received a \$475,273 grant from the NIH for "Sensory Neuromodulation of Pancreatic Beta Cells."

Nicholas Ferreri, Ph.D., professor of pharmacology, received \$105,585 in grants from NIH for "Regulation of NKCC2 Isoforms and Blood Pressure by Tumor Necrosis Factor-alpha."

Mitchell Fraiman, M.D., clinical assistant professor of urology, received a \$342,329 grant from Francis Medical, Inc. for "Prospective, Multicenter Single-Arm Study of Vanquish Water Vapor Ablation for Prostate Cancer."

Simon Hanft, M.D., associate professor of neurosurgery, received a \$239,900 grant from Imvax, Inc./Medpace Clinical Research, LLC, for "A Randomized, Multicenter, Double-Blind, Placebo-Controlled, Phase 2b Study to Assess the Safety and Efficacy of IGV-001, an Autologous Cell Immunotherapy With Antisense Oligonucleotide (IMV-001) Targeting IGF-1R, in Newly Diagnosed Patients With Glioblastoma."

Kristina Harris-Petersen, Ph.D., associate professor of biochemistry and molecular biology, received a \$5,000 grant from Altus Assessments/Acuity Insights for "Do Accommodated and Non-Accommodated US-Medical Student Applicants Perform Comparably Across Admission Metrics?"

Diwakar Jain, M.D., professor of medicine, received a \$34,961 grant from Amgen, Inc. for "A Double-Blind, Randomized, Placebo-Controlled, Multicenter Study Assessing the Impact of Olpasiran on Major Cardiovascular Events in Patients with Atherosclerotic Cardiovascular Disease and Elevated Lipoprotein."

Sankaran Krishnan, M.D., associate professor of pediatrics, received a \$174,674 grant from AstraZeneca Pharmaceuticals for "A Phase 2, Randomised, Double-Blind, Placebo and Active Comparator-Controlled Study to Assess Efficacy and Safety of Multiple Dose Levels of AZD5718 Given Orally Once Daily for Twelve Weeks in Adults with Moderate-to-Severe Uncontrolled Asthma" and a \$97,140 grant from Areteia Therapeutics for "A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Assess the Efficacy, Safety, and Tolerability of Dexpramipexole Administered Orally for 24 Weeks in Participants with Eosinophilic Asthma (EXHALE-4)."

Delong Liu, M.D., Ph.D., professor of medicine, received a \$132,189 grant from IQVIA RDS, Inc. for A Phase 3 Open Label, Randomized Study of Pirtobrutinib (LOXO-305) Versus Ibrutinib in Patients with Chronic Lymphocytic Leukemia/Small Lymphocytic Lymphoma (BRUIN-CLL-314)."

Romeo Mateo, M.D., assistant professor of surgery, received a \$218,928 grant from LeMaitre Vascular, Inc., for "Post-Market Registry in Europe and US for the Use of Vascel."

Stephen Mayer, M.D., professor of neurology and of neurosurgery, received a \$447,250 grant from Trustees of Columbia University for "Stroke Trials Network of Columbia and Cornell."

Srihari Naidu, M.D., professor of medicine, received a \$398,600 grant from Bristol Myers Squibb Company for "Observational Study Protocol CV027-012 Deliver Insights in Hypertrophic Cardiomyopathy and Observational Outcomes in Real World (DISCOVER-HCM): United States Prospective Registry Study" and a \$192,711 grant from Myokardia, Inc., for "Clinical Protocol CV027031-A Randomized, Double-Blind, Placebo-Controlled Clinical Study to Evaluate Mavacamten in Adults with Symptomatic Non-Obstructive Hypertrophic Cardiomyopathy."

Suguru Ohira, M.D., clinical associate professor of surgery, received a \$50,000 grant from TransMedics, Inc., for "Sponsor-Initiated OCS Heart Perfusion (OHP-II) Registry."

