

“Meet the Pediatric Infectious Disease Faculty”



Lisa Abuogi, MD is an Assistant Professor at the University of Colorado School of Medicine, in the Section of Infectious Diseases and Epidemiology where she divides her time between global health research, the Children’s Hospital Immunodeficiency Program (CHIP) clinic, and urgent care. She obtained her undergraduate degree in Biology and her medical degree at the University of Colorado. Dr. Abuogi completed her pediatric residency at the University of California San Francisco. Following residency, she completed a Fogarty International Health Clinical Fellowship in Kenya, where she also served as the Deputy Country Director for Family AIDS Care and Education Services (FACES) in Kenya, a PEPFAR funded collaboration between UCSF and the Kenya Medical Research Institute focused on building capacity of the Kenyan government to provide quality HIV preventive and treatment services. Her research interests include the prevention of mother to child transmission of HIV, implementation science and pediatric HIV/AIDS. After completing her clinical fellowship, she completed her Master of Science in Public Health at the London School of Hygiene and Tropical Medicine, and later joined the faculty at University of Colorado School of Medicine in 2012. She is an NIH-funded researcher with numerous peer-reviewed publications.



Mark Abzug, MD, is a Professor of Pediatrics at the University of Colorado School of Medicine in the Section of Infectious Diseases and Epidemiology. He is also the Associate Vice Chair for Academic Affairs for the Department of Pediatrics. He serves as one of the Transplant Infectious Diseases Consultants at Children’s Hospital Colorado. Dr. Abzug obtained his undergraduate and medical degrees at Boston University and completed his pediatric residency and chief residency at the University of Rochester. He then completed his fellowship in Pediatric Infectious Diseases at the University of Colorado School of Medicine and joined the University of Colorado faculty in 1988. His research interests include pediatric viral infections (and, in particular, enterovirus infections) and infections in immunocompromised patients. Dr. Abzug is the author of over 80 peer-reviewed publications and over 50 book chapters and reviews, and he is a Co-Editor of the textbook *Current Diagnosis and Treatment-Pediatrics*. Dr. Abzug has served on many scientific committees; currently he is the Vice-Chair of the Co-morbidities and Complications Scientific Committee of the NIH International Maternal Pediatric Adolescent AIDS Clinical Trials Group, Co-Chair of the NIH-CDC-IDSA/HIVMA-PIDS-AAP Guidelines for Treatment and Prevention of Opportunistic Infections Among HIV-Exposed and HIV-Infected Children Working Group, and a member of the American Board of Pediatrics Pediatric Infectious Diseases Self-Assessment Team.

“Meet the Pediatric Infectious Disease Faculty”



Emily Barr, CPNP, CNM, MSN is a Senior Instructor with Distinction at the University of Colorado School of Medicine, in the Section of Infectious Diseases and Epidemiology and a Clinical Research Program Manager of the Children’s Hospital Colorado Immunodeficiency Program (CHIP). She obtained her undergraduate degree at Cornell University in Communications and obtained her MSN and PNP at the Yale School of Nursing. She followed that with a post-masters certificate in Nurse Midwifery at SUNY Stony Brook. Emily was a Pediatric Nurse Practitioner from 1997 to 2001 in the SUNY Upstate Medical University pediatric HIV clinic before joining the faculty here in 2001. Her research interests include patient-provider relationships, transition from pediatric to adult HIV care, engagement in care, international adoption and long term complications of pediatric HIV disease. Ms. Barr serves on many scientific Committees. She current is the Co-Chair of the PHACS Study Coordination Committee and is a member of the HANC Study Coordination Working Group, the Cross Cultural Health Care Committee, the Site Evaluation Committee and the Children’s Hospital Colorado Health Literacy Committee. She is also a Member of the Medical Board of Advisors for the Round Up River Ranch, a Colorado based camp serving families affected by HIV and other chronic illnesses, and the Founder and Moderator of the Colorado Ethiopian Adoption Group.



Amber Bunch, MA, LPC, LAC is an Instructor of Pediatrics at the University of Colorado School of Medicine in the Section of Infectious Diseases and Epidemiology and Children’s Hospital Colorado Immunodeficiency Program (CHIP). Ms. Bunch obtained her undergraduate degree in Communication and her Masters in Counseling Psychology and Counselor Education from the University of Colorado, Denver. She is a Licensed Professional Counselor and a Licensed Addiction Counselor. Within the University of Colorado School of Medicine Department of Psychiatry, Addiction Research and Treatment Services, she worked as a substance abuse counselor and supervisor for the Potomac Street Center before joining the outpatient leadership team as the Clinic Coordinator for the Women’s Connection and Infectious Disease programs collocated in the Specialized Outpatient Services Clinic. She joined the faculty here as the Mental Health and Substance Abuse Specialist in 2015. Ms. Bunch has been involved in clinical studies in HIV and mental health, and her research and clinical interests include HIV disease as well as HIV prevention, mental health, trauma, and substance abuse in adolescents and young adults.

