

CUIMC CELEBRATES

ACADEMIC YEAR 2017-18 | ISSUE 3

CUIMC CELEBRATES acknowledges faculty, staff, and students at Columbia University Irving Medical Center who receive major research grants, who earn prestigious honors, who are elected to honorary societies, or who take leadership positions in professional organizations. Celebrates also gratefully acknowledges the gifts made by donors and friends of the medical center and highlights faculty who have appeared in the news recently. If you have an award or honor that you would like to have listed in Celebrates, please fill out this [online form](#). Please note: All federal grants are automatically included based on institutional data provided by Sponsored Projects Administration. For more information, send an [e-mail](#) to the Celebrates editor.

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RESEARCH GRANTS

\$250,000 and above

VAGELOS COLLEGE OF PHYSICIANS & SURGEONS

Hasan Abaci, PhD, Dermatology, will receive \$577,845 over five years from the National Institute of Arthritis and Musculoskeletal and Skin Diseases for “[Synthetic Developmental Tissue Engineering of Human Hair Follicles](#).”

Jason Adelman, MD, Medicine, will receive \$1,577,033 over four years from the Agency for Healthcare Research and Quality for “[Providing Evidence and Developing a Toolkit to Accelerate the Adoption of Patient Photographs in Electronic Health Records](#).”

David Albers, PhD, and **George Hripcsak**, MD, Biomedical Informatics, will receive \$2,009,058 over three years from the National Library of Medicine for “[Mechanistic Machine Learning](#).”

Ottavio Arancio, MD, PhD, Taub Institute, will receive \$410,532 over one year from the National Institute on Aging for “[On the Role of Microglia-Derived Extracellular Vesicles in Amyloid Beta-Induced Changes in Synaptic Function and Network Activity](#).”



Stephen Arpadi, MD, and Michael Yin, MD, Sergievsky Center, will receive \$440,000 over two years from the National Institute on Aging for “[Biological Aging in Older HIV-Infected African Americans.](#)”

Amelia Boehme, PhD, Neurology, will receive \$440,000 over two years from the National Institute on Minority Health and Health Disparities for “[Racial Disparities, Influenza-Like Illness and the Association Between Short-Term Exposure to Ambient Air Pollution and Cardiovascular Outcomes.](#)”

Adam Brickman, PhD, and Laura Zahodne, PhD, Sergievsky Center, will receive \$5,557,020 over five years from the National Institute on Aging for “[Resilience Mechanisms Underlying Racial/Ethnic Disparities in Alzheimer’s Disease.](#)”

Alan S. Brown, MD, Psychiatry, will receive \$2,314,698 over five years from the National Institute of Environmental Health Sciences for “[Prenatal Factors in Autism and Other Psychiatric Outcomes in a National Birth Cohort.](#)”

Peter Canoll, MD, PhD, Pathology & Cell Biology, will receive \$659,328 over four years from the National Institute of Neurological Disorders and Stroke for “[Mechanism of Regulation of Progenitor Proliferation and Transformation.](#)”

Alejandro Chavez, MD, PhD, Pathology & Cell Biology, will receive \$700,000 over five years from the Burroughs Wellcome Fund for “Novel Technologies and Their Application to Neurodegenerative Diseases.”

Angela Christiano, PhD, Dermatology, will receive \$1,274,000 over two years from the National Center for Advancing Translational Sciences for “[Bioprinting 3D Skin for Patient-Specific Drug Discovery in Inflammatory Skin Diseases](#)” and \$561,880 over two years from the National Institute of Arthritis and Musculoskeletal and Skin Diseases for “[Immunophenotyping of Lichen Planopilaris.](#)”

Wendy Chung, MD, PhD, Pediatrics, will receive \$250,000 over one year from the JPB Foundation for “DISCOVER Program, General Support.”

Philip De Jager, MD, PhD, Neurology, will receive \$3,591,103 over three years from the National Institute on Aging for “[Deconstructing and Modeling the Single-Cell Architecture of the Alzheimer Brain.](#)”

Davangere Devanand, MD, Psychiatry, will receive \$6,542,264 over five years from the National Institute on Aging for “[Anti-Viral Therapy in Alzheimer’s Disease.](#)”

Karen Duff, PhD, Taub Institute, will receive \$4,102,378 over five years from the National Institute on Aging for “[Tauopathy in AD and FTD - Molecular Determinants of Phenotypic Diversity](#)” and \$800,000 over one year from the Institut de Recherches Internationales Servier (IRIS) for “Propagation of Tauopathy: Impact on Cellular Pathways *In Vivo* and *In Vitro.*”



Mitchell Elkind, MD, Neurology, will receive \$307,269 over five years from the National Institute of Neurological Disorders and Stroke for “[The Effect of Lower Blood Pressure Over the Life Course on Late-Life Cognition in Blacks, Hispanics, and Whites \(BP-COG\).](#)”

Adolfo Ferrando, MD, PhD, Institute for Cancer Genetics, will receive \$600,000 over three years from the Leukemia and Lymphoma Society for “New therapies in relapsed ALL.”

Robin Goland, MD, Naomi Berrie Diabetes Center, will receive \$2,677,330 over one year from the National Institute of Diabetes and Digestive and Kidney Diseases for “[Glycemia Reduction Approaches in Diabetes: A Comparative Effectiveness \(GRADE\) Study.](#)”

Nancy Green, MD, and **Arlene Smaldone**, PhD, Pediatrics, will receive \$2,938,465 over four years from the National Institute of Nursing Research for “[Hydroxyurea Adherence for Personal Best in Sickle Cell Treatment: HABIT.](#)”

Wei Gu, PhD, Institute for Cancer Genetics, will receive \$1,830,000 over five years from the National Cancer Institute for “[p53 Acetylation in Ferroptosis and Tumor Suppression.](#)”

Dawn Hershman, MD, Medicine, will receive \$250,000 over one year from the Breast Cancer Research Foundation for “Understanding Barriers to Quality Cancer Care” in a competitive renewal.

