



14th Annual

Faculty Recognition Reception

Office of the Provost
Office of Faculty Affairs



Faculty Recognition Reception

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Faculty Recognition Reception



Dear Faculty,

I am pleased to join you and hope this event will offer you a chance to engage with each other and learn about your remarkable accomplishments and contributions to Rush excellence.

Over the last several years, our faculty demonstrated phenomenal resilience, providing the best education to our students, excelling in research and adapting to new methods of patient care. We are poised to continue making significant contributions to all of the communities we serve and I am honored to celebrate all of your achievements.

I am proud to share that many of you took the time to recognize the incredible work of your colleagues. This year, we have four Faculty Excellence Award winners, along with numerous new academic appointments, promotions, achievements, grants awarded and leadership positions earned.

The service Rush faculty provide to our institutional, local, regional, national and global communities is both impactful and impressive. It is an honor to support your professional and leadership development.

We have entered a new era. With the resilience of our faculty and their passion for what they do, we are better equipped to face challenges. It heartens me to know that our communities are safer due to your clinical excellence, research endeavors, and teaching.

I look to the future with great anticipation of all the wonderful accomplishments you will achieve.

Sincerely,

Robert S.D. Higgins, MD, MSHA
President and Chief Academic Officer, Rush University
Senior Vice President and Chief Academic Officer, Rush

Dear Colleagues,

We extend our heartfelt congratulations to all the Faculty Excellence Award winners and nominees, as well as to those who have achieved promotions and new appointments this year. Your significant contributions to science, education, patient care, and the community, along with your resilience during these past pandemic years, are recognized and deeply appreciated.

Please take a moment to reflect on your academic and research accomplishments, leadership efforts, promotions, appointments, and your day-to-day interactions with students and one another. Your dedication to nurturing the next generation of clinicians, scientists, educators, and advocates is an immense responsibility. It is this commitment that distinguishes an academic medical center and a health sciences university from other institutions of practice and education. It is all of you — the dedicated individuals who work here — who truly make the difference.

We all share in your unwavering commitment to excellence, and the Faculty Awards Reception is a testament to your dedication in honoring the pursuit of this ideal.

Sincerely,

Christine M. Kennedy, PhD, RN, FAAN
Interim Provost, Rush University
The John L. & Helen Kellogg Dean of the College of Nursing

Cynthia Brincat, MD, PhD
The Henry P. Russe, MD, Dean (Acting) of Rush Medical College

Jason S. Turner, PhD, MAE
Interim Dean, College of Health Sciences



Left to right: Christine M. Kennedy, PhD, RN, FAAN, Jason S. Turner, PhD, MAE and Cynthia Brincat, MD, PhD

Faculty Excellence Award Nominees

Excellence in Clinical Service

Margaret Bavis, DNP, APRN, FNP-BC
Jenna Nikolaidis, MD, MA

Excellence in Education

Vinodinee Dissanayake, MD, MPH
Kathryn Osborne, PhD, RN, CNM, FACNM
Steven Taylor, PhD, OTD, OTR/L

Excellence in Mentoring

Michael Schoeny, PhD

Excellence in Research

Jie Li, PhD, RRT, RRT-ACCS, RRT-NPS, FAARC, FCCM
Anne-Marie Malfait, MD, PhD

Faculty Award Recipients

Excellence in Clinical Service

Jenna Nikolaides, MD, MA

Excellence in Education

Kathryn Osborne, PhD, RN, CNM, FACNM

Excellence in Research

Jie Li, PhD, RRT, RRT-ACCS, RRT-NPS, FAARC, FCCM

Anne-Marie Malfait, MD, PhD

Excellence in Clinical Service

Jenna K. Nikolaides, MD, MA



Jenna K. Nikolaides, MD, MA, is an assistant professor in the Department of Emergency Medicine and the Department of Psychiatry and Behavioral Health at Rush Medical College. She is the only emergency medicine physician currently at Rush who is board-certified in both medical toxicology and addiction medicine.

Nikolaides joined Rush in 2018 to work on the newly formed Substance Use Intervention Team (SUIT) program and became director July 2021. The SUIT is dedicated to the care of the addiction patient, providing consultation to inpatient services caring for patients undergoing acute withdrawal or other consequences of their substance use, and providing outpatient management for ongoing care. It has grown to be one of the most-consulted services at Rush, weighing in on chronic medication management, pre-op and post-op care, emergency and outpatient care and linkage to rehabilitation services.

As director of SUIT, Nikolaides helped expand its outpatient clinic. In the past three years, the clinic has opened to take referrals, was listed on the state-run MAR NOW hotline (to link opioid-using patients to treatment rapidly), expanded their psychotherapy volume, and started SMART recovery groups. The team also started a behavioral health integration model to increase access to psychiatric care within SUIT clinic.

The clinic was also an early adopter of Sublocade, which is a monthly depot injectable buprenorphine. Nikolaides worked to enact policy changes to bring this medication into the hospital as a non-formulary exception in order to expand access to this long-acting injection for inpatients. Rush is one of the few institutions doing this.

Nikolaides has worked with others and has advised in the care of patients on chronic opioids, how to recognize opioid use disorder, and how to use buprenorphine safely, both in the chronic pain patient and in the addiction patient. She has also worked on revising and updating Rush's alcohol and opioid withdrawal protocols and order sets. Nikolaides is now the director of the Drug Overdose Prevention Program at Rush and has partnered with the Pharmacy Department to expand access to take-home naloxone.

"Addiction impacts all communities, yet those that have been historically marginalized have found their experience with addiction all too often labelled with racist and stereotypical stigma that creates barriers to healing," writes, Braden Hexom, MD, FACEP, professor of Emergency Medicine, and vice chair for Academic Affairs and nominator. "Dr. Nikolaides has sought to de-stigmatize addiction diagnoses and treatment. Her evidence-based and scholarly approach has helped providers recognize addiction as a medical health condition. She has built a program that is accountable to best practices."

