

Duke Medicine-Pediatrics

Fall 2022 Newsletter

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Duke Med-Peds Alumnus Highlight: Matthew Harbison, MD

What had attracted you to **Duke Med-Peds and/or Durham?**

As I started my residency search, I looked at programs across the country. Due to reputation and location, Duke was on my list. During my interview days (it was 2 days then), I was impressed by the program

multidimensional with a diverse set of interests outside of medicine. Those interests were just part of who they are and did not appear to be forced into an interview weekend. The friendships appeared genuine and deep which reflects my experience from my time in Durham.

but it was the Med-Peds dinner that convinced me this was the place to train. There were representatives of all classes. The sense of community and family was obvious. I wanted to be a part of the community I experienced during my interview and I was convinced that being part of the Duke Med -Peds program would prepare me to be the best physician I could be but more importantly would make me a better person. The residents I met were

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Dr. Harbison and family

How did you get your start here?

When I started, we had a class of 6 with 2 of my class entering from Duke Medical school. Jane (Trinh) and

Matt (Ellis) helped us meet people and get to know Durham. My first rotation was the VA wards and that is a great introduction to residency and new classmates. Our intern year was the last year before the 80 hour work week. We supported each other as a small class (our 6 became 4) but our

> medicine and pediatric classes kept us involved across all three programs.

We were lucky that our clinic experience allowed our class to have clinic together weekly across all four years - this kept us close and connected even when we were spread out across on different rotations throughout residency. Our other med-peds clinic session was shared with other classes; this allowed us to be mentored in the early years and ultimately mentor in the

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HELLO FROM THE NEW PROGRAM DIRECTOR!

Greetings from Durham! With great excitement and enthusiasm (and a healthy dose of disbelief), I start my journey as the new Duke Med-Peds Residency Program Director. I feel fortunate to have completed my training in this program, and to have grown and learned from the very best in medical education. Over the last 4.5 years, I served as the Associate Program Director under Dr. Trinh, gaining the skills and knowledge required to be a PD. But to be a great PD like my predecessors will require much more work. I'm incredibly proud of our residency program, and I look forward to the work ahead and what the future holds for

Quke Med-Peds. -Colby Feeney





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Continued, Harbison

latter years.

Who were your mentors throughout training?

There were so many across my four years, some formal and many in an informal role. Sue (Woods) was the most influential mentor affecting my career. Sue was a meticulous physician with the ability to genuinely connect with patients. She has an ability to draw out critical details and put together the clinical story so effectively. I used to joke that I would spend a day with a patient and Sue would come in and say "so..." and the critical details would be revealed. The Infectious Disease faculty are Case and Care Manstands out to me for their overall skills and



approach to diagnosis and treatment. In my opinion, one of the greatest strengths of our program and our categorical programs in Internal Medicine and Pediatrics is that many of my mentors were classmates, some with more experience and some who matriculated after we started.

What are you doing now?

I am currently the Chief Medical Officer/System Vice President of Care Coordination and Hospitalist Medicine at Memorial Hermann Health System in Houston, Texas. My spheres of influence agement, System Utilization Review, Behavioral philosophy related to the Health, our employed Hospitalist and Supportive Medicine programs, and I am the executive sponsor of our CMS BPCI-A (Bundled Payments for Continuous

Improvement-Advanced)

program.



Med-Peds Graduation Dinner 2022

How did you get to where you are now?

My first job out of residency was at the University of Michigan as a Med -Peds hospitalist. I spent a year in Ann Arbor and then transitioned back to Houston where I went to medical school. I returned to the University of Texas McGovern Medical School as a Med-Peds academic attending. I became an Associate **Program Director for** Internal Medicine and Internal Medicine and Pediatrics programs. A few years later I was asked to start a hospitalist program for our Texas Medical Center campus.

When the program started, I was the only hospitalist, and I was fortunate to attract a talented group of hospitalists and together we built a strong program. I transitioned the leadership program 9 years later to one of the original four docs to join our program. We were a 40 physician program at Memorial Hermann Texas Medical Center campus. As our program grew we integrated into multiple service lines. We are most proud of our support of the Level 1 trauma team and transplant teams.

During those 9 years, I became involved in quality and process improvement. case and care management, information technology which pulled Continued page 3



Duke Med-Peds, Class of 2022

Samantha Dizon: Adult Cardiology Fellowship, Columbia

Erin Frost: Pediatric Hematology-Oncology Fellowship, Emory

Grace Lee: Pediatric Co-Chief Resident, Duke

Kevin Prier: Private Practice Med-Peds Primary Care, Idaho

Zach Sutton: Med-Peds Hospitalist, Vidant Duplin Hospital, North Carolina

Christopher Zheng: Adult Pulmonary/ Critical Care, Mayo Clinic



MP-4 resident Emily Zalimeni with MP faculty Dan Ostrovsky at **NC Pediatric Society Meeting**



Olivia Granillo Johnson (2012) was named Chief Hospitalist at St. Thomas Rutherford in Murfreesboro, Tennessee.