“Meet the Pediatric Infectious Disease Faculty”



Jessica Cataldi, MD, MScS is an Assistant Professor of Pediatrics at the University of Colorado School of Medicine in the Section of Infectious Diseases and Epidemiology. Dr. Cataldi obtained her undergraduate degree in Science, Technology, and International Affairs at Georgetown University. She obtained her medical degree at Northwestern University Feinberg School of Medicine in Chicago and her Master of Science of Clinical Science at the University of Colorado Denver. Dr. Cataldi completed her pediatric residency and Pediatric Infectious Diseases fellowship at the University of Colorado School of Medicine. After completing her fellowship, she became a Global Health Corps physician for a year with Texas Children’s Hospital through Baylor College of Medicine Children’s Foundation, primarily working in Mwanza, Tanzania and Lilongwe, Malawi. During this time, she was also an adjunct Instructor of Pediatrics with the University of Colorado School of Medicine, until her recent appointment in the Section of Infectious Diseases and Epidemiology. She is a member of the Immunization Data Advisory Council at the Colorado Children’s Immunization Coalition. Dr. Cataldi’s research interests include how to address vaccine hesitancy and improve vaccination delivery and acceptance.



Donna Curtis, MD, MPH is an Associate Professor of Pediatrics at the University of Colorado School of Medicine in the Section of Infectious Diseases and Epidemiology. She is also an Associate Professor in Epidemiology in the School of Public Health and holds an adjunct faculty position in the Child Health Associate/Physician Assistant program. She is the Director of the Pediatric Infectious Diseases Fellowship Program and serves as Co-Director of the Transplant Infectious Diseases service at Children’s Hospital Colorado. Dr. Curtis obtained her undergraduate degree at Georgetown University in Russian Language and attended the University of Colorado Denver where she completed post-baccalaureate, pre-medical courses. She obtained her MPH and medical degrees at Johns Hopkins University and completed her pediatric residency at the University of California, Los Angeles. She then completed her fellowship in Pediatric Infectious Diseases at the University of Colorado School of Medicine and joined the University of Colorado faculty in 2011. Her research interests include the immune response to influenza vaccines in immunocompromised hosts and improving vaccination rates in patients before transplant.

“Meet the Pediatric Infectious Disease Faculty”



Samuel R. Dominguez, MD, PhD is an Associate Professor of Pediatrics at the University of Colorado School of Medicine in the Sections of Infectious Diseases and Epidemiology. He is also an Associate Professor of Epidemiology in the School of Public Health. He serves as the Medical Director for the Clinical Microbiology Laboratory and is the Associate Medical Director for Infection Prevention and Control at Children's Hospital Colorado. He obtained his undergraduate degree in chemistry and mathematics at Houghton College. He then completed the MD/PhD program at the University of Chicago. Dr. Dominguez completed his pediatric residency at the University of Chicago and his Pediatric Infectious

Diseases fellowship at the University of Colorado, joining the faculty there in 2007. He has research interests in clinical diagnostics and diagnostic stewardship, emerging infectious diseases, pediatric respiratory viral infections and enteroviruses, and Kawasaki disease. He is a member of the National Pediatric Clinical Microbiology Laboratory Directors Group and has over 70 peer-reviewed publications.



Jennifer Dunn, MS, RN, FNP-BC is a Senior Instructor, Pediatric Family Nurse at the University of Colorado School of Medicine, in the Section of Infectious Diseases and Epidemiology and Children's Hospital Colorado Immunodeficiency Program (CHIP). She obtained her undergraduate degree in Psychology at the University of Colorado Boulder and both her Bachelor's and Master's in Nursing at the University of Colorado College of Nursing. She worked as an Emergency room nurse prior to joining the faculty here in 2008. Her research interests include pediatric HIV disease, long term effects of antiretroviral exposure as well as prevention of mother-to-child transmission (MTCT) of HIV.

