



**Association of Medical School Pediatric Department Chairs
(AMSPDC)**

2020 Pediatric Leadership Development Program (PLDP)



**Hilton Long Beach
Long Beach, CA
February 27, 2020**



Association of Medical School Pediatric Department Chairs

Executive Office: 6728 Old McLean Village Drive • McLean, VA 22101-3906
Phone (703) 556-9222 • Fax (703) 556-8729 • www.amspsc.org • info@amspsc.org

PLDP Agenda for Thursday, February 27, 2020

Hilton Long Beach, Long Beach, CA **Pacific II**

7:15-7:45am	Breakfast <i>Networking</i>	
7:45-8:00am	AMSPDC Presidential Welcome and PLDP Overview	Sherin Devaskar, MD AMSPDC President Catherine S. Manno, MD PLDP Program Chair
8:00-9:30am	360 Evaluation Feedback	Ken Slaw, Leadership Consultant
9:30-9:45am	Break	<i>Join New Chairs in International III</i>
9:45-10:30	Faculty HR and Personnel Issues	Frederick Barr, MD, MBA University of Arkansas for Medical Sciences
10:30-11:15am	Fostering Environment and Culture	Catherine S. Manno, MD New York University School of Medicine Frederick Barr, MD, MBA University of Arkansas for Medical Sciences Patricia Emmaneul, MD University of Florida College of Medicine
11:15-11:30am	Break	<i>PLDP Scholars transition back to Pacific II</i>
11:30-11:45am	Final Project Presentation 8th Cohort (2019-2020)	Amy Brooks-Kayal, MD University of Colorado School of Medicine
11:45am-12:00pm	15 minutes each: 10 min talk, 5 min Q & A	Michael Bryant, MD, MBA University of Southern California Keck School of Medicine
12:00-12:15pm		Jennifer Friedman, MD, PhD Brown University The Warren Alpert Medical School
12:15-12:30pm		Steven Kernie, MD Columbia University Vagelos College of Physicians and Surgeons
12:30-12:45pm		Ian Paul, MD, MSc Pennsylvania State University College of Medicine
12:45-1:30pm	Lunch <i>Networking</i>	
1:30-2:15pm	Panel Discussion: Wellness and Burnout Within your Department and as a Chair	Michael Artman, MD Children's Mercy Kansas City & Kansas University Medical Center Loretta Cordova de Ortega, MD University of New Mexico School of Medicine Mary Leonard, MD Stanford University School of Medicine Catherine S. Manno, MD New York University School of Medicine
2:15-2:30pm	Project Presentations 9th Cohort (2020-2021)	Roberta DeBiasi, MD, MS Children's National Health System
2:30-2:45pm	15 minutes each: 10 min talk, 5 min Q & A	Bradley Marino, MD, MPP, MSCE Ann & Robert H. Lurie Children's Hospital of Chicago
2:45-3:00pm		Suzette Oyeku, MD, MPH Children's Hospital at Montefiore/Albert Einstein College of Medicine
3:00-3:15pm		Samir Shah, MD, MSCE Cincinnati Children's Hospital Medical Center
3:15-3:30pm		Yatin Vyas, MD University of Iowa Carver College of Medicine
3:45-4:45pm	Panel Discussion: Reflections on Being a Chair	Michael Artman, MD Children's Mercy Kansas City & Kansas University Medical Center Loretta Cordova de Ortega, MD University of New Mexico School of Medicine Catherine S. Manno, MD New York University School of Medicine
6:00-9:00pm	Reception and Dinner	Networking with New Chairs in Catalina



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Pediatric Leadership Development Program (PLDP)

2020-2021 Cohort Outline

Timeline

2020 AMSPDC Annual Meeting, Long Beach, CA	February 27, 2020
Fellow/Mentor Advising Sessions scheduled	Monthly
Peer-to-Peer Collaboration Sessions and Topic Calls scheduled	Monthly
Leadership Development Project abstract due	April 10, 2020
2021 AMSPDC Annual Meeting, St. Petersburg, FL	March 4 - March 7, 2021
Present Leadership Development project, advise Incoming Cohort	March 4, 2021

AMSPDC Annual Meeting

Scholars will be expected to attend 2 Annual AMSPDC meetings, first as the Incoming Cohort of Scholars, then as the Outgoing Cohort of Scholars. During the first meeting, Scholars will be presented with an orientation to the program, some seminal lectures on leadership, and given time to bond with their Cohort. They will also propose potential projects to work on during their fellowship and receive feedback.

