

## Meeting Faculty

### Rajarshi Banerjee, PhD

Rajarshi Banerjee, Ph.D. has served as our Chief Executive Officer and a member of our board of directors since November 2012. Prior to co-founding Perspectum in 2012, Dr. Banerjee was a research fellow at the University of Oxford and developed the magnetic resonance imaging techniques for rapid non-invasive liver assessment and commercialized the method as LiverMultiScan, which has received 510(k) clearance from the FDA and is used in over 420 sites. Dr. Banerjee continues to work as a consultant physician with the Oxford University Hospitals NHS Foundation Trust, with research into the phenotyping of liver disease at an individual and population level in adults and children.

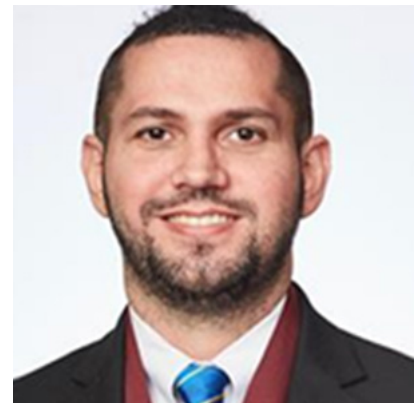


Dr. Banerjee has many years of experience in running clinical trials and working in multidisciplinary scientific teams to develop applications for cutting-edge imaging technology and is a keen advocate of smart trial design. Dr. Banerjee received a BM. BCh. in Medicine and a Ph.D. in Cardiovascular Health from the University of Oxford, as well as a MSc. in Public Health from the London School of Hygiene and Tropical Medicine.

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### Ricardo Correa, MD, Es D, FACP, FACE, FAPCR, FACMQ

Ricardo is the Program director for Endocrinology, diabetes and metabolism fellowship and the director for diversity of Graduate Medical education at the University of Arizona College of Medicine-Phoenix, Staff Clinician and Researcher at Phoenix VAMC and Faculty at Mayo School of Medicine, Mayo Clinic-Arizona and Creighton SOM-Phoenix campus. He is editor of Dynamed, SGIM Forum, JGIM and outreach unit director of Endotext.org and Thyroid manager and multiple other journals.



He completed his Medical School and Education Master at University of Panama. He completed a research fellowship in Epidemiology and Tropical disease at ICGES in Panama City and his internal medicine residency at Jackson Memorial hospital-University of Miami (UM) program. In 2012, he was honored with the AOA and GoldDOC Award. Then he pursued his clinical and research fellowship in endocrinology, diabetes and metabolism with special focus in neuroendocrine research at NIH.

He was trained in Evidence-based Medicine at McMaster University in Canada and in Editorial process and OJS by LATINDEX.

Dr. Correa has been involved in multiple academic, scientific and educational activities. Dr. Correa has published more than 55 papers in peer review journal, has one NIH Grant and is part of multiple scientific journal editorial committees, etc. Also, he is consultant for Latin-American science center including Bolivia and Panama national science department. He is a national speaker for adrenal and pituitary topic as well as healthcare disparities and transgender.

He is board certified in Medical Quality. He is the editor and co editor of the book title "Case report: basics and publication" and "Endocrinology of Aging". His research is focus on the study of long-term consequences of hormonal replacement therapy on transgender population, subclinical Cushing and adrenal incidentaloma and using peer support system to decrease the burden of diabetes complications in underserved Hispanic population in different region of the country. Besides this he is doing a collaboration with other GME community on how to improve recruitment into GME.

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## **Cara East, MD, FAPCR**

Dr. East has been involved in clinical research for 34 years, performing over 100 phase 2 and phase 3 trials as the principal investigator. While basic science finds new products to be tested, only clinical research can test the products in humans to see the actual advantages and risks. "If you take a medication, thank a research patient." She has over 35 publications, has been a National Leader for 2 trials, and is the chair of the DSMB for an NIH trial. She previously served as the President of the APCR and strongly agrees with its mission, to support and educate physicians in clinical research.



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## **Michael Koren, MD, FAPCR, CPI**

Michael J. Koren, MD, practices cardiology and serves as the Chief Executive Officer at Jacksonville Center for Clinical Research (JCCR). He founded JCCR which has conducted over 2500 clinical trials at 8 locations in Florida since 1997.

He received his medical degree cum laude at Harvard Medical School, and completed residency in internal medicine, chief residency and fellowship in cardiology at New York Hospital/Memorial Sloan-Kettering Cancer Center/Cornell Medical Center.



Dr. Koren is a fellow of the American College of Cardiology. He is a fellow and past president of the Academy of Physicians in Clinical Research and past president of the regional chapter of the American Heart Association. As a principal investigator, Dr Koren has led more than 500 clinical trials on hypercholesterolemia, cardiovascular disease, and heart failure. He participates in the Cholesterol Treatment Trialist Collaboration based in Oxford.

Dr. Koren's research has been published in peer-reviewed journals including Journal of the American College of Cardiology, Circulation, New England Journal of Medicine, and The Lancet. He has lectured nationally and internationally on topics such as lipid-lowering therapy and preventive cardiology.

Currently he oversees active protocols developing COVID-19 vaccines and early phase research in preventative cardiology.

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## **Chaitanya Mamillopalli, MD, MRCP, FAPCR**

I am an endocrinologist with a strong interest in harnessing the power of data analytics and machine learning to identify gaps in health care and devise interventions to ensure that patients receive quality medical care. I am intellectually curious and aspire to work at the intersection of technology and health care and use my expertise in developing innovative health care products and services.