“Meet the Pediatric Infectious Disease Faculty”



James Gaensbauer, MD, MScPH is an Assistant Professor of Pediatrics at the University of Colorado School of Medicine in the Section of Pediatric Infectious Diseases and Epidemiology. He is also an Assistant Professor of Epidemiology in the Colorado School of Public Health where he is a core faculty member at the Center for Global Health. He holds clinical appointments in Pediatrics and Pediatric Infectious Diseases at Denver Health Medical Center, the Denver Metro Tuberculosis Clinic/Denver Public Health, and Children’s Hospital Colorado. Dr. Gaensbauer obtained his undergraduate degree in neuroscience at Brown University and his medical degree at Vanderbilt University School of Medicine for which he was awarded a National Health Service Corps (NHSC) Scholarship. He completed his pediatric residency training at University of Washington School of Medicine. After residency, Dr. Gaensbauer served four years in the NHSC as a pediatrician at the LBJ Tropical Medical Center, Faga’alu, American Samoa, and the Yakima Valley Farm Workers Clinic in Grandview, Washington, where he also served as medical director. He went on to complete further subspecialty training at Cork University Hospital, Cork, Ireland in Allergy and Immunology, Pulmonary Medicine and Neonatology. During this time, he completed a Master of Science in Public Health at the London School of Hygiene and Tropical Medicine, followed by a Pediatric Infectious Diseases fellowship at the University of Colorado School of Medicine. He joined the faculty of the University of Colorado Department of Pediatrics in 2014 and has been based primarily at Denver Health Medical Center. His research interests focus on vaccine efficacy, mucosal immunity, and diarrheal disease and tropical enteropathy in low-income countries (particularly Guatemala). In the US, his work seeks to improve clinical care and public health responses for pediatric tuberculosis. He is a core faculty member in the University of Colorado Pediatric Residency program with an educational focus on clinical decision-making and resource stewardship. Dr. Gaensbauer is the author of numerous peer-reviewed publications and textbook chapters.



Heather Heizer, MMS, PA-C is a Senior Instructor, at the University of Colorado School of Medicine, in the Section of Pediatric Infectious Diseases and Epidemiology. She obtained her undergraduate degree in Cellular and Molecular Biology from Fort Lewis College, in Durango, CO and her Masters of Physician Assistant Studies from the Child Health Associate/Physician Assistant Program at the University of Colorado School of Medicine, she joined the faculty here in 2008. Ms. Heizer works in the outpatient Infectious Disease clinic and serves as the Infectious Diseases Medical Co-Director for the Ambulatory Clinic at Children’s Hospital Colorado. Ms. Heizer’s research interests include Kawasaki Disease, antibiotic side effects and musculoskeletal infections. She has co- authored numerous peer-reviewed publications.

“Meet the Pediatric Infectious Disease Faculty”



Shannon Hughes, MMS, PA-C, RD is a Senior Instructor, Physician Assistant at the University of Colorado School of Medicine, in the Section of Pediatric Infectious Diseases and Epidemiology. She obtained her undergraduate degree in Clinical Nutrition at the University of Texas Southwestern Medical Center at Dallas, her Masters of Medical Science at St. Francis University, Loretta, PA, and completed her Physician Assistant Certification at Red Rocks Physician Assistant Program. Ms. Hughes worked four years as a clinical dietitian before joining the faculty here in 2010. Her research interests include congenital CMV, fecal microbiota and musculoskeletal infections.



Myron Levin, MD is a Professor of Pediatrics & Medicine at the University of Colorado School of Medicine in the Section of Pediatric Infectious Diseases and Epidemiology and is the Associate Director of the Pediatric HIV Clinic. He graduated from Harvard Medical School and completed a residency in internal medicine at the Bronx Municipal Hospital Center (Einstein Medical School). He spent the next three years at the National Institutes of Health; the last two years at NIH were devoted to research in molecular virology. He returned to Harvard to complete a fellowship in Infectious Diseases in the combined adult-pediatric training program at Children’s Hospital and Beth Israel Hospital, and he became the first Chief of Infectious Diseases at the Sidney Farber Cancer Center (now the Dana-Farber Cancer Institute). From 1982 to 2000, Dr. Levin was Chief of Pediatric Infectious Diseases at the University of Colorado School of Medicine and Director of the Clinical Virology Laboratory at the University of Colorado Hospital. Dr. Levin directs a clinic for research on experimental vaccines and antiviral drugs, and he attends in the HIV clinic for children and pregnant women at Children’s Hospital Colorado. Dr. Levin’s clinical interests are in antiviral therapy, the immune response to herpesvirus infections, and vaccine science. His laboratory studies have focused on latency of herpesviruses in human neurons and varicella virus pathogenesis to overcome host protective responses. Clinical studies focus on the immune response to established and experimental vaccines and correlates of protection. Dr. Levin was a member of the Advisory Committee on Immunization Practices (CDC) for 5 years and served as its Chair. Dr. Levin has authored over 425 original articles and edited 14 books.