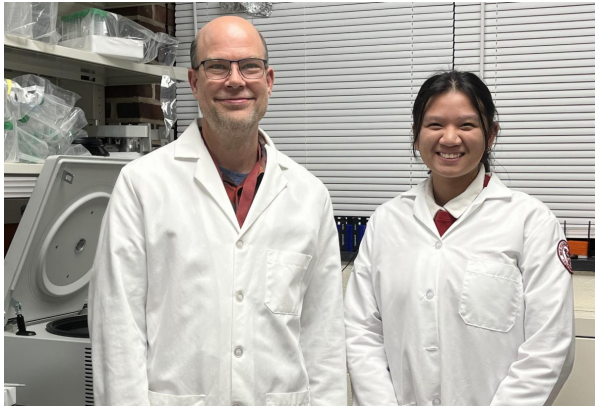
Tana Pradhan, D.O., clinical associate professor of obstetrics and gynecology, received a \$19,292 grant from K-Group Beta Inc./GOG Foundation for "A Phase 2 Open-Label, Multicenter Study to Evaluate Efficacy and Safety of ZN-C3 in Adult Women with Recurrent or Persistent Uterine Serous Carcinoma."

Patric K. Stanton, Ph.D., professor of cell biology and anatomy and of neurology, received a \$50,294 Innovative Intramural Research Grant from Touro University/Lovelace Biomedical Research Institute for "Photobiomodulation Therapy as a New Noninvasive Treatment to Enhance Brain Repair after Traumatic Brain Injury."

Libor Velisek, M.D., Ph.D., professor of cell biology and anatomy, pediatrics, and of neurology, received a \$12,219 grant from Emerald Gate Trust for "Processing Biofield-Exposed Mouse EEG."

John Welter, M.D., assistant professor of pediatrics, received a \$112,954 grant from Armata Pharmaceuticals, Inc., for "A Phase 2, Multi-Center, Double-Blind, Randomized, Placebo-Controlled Study to Evaluate the Safety, Phage Kinetics, and Efficacy of Inhaled AP-PA02 Multi-Phage Therapeutic in Subjects with Non-Cystic Fibrosis Bronchiectasis and Chronic Pulmonary Pseudomonas aeruginosa"

NYMC Professor Mentors High School Student to Lead Author Success



Keishanne Bernal, a senior at Westlake High School in Thornwood, New York, is now a published author of her first scientific study, as a result of the mentorship of **Christopher Whitehurst, Ph.D.**, assistant professor of pathology, microbiology, and immunology and of biochemistry and molecular biology at NYMC. The study, which was conducted at NYMC last summer and published in *Virus Research* in September 2023, explores the increased incidence of Epstein-Barr Virus (EBV) reactivation in COVID-19 patients.

“From our earliest meetings, Dr. Whitehurst expressed interest in helping me get published but it wasn’t until after we conducted the research, and I was writing up my paper in preparation for science fairs that I realized that a publication was possible,” said Bernal, who has a particular interest in pharmacology and plans to pursue a career working as a scientist in the medical field developing treatments for diseases.

“Reactivation of EBV has been reported among the critically ill and in patients suffering from Long COVID and this reactivation is associated with complicating symptoms, including autoimmune disease, chronic fatigue syndrome, and various other malignancies,” said Dr. Whitehurst. “Our results suggest that infection with COVID-19 did reactivate EBV at a higher rate than for non-COVID patients, findings that can help guide treatment for COVID patients in the future.” [Read the full story on the EBV study.](#)

Neurology and Neurosurgery Departments Host Second Annual Neuroscience Research Symposium