The following year, the Outgoing Cohort will be expected to present their year-long projects and to give some advice to the Incoming Cohort on what worked and what did not work during their fellowship.

PLDP Committee Chair:

Catherine S. Manno, MD, New York University School of Medicine
Email: catherine.manno@nyumc.org

Questions, Registration, Travel Information:

Abigail Blake, AMSPDC
Email: abigail@amspsc.org

PLDP Mentorship Program

This component will consist of matching the candidate to a chair who matches their leadership interests. The mentors will be members of AMSPDC who meet the mentorship criteria set by the AMSPDC Pediatric Leadership Development (PLDP) Committee.

The mentor will then serve as support to the candidate during, and if desired by both parties, following the yearlong program. Regular (at least monthly) communication will be encouraged between the mentor and mentee for trouble shooting, advice, etc. Furthermore, the mentee will be given the opportunity to visit the mentor for a few days to observe the day-to-day activities of the mentor in their chair role (additional costs).

PLDP Mentorship Liaison:

Catherine S. Manno, MD, New York University School of Medicine
Email: catherine.manno@nyumc.org

PLDP Peer-to-Peer Collaboration

This component will allow members of each year's Cohort to connect and rely on each other for support and information and possibly work in teams during the leadership program on their projects (see below). Scholars will be connected, at least quarterly, via one hour conference calls to enable joint learning or brainstorming on topics agreed on by the group. There will also be an online feature that will allow Scholars to share documents, ideas, etc.

PLDP Peer-to-Peer Collaboration Liaisons:

Catherine S. Manno, MD, New York University School of Medicine

Email: catherine.manno@nyumc.org

Website and Call Schedule Questions:

Abigail Blake, AMSPDC

Email: abigail@amspdc.org

PLDP Leadership Development Project

Scholars will be encouraged to develop projects that will be of value to their home department. These projects will be done in conjunction with, and have the approval of, the Scholar's Chair and/or immediate supervisor.

PLDP Scholar Project Liaisons:

Catherine S. Manno, MD, New York University School of Medicine

Email: catherine.manno@nyumc.org



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PLDP Committee Members

Catherine Scott Manno, MD, Committee Chair

Dr. Manno joined NYU Langone Health in 2008 as Chair of the Department of Pediatrics and Physician-in-Chief of Hassenfeld Children's Hospital. In her role as chair, Dr. Manno has been a driving force for the growth and expansion of pediatrics at NYU Langone and the introduction of Hassenfeld Children's Hospital. In 2017, nearly 250,000 pediatric patients received treatment in our outpatient locations across the New York metropolitan area—over triple the amount of patients in 2013. She has been instrumental in the recruitment of over 70 pediatric specialists and subspecialists in more than 20 clinical areas. She has also grown our general pediatric practices across the region to over 35 offices in just three years.

Pediatric medical research and education has also grown dramatically under Dr. Manno's leadership. In 2017, pediatrics and pediatric specialties at NYU Langone boasted 117 active grants, of which 31 were NIH or NIH-equivalent grants, and totaled nearly \$23 million in revenue. Our pediatric residency program trained 60 residents and was a leading choice for ongoing medical education due in large part to our commitment to diversity and exposure to diverse patient populations.

Dr. Manno is an internationally recognized pediatric hematologist who helped to develop pioneering approaches for the treatment of bleeding disorders. Her research has focused on bleeding disorders in children, particularly those with hemophilia. She led early phase clinical trials evaluating the safety and efficacy of AAV-mediated gene transfer in adults with hemophilia B, factor IX deficiency. She has also been interested in transfusion safety and efficacy in infants and children.

Dr. Manno came to NYU Langone from the Children's Hospital of Philadelphia, where she had been a faculty member for over twenty years. She is a fellow of the American Academy of Pediatrics, a member of the American Pediatric Society, a former Chair of the NIH-NHLBI Program Project Review Committee and a member of the Board of the American Medical School Pediatric Department Chairs. Dr. Manno co-leads KiDS of NYU Langone, a partnership of parents, physicians, and friends that supports and fosters cutting-edge programs and research that enable children to receive the most expert, compassionate care possible at Hassenfeld Children's Hospital. She also co-leads the Children's Services Steering Committee at Hassenfeld Children's Hospital.