Jonathan Javitch, MD, PhD, Psychiatry, will receive \$1,048,237 over two years from the Hope for Depression Research Foundation for “Novel Therapeutics for Depression: Molecular Mechanisms and Genetic Targets.”

Tae-Wan Kim, PhD, Pathology & Cell Biology, will receive \$300,000 over two years from the Cure Alzheimer’s Fund for “Novel Chemical Modulators for BACE1-Mediated Cleavage of β -Amyloid Precursor Protein.”

Krzysztof Kiryluk, MD, **Jonathan Barasch**, MD, PhD, and **Andrew Bomback**, MD, Medicine, will receive \$725,030 over two years from the National Institute of Diabetes and Digestive and Kidney Diseases for “[Kidney Precision Medicine Program \(KPMP\): Columbia AKI Recruitment Site.](#)”

Rita Kukafka, DrPH, Biomedical Informatics, will receive \$299,991 over three years from the National Library of Medicine for “[Conexion: A Localized Information Resource for a Low-Income Hispanic Community.](#)”

Anna Lasorella, MD, Institute for Cancer Genetics, will receive \$5,000,000 over four years from the Celgene Corporation for “License Pathway Agreement.”

David Lederer, MD, Medicine, will receive \$460,641 over five years from the National Heart, Lung, and Blood Institute for “[Frailty and Patient-Centered Outcomes in Candidates for Lung Transplantation.](#)”



H. Thomas Lee, MD, PhD, Anesthesiology, will receive \$1,827,277 over five years from the National Institute of Diabetes and Digestive and Kidney Diseases for “[Peptidylarginine Deiminase-4 and Acute Kidney Injury.](#)”

Roberto Lewis-Fernández, MD, Psychiatry, will receive \$423,720 over five years from the National Institute of Mental Health for “[Identifying Reproducible Brain Signatures of Obsessive Compulsive Profiles.](#)”

Jeffrey Lieberman, MD, Psychiatry, will receive \$1,409,727 over five years from the National Institute of Mental Health for “[The Neurobiology of Violence in a Psychosis-Risk Cohort.](#)”

Jeffrey Liebmann, MD, Ophthalmology, will receive \$499,925 over four years from the National Eye Institute for “[African Descent and Glaucoma Evaluation Study \(ADAGES\) IV: Alterations of the Lamina Cribrosa in Progression.](#)”

Jose Luchsinger, MD, and **Davangere Devanand**, MD, Medicine, will receive \$3,884,947 over five years from the National Institute on Aging for “[Testing Olfaction in Primary Care to Detect Alzheimer’s Disease and Other Dementias \(TOPAD\).](#)”

Ellen Lumpkin, PhD, Physiology & Cellular Biophysics, will receive \$517,082 over three years from the National Institute of Neurological Disorders and Stroke for “[CRCNS: Neural Representations of Object Compliance in the Periphery.](#)”

Tom Maniatis, PhD, Biochemistry & Molecular Biophysics, will receive \$400,000 over two years from Project ALS for “The Role of TBK1 in Autophagy and ALS.” Dr. Maniatis, **Abbas Rizvi**, PhD, and **Raul Rabadan**, PhD, Biochemistry & Molecular Biophysics, will receive funding over one year from the Chan Zuckerberg Initiative for “[A Strategy for Mapping the Human Spinal Cord with Single-Cell Resolution.](#)”

Catherine Marquer, PhD, Taub Institute, will receive \$428,229 over two years from the National Institute on Aging for “[Mechanisms of BMP Synthesis and Alterations in Alzheimer’s Disease.](#)”

George Z. Mentis, PhD, Pathology & Cell Biology, will receive \$2,229,605 over five years from the National Institute of Neurological Disorders and Stroke for “[Mechanisms of Central Synaptic Dysfunction in SMA](#)” in a competitive renewal.

Sumit Mohan, MD, Medicine, will receive \$1,362,225 over five years from the National Institute of Diabetes and Digestive and Kidney Diseases for “[2/2 APOL1 Long-Term Kidney Transplantation Outcomes Network - Clinical Center.](#)”

Jay P. Mohr, MD, Neurology, will receive \$1,048,399 over five years from the National Institute of Neurological Disorders and Stroke for “[Long-Term Outcomes in Unruptured Brain Arteriovenous Malformation Patients.](#)”



Nathalie Moise, MD, Medicine, will receive \$1,839,332 over five years from the Agency for Healthcare Research and Quality for “[TRANSFORM DEPCARE: A Theoretical Approach to Improving Patient Engagement and Shared Decision-Making for Minorities in Collaborative Depression Care.](#)”

Yuval Neria, PhD, Psychiatry, will receive \$2,083,962 over five years from the National Institute of Mental Health for “[Cognitive and Neural Mechanisms of the Accelerated Aging Phenotype in PTSD.](#)”

James Noble, MD, Taub Institute, will receive \$3,816,893 over five years from the National Institute on Aging for “[Old SCHOOL Hip Hop: A Randomized Controlled Trial to Improve Dementia Knowledge.](#)”

Kenneth Olive, PhD, Medicine, will receive \$676,296 over two years from Bristol-Myers Squibb Research and Development for “Parsing Local Immunosuppression in Pancreatic Ductal Adenocarcinoma.”