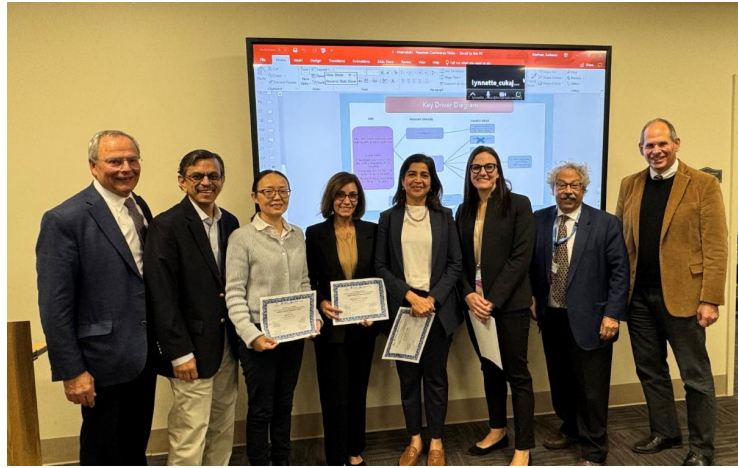
The Departments of Neurology and Neurosurgery hosted the Second Annual Neuroscience Research Symposium, in collaboration with Westchester Medical Center, on October 3 in the MEC. During the day-long symposium more than 40 faculty, students, and residents presented on a wide range of topics that explored advances in clinical and basic neuroscience and translational neuroscience.

The keynote address was presented by Olajide Williams, M.D., M.S., professor and vice chair of the Department of Neurology and vice dean of community health at Columbia University Vagelos College of Physicians and Surgeons, director of acute stroke services at New York-Presbyterian Hospital, and chief of staff/chief medical officer of neurology at Columbia University Irving Medical Center in New York City. A world-renowned leader in stroke disparities and community-based behavioral intervention research, Dr. Williams spoke on stroke outreach to under-resourced communities and the impact being made through the internationally recognized organization that he founded, Hip-Hop Health, which creates and implements public health interventions that target and engage young people in the health of their families and communities. [Read the full story on the Neuroscience Research Symposium.](#)

Department of Pediatrics Hosts Leonard Newman, M.D. '70, Assistant Professor

Research Symposium

The Second Annual Leonard Newman, M.D. '70, Assistant Professor Research Symposium on November 8, was an opportunity to showcase the outstanding research conducted by assistant professors in the Department of Pediatrics. The symposium, hosted by the Department of Pediatrics and Boston Children's Health Physicians and chaired by **Mitchell Cairo, M.D.**, professor of pediatrics, medicine, cell biology and anatomy, and of pathology, microbiology, and immunology and vice chair of the Department of Pediatrics, opened with oral presentations of the best basic, clinical, quality and translational research and concluded with later in the day with poster presentations.



Wen Luo, Ph.D., assistant professor of pediatrics, presented the best basic research abstract on targeting Ewing sarcoma; **Diane Lindsay-Adler, M.S., R.D.**, assistant professor of pediatrics, shared the best clinical research abstract on taste and smell sensitivity in children with obesity and asthma; **Meenakshi Singh, M.B.B.S.**, presented the best quality research abstract on the use of a standardized protocol to reduce sedation use for neonatal MRI studies; and **Allyson Flower, M.D.**, shared the best translational research abstract on the treatment of refractory adenovirus infections.

The event is named in honor of Dr. Newman, a pediatric gastroenterologist, who has served as professor and chair of the Department of Pediatrics since 1992. He is responsible for the highly successful development and enrichment of both the academic and scholarship components of the Department as well as supporting junior faculty in research and education.

Research Resource Corner

The following are helpful links to resources available to faculty and students in support of research.

- [Library Databases](#)
- [National Inpatient Sample Data Set Access](#)
- [Library Research Consultation Form](#)
- [Guide to Scholarly Publishing](#)
- [Systematic Review Guide](#)
- [Office of Research Administration](#)
- [Human Subject Research](#)
- [IRB Policies and Procedures](#)
- [Intramural Funding Opportunities](#)

Research Repository on LEO (*available to matriculated students*)

The Research Repository provides centralized access to numerous resources designed to assist students in all stages of their research endeavors — from locating a project and mentor to creating a plan for research productivity, to analyzing data and generating a scholarly product. Highlights of the site include a listing of prospective, NYMC-affiliated faculty mentors and resources for funding conference presentations. Current students can access the Research Repository by logging into LEO/LCMS+ and under "COURSES", search for: Yr999 - 2023-2024 - SOM - Research (RESEARCH).