Under Dr. Manno's leadership, The Hassenfeld Children's Hospital (HCH) opened in June, 2018. HCH is a 160,000-squarefoot facility with 68 single-patient rooms—the only pediatric inpatient facility with this feature in Manhattan. More than 400 doctors from 35 specialties provide inpatient and outpatient care for common and complex childhood conditions, including a Pediatric Intensive Care Unit and Congenital Cardiovascular Care Unit; surgery services; cardiac catheterization, electrophysiology, and bronchoscopy labs; positive and negative pressure isolation units; procedural and surgical services; and the KiDS Emergency Department.

Michael Artman, MD

Dr. Artman is the Joyce C. Hall Eminent Scholar in Pediatrics and Chair of the Department of Pediatrics. He also serves as Senior Vice President and Pediatrician-in-Chief. He is Professor and Chair of Pediatrics at the University of Missouri-Kansas City School of Medicine and the University of Kansas School of Medicine. Dr. Artman received his AB in chemistry from Fort Hays State University and is a graduate of Tulane University School of Medicine. He completed his pediatric residency and pediatric cardiology fellowship training at Vanderbilt University. Dr. Artman's clinical and research interests are in cardiovascular pharmacology and heart failure in children. He has published numerous papers, books, and book chapters on these and related topics. He has served on a variety of local, regional, national and international committees and scientific Association of Medical School Pediatric Department Chairs peer review committees. Dr. Artman is currently Immediate Past President of the Association of Medical School Pediatric Department Chairs (AMSPDC).

Loretta Cordova de Ortega, MD, FAAP

Dr. Cordova de Ortega is the Chair of the Department of Pediatrics at the University of New Mexico Health Sciences Center and Physician in Chief of UNM Children's Hospital. Dr. Cordova de Ortega is a General Pediatrician and has devoted the majority of her practice to children with special health care needs, chronic medical conditions and Spanish speaking families.

Dr. Cordova de Ortega received her bachelor's degrees in Human Biology and Spanish from Stanford University and her MD from the University of New Mexico School Of Medicine. She completed her residency at the UCLA Medical Center before returning to New Mexico to join the faculty in the Department of Pediatrics in 1991.

Dr. Cordova de Ortega has served at UNM as the Medical Director of all pediatric general and specialty ambulatory clinics, Chief of Clinical Operations and Vice Chair of the Department of Pediatrics. She has served on numerous department, hospital and Health Sciences Center committees and leadership positions. Within the School of Medicine, she is the co-chair of the Minority Women in Medicine Committee and is a member of the selection committee for the BA/MD Program.

Dr. Cordova de Ortega served as interim chair from 2006-2008 and has been the Chair of the Department of Pediatrics since 2008. She has assisted the School of Medicine in making great strides to promoting and supporting pediatric research, and has worked to strengthen all of the department's clinical and academic programs. Dr. Cordova de Ortega enjoys spending time with her 4 children, husband and two west highland terriers.

Stephen R. Daniels, MD, PhD

Dr. Stephen R. Daniels is a professor and chair of the Department of Pediatrics at the University of Colorado School of Medicine and Pediatrician-in-Chief and L. Joseph Butterfield Chair in Pediatrics at Children's Hospital Colorado. He held numerous academic and clinical appointments at the University of Cincinnati College of Medicine and Cincinnati Children's Hospital before joining the University of Colorado School of Medicine in 2006. He received his MD from the University of Chicago; his MPH from Harvard University; and his PhD in Epidemiology from the University of North Carolina.

Dr. Daniels' area of expertise is preventive cardiology, with a longtime interest in the application of sophisticated epidemiologic and biostatistical methods to pediatric clinical research problems. His studies have focused on better understanding the causes of blood pressure elevation and cholesterol abnormalities in children and adolescents, particularly the role that obesity may play in these health issues. He has also researched the development of structural and functional abnormalities in the heart and vascular system, including cardiovascular abnormalities occurring in pediatric patients with diabetes mellitus, as well as the relationship of left ventricular

hypertrophy to obesity and hypertension. The role of lifestyle factors, such as diet and physical activity, is central to many of Dr. Daniels' studies. Dr. Daniels has served as Associate Editor for the Journal of Pediatrics since 1995. He is co-author of *Medical Epidemiology*, an introductory textbook for medical students, and co-author and editor of the book *Pediatric Prevention of Atherosclerotic Cardiovascular Disease*. In 2015, he was awarded the Gold Heart Award by the American Heart Association, which is the AHA's highest volunteer honor.