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## **Piyush Mathur MD,FCCM**

Piyush Mathur MD,FCCM is a Staff Anesthesiologist and Critical Care physician at Cleveland Clinic, Ohio with more than 20 years of clinical experience. He is also the Quality Improvement Officer and Chair, Compliance Committee, Anesthesiology Institute, Cleveland Clinic. After completing his medical school training from Armed Forces Medical College (AFMC, Pune,

India), he completed residency in Anesthesiology and fellowship in both, Critical Care and Quality at Cleveland Clinic. He is the past program director of the anesthesiology critical care fellowship program at Cleveland Clinic.

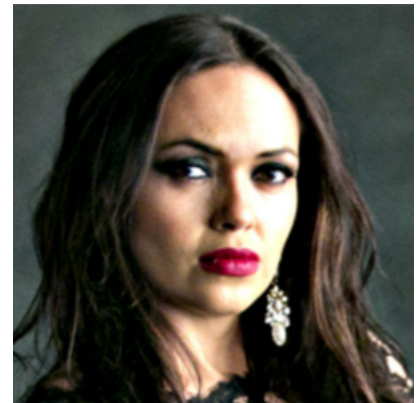
A recognized leader in critical care, quality, education and artificial intelligence applications in healthcare, he has led many of the local and national programs including serving as the chair of postgraduate education committee, coding and documentation education committee of the Society of Critical Care Medicine(SCCM).He is currently a member of CPT editorial advisory committee,AMA (American Medical Association).Trained in computer programming, machine learning and deep learning, he is the founder of BrainX, an AI in healthcare application research and development company.He also founded, one of the largest groups for machine learning in healthcare, BrainX Community.



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## **Vanessa Pico**

Vanessa Pico is the Senior Director in charge of overseeing the GI Alliance Research strategic vision and leading business decisions to drive research growth across the organization. She works collaboratively with GI Alliance leadership team, implements strategic plans for research development, and manages relationships with stakeholders.



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## **James H. Powell, MD**

Dr. James H. Powell is a graduate of Virginia Union University, and a graduate and former Assistant Professor at Weill Cornell Medical College. He spent 24 years as a clinical research executive in the pharmaceutical industry, served on the Board of Trustees of the American Academy of Pharmaceutical Physicians and Investigators and received its Lifetime Honorary Membership Award. He has served as Principal Investigator for the National Medical Association's Project IMPACT (Increase Minority Participation and Awareness of Clinical Trials). In this capacity, he designed and directed programs to develop diverse physicians as clinical investigators and educate thousands of consumers in diverse communities on the benefits, processes, and protections in clinical trials. He is a past member of the Secretary's (HHS) Advisory Committee on Human Research Protections, Baylor College of Medicines EDICT Project (Elimination of Disparities in Clinical Trials) and a charter member of Alliance of Multicultural Physicians advocating for clinical trial inclusion. He currently sits on the Board of Closing the Health Gap, a community health advocacy organization in Greater Cincinnati, and is co-Founder and Chief Medical Officer of knowRX, Inc. dba knowRX Health, a company focused on innovations in the delivery of equity in therapeutics.



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## **Timothy Ritter, MD**

Timothy Ritter, MD, is a board-certified gastroenterologist and has been in private practice with the GI Alliance for since 1993. He is a graduate of Texas A&M University and UT Southwestern Medical School in Dallas. He did his residency in Internal Medicine and Fellowship in gastroenterology at UT Southwestern / Parkland Memorial Hospital. He is currently the senior medical director at the GI Alliance and oversees the department of clinical research and educations. His primary interest is inflammatory bowel disease where he has served as the primary investigator on numerous trials.



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## Harry Sarles, MD, FAPCR

Dr. Sarles completed his residency in internal medicine at the University of Texas Medical Branch at Galveston and his fellowship in gastroenterology at V.A. Hospital in Phoenix, Arizona. He is currently practicing gastroenterology with Digestive Health Associates of Texas, P.A. in Rockwell, Texas and is the Medical Director & Principal Investigator with DHAT Research Institute. He is also the current president of the Academy of Physicians in Clinical Research.



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## Johnson Thomas, MD, FACE

Johnson Thomas, MD, FACE is the section chair of Mercy Endocrinology, Springfield, Missouri. He is also an associate faculty at Missouri State University. Dr. Thomas practices general endocrinology with a focus on thyroid nodules and thyroid cancer. He is a recipient of the Kenneth Simcic Award for academic excellence in endocrinology and researcher of the year award from Mercy ministry.



Dr. Thomas has been writing computer programs since 6<sup>th</sup> grade. He developed Endo Tools, an iPhone app for endocrinologists, which has been used by more than 3000 endocrinologists all over the world. He is also the creator of TUMscore, a machine learning tool to predict thyroid cancer. His main research focus is on the application of artificial intelligence in the risk stratification of thyroid nodules. He has created a unique explainable artificial intelligence model - AIBx, which uses image similarity techniques. Dr. Thomas has also written reviews and book chapters on the application of AI in healthcare.

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## Michael Ybarra, MD, FACEP, FAPCR

Michael Ybarra, MD, FACEP, FAPCR is a board-certified emergency physician and Vice President and Chief of Medical Affairs at PhRMA. In his capacity at PhRMA, Dr. Ybarra leads stakeholder outreach on federal and international health policy issues and PhRMA's internal and external medical affairs engagement. Dr. Ybarra continues to work clinically in the Emergency Department at MedStar Georgetown University Hospital.