Nikolaides has an expansive view of taking care of substance-using patients, which includes their medical care and advocacy on their behalf within the wider world of health care.

Nikolaides also took on the role of director of Medical Toxicology. In that role, she has expanded the consult service to 24/7 coverage by recruiting other toxicologists, partnered with the Toxikon Consortium in the training of Medical Toxicology fellows and support of the Illinois Poison Center, and served on Rush's P&T and biohazard committees. She has also incorporated Medical Toxicology in Rush's emergency preparedness plans by reactivating Rush in the Radiation Injury Treatment Network (RITN) by becoming the primary MD in charge of education and training exercises.

Excellence in Education

Kathryn Osborne, PhD, RN, CNM, FACNM



Kathryn Osborne, PhD, RN, CNM, FACNM, is an associate professor in the Department of Women, Children and Family Nursing in Rush University's College of Nursing. She is a certified nurse-midwife who began her career in 1980. For over three decades Osborne has work in academic and clinical settings. She has held leadership positions at both state and national levels and her work has been recognized with honors and awards both in the College of Nursing and across the country.

Osborne has a clinical background in nurse-midwifery. In addition to teaching in nurse-midwifery education programs, she had a full scope nurse-midwifery practice for 15 years. In

2008, Osborne was awarded Best Poster Presentation of Research at the American College of Nurse-Midwives annual meeting. The same year, she left nurse-midwifery to teach full time. In 2012, Osborne was inducted as an American College of Nurse-Midwives fellow. Osborne has multiple publications in the area of health policy, health promotion and preventive health services. She also serves on the editorial board of *Journal of Midwifery and Women's Health* from 2012 through 2022.

She joined the College of Nursing in 2014, where her focus was primarily on health policy and on the regulations of advanced practice registered nurses. Osborne has participated in advocacy work that is aimed at establishing state regulatory frameworks that allows full practice authority for APRN's.

When Osborne first began teaching, evidence-based teaching in the health professions was offered as an elective to all health professionals. Recently, she has been a part of a team to establish a teaching certificate program that will be housed in the College of Nursing.

As part of the educational team, she provides instruction, course reviews and recommendations to faculty in working to negate bias in the classroom and course content. As part of the bias resource team she continues to make herself available anytime for course review and consultation regarding bias. She has broadened this work and presented nationally at conferences on bias in scholarly writing and communication.

Osborne feels as passionate about preparing nursing students for leadership and advanced practice positions as she did about attending women in labor and birth. Her approach to pedagogy is as a seasoned learner and teacher in the online environment, so she is able to incorporate theory into the classroom effectively using an array of learning activities.

"Dr. Osborne teaches students from the perspective of an integrative and reflective pedagogy," Glenda Morris-Burnett, PhD, MUPP, RN, assistant professor, Department of Community Systems and Mental Health, wrote in her letter support. "She has been instrumental in developing creative ways to engage our students in health care economics, policy, and finance. Every semester, she works to incorporate information that is reflective of how health care is practiced. She always acknowledges the skills faculty bring to the course she leads. She promotes excellence, and it is demonstrated by the outcomes of the students. I have seen Kathryn develop strategies that go above and beyond to make sure a student that is struggling to complete assignments is able to create a plan that makes them successful in the course(s)."

"Within six credit hours, I've understood how health care is financed in the U.S., current perspectives on health care finance reform, and crucial levers I'll need to achieve impact at scale," CON student Michelle L. Fleury, MSN, MSM, RN, CNL, writes. "Each step of the way, Dr. Osborne included how-to guidance on foundational skills that will enable me to draw attention to critical issues. Her approaches to education have directly impacted my career trajectory."

Excellence in Research

Jie Li, PhD, RRT, RRT-ACCS, RRT-NPS, FAARC, FCCM



Jie Li, PhD, RRT, RRT-ACCS, RRT-NPS, FAARC, FCCM, has dedicated many years to advancing our understanding of respiratory treatments and modalities, making significant strides during the COVID-19 pandemic. Her work on prone positioning for acute hypoxemic respiratory failure and improving aerosol delivery via high-flow nasal cannulas has revolutionized clinical practice.

Li's efforts have led to practical improvements in patient care, which are utilized daily in hospitals worldwide. She is an associate professor in the Department of Cardiopulmonary Sciences, Division of Respiratory Care in the College of Health Sciences at Rush University.

Recognizing the urgent need for insights into the effects of awake prone positioning for COVID-19 patients during the pandemic, Li co-organized and designed a collaborative meta-trial. This innovative multicenter trial involved a prospective, predefined individual participant data meta-analysis, spanning several randomized controlled open-label superiority trials. This approach was chosen for its expediency and cost-efficiency in a pandemic context. They enrolled 1,126 patients from 42 institutions across six countries. The work revealed that awake prone positioning could significantly reduce treatment failure and intubation rates. This research garnered 165 citations within its first year of publication, subsequently influencing COVID-19 treatment guidelines.

Li led a multidisciplinary team to initiate the first clinical trial evaluating aerosol transmission risks associated with high-flow nasal cannula use in COVID-19 patients, finding no increased transmission risk. Building on this, her team undertook four additional studies assessing aerosol generation during various procedures. These research endeavors led many organizations and countries to revise their lists of "aerosol-generating procedures."

Li mentored several students and junior investigators in conducting a series of in vitro studies and clinical cohort studies, including a randomized controlled trial where they identified the key influential factors on aerosol delivery via high-flow nasal cannula and significantly improved the aerosol delivery efficiency. She also configured a novel device to measure breathing patterns in patients with acute hypoxemic respiratory failure, providing valuable reference data for setting breathing patterns for in vitro studies and determining appropriate gas flow settings during high-flow nasal cannula.