Jianwen Que, PhD, Medicine, will receive \$1,437,500 over four years from the National Institute of Diabetes and Digestive and Kidney Diseases for “[Barrett’s Esophagus and Progenitor Cells at the Squamous-Columnar Junction.](#)”

Simone Sanna-Cherchi, MD, Medicine, will receive \$2,911,838 over five years from the National Institute of Diabetes and Digestive and Kidney Diseases for “[Genomics of Mammalian Posterior Urethral Valves.](#)”

Nathaniel Sawtell, PhD, Neuroscience, will receive \$750,000 over three years from the National Science Foundation for “[Midbrain Electrosensory Processing in Mormyrid Fish: Multimodal Integration, Recurrent Feedback, and Cerebellar Influence.](#)”

Lawrence H. Schwartz, MD, Radiology, will receive \$270,770 over one year from the National Cancer Institute for “[Computational Modeling of Tumor Burden by CT to Advance Cancer Therapeutics.](#)”

Yufeng Shen, PhD, Systems Biology, will receive \$387,593 over five years from the National Institute of Child Health and Human Development for “[Developmental Mechanisms of Trachea-Esophageal Birth Defects.](#)”

Daichi Shimbo, MD, Medicine, will receive \$536,263 over four years from the National Heart, Lung, and Blood Institute for “[Incorporation of a Hypertension Working Group into the Jackson Heart Study.](#)”

Neil Shneider, MD, PhD, Neurology, will receive \$556,796 over one year from the National Institute of Neurological Disorders and Stroke for “[FUS Gain-of-Function Mechanisms in Animal and Cellular Models of ALS](#)” in a competitive renewal.



Janet Sparrow, PhD, Ophthalmology, will receive \$1,196,118 over three years from the National Eye Institute for “[Impact of Lipofuscin in Retinal Pigment Epithelial Cells](#)” in a competitive renewal.

Thomas Stroup, MD, Psychiatry, will receive \$427,392 over four years from the National Institute of Mental Health for “[Improving Cognition via Exercise in Schizophrenia](#).”

Carol Troy, MD, PhD, Pathology & Cell Biology, will receive \$754,908 over one year from EI Pharma for “Kairos Ventures.”

J. Thomas Vaughan, PhD, Radiology, will receive \$3,852,945 over five years from the National Institute of Biomedical Imaging and Bioengineering for “[Imaging Human Brain Function With Minimal Mobility Restrictions](#).”

Harris Wang, PhD, Systems Biology, will receive \$3,339,687 over four years from the Defense Advanced Research Projects Agency for “Engineered Living Materials.”

Chunhua Weng, PhD, Biomedical Informatics, will receive \$2,429,030 over four years from the National Library of Medicine for “[Bridging the Semantic Gap Between Research Eligibility Criteria and Clinical Data](#)” in a competitive renewal.

Hynek Wichterle, PhD, Pathology & Cell Biology, will receive \$592,617 over one year from the National Institute of Neurological Disorders and Stroke for “[Motor Neuron Selector Genes and Mechanism of their Action](#)” in a competitive renewal.

Olajide Williams, MD, Neurology, will receive \$443,835 over two years from the National Institute of Child Health and Human Development for “[Assessing a Stroke Homehealth Aide Recovery Program \(SHARP\) as a Potential High-Impact Strategy for Improving in Functional Mobility After Stroke](#).”

Melodie Winawer, MD, Sergievsky Center, will receive \$470,663 over two years from the National Institute of Neurological Disorders and Stroke for “[Making the Invisible Visible: Advanced MRI in Non-Lesional Focal Epilepsy](#).”

Debra Wolgemuth, PhD, Genetics & Development, will receive \$1,164,727 over four years from the National Institute of Child Health and Human Development for “[Contraceptive Discovery, Development, and Behavioral Research Center, Project 1: Novel Retinoic Acid Receptor Alpha-Selective Antagonists](#)” and \$350,892 over four years from the National Institute of Child Health and Human Development for “[Contraceptive Discovery, Development, and Behavioral Research Center, Project 2: Targeting BRDT \(Testis-Specific Bromodomain\) for Male Contraception](#).”

Lori Zeltser, PhD, Naomi Berrie Diabetes Center, will receive \$750,000 over three years from the Klarman Family Foundation for “Stress and Eating Behavior in Anorexia Nervosa.”



MAILMAN SCHOOL OF PUBLIC HEALTH

Andrea Baccarelli, MD, PhD, Environmental Health Sciences, will receive \$1,167,450 over five years from the National Institute of Environmental Health Sciences for “[Interdisciplinary Training in Environmental Health](#)” in a competitive renewal.

F. DuBois Bowman, PhD, Biostatistics, will receive \$400,075 over one year from the National Institute of Neurological Disorders and Stroke for “[Multimodal Imaging Biomarkers of Parkinson’s Disease](#).”

Sara Casey, DrPH, Population & Family Health, will receive \$583,199 over two years from the Department for International Development for “[Overcoming Challenges to Accessing Quality Post-abortion Care in Humanitarian Crises](#).”

Alwyn Cohall, MD, Sociomedical Sciences, will receive \$1,018,548 over four years from the New York State Department of Health for “Youth Access Program (YAP) for YMSM, Transgender, and Other High-Risk Adolescents/Young Adults” and \$534,692 over four years from Health Research Inc. for “Project STAY - Adolescent/Young Adult HIV Specialized Care Center - (SCC).”