David Ming (2010) was promoted to Associate Professor of Medicine and Pediatrics, effective July 1, 2022. **Aimee Chung (2009)** was named one of the Duke School of Medicine Advisory Deans.

Christian Ramers (2007) was awarded the James T. Hay, MD Award 2022 by the San Diego County Medical Society for 'sustained heavy lifting and service beyond the call of duty' for his work for San Diego community during the COVID-19 pandemic.

Tim Mercer (2015) is the JP 's Peace, Love, and Happiness Endowed Chair of Department of Population Health and Associate Professor at UT Austin Dell School of Medicine.

Carolyn Avery (2013) was promoted to Associate Professor of Internal Medicine and Pediatrics at Duke, effective January 2023.

Priya (Gopwani) Jain (2011) published in JGME about the value of longitudinal coaching in pediatric subspecialties.

Anita Ying (2003) was Promoted to Professor, Endocrine Neoplasia and Hormonal Disorders, Internal Medicine and Pediatrics in September 2021.

Jon Bae (2009) was named Chief Quality Officer at Duke University Hospital.

Jennifer Taylor-Cousar (2002) leading CF care. **Clifton D (2016)**, **Ivey N**, Poley S, O'Regan A, Raman SR, Frascino N, Hamilton S, **Setji N**. Implementation of a comprehensive hospitalist-led initiative to improve care for patients with opioid use disorder. J Hosp Med. 2022 May 10. doi: 10.1002/jhm.12837. Epub ahead of print. PMID: <u>35535562</u>

Shoup, John Paul (2018), Azalea Kim, Jonathan Wilson, Jane Pendergast, Benjamin L. Ranard, and Joel C. Boggan (2013). "No Quick Fixes: Integrating Population Health Education and Quality Improvement in a Large Residency Program." *J Healthc Qual* 44, no. 5 (September 2022): 286–93. <u>https://</u>doi.org/10.1097/JHQ.00000000000352.

Continued, Harbison

me into system projects and roles which resulted in my transition to my current system role.

What are your other non-clinical activities and how did you get involved in these things?

My non-clinical activities are many. One of my early mentors at Memorial Hermann said, "I am going to take you to a lot of meetings. I don't want you to say anything but watch the people and how they get things done and influence the conversations." The advice exposed me to many aspects of operations of the hospital and a large integrated health system. My hospitalist medicine leadership role naturally had me focus on length of stay, readmissions, guality, efficiency and effectiveness. Being involved in so many aspects of health care delivery has been very valuable to me as I can better understand all of the pieces on the chess board.

How do you think the Duke Med-Peds Residency Program helped you prepare for your career?

The Duke Med-Peds Residency program has had a significant impact on my career. First and foremost, I graduated with an excellent clinical skill set. I believe the discipline and rigor of our program and our categorical programs provides each of us a clinical foundation that is recognized by other providers. The clinical reputation that we establish once in practice facilitates other opportunities as we are recognized by our peers and leaders. As I mentioned previously, the multidimensional nature of our classmates made me a better person with more empathy and exposure to topics and ideas I may not have experienced somewhere else.

What do you like to do in your free time?

Much of my free time is spent with my family and my children. We have 5

children between the ages of 17 to 10 year-old twins. We manage all of the day-to-day activities but we have been lucky enough for extensive travel experiences. So travel as often as we can overseas and bring back those experiences to our home.

Cooking is a release for me and with this many mouths to feed I have lots of opportunity. I am teaching each of them how to prep and cook and we try to explore the cultures where we have travelled.

Any words of wisdom to current trainees?

Spend your time enjoying your time and learning as much as you can clinically and otherwise from the environment and the people you are exposed to during these special years. You will take that with you into your career and will reflect back on what a unique time in your life it is.

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Meet the Class of 2026

Shane Clark

Joseph Goddu

Noah Hellerman

Shane joined us from University of Florida for medical school, where he was member of AOA. He completed his undergraduate studies at University of South Florida with a BS in Cell and Molecular Biology. Shane also completed a Masters in pharmacology from the University of Oxford in England. His hometown is Fleming Island, Florida, and he spent his early years in Oman in the Middle East. During medical school, Shane also completed an internship at NASA, focusing on the review of military fatigue management training and education, and was a leader in the Equal Access Clinic (EAC), which is a network of student-run, free healthcare clinics established by the University Of Florida

College Of Medicine in Gainesville. Shane enjoys rowing, gliding and scuba diving. He is a triplet!