"I've been acquainted with Dr. Li since 2015, when she was a student in the Rush University Doctor of Philosophy in Health Sciences program and a student in my courses," Shawna Strickland, PhD, associate executive director, programs, American Epilepsy Society and Adjunct Faculty in the College of Health Sciences. "Across all of her scholarly works, the first published in 2009, her work has been cited over 2,600 times. In less than 20 years in the profession, her h-index is currently 23, characterizing her as a successful scientist."

Her publications encompass 85 manuscripts published in peer reviewed English journals, with Li serving as the first or corresponding author for 70.

She was awarded the Young Investigator Award from the International Society for Aerosol Medicine in 2021 and named a Fellow of the American Associate for Respiratory Care and Society of Critical Care Medicine. In 2022, she received the Mitchell A. Baran Achievement Award for Clinical Excellence in Aerosol and Airway Clearance Therapies, followed by the Forrest M. Bird Lifetime Scientific Achievement Award from the American Association for Respiratory Care in 2023.

Excellence in Research

Anne-Marie Malfait, MD, PhD



Anne-Marie Malfait, MD, PhD, is a professor of Medicine and the George W. Stuppy, MD, Chair of Arthritis at Rush University. Malfait received her medical degree in 1989 and her PhD in 1994, from Ghent University in Belgium. Her early training was in rheumatology. During her postdoctoral training at the Kennedy Institute of Rheumatology in London, she was involved in the very early experiments that targeted TNF in inflammatory arthritis. In 2001, she joined the pharmaceutical industry as part of a team for the development of disease-modifying osteoarthritis drugs.

In 2009, Malfait established a research group at Rush University, focused on the relationship between joint damage and the neurobiological processes that underlie pain associated with rheumatic diseases, using animal models and human tissues. Upon joining Rush, she immediately wrote an Arthritis Foundation Investigator award, which was funded on the first submission, followed by an R01 which was also funded on the first submission. Since that time, she has received multiple R01's and has contributed to the successful drive to return a T32 Training Grant to the musculoskeletal group at Rush. She was also granted the inaugural STAR award by National Institute of Arthritis and Musculoskeletal and Skin Diseases.

Malfait has devoted the past 15 years to building bridges between the world of osteoarthritis research (and more recently other rheumatic diseases) and the world of pain research and neuroscience. She now leads an internationally recognized group for the study of osteoarthritis pain, which has been continuously funded by National Institute for Arthritis, Musculoskeletal and Skin Diseases since 2010 and has resulted in many publications that describe the development and implementation of innovative resources and technologies. For this, she obtained the first P30 ever received by the Department of Medicine to establish the Chicago Center on Musculoskeletal Pain (C-COMP).

Malfait leads an administrative core that offers nationwide educational outreach activities to promote the mission of the center, which is “to foster and support research and training aimed at understanding the mechanisms underlying pain associated with musculoskeletal and rheumatic diseases, with the ultimate goal of better managing and preventing chronic musculoskeletal pain”.

In 2015, she organized the first International Symposium on Osteoarthritis Pain, aiming to bring together basic and clinical researchers both from the pain world and from the osteoarthritis world. The symposium was sponsored by a competitive grant from the International Association for the Study of Pain and attracted more than 80 participants from four continents.

“It would be fair to say that Dr. Malfait has revolutionized our understanding of the pathogenesis of osteoarthritis,” Richard J. Miller, professor emeritus, Northwestern University, writes.

Malfait has co-authored more than 120 peer reviewed papers and book chapters. She is principal investigator of RE-JOIN, a new NIH-funded consortium aimed at mapping the joint-nerve interactome of the knee. She developed an innovative three-dimensional (D) imaging method to visualize nerves around the knee joint.

“She continues to be one of the best funded bench investigators at Rush,” Joel Block, MD, The Willard L. Wood, MD Professor of Rheumatology, and chief, Division of Rheumatology writes.

Among her many accomplishments, she served as chair of the Committee on Research for the American College of Rheumatology and led their reformulated strategic plan for Rheumatology Research; she served on the Scientific Advisory Council; and served on the Board of Directors of the Rheumatology Research Foundation. She currently serves on the Scientific Advisory Board of the Arthritis National Research Foundation.

Faculty Recognition Reception Honorees

Congratulations on your appointments and promotions.

The following is a list of new professors named this past academic year.

Fiscal Year 2024 Professors

Richard Abrams, MD

Internal Medicine
Rush Medical College

Bradley Appelhans, PhD

Family and Preventive Medicine
Rush Medical College

Adriana Bermeo-Ovalle, MD

Neurological Sciences
Rush Medical College

Stephanie Crowley McWilliam, PhD

Psychiatry and Behavioral Sciences
Rush Medical College

Alexandre D'Audiffret, MD

Cardiovascular and Thoracic Surgery
Rush Medical College

Harel Deutsch, MD

Neurosurgery
Rush Medical College

Gaurav Dhar, MD

Internal Medicine
Rush Medical College

Sheila Dowd, PhD

Psychiatry and Behavioral Sciences
Rush Medical College

Erin Emery-Tiburcio, PhD

Psychiatry and Behavioral Sciences
Rush Medical College

Michael Gottlieb, MD, RDMS, FAAEM, FACEP

Emergency Medicine
Rush Medical College

Imke Janssen, PhD

Family and Preventive Medicine
Rush Medical College

Sayona John, MD

Neurological Sciences
Rush Medical College

Michael Lin, MD, MPH

Internal Medicine
Rush Medical College

Elizabeth Lynch, PhD

Family and Preventive Medicine
Rush Medical College

Parag Majmudar, MD

Ophthalmology
Rush Medical College

Denis Nam, MD, MSc

Orthopedic Surgery
Rush Medical College

Kousiki Patra, MD

Pediatrics
Rush Medical College

Monique Reed, PhD, FAAN, RN

Community, Systems and Mental Health Nursing
Rush College of Nursing

Helen Ross, MD

Internal Medicine
Rush Medical College

James Rowley, MD

Internal Medicine
Rush Medical College

Faculty Recognition Reception Honorees

Congratulations on your appointments and promotions.