Tiffany Harris, PhD, ICAP, will receive \$2,238,163 over five years from the Centers for Disease Control and Prevention - PEPFAR for “[Technical Assistance to National Health Information Systems and Health Workforce Development of the Federal Democratic Republic of Ethiopia Under the President’s Emergency Plan for AIDS Relief \(PEPFAR\)](#).”

Julie Herbstman, PhD, Environmental Health Sciences, will receive \$747,522 over four years from the National Institute for Occupational Safety & Health for “[Prenatal WTC Chemical Exposures, Birth Outcomes, and Cardiometabolic Risks](#).”

Maria Lahuerta Sanau, PhD, ICAP, will receive \$995,004 over five years from the Centers for Disease Control and Prevention - PEPFAR for “[Supporting Sustainable Surveillance Systems Among Key Populations \(KP\) and Support the Government of Zambia to Improve HIV-Related Services for KP under the President’s Emergency Plan for AIDS Relief \(PEPFAR\)](#).”

W. Ian Lipkin, MD, Center for Infection & Immunity, will receive \$9,435,638 over five years from the National Institute of Allergy and Infectious Diseases for “[Center for Solutions for ME/CFS](#).”

Terry McGovern, JD, Population & Family Health, will receive \$1,000,001 over two years from the William & Flora Hewlett Foundation for “[Assessing the Impact of the Expanded Global Gag Rule](#).”

Constance Nathanson, PhD, Sociomedical Sciences, will receive \$936,550 over five years from the National Institute of Child Health and Human Development for “[GSH Training Grant](#)” in a competitive renewal.



Ana Navas-Acien, MD, PhD, Environmental Health Sciences, will receive \$3,346,907 over three years from the National Institute of Environmental Health Sciences for “[Health Effects and Geochemistry of Arsenic and Manganese](#)” in a competitive renewal.

R. Todd Ogden, PhD, Biostatistics, will receive \$1,467,742 over four years from the National Institute of Biomedical Imaging and Bioengineering for “[Advanced Modeling Techniques for Brain Imaging Data with PET](#).”

Miriam Rabkin, MD, ICAP, will receive \$1,988,700 over five years from the Health Resources and Services Administration for “[Optimizing Momentum: Toward Sustainable Epidemic Control](#)” and \$349,992 over one year from the Bill and Melinda Gates Foundation for “[Differentiated Service Delivery and the Lab/Clinical Interface: ASLM Incubator Project](#).”

Lisa Rosen-Metsch, PhD, Sociomedical Sciences, will receive \$8,180,899 over five years from the National Institute on Drug Abuse for “[A Multi-site Multi-setting RCT of Integrated HIV Prevention and HCV Care for PWID](#).”

Andrew Rundle, DrPH, **Jeff Goldsmith**, PhD, and **Kathryn Neckerman**, Epidemiology, will receive \$675,382 over three years from the National Institute on Aging for “[Communities Designed to Support Cardiovascular Health for Older Adults](#).”

John Santelli, MD, Population & Family Health, will receive \$3,514,663 over five years from the National Institute of Child Health and Human Development for “[Structural and Social Transitions Among Adolescents and Young Adults in Rakai \(SSTAR\)](#).”

Karolynn Siegel, PhD, and **Eric Schrimshaw**, PhD, Sociomedical Sciences, will receive \$2,570,411 over four years from the National Institute on Minority Health and Health Disparities for “[Exchange Sex and HIV Risk Among MSM Online](#).”

Ezra Susser, MD, DrPH, Epidemiology, will receive \$263,312 over three years from the National Institute of Mental Health for “[Characterizing Cognition Across the Lifespan in Untreated Psychosis in China](#).”

COLLEGE OF DENTAL MEDICINE

Hosam Aldin Alrqi, DDS, Population Oral Health, will receive \$846,692 over five years from the Health Resources and Services Administration for “[Primary Care Medicine and Dentistry Clinician Educator Career Development Program](#).”

Chang Hun Lee, PhD, Hospital Dentistry, will receive \$1,389,995 over four years from the National Institute of Arthritis and Musculoskeletal and Skin Diseases for “[Seamless Healing of Avascular Meniscus Tears by Stem Cell Recruitment](#).”



Panos Papapanou, DDS, PhD, Oral, Diagnostic, & Rehabilitation Sciences, will receive \$250,000 over one year from the National Institute of Dental and Craniofacial Research for “[A Combined Genetic/Epigenetic Approach to Study Periodontitis Susceptibility and Pathobiology.](#)”

SCHOOL OF NURSING

Bobbie Berkowitz, PhD, Scholarship & Research, will receive \$11,082,858 over 10 years from the Jewish Communal Fund for “Jonas Center for Nursing and Veterans Healthcare at Columbia University.”

Kenrick Cato, PhD, Scholarship & Research, will receive \$1,264,910 over five years from the National Institute of Nursing Research for “[Communicating Narrative Concerns Entered by RNs \(CONCERN\): Decision Support for Risky Patient States.](#)”

Jingjing Shang, PhD, and **Patricia Stone**, PhD, Scholarship & Research, will receive \$2,534,014 over four years from the National Institute of Nursing Research for “[Infection Prevention in Home Health Care \(InHOME\).](#)”

AWARDS & HONORS

COLUMBIA UNIVERSITY IRVING MEDICAL CENTER

2017 Baton Awards

Three CUIMC staff members were recognized as [exceptional team players](#):

- **Martha Adorno**, Columbia University Health Care Inc. (CDM)
- **Akil Johnson**, Nursing Finance & Administration
- **Karen Pagliaro-Meyer**, HIPAA Compliance

Irving Institute Awards

2017 Mentors of the Year

- [Rudolph Leibel](#), MD, Pediatrics
- **Mathew Maurer**, MD, Medicine
- **Lisa Mellman**, MD, Psychiatry



Irving Scholars

Four 2017-2020 Irving Scholars were selected. This program supports young assistant professors beginning a career in clinical research.