Gerald M. Loughlin, MD

An internationally-recognized authority on pediatric respiratory diseases, including asthma, cystic fibrosis and sleep apnea, Dr. Gerald Loughlin is the Nancy C. Paduano Professor and Chairman of Pediatrics at Weill Cornell Medicine and the Pediatrician-in-Chief at New York-Presbyterian Phyllis and David Komansky Children's Hospital/Weill Cornell Medical Center. He is board certified in pediatrics and pediatric pulmonology.

He received his M.D. from the University of Rochester and a Master's of Science (M.S.) in Business Health Care Finance and Administration from Johns Hopkins University. He has served on the Board of Directors of several major healthcare organizations, including the Board of the American Thoracic Society, and the Mount Washington Pediatric Hospital.

The recipient of many awards and honors, Dr. Loughlin is ranked as one of New York Magazine's Best Doctors and Castle Connolly's America's Top Doctors. He has authored numerous publications, and is co-editor of two textbooks focused on diagnosis and management of respiratory diseases in children, and pediatric sleep and breathing disorders.



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Pediatric Leadership Development Program (PLDP)

Cohort 9 (Incoming Scholars) – Biographies



Roberta Lynn DeBiasi, MD, MS is Chief of the Division of Pediatric Infectious Diseases, Co-Director of the Congenital Zika Program and Co-Lead of the Ebola and Highly Contagious Infectious Disease institutional preparedness at Children's National Hospital (CNH) in Washington DC. She holds appointments as tenured Professor of Pediatrics and Microbiology, Immunology and Tropical Medicine at George Washington University School of Medicine as well as Principal Investigator in the Center for Translational Research within Children's Research Institute.

After graduating Phi Beta Kappa from Boston University, she received her Doctorate in Medicine at the University of Virginia School of Medicine, and completed internship and residency in Pediatrics at the University of California, Davis Medical Center. She completed her fellowship in Pediatric Infectious Diseases at the University of Colorado/Denver Children's Hospital and served on the faculty for ten years in

Denver, prior to joining Children's National/GWU in 2005.

Dr. DeBiasi treats normal and immunocompromised children hospitalized with severe infections at Children's National Hospital. She is designated as a Top Doctor for Northern Virginia and by Washingtonian Magazine. Dr. DeBiasi's research expertise includes basic science as well as clinical/translational research. She serves as Principal Investigator for research and multiple clinical trials focusing on severe and emerging viral infections. Research awards have included the Infectious Diseases Society of America Young Investigator Award, as well as the John Horsley Prize from UVA. She co-leads the CNHS Ebola and Emerging Infections Task Force, the Acute Flaccid Myelitis Task Force, and the CNHS Congenital Zika Program, interfacing with regional, national and international authorities in these roles. She evaluates and manages pregnant women and infants with Zika exposure and infection, and is performing Zika-focused research in the US and South America.

Dr. DeBiasi has authored over 80 original research, review articles, and book chapters. She greatly enjoys teaching and mentoring graduate and medical students, residents, and fellows in the classroom, the hospital wards, and in research. She is also actively engaged in continuing medical education for community physicians, outreach to the community, and educating the public via media appearances on NPR radio, local and national newspaper and television.

Department Chair: Stephen Teach, MD



Bradley S. Marino, MD is a Professor of Pediatrics and Medical Social Sciences at the Feinberg School of Medicine at Northwestern University. Dr. Marino is the creator and Director of the Center for Cardiovascular Innovation in the Stanley Manne Children's Research Institute at Ann & Robert H. Lurie Children's Hospital (Lurie Children's). He is the Heart Center Co-Director of Research and Academic Affairs, Cardiology Inpatient Director and Medical Director of the Regenstein Cardiac Care Unit, and the Co-Director of the NICU-Cardiac Neurodevelopmental Program at Lurie Children's. He also leads the Cardiovascular Bridge Programs between Lurie Children's and Northwestern Medicine. At Northwestern University he serves as the Co-Director of the Neurodevelopmental Core within the Institute for Innovations in Developmental Sciences.

Dr. Marino earned his medical degree from Harvard Medical School and a Master's degree in Public Policy from the John F. Kennedy School of Government at Harvard University. He completed his pediatric residency at Johns Hopkins Hospital and a combined fellowship in Pediatric Cardiology and Pediatric Critical Care Medicine at The Children's Hospital of Philadelphia. While at the University of Pennsylvania Dr. Marino completed a Master's of Science degree in Clinical Epidemiology at the Center for Clinical Epidemiology and Biostatistics. He is presently completing a Master's degree in Business Administration in Healthcare Management at the University of Texas-Dallas Naveen Jindal School of Management.

