



CLINICAL INFORMATICS FELLOWS

| Current and Past



Children's Hospital
of Philadelphia®

Department of Biomedical & Health Informatics

Upon successful completion of the Clinical Informatics Fellows program, fellows are prepared for certification in the clinical informatics subspecialty and equipped to be a practicing informatician, leader, and innovator in academic, healthcare, and industry settings. All graduating fellows to date have earned board certification in clinical informatics. Their focus areas have included cognitive informatics, global medicine, and quality improvement, to name a few.

CURRENT FELLOWS **3**

Andi Fu, MD	3
Casey Pitts, MD	3
David Anderson, MD	4
Lauren Coogle, MD	4
Alex Ruan, MD	5
Oswaldo “Ozzie” Mercado, MD	5

PAST FELLOWS **6**

Jonathan Beus, MD	6
Ian Campbell, MD, PhD	6
Leah Carr, MD	7
Sansanee Craig, MD	7
Adam Dziorny, MD, PhD	8
Jason Grey Falkenberry, MD	8
Daria Ferro, MD	9
Brooke Luo, MD	9
Mark Mai, MD	10
Naveen Muthu, MD	10
Evan Orenstein, MD	11
Jenna Reece, MD	11
Sameh Saleh, MD	12
Marc Tobias, MD	12
Levon Utidjian, MD	13

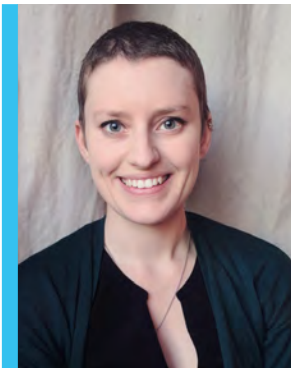


Andi Fu, MD

2022-2024

Andi comes to Children's Hospital of Philadelphia (CHOP) as a home grown product. She has completed medical school at Perelman School of Medicine, a psychiatric residency at Penn Medicine, a child and adolescent psychiatry fellowship at CHOP. For 5 years she has practiced as an attending specializing in emergency psychiatric care in the CHOP ED. Her interest in informatics started during fellowship and continued to grow during her years of practice in which she was involved in QI education

and numerous quality improvement projects looking to improve access and care during a period of mental health crisis. In addition to pediatric mental health, she is also passionate about reducing health disparities with a focus on LGBTQ youth, medical education, and how informatics can improve access to care and bolster translational research. She earned her bachelor's degrees from Johns Hopkins University after growing up in China, Thailand, and the United States.



Casey Pitts, MD

2022 - 2024

Casey Pitts is currently a dual fellow in Clinical Informatics and Pediatric Emergency Medicine. She completed her undergraduate studies at New York University, majoring in Psychology and Chemistry. She then went on to pursue her medical degree at Albert Einstein College of Medicine where she participated in various

research projects. Currently, Casey serves as a Pediatric Specialist at Children's Hospital of Philadelphia. Currently, her research centers around improving clinical documentation. Casey looks forward to expanding her knowledge in clinical informatics.



David Anderson, MD

2021 – 2023

David Anderson is a Pediatric Hematology-Oncology (PHO) fellow at CHOP and the first trainee to be approved in the nation by both the American Boards of Pediatrics and Preventive Medicine (i.e. informatics) for a Combined Fellowship in PHO and Clinical Informatics. His training is truly integrated, but he began his focused learning in clinical informatics in

July 2021. He has a long history of informatics accomplishments--beginning with his employment at Epic (in Madison, WI) prior to medical school at Mount Sinai in NYC, followed by Pediatric Residency at Rainbow Babies. He earned his undergraduate degree in biology from Carleton College and his MD from the Icahn School of Medicine at Mount Sinai.



Lauren Coogle, MD

2023-2025

Lauren is a primary care pediatrician and former officer in the U.S. Air Force, most recently stationed at the Joint Base McGuire-Dix-Lakehurst in NJ where she held role of CMIO prior to joining CHOP as a clinical informatics fellow. Her informatics journey started as an Epic TS prior to medical school at the Medical College of Wisconsin. She continued pursuing informatics

projects and training through AMIA during her pediatric residency and chief year at Wright State-Patterson Air Force Base, Dayton, Ohio. Her main accomplishments have been in the quality improvement/operations space, and she looks to expand her experience with data analytics and population health throughout fellowship.