- **Matthew R. Baldwin**, MD, Medicine, “Frailty Endotypes in Survivors of Acute Respiratory Failure”
- **Olena Mamykina**, PhD, Biomedical Informatics, “Personalizing Behavioral Interventions in Type 2 Diabetes Using Self-Monitoring Data”
- **Martin Picard**, PhD, Psychiatry, “Profiling Mitochondrial Health to Understand Physiological Variability”
- **Simone Sanna-Cherchi**, MD, Medicine, “Genetic Studies in Posterior Urethral Valves”

To view other Irving Institute awards, please visit <http://irvinginstitute.columbia.edu/>.

Hybrid Learning Course Redesign and Delivery Awards

Six CUIMC faculty belong to the spring 2017 cohort of [Hybrid Learning Course Redesign and Delivery awardees](#). The grants, awarded by the Office of the Provost, support faculty who are developing innovative and technology-rich pedagogy and learning strategies in the classroom.

- **Sharon R. Akabas**, PhD, Institute of Human Nutrition, “Redesigning an Interdisciplinary Foods Course From a Systems Thinking Perspective”
- **Lenin Grajo**, PhD, Rehabilitation & Regenerative Medicine, “Developing Client-Centered and Function-Based Outcome Measures Through a Hybrid Doctoral Course on Measurement and Instrumentation”
- **Shantanu Lal**, DDS, Growth & Development (CDM), “Virtual Reality for Dental Anxiety Management: A Paradigm Shift in Healthcare Education”
- **Silvia Martins**, MD, PhD, Epidemiology, “Principles of Epidemiology: An Upgraded Flipped Classroom Proposal”
- **Letty Moss-Salentijn**, DDS, PhD, Curricular Innovation and Interprofessional Education (CDM), “Local Anesthesia: VR/AR Learning Tool Development”
- **Kathleen Mullen**, DNP, Academics (CSon), “Team-Based Learning of the Nursing Process”



Naomi Berrie Diabetes Center Awards

Two researchers at CUIMC were named recipients of [Berrie awards](#):

2017 Naomi Berrie Fellowship

- **Junjie Yu**, PhD, Medicine

2017 Russell Berrie Foundation Scholar

- **Mohsen Khosravi Maharlooei**, MD, Medicine

VAGELOS COLLEGE OF PHYSICIANS & SURGEONS

2017 Awards for Excellence

Six employees were honored for their contributions at P&S:

- **Linda Aponte-Patel**, MD, Pediatrics, Diversity Award
- **Antoine Florestal**, Institute of Comparative Medicine, Officer of Administration/Managerial Award
- **Thomas Gardner**, Orthopedic Surgery, Officer of Research Award
- **Lisa Hasenbalg**, Anesthesiology, Officer of Administration/Administrative Professional Award
- **Samuel Silverstein**, MD, Physiology & Cellular Biophysics, Community Service Award
- **Wen-Hsuan Wu**, Ophthalmology, SSA Union Member/Clerical Technical Award

Steven Z. Miller Student Clinician's Ceremony Awards

The [Steven Z. Miller Student Clinician's Ceremony](#) marks the start of the major clinical year for P&S second-year students (Class of 2020). The ceremony also provides an opportunity for the class that has completed its major clinical year (Class of 2019) to honor residents and faculty for excellence in teaching. Awards also are given to students for preclinical work.

Major Clinical Year Outstanding Teacher Award

- **Comana Cioroiu**, MD, Neurology

Fundamentals Outstanding Teaching Award

Stephen Canfield, MD, PhD, Medicine



Resident Teaching Awards

- **Kaylan Christianer**, MD, Medicine
- **Barbara Coons**, MD, Surgery
- **Leo Garber**, MD, Medicine
- **Jessica Li**, MD, Obstetrics & Gynecology
- **Alexandra Livanos**, MD, Medicine
- **Claire Tobias**, MD, Obstetrics & Gynecology

Greg Grove Award (for promoting activities that provide relaxation for busy students)

- **Cory Chang**'20

Karl H. Perzin Excellence in Pathology Awards

- **Randy Casals**'20
- **Emma Gerstenzang**'20
- **Christopher Griffey**'20
- **Evan Hess**'20
- **Gaston Jean-Louis**'20
- **Ella Magun**'20
- **Katherine Ruddy**'20
- **Bert Vancura**'20

Other Honors

Richard J. Deckelbaum, MD, Institute of Human Nutrition, delivered the [Wimpfheimer-Guggenheim International Lecture](#), “How Global Nutrition Collaborations Impact Change: Lessons From Four Continents,” at the Academy of Nutrition and Dietetics Food & Nutrition Conference in October.

Susan DeWolf, MD, Medicine, received an [Abstract Achievement Award](#) from the American Society of Hematology for “Quantifying the Size and Diversity of the Human Alloresponse via High-Throughput T Cell Receptor Sequencing.”

Cristina Fernández, MD, Pediatrics, received an American Academy of Pediatrics Chapter Special Achievement Award for New York Chapter 3.

Robert T. Grant, MD, Surgery, became the [founding president](#) of the Association of Physician Leadership in Care Management.