Dr. Marino is an internationally recognized pediatric cardiovascular disease outcomes researcher. Dr. Marino's research interests focus on the impact of surgical and intensive care unit factors on mortality and morbidity, as well as, the impact of neurodevelopmental, psychosocial, and physical morbidities on quality of life, functional status, and behavioral and emotional outcomes in the high-risk complex congenital heart disease population. Dr. Marino's scientific work has been supported through grants from the National Institute of Health, the American Heart Association, the Children's Heart Foundation, and other national foundations. He has published more than 150 peer-review publications and written or edited more than a dozen books and 70 book chapters on pediatric cardiology and general pediatric medicine. He has been invited to give more than 150 international and national lectures and talks.

Dr. Marino is a national leader and advocate for children with congenital and acquired heart disease. He has served as the American Heart Association Chair of the Council on Cardiovascular Disease in the Young (Young Hearts), the inaugural Co-Chair for the international Cardiac Neurodevelopmental Outcome Collaborative, and the Chair of the Medical Advisory Board for the Pediatric Congenital Heart Association. He presently serves as the President of the American Heart Association Chicago Metropolitan Board and on the Executive Committee for the Section on Cardiology and Cardiac Surgery in the American Academy of Pediatrics. Dr. Marino has been awarded the Pediatric Congenital Heart Association Heart Hero Award, Cardiac Neurodevelopmental Outcome Collaborative Newburger-Bellinger Award, and the Congenital Heart Foundation Congenital Heart Defect Champion Award.

Department Chair: Cynthia Rigsby, MD



Suzette Oyeku, MD, MPH is Chief of the Division of Academic General Pediatrics at the Children's Hospital at Montefiore (CHAM). She is also Professor of Pediatrics at the Albert Einstein College of Medicine. Dr. Oyeku manages the clinical, research, advocacy and educational missions of the division in addition to being responsible for faculty and staff development. Dr. Oyeku is a general pediatrician with expertise in health services research, implementation science and the use of quality improvement methods to disseminate effective care strategies and improve care and patient outcomes for children with chronic diseases such as sickle cell disease. Dr. Oyeku's research activities are focused on understanding health services utilization patterns and improving the quality of care for children and adolescents with sickle cell disease. Dr. Oyeku also serves as Medical Director for the Health Resources and Services Administration (HRSA) funded Sickle Cell Disease Treatment Demonstration Program National Coordinating Center at the National Institute for Children's Health

Quality (NICHQ). On a regional and national level, Dr. Oyeku has also served on advisory panels and committees focused on sickle cell disease and improving healthcare quality for children and adolescents. She has also served as Treasurer for the Academic Pediatrics Association, a professional society representing 2,000 child health providers in the US.

Dr. Oyeku holds a Bachelor of Science degree in Biomedicine from the Sophie Davis School of Biomedical Education at the City College of New York. Dr. Oyeku received her medical degree from the New York University School of Medicine and completed her pediatric residency training at the Boston Combined Residency Program in Pediatrics at Boston Children's Hospital and Boston Medical Center. Dr. Oyeku also completed fellowship training at the Harvard Pediatric Health Services Research Fellowship program at Boston Children's Hospital. She received her Master's degree in Public Health with a concentration in clinical effectiveness at the Harvard School of Public Health. She is an alumna of the Hedwig van Ameringen Executive Leadership in Academic Medicine (ELAM) program of Drexel University College of Medicine. Dr. Oyeku is also actively engaged in community education activities and serves as an ordained deacon at Grace Baptist Church in Mount Vernon, NY.

Department Chair: Michael Cabana, MD, MPH



Samir S. Shah, MD, MSCE, is a Professor of Pediatrics at the University of Cincinnati College of Medicine. He is Chief Metrics Officer and Director of the Division of Hospital Medicine at Cincinnati Children's Hospital Medical Center, where he also holds the James M. Ewell Endowed Chair. Clinically, he practices both Pediatric Hospital Medicine and Pediatric Infectious Diseases.

Nationally, he is the new Editor-in-Chief for the Journal of Hospital Medicine, the official journal of the >17,000 member Society of Hospital Medicine, and Vice Chair for the Pediatric Research in Inpatient Settings (PRIS) Network, a multicenter, hospital-based research network with >110 hospital members.

Dr. Shah attended medical school at Yale and completed pediatric residency training as well as fellowship training in Pediatric Infectious Diseases and Academic General Pediatrics at The Children's Hospital of Philadelphia. Dr. Shah's research focuses on improving the efficiency and effectiveness of care for hospitalized children with emphasis on common serious infections such as pneumonia and meningitis.