Alex Ruan, MD

2023 – 2027

Alex Ruan, MD has worked extensively with DBHI and clinical informatics during his residency in pediatrics at CHOP. He officially matched as a Neonatology fellow and will be pursuing a dual fellowship with Clinical Informatics (to begin his CI focus in July 2024). He also has already accomplished much in collaboration with Leah Carr and others –specifically working on quality improvement efforts focusing on resident EHR

optimization and disparities of care (language preference) in the NICU—culminating in a poster presentation at AMIA in November. His interests also include decision support and machine learning to improve care. Because of the integrated nature of the dual fellowship, we will continue to see much of Alex in the coming year with ongoing project work and didactics.



Osvaldo "Ozzie" Mercado, MD

2022-2026

Osvaldo "Ozzie" Mercado, is a dual fellow in Clinical Informatics and Neonatal- Perinatal medicine. A Los Angeles native, he grew up with Spanish as his first language and was fortunate to be the first in his family to attend and graduate from college. He completed his undergraduate work at the University of California, Los Angeles, medical school at Howard University College of

Medicine in D.C., his pediatric residency at CHOP, and is excited to continue his training at CHOP as a dual fellow. Due to his upbringing, his interests center along equitable care and specifically bridging gaps for limited English proficiency families. Ozzie is excited to continue working and expanding on prior informatics related work he began as a resident.



Jonathan Beus, MD

2019 – 2021

Dr. Beus is a 2019 Clinical Informatics fellow with DBHi. His interest in clinical informatics stems from a culmination of his varied educational experiences. He studied chemical and biomolecular engineering in his undergraduate work and developed an appreciation for the power of computers to solve complex problems in math, chemistry, and engineering. In medical school, he spent two additional years studying clinical research and formed a strong interest in data analysis and programming languages such as R. He pursued an opportunity to further his data analysis skills during his residency by

working part-time on operations and research in antimicrobial stewardship. With this stewardship, Dr. Beus built an interactive tool to monitor antimicrobial use in the hospital on a daily basis and was invited to present on his innovation at multiple regional and national conferences. With the Clinical Informatics Fellowship, he is excited to leverage his skills in programming and data analysis to enhance patient care and clinicians' experiences delivering care. He received his undergraduate degree from the University of Pennsylvania and his MD and MS from Emory University.



Ian Campbell, MD, PhD

2020 – 2022

Dr. Campbell's interest in Clinical Informatics came about through observing shortfalls in precision medicine that he believes can be improved through changes in the electronic health record. Ian envisions developing a framework for holding and processing a patient's genomic data that goes beyond the current model where most clinically applicable genomic data is stored in PDF documents within the electronic health record, making processing of the data computationally

impractical. Ian looks forward to working with various faculty through the Clinical Informatics Fellowship and honing his health informatics skills in order to help him carry out his vision for improving patient care. He received his MD/PhD through Baylor College of Medicine.



Leah Carr, MD

2020 - 2022

Dr. Carr became interested in clinical informatics during her medical education and pediatrics residency as well as through her Neonatology Fellowship at the Children's Hospital of Philadelphia. Through these experiences, she began to see the ability of clinical informatics to make a systems-level impact on medical care. She sought out ways to help improve work flow in her various roles so that more time could be spent on quality patient care. This ultimately led Leah to work on a patient safety checklist project

that resulted in a significant improvement in compliance. She is in the process of translating this patient checklist tool into the EHR and looks forward to furthering her informatics knowledge under the direction of the clinical informatics faculty offered through the fellowship. Leah holds her MD from the University of Vermont College of Medicine and is undertaking her residency in pediatrics at Seattle Children's/University of Washington Medical Center.



Sansanee Craig, MD

2018 - 2020

Sansanee comes to Children's Hospital of Philadelphia (CHOP) from Johns Hopkins Hospital Bayview where she was on staff as an attending physician and pediatric hospitalist since completing her residency in pediatrics from the University of Minnesota in 2015. A quality improvement (QI) project as a senior resident sparked her interest in clinical informatics and health systems sciences. Sansanee holds dual US/Thai citizenship and is passionate about pediatric hospital medicine, clinical informatics, reducing

health disparities, and global health, especially medical education in Southeast Asia. She earned a bachelor's degree from the University of Rochester and her medical degree in Israel at Ben Gurion University, a four-year medical school program with a longitudinal curriculum in global health where she was an advocate for Thai migrant workers. Sansanee's informatics focus is in the areas of quality improvement and global health.



Adam Dziorny, MD, PhD

2017 - 2019

Dr. Dziorny is a third-year dual fellow in clinical informatics and pediatric critical care medicine. He has the distinction of being the first (and only fellow nationally) approved by the American Board of Pediatrics and the American Board of Preventive Medicine for a four-year “dual fellowship” in both disciplines. After completing his undergraduate work at Johns Hopkins University with majors in biomedical engineering and computer science, he earned his MD and PhD at the University of Rochester Medical Center in the Department of Biomedical Engineering.