Sidney Hankerson, MD, Psychiatry, received the 2017 [Multicultural Award](#) from the National Alliance on Mental Illness-New York State.



Mark Heaney, MD, Medicine, was named a 2017 [MPN Hero](#) by Incyte Corporation as part of a recognition program for people and organizations dedicated to improving the lives of people with myeloproliferative neoplasms.

Tom Hei, PhD, Radiation Oncology, received an honorary [Doctor of Science](#) from Amity University in India.

Michio Hirano, MD, Neurology, received the 2018 [Russ Salzberg Champion of Hope Award](#) at the Muscular Dystrophy Association of New York's Muscle Team Gala.

Lauren Hoffman, PsyD, Psychiatry, was accepted into the Alies Muskin Career Development Leadership Program run by the Anxiety and Depression Association of America.

Jenna Kantor, CUDPT'18, and **Katie Schmitt**, CUDPT'18, won the 2017 Private Practice Section Student Business Concept Contest.

Rudolph Leibel, MD, gave the opening [keynote lecture](#), "Stem Cell-derived Hypothalamic Neurons in the Elucidation of the Pathogenesis of Human Obesity: A New Frontier," at the fifth annual ObesityWeek in October.

Carol A. Mason, PhD, Pathology & Cell Biology, received the 2017 [Mika Salpeter Lifetime Achievement Award](#) from the Society for Neuroscience in recognition of her achievements in neuroscience and promotion of the professional advancement of women in neuroscience.

Irene Maumenee, MD, Ophthalmology, received the 2017 [Laureate Recognition Award](#), the American Academy of Ophthalmology's highest honor, for contributions to the betterment of eye care leading to the prevention of blindness and restoration of sight worldwide.

Heino Meyer-Bahlburg, Dr. rer. nat., Psychiatry, was named a distinguished visiting professor at the School of Medicine of Tehran University. Dr. Meyer-Bahlburg also gave the opening keynote lecture, "'Normalizing' Genital Surgery for DSD: Current Controversies," at the International Congress on Hypospadias and Disorders of Sexual Development in Mashhad, Iran.

Rachel Miller, MD, Medicine, will give the 2018 [AAAAI Foundation and Sheldon L. Spector, MD, FAAAAI Memorial Lectureship](#), "Epigenetic Changes Ascribed to Pollutant Exposures," at the American Academy of Allergy, Asthma, and Immunology/World Allergy Organization Joint Congress in March.

Dane Parker, PhD, and **Silvia Sarmiento Pires**, PhD, Pediatrics, received a 2017 [AAI Careers in Immunology Fellowship](#) from the American Association of Immunology for "Effect of Type III Interferons on Innate Immunity to *Staphylococcus aureus*."



Patrick Ryan, PhD, Biomedical Informatics, received the inaugural [Healthcare Innovations Award](#) from the U.S. Food and Drug Administration Reagan-Udall Foundation in recognition of his influence in the development of regulatory policy to improve public health and contributions to the advancement in the analytic framework for observational research.

Daniel S. Schechter, MD, Psychiatry, was awarded the 2017 Norbert and Charlotte Rieger Psychodynamic Psychotherapy Award—his third time receiving this award—for his paper, “And Then There Was Intersubjectivity: Treating Child Self- and Mutual-Dysregulation During Traumatic Play,” by the American Academy of Child & Adolescent Psychiatry.

Joshua Sonett, MD, Surgery, was elected treasurer of the International Thymic Malignancy Interest Group.

Oliver Stroeh, MD, Psychiatry, was named a distinguished fellow of the American Academy of Child and Adolescent Psychiatry.

Stephen Tsang, MD, PhD, Ophthalmology, will receive the 2018 Young Investigator Award from the Macula Society.

Michael Vitale, MD, Orthopedic Surgery, was invited as a [Bleck Visiting Professor](#) at Stanford University in October.

MAILMAN SCHOOL OF PUBLIC HEALTH

Quarraisha Abdool Karim, PhD, and **Salim Abdool Karim**, PhD, Epidemiology, received the 2017 [Lifetime Achievement Award for Public Service](#) from the Institute of Human Virology in recognition of their contributions to research on the AIDS pandemic.

Quarraisha Abdool Karim, PhD, Epidemiology, was named one of BBC’s seven [Trailblazing Women in Science](#) as part of the BBC’s “100 Women” feature, which names 100 influential and inspirational women around the world every year. Dr. Abdool Karim also was named [UNAIDS Special Ambassador](#) for Adolescents and HIV.

David Bell, MD, Population & Family Health, was appointed a member of the New York City’s Sexual Health Education Task Force by Mayor Bill de Blasio.

Wafaa El-Sadr, MD, and **Miriam Rabkin**, MD, Epidemiology, were guest co-editors of the Journal of International AIDS Society special issue, “[Reaching the Third 90: Taking Routine Viral Load Monitoring to Scale.](#)”

Lisa Rosen-Metsch, PhD, Sociomedical Sciences, was named dean of the School of General Studies at Columbia University, effective Jan. 1, 2018.



COLLEGE OF DENTAL MEDICINE

Greater New York Dental Meeting Awards

CDM recognized three faculty members for excellence at the Greater New York Dental Meeting in November.

