

K Scholars Program Approved Mentor List

(If you have a mentor you are interested in using not on this list email [Krista Metz](mailto:Krista.Metz@ucsf.edu))

Name	Department (Institution)	Area of Research Expertise
Raouf Amin, MD	Pulmonary (CCHMC)	Cardiovascular morbidity of sleep disorders
Bob Ammerman, PhD, ABPP	Behavioral Medicine and Clinical Psychology (CCHMC)	Clinical Psychology; early childhood prevention programs; maternal depression; anxiety disorders
Sheila, Angeles-Han, MD, MSc	Rheumatology & Ophthalmology (CCHMC)	Uveitis; juvenile idiopathic arthritis; biomarkers; visual outcomes; quality of life
Katherine Auger, MD, MSc	Hospital Medicine (CCHMC)	Pediatric hospitalization, discharge transitions, social determinants of health in hospitalized patients, and randomized controlled trials in the inpatient setting
Kara Ayers, PhD	Developmental and Behavioral Pediatrics (CCHMC)	Developmental and behavioral p
Lynn Babcock, MD, MS	Emergency Medicine (CCHMC)	Pediatric injury; traumatic brain injury
Amy Bailes, PT, PhD	Occupational Therapy and Physical Therapy (CCHMC)	Cerebral Palsy; Occupational Therapy; Physical Therapy; Reproductive Sciences
Sarah Beal, PhD	Behavioral Medicine & Clinical Psychology (CCHMC)	Adolescent development & the transition to adulthood, foster care, adolescent substance use
Andrew Beck, MD, MPH	General and Community Pediatrics	Social determinants of health, population health, neighborhood and health
Jason Blackard, PhD	Internal Medicine (UC)	Hepatitis B (HBV), hepatitis C (HCV), human pegivirus (HPgV), HIV, and Zika virus
Suzanne Boyce, PhD	Communication Sciences and Disorders (UC)	Interaction of articulation and acoustics of speech; Intersection of phonology and phonetics across normal and disordered speech and language
Patrick Brady, MD	Hospital Medicine (CCHMC)	Clinical patient safety; rapid response systems; situation awareness; clinical deterioration; value; complex care and care coordination; patient and family-centered care
Joseph Broderick, MD	Neurology and Rehabilitation Medicine (UC)	Ischemic and hemorrhagic stroke
Hermine Brunner, MD, MSc, MBA	Rheumatology (CCHMC)	Biomarker discovery, medications for lupus
Melinda Butsch Kovacic, MPH, PhD	Rehabilitative, Exercise, and Nutrition Sciences (UC Allied Health)	Community engaged participatory research; health promotion; health literacy; science literacy; citizen science; asthma; cancer
Robert Coghill, PhD	Anesthesia (CCHMC)	Neural mechanisms of pain
Laura Conforti, PhD	Nephrology and Hypertension (UC)	Role of immune system in cancer, autoimmune disease
Lori Crosby, PsyD	Behavioral Medicine & Clinical Psychology (CCHMC)	Adolescents and young adults; sickle cell disease; transition to adult care; chronic pain; migraines; diversity and inclusion
Maria Czyzyk-Krzeska, MD, PhD	Cancer Biology (UC)	Mechanistic studies of signaling pathways and regulatory molecular mechanisms that regulate cancer cell survival and tumor growth in renal cancer
Lara Danziger-Isakov, MD, MPH	Infectious Disease (CCHMC)	Pediatric infectious disease; infections in transplantation; infections in immunocompromised hosts
Stella Davies, MBBS, PhD, MRCP	Cancer and Blood Diseases (CCHMC)	Bone marrow transplantation BMT, fanconi anemia, leukemia, sarcoma, cancer and blood diseases, rare lung diseases