Mentorship Propels Anaz Uddin on Successful Research Path

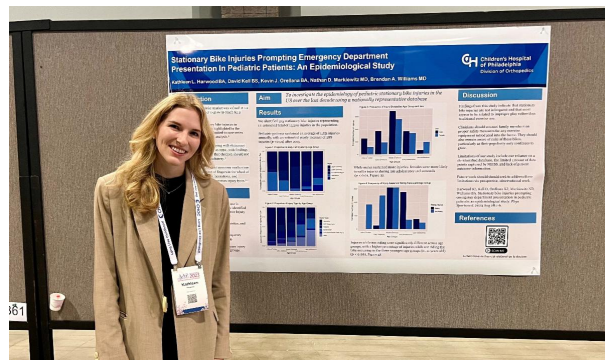
As a medical student at NYMC, **Anaz Uddin**, SOM Class of 2025, has had the opportunity to participate in approximately 40 research projects that have led to 12 publications to date in the Department of Neurosurgery on a wide range of topics. With a background in engineering, Uddin has served as the department's meta-analysis statistics specialist on many of the projects and credits the support of his faculty mentors and investigative collaborators, which include

NYMC faculty, students, and alumni, for his prolific research outcomes.

“All of my success in publishing research can be attributed to the support and guidance given to me by my mentors, especially Fawaz Al-Mufti, M.D., professor of neurology, neurosurgery, and of radiology, and the neurosurgery team at Westchester Medical Center [a major clinical affiliate of NYMC],” said Uddin, who is also a second lieutenant in the U.S. Army and enrolled in the Accelerated Interdisciplinary Biomedical Sciences M.S. Program at NYMC. “I am extremely grateful to all my co-authors who graciously allowed me to help with their projects and who all worked incredibly hard to publish these papers.” [Read the full story on Uddin’s research.](#)



Kathleen Harwood Lead Authors Publications in Sports Medicine



Kathleen Harwood, SOM Class of 2025, recently lead authored two publications in sports medicine. A study on rotator cuff injuries in pediatric patients was published in *Sports Health*, while a study on pediatric stationary bike injuries was published in *The Physician and Sports Medicine*. Harwood conducted the studies with researchers at the Children’s Hospital of Philadelphia Department of Orthopedics, where she worked as a research coordinator just prior to medical school and has continued the research throughout her time at NYMC. [Read the full story on Harwood’s research](#)

[studies.](#)

Dextran Provides No Benefit and Increases Risks After Carotid Endarterectomy

Dextran, a medication used during carotid endarterectomy (CEA) to mitigate the risk of embolism, was found to increase the risks of major adverse cardiac events without decreasing the risk of stroke, in a new study published by NYMC students and faculty in the *Annals of Vascular Surgery*. The retrospective analysis examined the records of more than patients who underwent CEA from 2008 to 2022.

“Several studies have shown the potential efficacy of dextran therapy to reduce an embolic risk in patients undergoing CEA. Yet dextran has been associated with adverse reactions, including anaphylaxis, hemorrhage, cardiac and renal complications,” said **Jessica McQuaid Moore, M.S.**, SOM Class of 2025, who served as lead author of the study. [Read the full story on the Dextran study.](#)



Martina Brozynski Nurtures Research Talents in Plastic and Reconstructive Surgery

Witnessing plastic surgeons performing breast reconstruction firsthand during her third-year surgery clerkship was pivotal for **Martina Brozynski**, SOM Class of 2024 – sparking her passion for plastic and reconstructive surgery. That enthusiasm has since led her to three



publications in plastic surgery, including as lead author on a study on medical malpractice litigation involving mandibular fractures in [FACE](#).

