

Pediatrics



“These are exciting times for those interested in Biomedical Research and Discovery. Access to emerging cutting edge technologies has permitted researchers to venture into areas of medicine they had only dreamt of. For instance, the advent of genomics combined with bioinformatics has allowed physicians to tailor medicine in a patient specific manner also known as “Precision Medicine” or “Personalized Medicine”. This type of medicine is likely to revolutionize health care and will bring about significant changes in how medicine is taught in medical schools with much greater emphasis on research. To keep up with these changes, my advice to you is to arm yourself with the latest laboratory tools, learn to ask the most relevant questions, be imaginative, sharpen your communication skills, work relentlessly, don’t get discouraged when failure hits you and find a way to keep the flame in your belly lit at all times. These are some of the key ingredients for a successful and impactful research carrier in medicine. Who said unraveling the mysteries of Life/Nature/God was going to be easy!”

Reuben Kapur, Ph.D.
Pediatrics
Frieda and Albrecht Kipp Professor of Pediatrics

Emergency Medicine



“I have always found it comforting to sit in the back of the room during my education at various stages in my life so that I would not be asked to speak nor ask questions. In hindsight that was counterintuitive, and research has now allowed me to ask questions not only for my own understanding of a subject matter, but also for the advancement of medical knowledge.”

Benjamin Nti, MD

Gastroenterology



“The understanding of medicine and the delivery of care is bound to change at a fast pace because of several technological and scientific breakthroughs. One should choose a career path that continually builds on their knowledge base and skill set to allow for the delivery of best care. Equally important is to figure out an interest or passion in medicine that would create constant excitement. Whether it is teaching, research, or service through the creation of new programs...it should be a personal satisfier and not linked to any metrics.”

Raj Vuppalanchi, MBBS
Associate Professor of Medicine

Epidemiology and Population Biology



“Public health and research expertise in medicine has never been more important than it is today. Health issues and the disparities that individuals face are persistent and often daunting. Engaging medical students in community-based and laboratory research will provide the real-world experiences that transcend traditional medical teachings which in turn would lead to a greater, more empathic understanding of the people in their care. We need passionate, thoughtful physicians to lead, advocate and problem solve to improve the quality of life of those in our community.”

Heidi Beidinger, Ph.D.

Ophthalmology



“VISION is the greatest gift to mankind. While medical education prepares you as tomorrow’s physicians, the research broadens your VISION, bringing current clinical challenges to the bench and innovating novel treatments. So keep your EYES wide open and never forget to ask WHY?”

Ashay Bhatwadekar, Ph.D.
August M. Watanabe Translational Research Scholar
Assistant Professor

Otolaryngology & Head and Neck Surgery



“You should enter every patient encounter and research project with a prepared mind and always be asking ‘why’. Caring for a single patient will give you instant satisfaction but taking time to advance the field through scientific discover by answering the ‘why’ has the potential to impact thousands of patients for years to come. So be curious with a prepared mind so YOU can discover the *why*.”

Rick Nelson, MD, Ph.D.
Assistant Professor
Auditory Neuroscience Research Lab

Neurology



“It has been my great good fortune to have careers in two deeply rewarding fields—academic neurosurgery and mathematical neuroscience. I am profoundly grateful to the many undergraduate and graduate students, medical students and residents whom I have taught and from whom I have learned so much. I always encourage them to follow their interests and dreams even if this requires educational preparations in seemingly dissimilar areas. One never knows where careers will lead!”

Robert Worth, Ph.D.
Professor Emeritus of Clinical Neurological Surgery