George Deepe, MD	Infectious Diseases (UC)	Host response to fungal pathogens; immune regulators of resistance and susceptibility
Melissa DelBello, MD, MS	Psychiatry & Behavioral Neuroscience (UC)	neurodevelopment and neuropharmacology of bipolar disorder; mood disorders; Psychiatry
Lee Denson, MD	Gastroenterology, Hepatology, & Nutrition (CCHMC)	Therapeutic approaches in inflammatory bowel disease
Prasad Devarajan, MD	Nephrology (CCHMC)	Mechanisms, biomarkers and novel therapies for acute kidney injury and nephritis
Jonathan Dillman, MD, MSc	Radiology (CCHMC)	Pediatric radiology; imaging of the pediatric gastrointestinal tract (including bowel, liver, and pancreas); imaging of the pediatric genitourinary tract; Ultrasound and MRI evaluation of Crohn's disease; ultrasound and MRI detection and measurement of liver fibrosis
Alberto Espay, MD, MSc	Neurology and Rehabilitation Medicine (UC)	Parkinson's Disease, other movement disorders
Carl Fichtenbaum, MD	Infectious Diseases (UC)	Dyslipidemia and cardiovascular disease in HIV
Ted Folger, PhD, MS	Biostatistics and Epidemiology (CCHMC)	Research evaluation of prevention programs; interpersonal trauma and psychosocial adversity; child development and behavioral health; social epigenomics
Don Gilbert, MD MS FAAN FAAP	Neurology (CCHMC)	Clinical trials in Tourette syndrome and ataxia; genetics of Tourette syndrome; transcranial magnetic stimulation for neuromodulation and development of biomarkers of neurobehavioral symptoms for Tourette syndrome; ADHD; neurofibromatosis
Gordon Gillespie, PhD, RN	Nursing Research (UC/Nursing)	Workplace violence against healthcare workers
Tracy Glauser, MD	Neurology (CCHMC)	Neurology, clinical pharmacology, genomics
Michael Goodman, MD	General Surgery (UC)	General Surgery, critical care and trauma surgery
Stuart Goldstein, MD, FAAP, FNKF	Nephrology (CCHMC)	AKI epidemiology and outcomes, acute renal replacement therapy and investigation of novel urinary AKI biomarkers in the pediatric population
Jun-Lin Guan, PhD	Cancer Biology (UC)	Tyrosine kinase signaling in the regulation of breast cancer stem cells and angiogenesis Autophagy in breast cancer, neuralstem cells and neurodegenerative diseases Discovery of new signaling molecules in cell migration, angiogenesis and metastasis.
Gurjit Hershey, MD, PhD	Asthma Research (CCHMC)	Genomics of allergic inflammation with a focus on cytokines and signal transduction
Jed Hartings, PhD	Neurosurgery (UC)	Acute brain injury
Erin Hertlein, PhD	Hematology and Oncology (UC)	
David Hildeman, PhD	Immunobiology (CCHMC)	Molecular factors within T lymphocytes; staphylococcal enterotoxins, recombinant vaccinia viruses, lymphocytic choriomeningitis virus and MHC tetrameric reagents; antigen -specific T cell responses;
Christy Holland, PhD	Cardiology (UC)	Diagnostic and therapeutic ultrasound and image-guided targeted drug delivery
Moises Huaman, MD, MSc.	Infectious Diseases (UC)	Tuberculosis; interplay between infection, inflammation, and cardiovascular diseases