Joe completed his undergraduate degree, a BA in psychology, from Loyola University in New Orleans. He graduated from LSU New Orleans for medical school and calls New Orleans his hometown. He is a member of the AOA and GHHS. Prior to medical school, Joe participated in Teach for America, taught 4th grade math, and was a founding member of the Renew- Shaumberg Elementary School in New Orleans for historically underserved children. In medical school, he facilitated the Critical Consciousness in Medicine Course and was a founding member of Students Advocating for Equity in Medicine, engaging peers and institutional leaders to end the health disparities produced by implicit bias and systemic racism in medical education. In his free time, he enjoys pottery (IG @JoeGodduPottery).

Noah grew up in New York City, NY. He attended University of Chicago and received a BA in biology. He returned to NYC for medical school at Columbia. At Columbia, Noah co-chaired the student run clinic for uninsured patients in Washington Heights. He advocated for men's health and completed research on intimate partner violence screening in male pediatric patients, and he was active in an interprofessional student group to advocate for patients of Dominican culture through events focused on health disparities, immigration and community initiatives. Noah is a sports lover (baseball, football, basketball) and loves the outdoors (biking, camping, hiking). He is already known for his cooking skills and drinkmaking skills (ask about the 'Med-Peds Moscow Mule').



Joe Goddu

Noah Hellermann



New Interns!



We are no longer interns! (MP2's now)



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The Duke Med-Peds Residency Fund

This fund supports our current Med-Peds residents in a variety of educational experiences, including participation in research projects, attendance at national meetings, preparation and presentation of scholarly work, global health opportunities and involvement in community outreach programs.

Please consider making a contribution online and clicking Combined Medicine-Pediatrics Residency Program from the list, or send a check to Duke Health Development Office, Attn. Duke Med-Peds Residency Fund, 300 W. Morgan Street, Suite 1200, Durham, NC 27701, Durham, NC 27701.

Class of 2026, continued

Josh Mercer

Josh returned to the area for his love of the Duke Blue Devils. He grew up in San Antonio, TX (though spent 9 years of his childhood in Germany) and did his undergraduate studies at Duke with a BS in biology, minoring in chemistry. He received his MD at Dell Medical School at The University of Texas at Austin and his MBA from the University of Texas McCombs School of Business. During medical school, Josh was actively involved in several mentoring and advising programs; this spanned fellow-medical students, but also student -athletes interested in health professions at UT. Josh created the Health Advocate Program to help patients navigate the health care system with new diagnoses of serious illness, which is not a part of the Dell curriculum. Josh loves Duke basketball, as well as outdoor activities.



Josh Mercer

Mohamed Mohamed

Mohamed grew up in Orlando, Florida and attended University of Central Florida with a BS in biomedical sciences. He traveled north to attend Johns Hopkins School of Medicine. Mohamed was active in the community prior to medical school, supporting organizations that served the uninsured and those experiencing homelessness. At Hopkins, he was president of the Muslim Student Association and also organized a community health fair to provide free health screening to members of the East Baltimore community. He worked on a STEM education initiative with Walt Disney and created a 30-min interactive show at EPCOT to stimulate interested in STEM fields in young students. He was able to expand exposure to additional elementary schools in Central Florida too! Mohamed enjoys basketball, football and anything space-related - and even public speaking!



Mohamed Mohamed

Lilianna Suarez

Lily is from Dublin, Ohio and did her undergraduate studies at the Ohio State University (BS in biomedical science). She completed her medical degree at Duke and also her Masters of Public Health at UNC. At Duke and during her time at UNC, Lily was instrumental in setting up the first clinic-based food pantry at Duke and worked closely with the Duke pediatric weight management team. Her research during this time was focused on food insecurity in youth; Lily also implemented a study looking at nutrition education and structured physical activity programs for at-risk Durham youth. In addition to the research in this area, Lily actively distribute fresh produce bags and food pantry items individuals experiencing food insecurity in Durham by driving items to their home during the COVID-19 pandemic. Lily enjoys staying active with running and dance exercises and also crochets winter hats and scarves.



Lily Suarez

Meet the new Duke Med-Peds Program Director:

Colby Feeney is the new Duke Med-Peds Program Director. She attended Indiana University for medical school and graduated from the Duke Med-Peds Residency Program in 2015. She was APD for the last 4+ years and in this time, she elevated the scholarship of our residents in the quality of their Senior Talks, in the development of meaningful QI projects and through mentoring of residents in their poster presentations and publications. She has been innovative in curriculum development, and she started the Med-Peds Service line in the adult hospital medicine group at Duke.