The following is a list of new professors named this past academic year.

Fiscal Year 2024 Professors

Dino Samartzis, DSc
Orthopedic Surgery
Rush Medical College

Carlos Santos, MD, MPHS
Internal Medicine
Rush Medical College

Paul Severin, MD
Pediatrics
Rush Medical College

Gary Steinberg, MD
Urology
Rush Medical College

Melissa Tracy, MD
Internal Medicine
Rush Medical College

Surjith Vattoth, MD, MS
Diagnostic Radiology and Nuclear Medicine
Rush Medical College

Faculty Recognition Reception Honorees

Congratulations on your appointments and promotions.

The following is a list of new professors named this past academic year.

Fiscal Year 2024 Associate Professors

Renad Abu-Sawwa, Pharm, BCPPS, BS
Anatomy and Cell Biology
Rush Medical College

Thomas Alcorn, MD
Emergency Medicine
Rush Medical College

Tareq Alyousef, MD
Internal Medicine
Rush Medical College

Amit Amin, MD
Internal Medicine
Rush Medical College

Magdalena Bednarczyk, MD
Internal Medicine
Rush Medical College

Amar Bhatt, MD
Neurological Sciences
Rush Medical College

Stephanie Black, MD
Internal Medicine
Rush Medical College

Lloyd Brown, MD, MS
Surgery
Rush Medical College

Chandra Chataut, MD
Internal Medicine
Rush Medical College

Lin Cheng, MD, PhD
Pathology
Rush Medical College

Rosario Cosme, MD
Psychiatry and Behavioral Sciences
Rush Medical College

Teresa Davis, MD
Emergency Medicine
Rush Medical College

Christopher DeWald, MD
Neurological Surgery
Rush Medical College

Klodian Dhana, MD, PhD
Internal Medicine
Rush Medical College

Vinodinee Lanka Dissanayake, MD, MPH, FACEP
Emergency Medicine
Rush Medical College

Mary Farhi, MD, MPH, FACOG, ABOIM
Obstetrics and Gynecology
Rush Medical College

Christopher Ferrigno, PT, PhD
Anatomy and Cell Biology
Rush Medical College

Daniel Golden, MD, MHPE
Radiation Oncology
Rush Medical College

Javier Gomez, MD, MSc
Internal Medicine
Rush Medical College

Paula Grabler, MD
Radiology and Nuclear Medicine
Rush Medical College

Faculty Recognition Reception Honorees

Congratulations on your appointments and promotions.

The following is a list of new associate professors named this past academic year.

Fiscal Year 2024 Associate Professors

Lauren Green, MD

Diagnostic Radiology and Nuclear Medicine
Rush Medical College

Dipti Gupta, MD

Diagnostic Radiology and Nuclear Medicine
Rush Medical College

Eunsil Hahm, PhD

Internal Medicine
Rush Medical College

Sylvia Herbozo, PhD

Surgery
Rush Medical College

Ryan Jacobson, MD

Neurological Sciences
Rush Medical College

Jenny Ju-Hsueh Lu, MD

Emergency Medicine
Rush Medical College

Jisu Kim, MD

Internal Medicine
Rush Medical College

Carl Lambert, MD

Family and Preventive Medicine
Rush Medical College

Sorin Lazar, MD

Internal Medicine
Rush Medical College

Ena Mahapatra, MD

Internal Medicine
Rush Medical College

Amanda Mathew, PhD

Family and Preventive Medicine
Rush Medical College

Anna McCormick, DO

Obstetrics and Gynecology
Rush Medical College

Nupur Mittal, MD

Pediatrics
Rush Medical College

Ephrem Olweny, MD

Urology
Rush Medical College

Payal Patel, MD

Internal Medicine
Rush Medical College

Edward Pickering, MD

Internal Medicine
Rush Medical College

Vijaya Rao, MD

Internal Medicine
Rush Medical College

Lisa Ravindra, MD

Internal Medicine
Rush Medical College

Jessen Schiebout, MD

Emergency Medicine
Rush Medical College

Scott Schimpke, MD, FACS

Surgery
Rush Medical College

Faculty Recognition Reception Honorees

Congratulations on your appointments and promotions.

The following is a list of new associate professors named this past academic year.

Fiscal Year 2024 Associate Professors

Margaret Scotellaro, MD

Pediatrics
Rush Medical College

Neeral Sheth, DO

Psychiatry and Behavioral Sciences
Rush Medical College

Christine Tsai, MD

Internal Medicine
Rush Medical College

Joel Williams, MD

Orthopedic Surgery
Rush Medical College

Jingyun Yang, PhD

Neurological Sciences
Rush Medical College

Elizabeth Yopez, MD

Obstetrics and Gynecology
Rush Medical College

New Endowed Chairs

Amina Ahmed, MD

The George D. Wilbanks, MD, Professorship of Gynecologic Oncology

Theodore J. Corbin, MD, MPP

The Carole A. and Leo M. Henikoff, MD, Presidential Professorship

Mary Jo Fidler, MD

The Alice Pirie Wirtz Professorship of Medical Oncology

Wrenetha Julion, PhD, MPH, RN, FAAN, CNL

The Michelle and Larry Goodman, MD, Professorship of Health Equity

Kumar B. Rajan, PhD

The John and Alice Sabl Professorship of Alzheimer's Disease and Neurological Sciences Research