David Hui, PhD	Pathology and Laboratory Medicine (UC)	Cardiometabolic diseases, including atherosclerosis, obesity, and diabetes
Hyacinth Hyacinth, MD, PhD, MPH	Neurology and Rehabilitation Medicine (UC)	Sickle cell mutation and other genetic variants; stroke, cognitive impairment and dementia
Farrah Jacquez, PhD	Psychology (UC)	Community-engaged research, participatory research methods, immigrant health
Robert Kahn MD, MPH	General and Community Pediatrics (CCHMC)	Parental health as a mediator of poverty's effects on children; social and economic disparities in children's health; interaction of genes and environment in common childhood diseases
Brett, Kissela, MD, MS	Neurology and Rehabilitation Medicine	Neurology and stroke
Pooja Kharti MD, MSc.	Neurology & Rehabilitation (UC)	Stroke, acute stroke, stroke prevention, neurology
Ian Lewkowich, PhD	Immunobiology (CCHMC)	Examining the impact of early life exposures on the development of asthma
Kevin Li, PhD	Winkle College of Pharmacy (UC/Pharmacy)	Drug delivery, non-invasive pharmacokinetics
Maurizio Macaluso, MD, DPH	Biostatistics and Epidemiology (CCHMC)	Sexual and reproductive health
Rajat Madan, MD, PhD	Infectious Disease (UC)	Cellular and molecular mechanisms by which nutrition, metabolism, and immune responses to infections are fundamentally linked
Punam Malik, MD, PhD	Professor of Pediatrics (CCHMC)	Division of Experimental Hematology and Cancer Biology
Douglas Mast. PhD	Biomedical Engineering (UC)	Ultrasound image guidance for thermal ablation, passive cavitation detection and imaging, ultrasound-mediated drug delivery, therapeutic ultrasound for treatment of cancer
Frank McCormack, MD	Pulmonary Critical Care and Sleep Medicine (UC)	Critical Care Medicine, Pulmonary Disease, Genetic interstitial lung disease, Lymphangioleiomyomatosis
Jareen Meinzen-Derr, PhD	Biostatistics and Epidemiology (CCHMC)	Pediatric cochlear implants, neonatal outcomes
Eneida Mendonca, MD, PhD, FAAP, FACMI	Biostatistics and Epidemiology (CCHMC)	Biomedical Informatics
Eva Mistry, MD, MSc., FAHA	Neurology and Rehabilitation Medicine (UC)	Neurology
Mark Mitsnifes MD, MS	Nephrology (CCHMC)	Cardiovascular complications of chronic renal disease, clinical trials in hypertension
Avani Modi, PhD	Behavioral Medicine and Clinical Psychology (CCHMC)	Treatment adherence; health-related quality of life; patient-reported outcomes; executive functioning, adherence barriers, randomized controlled clinical trials, pediatric epilepsy: Adjustment to diagnosis, anxiety, depression, adherence difficulties
Jeffery Molkentin, PhD	Molecular Cardiovascular Biology (CCHMC)	Digestive Health, Heart, Molecular Cardiovascular Biology, Center for Translational Fibrosis Research
David Morales, MD	Cardiovascular Surgery	Cardiothoracic Surgery, Heart
Eric Mullins, MD	Hematology (CCHMC)	Hematology, Cancer and Blood Diseases
Tanya Mullins, MD, MS, FSAHM, FAAP	Division of Adolescent and Young Adult Medicine (CCHMC)	Prevention of sexually transmitted infections and HIV
Nehal Parikh, DO	Neonatology (CCHMC)	Perinatal brain injury/delayed brain development