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Resident Leaders

GME Residency Council:: Maxine Chan, Courtney Richman

GMEC Resources and Well-Being Committee: Bari Rosenberg

GME PSQC Co-Chair: Samantha Curtis

Minority Housetaff Association President: Ashley Thrower

Medicine Residency Council: Karen Lin

Pediatrics Residency Council: Bari Rosenberg, Sam Curtis and Amber Fleck

Pediatrics Residency Safety Committee Chair: Sarah Dillon

MELT participants: Samantha Curtis, Sarah Dillon, and Alexandra Loriaux



Duke Med-Peds Fall 2022 Newsletter

Trainee News

Congratulations

Lilliana Suarez was selected to join The Robert J. Lefkowitz Society. Samantha Collins was selected as AAP District IV CATCH resident liaison.

Publications

Ashley Thrower, The Cost of Life. Annals of Internal Medicine Fresh Look, Sept 21, 2022.

Population structure and inbreeding in wild house mice (Mus musculus) at different geographic scales. **Morgan AP* (Andrew)**, Hughes JJ*, Didion JP, Jolley WJ, Campbell KJ, Threadgill DW, Bonhomme F, Searle JB, de Villena FP. Heredity (Edinb). 2022 Sep;129(3):183-194. doi: 10.1038/s41437-022-00551-z. Epub 2022 Jun 28. PMID: 35764696

The epidemiology of Plasmodium vivax among adults in the Democratic Republic of the Congo. Brazeau NF, Mitchell CL, **Morgan AP (Andrew)**, Deutsch-Feldman M, Watson OJ, Thwai KL, Gelabert P, van Dorp L, Keeler CY, Waltmann A, Emch M, Gartner V, Redelings B, Wray GA, Mwandagalirwa MK, Tshefu AK, Likwela JL, Edwards JK, Verity R, Parr JB, Meshnick SR, Juliano JJ. Nat Commun. 2021 Jul 7;12(1):4169. doi: 10.1038/s41467-021-24216-3. PMID: 34234124

Distribution and Temporal Dynamics of Plasmodium falciparum Chloroquine Resistance Transporter Mutations Associated With Piperaquine Resistance in Northern Cambodia. Shrestha B, Shah Z, **Morgan AP** (Andrew), Saingam P, Chaisatit C, Chaorattanakawee S, Praditpol C, Boonyalai N, Lertsethtakarn P, Wojnarski M, Deutsch-Feldman M, Adams M, Sea D, Chann S, Tyner SD, Lanteri CA, Spring MD, Saunders DL, Smith PL, Lon C, Gosi P, Sok S, Satharath P, Rekol H, Lek D, Vesely BA, Lin JT, Waters NC, Takala-Harrison S. J Infect Dis. 2021 Sep 17;224(6):1077-1085. doi: 10.1093/infdis/jiab055. PMID: 33528566/

Curtis Samantha, Shah H, Shah NP, et al. Ventricular Tachycardia Uncovers a Giant Problem: Case Report on Giant Cell Myocarditis. Clin Image Case Rep J. 2022; 4(6): 257

Curtis Samantha, Cotten CM, Laughon M, Younge N, Peterson J, Clark RH, Greenberg RG. Indomethacin Prophylaxis in Preterm Infants: Changes over Time. Am J Perinatol. 2022 Sep 29. doi: 10.1055/s-0042-1756678. Epub ahead of print.

Other Scholarly Activity

Shane Clark. Mycoplasma hominis: an index case of peritonitis and hyperammonemia syndrome in a healthy postpartum female, NC Triangle Chapter of the Society of Hospital Medicine's Fall meeting, October 5, Research Triangle Park, NC

Sriya Muralidharan. 3 posters at the American College of Gastroenterology Annual Meeting, October 25, Charlotte, NC.

Assessment of Pathogenic Enteric Flora Contaminating Novel Duodenoscopes With Disposable Tips. Evaluation of Abbreviated HLD Protocols for Duodenoscopes With Disposable Tips. Impact of Time and Location of Diagnostic Paracentesis on Outcomes of Spontaneous Bacterial Peritonitis. Sandra Loriaux. Management of Adult Fontan Patient with Unstable Sinus Bradycardia. AAP National Conference, October 9, Anaheim, CA.

Maxine Chan and Sandra Loriaux working with Dean Miner on creating new "Full Term Nursery" and "Comprehensive Newborn Sheet" summary reports in Epic. An improvement to workflow!

NC Pediatrics Society Annual Meeting 2nd place Poster

Emily Zalimeni, Heather Van Mater, and Kathryn Taylor. A Dangerous Case of Hiccups: Neuromyelitis Optica, August 27, Durham, NC

2022 END OF YEAR AWARDS

Best Pediatric SAR Talk Award Grace Lee

Appleseed Teaching Award Ben Redpath (Medicine) Emily Zalimeni (Pediatrics)

YT Chen Awards Samantha Dizon (Education) Kevin Prier (Patient Care)

Robert P. Drucker Excellence in Teaching Award Samantha Dizon

> James Stockman Award Samantha Dizon

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