Dr. Dziorny completed his pediatrics residency at CHOP in 2015 and stayed a year as chief resident in pediatrics before beginning his dual fellowship. During his chief year, he began work on several informatics research projects focused on improving the trainee experience using electronic health record data. His current research interests involve the integration of informatics, technology, and critical care medicine to improve provider efficiency and patient care, with an emphasis on optimization of laboratory testing in the pediatric critical care environment.



Jason Grey Falkenberry, MD

2019 – 2021

Dr. Falkenberry is a 2019 Clinical Informatics fellow with DBHi. His interest in clinical informatics happened in a roundabout way. After finishing medical school and earning his MPH, he pursued a career in global health. He spent a year with the Peace Corps in Uganda, where he began to recognize a strong need for reform in the global healthcare system. In his experience abroad as well as in his studies, he learned the positive impact good use of data can have in healthcare.

With this insight and guidance from his mentor, Dr. Falkenberry decided to change direction into clinical informatics. He feels strongly about the importance of leveraging data to help transform healthcare and is excited about the opportunity to contribute to a data revolution in medicine. He received his bachelor’s in physics and computer science from the College of William and Mary, his MD from Eastern Virginia Medical School, and his MPH from The University of Miami.



Daria Ferro, MD

2016 - 2018

Dr. Ferro served as chief pediatric resident at St. Christopher's Hospital for Children prior to joining DBHi at CHOP as a clinical informatics fellow in 2016. While chief resident, she was an inaugural member of the hospital's medical informatics committee and helped to develop the resident informatics committee. She also served as a member of the institution's Center for Quality, Operational Excellence, and Patient Safety. She completed her pediatrics residency training at St. Christopher's Hospital for Children

and is board certified in pediatrics. Dr. Ferro has a bachelor's from Barnard College in neuroscience and behavior and an MD from SUNY Downstate College of Medicine. Dr. Ferro is currently an assistant professor in Pediatrics with the Perelman School of Medicine at the University of Pennsylvania and a DBHi faculty member. Her clinical informatics interests include utilizing clinical data to optimize the quality and safety of patient care.



Brooke Luo, MD

2018 - 2020

Brooke discovered clinical informatics through an elective during her internship at Children's Hospital of Philadelphia. Clinical informatics served as the perfect bridge between her interests in problem-solving, technology, and medicine. During her pediatric residency, Brooke created clickable inpatient discharge instructions for common admission diagnoses and hosted a resident Hackathon to facilitate identifying and solving workflow problems. She was also a leader of the New Epic Resident Development (NERD) Squad. Brooke is co-author of a paper about

informatics education during residency that appeared in Applied Clinical Informatics (ACI). She completed her medical training at University of Oklahoma College of Medicine and undergraduate work in biomedical engineering at Duke University. She completed her medical training at University of Oklahoma College of Medicine and undergraduate work in biomedical engineering at Duke University. Her informatics interests are in the areas of clinical decision support and innovation.



Mark Mai, MD

2017 - 2019

Dr. Mai completed his undergraduate studies at Swarthmore College, majoring in linguistics and developmental biology. He went on to pursue his medical degree at Yale University, where he completed a Doris Duke Clinical Research Fellowship that focused on using machine learning and text mining to predict viral test outcomes. He continued exploring clinical informatics during his pediatrics residency at CHOP, as the first resident to pursue the “Advanced Skills” track in Informatics and as a member and eventual leader of the New Epic Resident Development (NERD) Squad. Since residency, he has taken a

special interest in the intersection of residency education and informatics with publications and presentations at national meetings on clinical informatics education during residency. In addition, Dr. Mai along with his co-fellow Dr. Dziorny received a grant from the Association of Pediatrics Program Directors to create a dashboard focused on trainee experiences extracted from electronic health record data. Other projects during fellowship have focused on the application of text analytics and predictive analytics to improve clinical decision making.