- **Steven Chussid**, DDS, Growth & Development, received the Dr. Guy Metcalf Clinical Faculty Award in recognition of his dedicated clinical instruction and advocacy for students and residents
- **Jeffrey Cloidt**, DDS, Cariology & Restorative Sciences, received the Dr. Stanislaw Brzustowicz Junior Faculty Award for dedicated and compassionate teaching of dental students (for faculty at CDM for 10 years or less)
- **Charles S. Solomon**, DDS, Cariology & Restorative Sciences, received the Melvin L. Moss Senior Faculty Award for outstanding commitment to teaching for 25 years or more

Other Honors

Carol Kunzel, PhD, Population Oral Health, was appointed a member of the HIV Health and Human Services Planning Council of New York for a three-year term by Mayor Bill de Blasio.

An article by **Marcie S. Rubin**, DrPH, and **Burton Edelstein**, DDS, Population Oral Health, was recognized by the Journal of Dental Education as one of its 10 best articles of the year. Their paper, “Faculty Development for Metro New York Postdoctoral Dental Program Directors: Delphi Assessment and Program Response,” was chosen on the basis of quality of research and presentation, importance of topic, and innovative approach.

SCHOOL OF NURSING

Billy Caceres, PhD, Scholarship & Research, was elected a Martha N. Hill New Investigator, one of the highest and most competitive awards given to an early-stage cardiovascular investigator, by the American Heart Association.

Jeffrey Kwong, DNP, Scholarship & Research, became president of the Association of Nurses in AIDS Care (ANAC) for a two-year term, after a previous two years as president-elect. Dr. Kwong also served as conference chair for ANAC 2017 conference in November.

Jacqueline Merrill, PhD, Scholarship & Research, has accepted a second term on the American Association of Colleges of Nursing Health Policy Advisory Council.



PHILANTHROPIC GIFTS

VAGELOS COLLEGE OF PHYSICIANS & SURGEONS

A donor made a contribution of \$250,000,000 to the Vagelos College of Physicians & Surgeons. A major portion of the gift, \$150 million, will endow a fund to help Columbia eliminate student loans for medical students who qualify for financial aid.

A family foundation made a \$5,000,000 commitment to the Vagelos College of Physicians & Surgeons to support the translational research of talented early-career physician-scientists.

A donor made a bequest of \$4,741,393 to Columbia University Irving Medical Center.

A family foundation gave \$2,500,000 to establish a professorship in the Department of Medicine.

A family made a \$2,500,000 contribution to establish a professorship in the Division of Pediatric Cardiovascular Surgery.

A family foundation made a \$2,500,000 commitment to establish a professorship in the Division of Cardiology.

A foundation made a \$1,250,000 pledge to the Division of Pediatric Hematology, Oncology, and Stem Cell Transplantation to advance research to help children and adolescents with cancer and hematologic disorders.

The Department of Psychiatry received a gift of \$1,100,000 from a charitable trust to support schizophrenia research.

A donor made a bequest of \$1,000,000 to the P&S 250th Anniversary Scholarship Campaign to provide scholarship support to the Vagelos College of Physicians & Surgeons.

An anonymous donor made a contribution of \$910,000 to advance research at the Taub Institute for Research on Alzheimer's Disease and the Aging Brain.

A family made a pledge of \$762,270 toward the establishment of a professorship in pediatric cardiology.

An anonymous donor made a contribution of \$633,265 to the Department of Obstetrics & Gynecology to advance family planning research.

A donor made a contribution of \$550,000 to support Velocity, Columbia's Ride to End Cancer.

A foundation made a \$450,000 pledge to support neuroscience research and education.



A donor made a contribution of \$350,000 to support the Day Treatment Program in the Department of Psychiatry.

An organization made a \$300,000 contribution to the Department of Biological Sciences to advance research in biochemistry and molecular biophysics.

A donor made a \$300,000 pledge to support renovation of the John J. Fenoglio Jr., M.D. Library in the Department of Pathology & Cell Biology.

A bequest of \$287,000 was realized to support an endowed fund in the Department of Pediatrics.

An organization made a contribution of \$262,500 to the Department of Ophthalmology to advance low vision care, medical education, and research data sharing.

A donor made a \$260,000 commitment to the Department of Surgery to support a fellowship fund for innovation in liver surgery.

A donor made a pledge of \$250,000 to the P&S 250th Anniversary Scholarship Campaign to provide scholarship support to the Vagelos College of Physicians & Surgeons.

A donor made a \$250,000 contribution to support the 2017 Crown Awards Gala.

A donor made a \$250,000 pledge to the P&S 250th Anniversary Scholarship Campaign to provide scholarship support to the Vagelos College of Physicians & Surgeons.

A corporation made a \$250,000 contribution to the Department of Surgery to advance research in plastic, craniofacial, and reconstructive surgery.

A donor made a contribution of \$200,000 to the P&S 250th Anniversary Scholarship Campaign to provide scholarship support to the Vagelos College of Physicians & Surgeons.

A donor made a \$150,000 gift to support clinical care at the Naomi Berrie Diabetes Center at Columbia University Irving Medical Center.

A donor made a \$126,500 commitment to the Department of Surgery to advance research toward finding new treatments for thoracic and thoracoabdominal aortic aneurysms.

A corporate foundation made a \$125,000 contribution to support Velocity, Columbia's Ride to End Cancer.

A family foundation made a \$125,000 gift to the Department of Ophthalmology to advance research in retinal diseases and disorders.

A family made a \$125,000 contribution to the P&S 250th Anniversary Scholarship Campaign to establish a scholarship fund at the Vagelos College of Physicians & Surgeons.

A donor made a \$125,000 contribution to the Department of Obstetrics & Gynecology to support research in infertility and reproductive endocrinology.