Monique Reed, PhD, MS, RN, FAAN

The Independence Foundation Professorship of Nursing Education

Kerstin Stenson, MD, FACS

The Carole B. and Gordon I. Segal Professorship of Women's Cancer Issues

National Institutes of Health Grants

New Grants Received in Fiscal Year 2024

Neelum Aggarwal, MD

5R01AG061848

Combination Anti-Amyloid Therapy for Preclinical Alzheimer's Disease

R01AG065248

A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Trial to Evaluate the Safety and Efficacy of CT1812 in Early Alzheimer's Disease over 18 Months

2U24AG057437

Longitudinal Follow-Up of Clinical Trial Participants for Brain Donation (ACTC-BDP)

National Institute on Aging

University of Southern California

Lisa Barnes, PhD

2R01AG050782

Study of Healthy Aging in African Americans

National Institute on Aging

The Regents of the University of California, Davis

David Bennett, MD

1RF1AG076821

Mitochondrial Energetics, Connectivity and Cognitive Decline in the Aging Human Brain

National Institute on Aging

Columbia University Medical Center

1R01AG075927-01A1

Whole Genome Sequencing and Admixture Analyses of Neuropathologic Traits in Diverse Cohorts in USA and Brazil

National Institute on Aging

1R61AG081811

Use and Impact of Novel and Repurposed Therapeutics for Alzheimer's Disease and Related Dementia in Diverse Populations

National Institute on Aging

University of Southern California

Elizabeth Berry-Kravis, MD, PhD

2R01DC010191

A Family-Genetic Study of Language in Autism

National Institute on Deafness and Other

Communication Disorders

Northwestern University

Lauren Bradley, PhD

1R01DK133264

Evaluation of a Remotely-Delivered Behavioral Intervention for Post-Bariatric Surgery Weight Regain

National Institute of Diabetes and Digestive and Kidney Diseases

Temple University of the Commonwealth System of Higher Education

Aron Buchman, MD

1R01AG082016

Wake-Sleep Circuitry in Neurodegenerative Dementias

National Institute on Aging

Beth Israel Deaconess Medical Center, Inc.

Xian-Ming Chen, MD

1R21AI177188-01A1

m6A Methylation of IRGM Transcripts in Epithelial-Cryptosporidium Interactions

National Institute of Allergy and Infectious Diseases

Susanna Chubinskaya, PhD

1R01AG081734

Role of DNA Damage and Cellular Senescence in

Osteoarthritis Pathophysiology

National Institute on Aging

The University of North Carolina at Chapel Hill

Sumant Chugh, MBBS

1R01DK137919-01

Recombinant hANGPTL4 and CKD

National Institute of Diabetes and Digestive and Kidney Diseases

Lionel Clement, PhD

1R01DK137919-01

Recombinant hANGPTL4 and CKD

National Institute of Diabetes and Digestive and Kidney Diseases

Melissa Crane, PhD

1R03DK139135-01

Leveraging Discrete Choice Experiments to Increase Participant Diversity in Future Clinical Trials

National Institute of Diabetes and Digestive and Kidney Diseases

National Institutes of Health Grants

New Grants Received in Fiscal Year 2024

Thomas Decoursey, PhD
1R35GM151963-01
Control Mechanisms of Human Voltage Gated Proton Channels, hHv1
National Institute of General Medical Sciences

Jori Fleisher, MD, MSCE
1R01AG079128-01A1
PERSEVERE in Lewy Body Dementia: A Randomized, Controlled Trial of Peer Mentor Support and Caregiver Education
National Institute on Aging

2U01NS100610
Dementia with Lewy Bodies Consortium
National Institute of Neurological Disorders and Stroke
Cleveland Clinic Lerner College of Medicine of CWRU

Eunsil Hahm, PhD
7R01DK132072
Targeting Bone Marrow to Treat Renal Disease
National Institute of Diabetes and Digestive and Kidney Diseases
University of Texas Medical Branch at Galveston

Sadia Haider, MD, MPH
1R01MH134264-01
Implementation of PrEP Care Among Women in Family Planning Clinics
National Institute of Mental Health

Alifiya Kapasi, PhD
1U19AG074862
Defining the Effect of Multiple Pathologies on the Aged Brain in 3 Dimensions
National Institute on Aging
The Trustees of Columbia University in the City of New York

Ali Keshavarzian, MD
1R01AA031197-01A1
Gut Microbiota-Mediated Inflammatory Interactions Between Alcohol Use Disorders and HIV Infection
National Institute on Alcohol Abuse and Alcoholism

7R01DK128085
Chronotherapy of 5-Aminosalicylic Acid in Ulcerative Colitis: A Randomized Crossover Trial
National Institute of Diabetes and Digestive and Kidney Diseases
Medical University of South Carolina

5U19AG063744
The Alzheimer's Gut Microbiome Project (Project 2)
National Institute on Aging
Duke University

Frank Ko, PhD
1R03AR082927-01A1
Examining Endothelial Cell and its Plasticity in Intramembranous Bone Regeneration
1R13AR084338-01
International Society of Bone Morphometry (ISBM) 2024 Meeting
National Institute of Arthritis and Musculoskeletal and Skin Diseases

Kristin Krueger, PhD, ABPP-CN
1UH2AG083289-01
A Population-Based Latinx Community Study of Alzheimer's Disease
National Institute on Aging

Melissa Lamar, PhD
1R01AG080598
Using Polygenic Risk Scores and Omics to Study How Suboptimal Sleep Accelerates Cognitive Aging in Diverse Populations
National Institute on Aging