He receives research support from the Agency for Healthcare Research and Quality, the Patient-Centered Outcomes Research Institute, and the Children's Hospital Association. Dr. Shah is Chair of the National Pneumonia Guidelines Committee, jointly sponsored by the Infectious Diseases Society of America and the Pediatric Infectious Diseases Society. He has authored more than 300 peer-reviewed research publications and >150 chapters and reviews. In addition, he is editor or co-editor of 12 books in the fields of pediatrics and infectious diseases. Dr. Shah has received several prestigious research awards, including the Pediatric Infectious Diseases Society Young Investigator Award, the Society of Hospital Medicine Excellence in Research Award, the inaugural 2015 Pediatric Hospital Medicine Excellence in Research Award, and the Academic Pediatric Association's Miller-Sarkin Mentoring Award. In 2019, he received the Master of Hospital Medicine, the Society of Hospital Medicine's highest honor, for his substantive contributions to the development of hospital medicine as an academic discipline.

Department Chair: Margaret K. Hostetter, MD



Yatin M. Vyas, MD, MBBS is a tenured Professor of Pediatrics at the Carver College of Medicine of the University of Iowa, Iowa city, where he has been employed since 2013. He is the Division Director of Pediatric Hematology-Oncology, Vice Chair for Research of the Stead Family Department of Pediatrics, Member of the executive leadership advisory committee of the NCI-designated Holden Comprehensive Cancer Center, and Assistant Director of the College of Medicine's Physician-Scientist Training Program (PSTP). Prior to Iowa, he was a faculty member in the Department of Pediatrics, Children's Hospital of Pittsburgh of the University of Pittsburgh Medical Center (UPMC) (2005-2013), and at the Memorial Sloan-Kettering Cancer Center (1995-2005), where he was a faculty member in the Department of Pediatrics (2002-2005). Before arriving in the United States in 1993, he served in a leadership position in a multi-disciplinary, matrixed health system in India (1990-1993). Dr. Vyas is board-certified in Pediatric Hematology-Oncology subspecialty by the American Board of Pediatrics and also holds certifications in Leadership

Development for Physicians in Academic Health Centers from the Harvard School of Public Health and Katz School of Business, University of Pittsburgh. The research focus of Dr. Vyas' lab is to understand human T cell immune responses, in health and disease. To that end, his lab has chosen to use the genetic disease model of Wiskott-Aldrich syndrome (WAS)- an inborn error of immunity, to determine the partners and pathways of WAS protein (WASp) participation in the regulation of adaptive immunity. Research from his laboratory was essential in revealing for the first time an evolutionarily-conserved, novel nuclear role for WASp in gene transcription, at the chromatin level. This discovery was a paradigm-shift for the field. His research has been funded by the National Institutes of Health (NIH) since 2002, having received multiple R01/R21 awards as a principal investigator, in addition to awards from the American Society of Hematology (ASH) and the United States Immune Deficiency Network (USIDNET). Dr. Vyas has keen interest in developing mechanisms to leverage the three missions of academic pediatrics (educational, clinical, research) as a "consumer product" in order to optimize philanthropic and business components of children's health care system.

Department Chair: Eva Tsalikian, MD



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Pediatric Leadership Development Program (PLDP)

Cohort 8 (Outgoing Scholars) – Biographies



Amy Brooks-Kayal, MD is a Professor of Pediatrics, Neurology and Pharmaceutical Sciences, Section Head and Ponzio Family Chair of Pediatric Neurology, and Co-director of the Translational Epilepsy Research Program at the University of Colorado School of Medicine, Skaggs School of Pharmacy and Pharmaceutical Sciences, and Children's Hospital Colorado. She trained in Pediatrics and Neurology at Johns Hopkins University, University of Pennsylvania and Children's Hospital of Philadelphia. She joined the University of Colorado in 2008 after 13 years on the faculty at University of Pennsylvania and Children's Hospital of Philadelphia. Her area of clinical focus is pediatric epilepsy and her research focuses on regulation of neurotransmitter systems during epilepsy and epileptogenesis, with particular emphasis on GABAA receptor expression regulation by the JAK/STAT pathway, and targeting these molecular changes to develop disease modifying therapy. Dr. Brooks-Kayal has benefited from leadership opportunities at an institutional and national level. In the past 10 years under her leadership, the section of Pediatric Neurology and Neuroscience Institute at Children's Hospital Colorado and University of Colorado has experienced tremendous growth in its size, capabilities and national reputation. She is also a Past President and previous member of the Executive committee and Board of Directors of the American Epilepsy Society, a member of the NIH/NINDS Advisory Council and Commission on North American Affairs of the International League Against Epilepsy, a Director of the American Board of Psychiatry and Neurology, and an active member of the American Neurological Association, Child Neurology Society, Society for Neuroscience and American Academy of Neurology.