An organization made a gift of \$120,000 to the Department of Pediatrics to support blood and marrow transplant research in the Division of Pediatric Oncology.

A company made a \$120,000 contribution to provide fellowship support to the Division of Cardiology.

A bequest of \$116,250 was realized to support a lectureship in the Division of Pediatric Cardiology.

A foundation made a contribution of \$115,047 to advance pediatric orthopedic surgery research at the Weinberg Family Cerebral Palsy Center.

A bequest of \$100,000 was realized to support the Center for Lymphoid Malignancies to advance research and care for lymphoma and other hematological cancers.

A family foundation made a \$100,000 contribution to provide professorship support to the Division of Cardiology.

A family foundation made a \$100,000 contribution to the Department of Ophthalmology to advance clinical research toward discovering the most advanced medical and surgical treatments for glaucoma.

A donor made a \$100,000 gift to advance research in the Department of Obstetrics & Gynecology.

A donor made a gift of \$100,000 to advance research in the Division of Cardiology.

A donor made a gift of \$100,000 to advance research in the Division of Pediatric Cardiac Surgery.

A donor made a \$100,000 contribution to advance research in the Division of Cardiology.

A donor made a \$100,000 contribution to advance research at the Celiac Disease Center.

A donor made a \$100,000 contribution to support the 2017 Crown Awards Gala.

A donor made a \$100,000 gift to support the Dean's Futures Fund at the Vagelos College of Physicians & Surgeons.

A donor made a \$100,000 contribution to the Division of Mental Health Services and Policy Research to support the Global Mental Health Program.



A donor made a \$100,000 gift to the P&S 250th Anniversary Scholarship Campaign to establish a scholarship fund at the Vagelos College of Physicians & Surgeons.

A donor made a \$100,000 gift to provide fellowship support to the Division of Cardiology.

A donor made a \$100,000 gift to the Division of Cardiology to advance research on women's cardiovascular health.

A donor made a \$100,000 contribution to the Program for Global and Population Health.

A donor made a \$100,000 gift to the Department of Dermatology to support cutaneous oncological clinical care.

MAILMAN SCHOOL OF PUBLIC HEALTH

A foundation made a gift of more than \$375,000 toward a professorship in the Columbia Aging Center.

An individual made a contribution of \$100,000 to the Health Policy Management Research Fund.

An individual gave \$100,000 to Dr. Ian Lipkin's laboratory in the Center for Infection and Immunity.

SCHOOL OF NURSING

A foundation supported the School of Nursing's new building by naming the labor and delivery suite in the Helene Fuld Health Trust Simulation Center with a gift of \$300,000.

A foundation supported both scholarships and a clinical fellowship in palliative and end-of-life care at the School of Nursing with a gift of \$200,000.

An alumna of the School of Nursing endowed a scholarship with a gift of \$125,000.

CUIMC IN THE NEWS

[A Heart Risk Factor Even Doctors Know Little About](#)

The New York Times | Jan. 9, 2018

"People don't know about it, physicians don't know about it, and we have to get an education program out there, but that's expensive," said Dr. Henry N. Ginsberg, the Irving Professor of Medicine at Columbia University and a leading expert on lp(a). "I would say that somewhere



between 15 to 20 percent of the population would clearly benefit from knowing that this is their problem.”

[Columbia Invests \\$20M in Precision Dentistry Center](#)

Health Pulse (Crain's New York) | Dec. 20, 2017

Columbia University's College of Dental Medicine is turning dentists' chairs into data-collection hubs at its new \$20 million Center for Precision Dental Medicine. The high-tech center, which is being used to see patients and educate students, has taken over 16,000 square feet of Columbia's Vanderbilt Clinic in Washington Heights.

[With \\$250 Million Gift, Columbia's Medical School Looks to End Student Debt](#)

The New York Times | Dec. 4, 2017

Dr. P. Roy Vagelos, 88, the former chairman of Merck & Co., and his wife, Diana, are donating \$250 million to the school, \$150 million of which will fund an endowment that the school projects will ultimately enable it to underwrite its student financial aid.... With the gift, which is in addition to some \$60 million already donated by the couple, the medical school will be officially renamed the Columbia University Roy and Diana Vagelos College of Physicians and Surgeons, the president of Columbia, Lee C. Bollinger, announced on Monday evening.

[Air Pollution May Weaken the Bones](#)

The New York Times | Nov. 29, 2017

“Air pollution is like diluted smoking,” said the senior author, Andrea A. Baccarelli, a professor of environmental [health sciences] at the Columbia University Mailman School of Public Health. “Smoking causes cancer, cardiovascular disease, and bone mineral density loss. So does air pollution. Even at pollution levels the Environmental Protection Agency considers acceptable, there is still an increased risk.”

[Granting Researchers Success](#)

Inside Higher Ed | Nov. 27, 2017

A new study from Columbia University's School of Nursing suggests that institutions benefit from helping researchers write better grants.... Lead author Kristine M. Kulage, director of research and scholarly development in nursing at Columbia, said Tuesday that she thought the study's findings were “broadly applicable” not just to other health care fields but to those across the sciences.

[Gift of \\$600 Million to Help Fight Cancer](#)

The Wall Street Journal | Nov. 16, 2017

A \$600 million gift from a son of Brooklyn will support patient care and clinical programs for cancer research, Columbia University and NewYork-Presbyterian said Thursday.... Mr. [Herbert] Irving and his wife, Florence, who survives him, are longtime donors to Columbia University's medical center. The shared medical campus of Columbia University and NewYork-Presbyterian was renamed for Mr. and Mrs. Irving in September 2016.



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