National Institutes of Health Grants

New Grants Received in Fiscal Year 2024

Alan Landay, PhD
1R01HL170904
Multi-Omic Signatures of Gut Dysbiosis and Cardiovascular Comorbidities Associated with HIV Infection
National Heart, Lung, and Blood Institute
Albert Einstein College of Medicine

1D43DE033474
Building Research Capacity to Study Periodontitis and Associated Systemic Comorbidities in the Caribbean
National Institute of Dental and Craniofacial Research
The Research Foundation for SUNY on behalf of the University at Buffalo

5R01AG071439
Longitudinal Study of HIV and Aging in Brazil
National Institute on Aging
Vanderbilt University

Carl Maki, PhD
1R21CA273658-01A1
A Synthetic Lethal Approach for Targeting p53 Deficient Triple Negative Breast Cancer
National Cancer Institute

Joao Filipe Mamede, PhD
1R61DA058348-01A1
Molecular Pathways of Innate Immunity and Substance Abuse in NeuroHIV
National Institute on Drug Abuse

Steve Mangos, PhD
1R21DK139449-01
Developing Danionella Cerebrum as an Adult Vertebrate Model to Study Kidney Disease
National Institute of Diabetes and Digestive and Kidney Diseases

John Martin, PhD
4R00AR077685-03
Exercise-Induced Recovery of Intervertebral Disc Health
National Institute of Arthritis and Musculoskeletal and Skin Diseases
5P50MD017349
Chicago Chronic Condition Equity Network (C3EN): A Community-Based Research Team on Musculoskeletal Pain in African Americans
National Institute on Minority Health and Health Disparities
The University of Chicago

Robert McCarthy, PharmD
1R01MH134538
Ketamine to Reduce Postpartum Depression and Pain After Cesarean Delivery (KINETIC)
National Institute of Mental Health
University of Pittsburg

Rupal Mehta, MD
1RF1AG083765-01
Mapping the Perivascular Reticular Network in Health, Aging, and AD
National Institute on Aging

Supriya Mehta, MD
1R01AI177005-01
The Clinical History of Rectal and Urethral STIs among MSM: Characterizing Microbiome Host Immune Interactions for Diagnostic and Vaccine Advances
National Institute of Allergy and Infectious Diseases

National Institutes of Health Grants

New Grants Received in Fiscal Year 2024

Rachel Miller, PhD

R01AR075121
Intra-Cartilage Depot Delivery of Electrically-Charged IL-1RA for Targeting Osteoarthritis-Associated Inflammation and Catabolism in Multiple Joint Tissues
 National Institute of Arthritis and Musculoskeletal and Skin Diseases
 Northeastern University

James Moy, MD

1OT2HL156812
RECOVER-AUTO: A Platform Protocol for Evaluation of Interventions for Autonomic Dysfunction in Post-Acute Sequelae of SARS-CoV-2 Infection (PASC)
 National Heart, Lung, and Blood Institute
 Duke University

Kumar Rajan, PhD

1UH2AG083289-01
A Population-Based Latinx Community Study of Alzheimer's Disease
 National Institute on Aging

Jochen Reiser, MD, PhD

TL1DK132769
Chicago KUH FORWARD
 National Institute of Diabetes and Digestive and Kidney Diseases
 Northwestern University

Liudmila Romanova, PhD

R01AG064226
Differential Clearance of Pyroglutamate Abeta Through Arachnoid and Meningeal Lymphatics in Alzheimer Disease
 National Institute of Aging
 Rowan University School of Osteopathic Medicine

Ryan Ross, PhD

1R03HD113500-01
Identifying the Long-Term Metabolic Complications of In-Utero and Lactational Antiretroviral Exposure
 Eunice Kennedy Shriver National Institute of Child Health and Human Development

1R01AR080118-01A1

How Bisphosphonates Affect Bone Matrix and Remodeling: Implications for Atypical Femoral Fractures
 National Institute of Arthritis and Musculoskeletal and Skin Diseases

Todd Rupp, PhD, RN, GCNS-BC, FAHA, FAAN

1R01HL168376
iCardia4HF: A multi-Component mHealth App and Tailored Text-Messaging Intervention to Promote Self-Care Adherence and Improve Outcomes in Patients with Chronic Heart Failure
 National Heart, Lung, and Blood Institute
 The Board of Trustees of the University of Illinois

Julie Schneider, MD, MS

1U19AG074862
Defining the Effect of Multiple Pathologies on the Aged Brain in 3 Dimensions -Project 2
 1U19AG074862
Defining the Effect of Multiple Pathologies on the Aged Brain in 3 Dimensions-Project 3
 National Institute on Aging
 The Trustees of Columbia University in the City of New York

R01AG080667

Molecular and Cellular Landscape of Limbic-predominant Age-related TDP-43 Encephalopathy (LATE)
 National Institute of Aging
 Brigham & Women's Hospital, Inc.

R01AG055865

Alzheimer's Disease Hallmark Pathology and Associated Inflammation in the Retina
 National Institute of Aging
 Cedars-Sinai Medical Center

National Institutes of Health Grants

New Grants Received in Fiscal Year 2024

Pamela Semanik, PhD, APN

R21AR081007
Computer-Guided Action Planning to Support Physical Activity (CAPPA) for Employees with Chronic Knee Symptoms
 National Institute of Arthritis and Musculoskeletal and Skin Diseases
 Marquette University

P30AR072579

Core Center for Clinical Research at Northwestern University
 National Institute of Arthritis and Musculoskeletal and Skin Diseases
 Northwestern University

Beverly Sha, MD

1U01HL123336
1/2 Reprive Extension for Trial Completion
 National Heart, Lung, and Blood Institute
 Massachusetts General Hospital