Chandrashekhar Pasare, DVM, PhD	Immunobiology (CCHMC)	Innate immunity; toll-like receptor signaling; dendritic cell biology; innate control of adaptive immunity; regulation of inflammation
David Plas, PhD	Cancer & Cell Biology (UC)	Signal transduction control of cancer cell metabolism
Scott Powers, PhD	Behavioral Medicine and Clinical Psychology (CCHMC)	Bio-behavioral therapies in migraines
Timothy Pritts, MD, PhD	General Surgery (UC)	General surgery, gastrointestinal surgery, surgical critical care, trauma surgery and surgical education
Joseph Real, MD, MEd	General and Community Pediatrics (CCHMC), Co-Lead Digital Simulation, Center for Simulation and Research	General pediatrics; health disparities; medical education; virtual reality
Carley Riley, MD, MPP, MHS, FAAP	Critical Care Medicine (CCHMC)	Collective well-being; community and population health and well-being; systems science and change; participatory action research; multi-sector intervention; collective action; pediatric critical care
Brittany Rosen, PhD	Adolescent & Transition Medicine (CCHMC)	Vaccine uptake, implementation science
Marc Rothenberg, MD, PhD	Allergy and Immunology (CCHMC)	Eosinophilic esophagitis
Richard Ruddy, MD	Emergency Department (CCHMC)	Multicenter pediatric emergency research
Nathan Salomonis, PhD	Biomedical Informatics (CCHMC)	Methods for evaluating whole genome transcriptome datasets
David, Schnadower, MD, MPH	Emergency Medicine (CCHMC)	Infectious diseases, particularly UTIs, viral gastroenteritis, bloody diarrhea caused by STEC as well as role of gut microbiome in young infants with serious bacterial infections
Amy Shah, MD	Endocrinology (CCHMC)	Type 2 diabetes; type 1 diabetes; cardiovascular risk factors; lipids and lipoproteins
Samir Shah, MD	Hospital Medicine (CCHMC)	Efficiency and quality of care of hospitalized children
Carolyn R. Smith, PhD, RN, CNE, FAAOHN	College of Nursing (UC)	Worker health and safety, violence against women, qualitative methods, and mixed methods
George Smulian, MD	Internal Medicine (UC)	Antibiotic Stewardship, Mycology, Histoplasma And Pneumocystis, HIV/AIDS
Paul Spearman, MD	Infectious Disease (CCHMC)	HIV, Vaccines, Infectious Diseases
Daniel Starczynowski, MD, PhD	Professor in Experimental Hematology and Cancer Biology (CCHMC)	Experimental hematology
Vinita Takiar, MD, PhD	Radiation Oncology (UC)	Radiation Oncology, radiation resistance head and neck cancer
Bruce Trapnell, MS, MD	Pulmonary (CCHMC)	Rare lung diseases, macrophage transplantation
Andrew Trout, MD	Radiology (CCHMC)	Radiology, Fibrosis, Imaging
Kelli VanDussen, PhD	Gastroenterology, Hepatology & Nutrition (CCHMC)	Intestinal epithelium; inflammatory bowel disease; primary cell culture; basic research; translational research
Jennifer Vannest, PhD	Communication Sciences and Disorders (UC)	Cognitive Neuroscience of Language and Memory (using functional MRI); Cognitive Effects of Epilepsy and Neurodevelopmental Disorders
Shari Wade, PhD	Rehabilitation Medicine (CCHMC)	Rehabilitation and Psychological impact of chronic medical conditions on children and their families

Susan Waltz, PhD	Cancer Biology (UC)	Receptor tyrosine kinase signaling, tumor microenvironment, breast & prostate cancer,, stem cell biology, macrophages & tumorigenesis, mechanisms of therapeutic resistance
Jun Wang, Ph.D., PE, CIH	Environmental and Public Health Sciences (UC)	Traditional lab- and field-based environmental and industrial hygiene research, study emission mechanism and exposure measurement of airborne toxins from conventional occupational processes and emerging environmental sources
Russell Ware, MD, PhD	Hematology (CCHMC)	Hematology, Cancer and Blood Diseases, Global Health
Jim Wells, PhD	Developmental Biology (CCHMC)	Organoids: 3-dimensional tissues from pluripotent stem cells
T. John Winhusen, PhD	Psychiatry & Behavioral Neuroscience (UC)	Substance abuse treatment
Jason Winnick, PhD	Internal Medicine (UC)	Hepatic glucose production, diabetes, liver, pancreas, glucagon, hepatic glucose metabolism, liver glycogen, hypoglycemia, surgical weight loss, exercise, gastric bypass.
Kim Yolton, PhD	General and Community Pediatrics (CCHMC)	Development, behavior, and mental health from infancy to adulthood
Trisha Wise-Draper, MD, PhD	Hematology/Oncology (UC)	Mechanisms of therapeutic resistance and biomarkers in cancer
Margaret Zeller, PhD	Behavioral Medicine (CCHMC)	Barriers to weight management