Naveen Muthu, MD

2015 - 2017

Dr. Muthu joined DBHi in 2015 as a clinical informatics fellow. He was Doris Duke Clinical Research Fellow at the University of Iowa and a member of the House Staff Quality Control at Georgetown University Hospital. Naveen completed his undergraduate degree in biology at Harvard University. He attended medical school at the University of Missouri before going on to complete residency in internal medicine and pediatrics at Georgetown University Hospital. Dr. Muthu’s informatics interests revolve around optimizing risk assessment and risk communication to improve medical decision

making. He completed his fellowship at CHOP in clinical informatics in June 2017. Along with co-fellow Dr. Marc Tobias, Dr. Muthu won multiple national awards, including being one of four winners in a Provider User Experience Challenge hosted by the Department of Health and Human Services. Dr. Muthu is a pediatric hospitalist at CHOP and clinical instructor in pediatrics at University of Pennsylvania’s Perelman School of Medicine. His professional focus is in the area of cognitive informatics and utility of sociotechnical models in explaining health information technology outcomes.



Evan Orenstein, MD

2016 - 2018

Dr. Orenstein completed his undergraduate degree at Yale University, where he worked in a mathematical epidemiology lab focusing on infectious disease modeling. He received his medical degree from Emory University. He spent a year in Bamako, Mali working on a clinical trial of maternal influenza immunization and studying its cost effectiveness. During his pediatric residency at CHOP, he cofounded the New Epic Resident Development (NERD) Squad, a partnership of pediatric residents and informatics faculty dedicated to involving front-line clinicians more deeply in designing and evaluating new workflow

tools in the electronic health record. His clinical informatics interests include reducing medical errors and provider burnout from redundant documentation, improving physician efficiency and effectiveness with the electronic health record through simulation, cognitive informatics to improve the usability of documentation and decision support interfaces, and building capacity in clinical informatics locally and globally. He is a pediatric hospitalist at Emory University and continues to partner in informatics research projects with CHOP researchers.



Jenna Reece, MD

2021 – 2023

In conjunction with the Pathology Departments at the Perelman School of Medicine at the University of Pennsylvania and CHOP, Jenna Reece is first Clinical Informatics Fellow who has completed a Pathology Residency at the University of Pennsylvania. She is now also pursuing a Fellowship in Transfusion Medicine at Penn. Dr. Reece begins her Clinical Informatics Fellowship in July 2021, with a “concentration” in

Pathology Informatics. Her accomplishments are many and her clinical experience includes having been one of few in the Health Leadership/Quality Track during residency at Penn. She has an undergraduate degree in biology and community health from Tufts University and a masters in Narrative Medicine at Columbia University and completed her MD at Columbia University Vagelos College of Physicians and Surgeons.



Sameh Saleh, MD

2021 – 2023

Dr. Saleh has already accomplished much in the field of Clinical Informatics before joining DBHi as a Clinical Informatics fellow, with an extensive portfolio of publications and nationally recognized scholarly work. Prior to coming to CHOP, he was an assistant professor at University of Texas Southwestern in Dallas on the Informatics faculty. He is looking to broaden his clinical informatics skills and knowledge

through our fellowship. One area of focus will be addressing, informatics and healthcare “transitions” of patients from pediatric to adult care and health across the “age continuum”. Dr. Saleh earned his undergraduate degree in Applied Computer Science in Biology from George Mason University, his MD from the University of Virginia School of Medicine, and completed his Internal Medicine residency in June 2020.



Marc Tobias, MD

2015 - 2017

Dr. Tobias completed his undergraduate degree in economics at the University of California, Berkeley. He attended medical school at the State University of New York Downstate before continuing his training in emergency medicine at Cooper University Hospital. He completed a clinical informatics fellowship at CHOP where he focused on electronic health record interoperability and clinical decision support. Along with his colleague, Dr. Naveen Muthu, he won multiple national awards for his work on

the Phrase Health platform, including being one of four winners in a Provider User Experience Challenge hosted by the Department of Health and Human Services. Following his fellowship, he founded a governance and analytics software company around the Phrase Health platform and participates in clinical decision support research. Additionally, Dr. Tobias continues to engage clinically as an adjunct assistant professor of Emergency Medicine at the University of Pennsylvania.



Levon Utidjian, MD

2013 - 2015

Dr. Utidjian is a pediatric hospitalist and clinical informaticist at CHOP. He is an assistant professor in Pediatrics at the Perelman School of Medicine at the University of Pennsylvania. In July 2012, Dr. Utidjian was a postdoctoral trainee in clinical informatics following his appointment as Chief Pediatric Resident at CHOP. He helped develop the Clinical Informatics Fellowship program and then graduated as DBHi's first fellow in clinical

informatics in 2015. Dr. Utidjian received his MD from New York University and bachelor's in chemistry from Stanford University. He also holds a master's degree in biomedical informatics from Oregon Health & Science University and is board certified in clinical informatics. His research interests are in clinical decision support and the secondary use of electronic health records data.