Sasha Shafikhani, PhD

1R01DK135557-01A1
Assessment of CCL3 Therapy in Diabetic Wound Care
 National Institute of Diabetes and Digestive and Kidney Diseases

Raj Shah, MD

OT2OD036445
Illinois Precision Medicine Consortium
 Office of the Director, National Institutes of Health
 University of Chicago

Ajay Sood, MD, PhD

U19AG065188
PREVENTABLE Cognitive Adjudication
 National Institute of Aging
 Wake Forest University Health Sciences

Travis Stoub, PhD

UG3TR004501
Integration and Interoperability of Complex Data and Tissues from the Human Brain
 National Center for Advancing Translational Sciences
 University of Illinois at Chicago

Joyce Tam, PhD

1R01AG083840
Chinese Language Versions of the National Alzheimer's Coordinating Center's Uniform Data Set Version 4: A Linguistic and Cultural Adaptation Study
 National Institute on Aging
 Icahn School of Medicine at Mount Sinai

Robin Voigt, PhD

5R01NR019992
The Gut Microbiome and Personalized Mediterranean Diet Interventions for Cardiometabolic Disease Prevention
 National Institute of Nursing Research
 The Brigham & Women's Hospital, Inc.

Annabelle Volgman, MD

1UG3HL165065
The Rhythm Evaluation for Anticoagulation with Continuous monitoring of Atrial Fibrillation Trial (REACT-AF)
 National Heart, Lung, and Blood Institute
 Northwestern University

Robert Wilson, PhD

1R56AG084070
Adaptive Testing of Cognitive Function Based on Multi-Dimensional Item Response Theory
 National Institute on Aging
 The University of Chicago

Markus Wimmer, PhD

1R01AR082898
Advancing Hemiarthroplasty: Predicting in Vivo Performance of Cartilage Bearing Systems Through Benchtop and Ex Vivo Testing
 National Institute of Arthritis and Musculoskeletal and Skin Diseases
 Rhode Island Hospital

Foundation Grants

Mitra Afshari, MD, MPH

A Novel Virtual Personalized In-Home Fall Prevention Protocol for Parkinson's Disease (Aka: Virtual Home Safety Evals)
Parkinson Study Group, Inc.

Robert Balk, MD

Cystic Fibrosis Learning Center Network Award
Cystic Fibrosis Foundation

Elizabeth Berry-Kravis, MD, PhD

FT2022-006
A Prospective Natural History Study of Angelman Syndrome on Therapeutic Development
Foundation for Angelman Syndrome Therapeutics
The Children's Hospital Corporation d/b/a Boston Children's Hospital

Tamar Caceres, MD

Natural History Study
DDX3X Foundation

Ana Capuano, PhD

IGPCC-B-1260842
Training in Advanced Analytical Techniques in Aging (TAATA), Sweden Course
Alzheimer's Association

Theodore Corbin, MD

Drexel University - Healing Hurt People
Pew Charitable Trusts
Drexel University

Pankaja Desai, PhD

6NU38OT000288
Strengthened Community Partnerships for More Holistic Approaches to Interoperability, Part 2
CDC Foundation
The Children's Hospital Corporation d/b/a Boston Children's Hospital

Klodian Dhana, MD, PhD

AARG-22-974154
Race-Specific Risk Prediction Models for Dementia in the General Population
Alzheimer's Association

Deborah A. Hall, MD, PhD

Development of Assessments for Later Stage Huntington's Disease: UHDRS Structured Interview of Function and HD Clinical Status Questionnaire
CHDI Foundation

Jie Li, PhD, RRT, RRT-ACCS, RRT-NPS, FAARC, FCCM

Lung Ultrasound Training for Respiratory Therapists
American Association for Respiratory Care

Chien-Ching Li, PhD, MPH

The Development and Testing of a Culturally and Linguistically Tailored Educational Materials on Environmental Smoke and Lung Cancer Risk for Chinese American Women
American College of Chest Physicians

Rupal Mehta, MD

AARGD-22-973935
Arachnoid Granulation Senescence within Blacks and Whites in Aging and AD
Alzheimer's Association

James Moy, MD

American Lung Association - Airways Clinical Research Center (ALA-ACRC)
American Lung Association
Northwestern University

Sean O'Mahony, MB, BCh, BAO

23-118480
The Coleman Palliative Medicine Training Program
The Coleman Foundation University of Chicago

Foundation Grants

Michele O'Shea, MD, MPH

Patient-Reported Outcome Quality Assessment Tool for Urinary Incontinence
American Urogynecologic Society

Juan Rojas, MD, MS

Viral Infection and Respiratory Illness Universal Study: COVID-19 Registry and Validation of C2D2 (Critical Care Data Dictionary)
Society of Critical Care Medicine
Mayo Clinic

Sarah Sansom, DO

Identifying Barriers to Candida Auris Prevention
The Society for Healthcare Epidemiology of America

Raj Shah, MD

CAPriCORN Clinical Data Research Network Project
Patient Centered Outcomes Research Institute
Northwestern University

Parikshit Sharma, MD, MPH

PLACER-2021C3-24160
Cardiac Resynchronization Therapy Using His/Left Bundle Pacing vs Left Ventricular Epicardial Pacing in Patients With Heart Failure with LVEF <50% and a Wide QRS Complex (>130 ms) or with/Anticipated >40% Pacing
Patient Centered Outcomes Research Initiative
Baylor College of Medicine

Mindy Simpson, MD

Hypoplasminogenemia: An International Retrospective and Prospective Cohort Study (HISTORY)
Indiana Hemophilia and Thrombosis Center, Inc.