Department Chair: Stephen Daniels, MD



Michael Bryant MD, MBA, is currently the Division Chief of Hospital Medicine at Children's Hospital of Los Angeles (CHLA) where he has worked for over 20 years. He began his undergraduate education at the United States Military Academy at West Point and then earned his undergraduate degree in Physiology at the University of California at Davis in 1983. He obtained his Medical Degree at the University Of Cincinnati College Of Medicine in 1987 and his Masters in Business Administration from the Anderson School of Business at UCLA in 2003. He has held numerous clinical positions at CHLA and was most recently the Deputy Head of the Division of General Pediatrics before becoming Head of the newly formed Division of Hospital Medicine in November of 2009. He has served on the Board of the physician practice at CHLA for many years, Children's Hospital Medical Group (CHLAMG), chairing its Operations and Business Development Committees, as well as serving as Vice President of the Board and a member of the Contracting Kitchen Cabinet. He has also served as a Trustee on the Board of Alta Med Health Services Corporation and

chaired its Quality Review Committee as well as the Boards of several community organizations including Park Century School and the Hollywood School House.

Department Chair: Robert Shaddy, MD



Jennifer Friedman, MD, PhD is a graduate of Brown University (Magna cum Laude, 1992) where she also was awarded the MD degree in 1996. During medical school, she received a Fulbright Scholarship to conduct postdoctoral research at the Centers for Disease Control and Prevention's (CDC) field station in Kisumu, Kenya. She then completed her residency in Pediatrics at the Children's Hospital of Philadelphia in 2000 and went on to complete a fellowship in General Pediatrics at the Boston Children's Hospital and earned an MPH from Harvard in 2002. During her fellowship, Dr. Friedman wrote a successful NIH K award, which allowed her to join the Department of Pediatrics at Hasbro in 2002. Together with a colleague in Pathology, she co-founded the Center for International Health Research at Rhode Island Hospital in 2005, first as the Director of Clinical Studies and now as Center Director. She completed her PhD (2006) in Epidemiology and Biostatistics based on work from Kenya and her fellowship at Boston Children's. Throughout this time, she has mostly dedicated her effort to maternal-child global health research and

also devotes 20% effort as a practicing pediatrician in the Division of Ambulatory Pediatrics at the Hasbro Children's Hospital. Dr. Friedman became Director of this Division in 2016.

Her career has largely focused on collaborative NIH and Foundation grants addressing mechanisms of parasitic disease morbidity among women and children and identifying best approaches to mitigate this. Dr. Friedman's collaborative work has helped established schistosomiasis as a chronic inflammatory disease culminating in pediatric undernutrition, anemia of inflammation, and adverse pregnancy outcomes. Together with collaborators, she has published close to 70 manuscripts in this area.

During her career, Dr. Friedman has also had the privilege to provide scientific mentorship for over 25 individuals at various stages of career development, including primary mentorship of 6 clinical junior faculty members and four post-doctoral students. In 2015, she received an NIH K24 "Mentoring" award to provide dedicated time to mentor physician scientists conducting patient-oriented research. She taken on leadership roles at her institution and nationally, for example as Associate Editor for PLoS NTD and chair of the Schistosomiasis Scientific Committee for our international organization, American Society of Tropical Medicine and Hygiene.

Department Chair: Phyllis Dennerly, MD



Steven Kernie, MD is a Professor of Pediatrics (in Neurology) at Columbia University in New York and Chief of Critical Care Medicine at New York Presbyterian Morgan Stanley Children's Hospital at the Columbia University Irving Medical Center. His research interests focus on acquired brain injuries in children and he leads a laboratory that investigates how the brain repairs itself following injury. After studying Human Biology at Stanford University, Dr. Kernie obtained his M.D. degree from the University of Washington in 1992. He was a pediatrics resident, chief resident, and pediatric critical care fellow at UT Southwestern Medical Center/Children's Medical Center Dallas from 1992 to 1999. During his fellowship, he joined the laboratory of Luis Parada, Ph.D., where he studied how neurotrophins affect feeding behavior in mice. Dr. Kernie then developed an independent research program investigating how the brain repairs itself following acquired brain injuries due to trauma and hypoxia. He was on the faculty at UT Southwestern from 1999 to 2011 where he established a laboratory on brain injury and continued to care