“I was drawn to plastic surgery for several reasons. Because it is not limited to one area of the body, there is a great case variety,” said Brozynski, who is currently in the process of applying to residencies in plastic and reconstructive surgery. “Plastic surgeons can fix and solve problems that other surgical subspecialties often cannot, especially regarding reconstructive procedures after cancer resection. And because the results of procedures performed by plastic surgeons are usually very visible, they must take function and aesthetic considerations into account when operating, which makes the job more challenging.” [Read the full story on Brozynski’s research.](#)

Faculty, Resident and Student Publications and Accolades

The following is a selection of recent publications by SOM faculty, residents and students. View the full list of [publications](#).

Leslie Citrome, M.D., M.P.H., clinical professor of psychiatry and behavioral sciences, published [“Prioritizing Treatment Goals of People Diagnosed with Bipolar I Disorder in the US: Best-Worst Scaling Results”](#) in *Patient Preference and Adherence* and [“Lemborexant and Daridorexant for the Treatment of Insomnia: An Indirect Comparison Using Number Needed to Treat, Number Needed to Harm, and Likelihood to Be Helped or Harmed”](#) in *The Journal of Clinical Psychiatry*.

Robert Fekete, M.D., associate professor of neurology, published [“The Role of Muscle Strength in the Sit-to-Stand Task in Parkinson’s Disease”](#) in *Parkinson’s Disease*.

Sachin Gupte, M.D., Ph.D., professor of pharmacology, published [“Survivin Regulates Intracellular Stiffness and Extracellular Matrix Production in Vascular Smooth Muscle Cells”](#) in *APL Bioengineering*.

Marina Holz, Ph.D., M.P.H. '23, dean of the GSBMS and professor of cell biology and anatomy, published [“Regulation of mRNA Translation by Estrogen Receptor in Breast Cancer”](#) in *Steroids*.

Justin Lapow, M.D. '23; **Antonio Lobao, M.D. '23**; **Jason Kreinces, M.D. '23**; **Jacob Feingold, M.D. '23**; **Alexis Carr**, SOM Class of 2025; **Timothy Sullivan**, SOM Class of 2024; **David Wellman, M.D.**, clinical assistant professor of orthopaedic surgery; and **David Asprinio, M.D.**, professor of clinical orthopaedic surgery, chair of Department of Orthopaedic Surgery, and professor of pharmacology, published [“Predictors of In-Hospital Surgical Site Infections in Surgically Managed Acetabular Fractures: A Nationwide Analysis”](#) in the *Journal of Orthopaedics*.

Aiden Lui, SOM Class of 2024; **Eric Feldstein, M.D. '21**; **Kevin Clare**, SOM Class of 2024; **Alis Dicipinigaitis, M.D. '23**; **Medha Reddy**, SOM Class of 2024; **Farzana Khan, M.D. '23**; **Rosa Semaan, M.D. '23**; **Jared Pisapia, M.D.**, assistant professor of neurosurgery; **Carrie Muh, M.D.**, associate professor of neurosurgery and of pediatrics; **Rolla Nuoman, M.D.**, assistant professor of pediatrics; **Philip Overby, M.D., M.A.**, clinical associate professor of pediatrics and of neurology; **Mill Etienne, M.D.'02, M.P.H.**, associate professor of neurology and of medicine; **Ji Chong, M.D.**, assistant professor of neurology and of neurosurgery; **Stephan Mayer, M.D.**, professor of neurology and of neurosurgery; **Chirag Gandhi, M.D., M.S.**, professor and chair of Department of Neurosurgery and professor of neurology and of radiology; and **Fawaz Al-Mufti, M.D.**, associate professor of neurology, neurosurgery, and of radiology, published [“Acute Ischemic Strokes in Patients With Developmental Disabilities: A Cross-Sectional Analysis”](#) in *Interventional Neuroradiology*.

Alexander Mittnacht, M.D., clinical professor of anesthesiology, published [“Development and Publication of Clinical Practice Parameters, Reviews and MetaAnalyses: A Report From the Society of Cardiovascular Anesthesiologists Presidential Task Force”](#) in *Anesthesia and Analgesia*.