Kern Singh, MD

Markerless Pose Estimation for Kinematic Evaluation of Spine Patients
AO Foundation

Padraic Stanley, MSW, LCSW

Empowering Older Adults for Wellness and Safe and Effective Pain Management
National Council on Aging

David Williams, PhD

CN00079732
Novel Inhibitors of TGR for the Treatment of Schistosomiasis
The Board of Trustees of the University of Illinois -UIC
College of Pharmacy

Other Federal Grants

Asokumar Buvanendran, MD

HT94252310834 (2R,6R)-Hydroxynorketamine a Novel Therapeutic Analgesic for the Treatment of Neuropathic Pain
Department of Defense

Michael Gottlieb, MD

MPox Images Data Repository
US Department of Health and Human Services
Biomedical Advanced Research and Development Authority VisualDX (d.b.a Logical Images, Inc)
University of Rochester

Stefan Green, PhD

NNH22ZDA001N-PPR
Metagenome Methods for Meeting NASA's Planetary Protection Policy Requirement on Future Missions Proposal
National Aeronautics and Space Administration
Jet Propulsion Laboratory
California Institute of Technology
1R43IP001232
Culture-Free Microbial Enrichment for Diagnosis and Characterization of Anti-Microbial Resistance
Centers for Disease Control and Prevention
Triangle Biotechnology

Sally Lemke, DNP

1H79FG001062
Project COPES: Creating Opportunities for Personal Empowerment in School Health Centers
Substance Abuse and Mental Health Services Administration
The Board of Trustees of the University of Illinois

Lauren Little, PhD, OTR/L

R324A230160
High Impact Models of Early Intervention Support: Accelerating Child Outcomes and System Policies
U.S. Department of Education
University of Louisville Research Foundation, Inc.

Gina Lowell, MD, MPH

NU58DP007707-01-00
Sudden Unexpected Infant Death Case Registry for Cook County: Surveillance and Prevention (Comp A and Comp C)
Centers for Disease Control and Prevention

Joan O'Keefe, PhD, PT

HT9425410099
Neural Underpinnings of the Relationship Between Cognitive and Gait Dysfunction in Fragile X-Associated Tremor/Ataxia Syndrome (FXTAS)
Department of Defense

Kyran Quinlan, MD, MPH

NU38OT000303
Barriers to Participation in CDC's Cooperative Agreement for the Sudden Unexpected Infant Death (SUID) and Sudden Death in the Young (SDY) Case Registry
Centers for Disease Control and Prevention
Michigan Public Health Institute

Rush Research Mentoring Program Awards

Fiscal Year 2024 Cohn Fellows

Adrian Mansini, PhD

Assistant Professor
Department of Urology
Rush Medical College

Alia Obeidat, BDS, PhD

Instructor and Postdoctoral Fellow
Department of Internal Medicine
(Division of Rheumatology)
Rush Medical College

Brian T. David, PhD

Assistant Professor
Department of Neurosurgery
Rush Medical College

Chuka Nestor Emezue, PhD, MPH, MPA, CHES

Assistant Professor
Department of Women, Children and Family Nursing
Rush College of Nursing

Jonathan A. Gustafson, PhD

Instructor
Department of Orthopedic Surgery
Rush Medical College

Sarah Sansom, DO, MS

Assistant Professor
Department of Internal Medicine
(Division of Infectious Diseases)
Rush Medical College

Uzma Akhtar, PhD, AuD

Assistant Professor
Department of Communication Disorders and Sciences
Rush College of Health Sciences

2023 Symposium Abstract Winners

Adrian Mansini, PhD

Assistant Professor
Department of Urology
Rush Medical College

Jeffrey Schneider, PhD

Assistant Professor
Department of Microbial Pathogens and Immunity
Rush Medical College

Puja Agarwal, PhD

Assistant Professor
Rush Alzheimer Disease Center
Department of Internal Medicine
Rush Medical College
Clinical Nutrition
College of Health Sciences

Sammy Aboagye, PhD

Postdoctoral Fellow
Department of Microbial Pathogens and Immunity
Rush Medical College

Rush Research Mentoring Program Awards

2023 Symposium Poster Winners

Mary Bucklin, PhD
Postdoctoral Fellow
Department of Orthopedic Surgery
Rush Medical College

Alana Kirby, MD, PhD
Assistant Professor
Department of Neurological Sciences
Rush Medical College

Varsha Suresh Kumar, PhD
Instructor
Department of Internal Medicine
(Division of Nephrology)
Rush Medical College

2023 Mentee of the Year

Adrienn Markovics, MD, PhD
Assistant Professor
Department of Orthopedic Surgery
Rush Medical College

2023 Mentor of the Year

Hannah Lundberg, PhD
Associate Professor
Department of Orthopedic Surgery
Rush Medical College

2023 Postdoctoral Mentor of the Year

Anne-Marie Malfait, MD, PhD
Professor and The George W. Stuppy, MD, Chair of Arthritis
Department of Internal Medicine
(Division of Rheumatology)
Rush Medical College

2024-25

Teaching Academy Series

Third Tuesday of each month from noon to 1 p.m.

All Rush University faculty are invited to participate in the 2024-25 Teaching Academy Series.
The following is a tentative schedule of presentation topics:

Use of AI in the Context of Education

Cyber Security

Keeping Teams together Across Hybrid Work Dynamics

How to Address Burnout

Managing Time Effectively – Learning to Say No

Climate Change and Sustainability for Health Care Institutions and RUSH

Scotus Decision on University Admissions

Dealing with Hostile Work Environments. Reporting Poor Behaviors. Empowering Others to Speak Up

Planning for Retirement

ADA violations - What is it? Why it Matters?

Providing Feedback in Various Contexts

Professionalism and Ethics in Academia and Clinical Practice

The information found in this program is a compilation of content that was obtained from the Faculty Management System and various offices at Rush University Medical Center. It was reviewed and incorporated based on particular criteria and is only as accurate as original sources.

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