for patients in the PICU at Children's Medical Center Dallas. During that time, he was the director of the pediatric critical care fellowship program at UT Southwestern/Children's Medical Center Dallas, the medical director for research administration at Children's Medical Center 13 Dallas, and the co-director of the Perot Family Center for Brain and Nerve Injuries at Children's Medical Center Dallas. He was recruited to Columbia in 2011 to be chief of the division of pediatric critical care medicine and director of critical care services at New York Presbyterian Morgan Stanley Children's Hospital.

Dr. Kernie's laboratory is focused on elucidating mechanisms of brain self-repair following injury. The Kernie lab has developed a number of novel mouse transgenic animals that allow for specific ablation or activation of hippocampal neural stem cells, which are known to provide neurons to critical areas of the brain throughout life. His lab was the first to describe the phenomenon of injury-induced neurogenesis and subsequently experimentally demonstrated that this response is required for recovery from traumatic brain injury. These studies have been highlighted in *Scientific American*, *US News and World Reports*, and *Science News* for their impact on how we view and potentially treat devastating brain injuries in children and adults. Since joining Columbia University, he remains focused on these lab-based studies that investigate mechanisms underlying self-repair following injury and he has maintained continual funding from the NIH for his work since 2001.

Department Chair: Jordan Orange, MD



Ian Paul, MD, MSc is Professor of Pediatrics and Public Health Sciences at the Pennsylvania State University College of Medicine, Chief of the Division of Academic General Pediatrics and Vice Chair of Clinical Affairs in the Department of Pediatrics at Penn State Children's Hospital in Hershey, PA. His education includes receipt of a B.A. from Franklin and Marshall College (cum laude) with a major in Chemistry (with honors), graduate degrees (M.D. and M.Sc.) from The Penn State College of Medicine, and completion of a pediatric residency at Duke University.

For the past 16 years, Dr. Paul has been a general pediatrician and clinical and health services researcher with principal interests in both primary preventive interventions for newborns, infants, and families and clinical therapeutics for children. His research focuses on these two areas with the largest current NIH/NIDDK-funded projects focusing on the prevention of childhood obesity through home-based interventions delivered to parents of infants. His team's work in this field includes the first ever study to demonstrate that behavioral interventions delivered in the months after birth can lead to slower weight gain through age 1 year. He has also been funded by HRSA/MCHB on projects related to newborn weight loss and breastfeeding, research that generated the first ever nomograms depicting newborn weight loss for exclusively breastfed and exclusively formula fed term neonates during the birth hospitalization. He is a co-investigator on numerous NIH-funded projects related to co-parenting, infant sleep, prevention of Shaken Baby Syndrome, prevention of adverse pregnancy outcomes and the treatment of asthma, the latter through participation as a co-investigator on the NHLBI-funded network, AsthmaNet. In total, Dr. Paul has published over 100 peer-reviewed scientific publications including those published in the New England Journal of Medicine, Proceedings of the National Academy of Sciences, JAMA Pediatrics, Pediatrics, Obesity, Annals of Emergency Medicine, and Journal of Allergy and Clinical Immunology.

Dr. Paul has held leadership positions with the American Academy of Pediatrics including service on the Committee on Drugs (2010-2016). He is also a steering committee member for the NIH's Pediatric Trials Network (PTN), co-investigator for the Coordinating Center for NIH's Environmental Influences on Child Health Outcomes (ECHO) network, and a participant in the CDC's PROTECT initiative, which seeks to prevent unintended ingestions and overdoses of medications by children.

Department Chair: Sarah Iriana, MD

Scholar	Mentor
Dr. Amy Brooks-Kayal University of Colorado School of Medicine	Dr. Joseph St. Geme, III University of Pennsylvania School of Medicine
Dr. Michael Bryant University of Southern California Keck School of Medicine	Dr. Mary Leonard Stanford University School of Medicine
Dr. Jennifer Friedman Brown University The Warren Alpert Medical School	Dr. Robert Vinci Boston University School of Medicine
Dr. Steven Kernie Columbia University Vagelos College of Physicians and Surgeons	Dr. Anna Spagnoli University of Nebraska Medical Center
Dr. Ian Paul Pennsylvania State University College of Medicine	Dr. Max Coppes University of Nevada-Reno School of Medicine