Alexandra Naftchi, SOM Class of 2024; **Christina Ng, M.D.'22**; **Cameron Rawanduzy, M.D. '22**; **Eris Spirollari**, SOM Class of 2024; **Sima Vazquez**, SOM Class of 2024; **Ankita Das**, SOM Class of 2024; **Gillian Graifman**, SOM Class of 2024; and **Merritt Kinon, M.D.**, associate professor of neurosurgery and of orthopaedic surgery, published [“Superior Discrimination of the Risk Analysis Index Compared](#)

With the 5-Item Modified Frailty Index in 30-Day Outcome Prediction After Anterior Cervical Discectomy and Fusion in the *Journal of Neurosurgery*.

Srihari Naidu, M.D., professor of medicine; **William Frishman, M.D.**, professor of medicine and of pharmacology; and **Wilbert Aronow, M.D.**, professor of medicine, published “Aficamten-A Second in Class Cardiac Myosin Inhibitor for Hypertrophic Cardiomyopathy” in *Cardiology in Review*.

Kenji Okumura, M.D., instructor of surgery; **Abhay Dhand, M.D.**, associate professor of medicine; **Ryosuke Misawa, M.D., Ph.D.**, assistant professor of surgery; **Hiroshi Sogawa, M.D.**, professor of surgery; **Gregory Veillette, M.D.**, clinical assistant professor of surgery; and **Seigo Nishida, M.D. Ph.D.**, clinical professor of surgery; published “The Effects of Acuity Circle Policy on Racial Disparity in Liver Transplantation” in *Surgery*.

Julio Panza, M.D., professor of medicine, published “Assessment of Myocardial Viability in Ischemic Cardiomyopathy-Scarred by the Data but Still Alive” in *JAMA Cardiology*.

Aleena Paul, M.D., assistant professor of family and community medicine and of pediatrics, published “Visual Thinking Strategies for Interprofessional Education and Promoting Collaborative Competencies” in *The Clinical Teacher*.

Matthew Pinto, M.D., clinical associate professor of pediatrics, published “Antithrombin Activity and Central Venous Catheter-Associated Thrombosis in Critically Ill Children at High Risk of Bleeding” in the *Journal of Thrombosis and Haemostasis*.

Katie Roster, M.S., SOM Class of 2024; **Rebecca Kann, SOM Class of 2026**; **Alina Zufall, M.D.**, dermatology resident; **Banu Farabi, M.D.**, dermatology resident; **Marian Russo, M.D.**, clinical assistant professor of dermatology; **Kenneth Shulman, M.D.**, adjunct assistant professor of dermatology; and **Bijan Safai, M.D., D.S.C.**, professor and chair of Department of Dermatology, published “Pityriasis Lichenoides Chronica in a Patient on Tafasitamab and Lenalidomide Therapy for Diffuse Large B-Cell Lymphoma” in *JAAD Case Reports*.

Dong Sun, M.D., Ph.D., professor of physiology, published “Liposomal Nanocarriers of Preassembled Glycocalyx Expediently Restore Endothelial Glycocalyx in Endotoxemia” in the *American Journal of Physiology: Heart and Circulatory Physiology*.

Xiaoyu Tang, M.D., Ph.D., assistant professor of pathology, microbiology, and immunology; **Diwakar Jain, M.D.**, professor of medicine; and **Stephen Pan, M.D., M.S.**, clinical assistant professor of medicine, published “A Case of Disappearing Amyloid on Technetium Pyrophosphate Scan” in the *Journal of Nuclear Cardiology*.

Steven Wolf, M.D., clinical professor of pediatrics; **Patricia McGoldrick, N.P.**, instructor of pediatrics, published “Creating Rare Epilepsy Cohorts Using Keyword Search in Electronic Health Records” in *Epilepsia*.

Gary Wormser, M.D., professor of medicine, pharmacology, and of pathology, microbiology, and immunology; and **Lindsay Schneider, SOM Class of 2026**, published “False-Positivity of an HIV Antigen/Antibody Assay for HIV p24 Antigen in Active SARS-CoV-2 Infection” in *The American Journal of Medicine*.





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