“Meet the Pediatric Infectious Disease Faculty”



Elizabeth McFarland, MD is a Professor of Pediatrics and Head of the Section of Pediatric Infectious Diseases at the University of Colorado School of Medicine and Medical Director of the Children’s Hospital Colorado HIV Program and Infectious Diseases Ambulatory Clinic. She obtained her undergraduate degree in biochemistry/molecular biology at Northwestern University and her medical degree at Duke University School of Medicine. She completed her pediatric residency and her Pediatric Infectious Diseases fellowship at the University of Colorado School of Medicine where she later joined the faculty in 1992. She is a representative on the AIDS Research Advisory Council which advised the Division of AIDS (DIADS) at the National Institutes of Health (NIH), the Medical Board at Children’s Hospital Colorado; the Cure Scientific Committee of the International Maternal Pediatric Adolescent AIDS Clinical Trials Group; the Pediatric AIDS/HIV Cohort Study Clinical Investigators Group and Nutrition, Metabolic, Growth Working Group; and the HIV Medical Advisory Committee of the Colorado Department of Public Health and Environment. Her primary areas of research interest are HIV vaccines for prophylaxis and immune-based therapy, HIV treatment and RSV vaccine clinical trials.



Kevin Messacar, MD is an Assistant Professor of Pediatrics at the University of Colorado School of Medicine in the sections of Hospitalist Medicine and Infectious Diseases and Epidemiology. He obtained his undergraduate degree in biochemistry and his medical degree at the University of Michigan. During medical school, he was a St. Jude Children’s Research Hospital’s Outreach Intern at La Unidad De Oncologia Pediatrica in Guatemala City, Guatemala. Dr. Messacar completed his pediatric residency and Pediatric Infectious Diseases fellowship at the University of Colorado School of Medicine and joined the faculty there in 2014. He is currently pursuing his PhD in Clinical Investigation at the University of Colorado Denver. His clinical research interests involve designing diagnostic and antimicrobial stewardship strategies for the implementation of rapid molecular diagnostic technologies to improve the clinical care of hospitalized children with suspected infections and improving the understanding, diagnostic testing, and treatment for central nervous system infections, including meningitis, encephalitis, and acute flaccid myelitis. He is a member of the Acute Flaccid Myelitis National Consortium and the Encephalitis 411 National Working Group. He received the first Astute Clinician Award from the Colorado Department of Public Health, the Gary Way Award for outstanding teaching, and the Century Award for junior faculty contributions, and he was recognized as a 5280 Magazine Top Doctor in 2017. He is an author of 34 publications and 8 chapters and is an associate editor of the Journal of Clinical Virology.

“Meet the Pediatric Infectious Disease Faculty”



Kacey Navarro, RN, BSN, FNP-C is an Instructor, Pediatric Nurse Practitioner (FNP) at the University of Colorado School of Medicine, in the Section of Pediatric Infectious Diseases and Epidemiology and Children’s Hospital Colorado Immunodeficiency Program (CHIP). She obtained both her Bachelor’s and Master’s degrees in Nursing from Creighton University. Ms. Navarro worked at University of Nebraska Medical Center, Casper-Natrona County Health Department and Gastroenterology of the Rockies prior to joining the faculty here in 2014. Her research interests include pediatric and adolescent HIV disease.



Ann-Christine Nyquist, MD, MSPH is a Professor of Pediatrics at the University of Colorado School of Medicine in the Section of Infectious Diseases and Epidemiology. She is also a Professor in the Department of Community & Behavioral Health at the Colorado School of Public Health. Dr. Nyquist serves as the Medical Director of Infection Prevention and Control at Children’s Hospital Colorado. She was the Pediatric Infectious Diseases Fellowship Director from 2005-2010 and University of Colorado School of Medicine Associate Dean of Diversity and Inclusion from 2009 to 2015, and she has been the Chair of the University of Colorado School of Medicine Department of Pediatrics Resident Recruitment and Selection Committee since 2015. Dr. Nyquist obtained her undergraduate degree in biomedical sciences and her medical degree at the University of Michigan and her Masters of Science in Public Health at the University of Colorado. She completed her residency training at UCLA Medical Center and her fellowships in Pediatric Infectious Diseases and NRSA Primary Care and Health Services at the University of Colorado School of Medicine before joining the faculty in 1995. Dr. Nyquist’s scientific interests include immunizations, antimicrobial utilization and resistance, and hospital epidemiology/infection control. Dr. Nyquist is a member of the Society for Healthcare Epidemiology of America (SHEA) Public Policy and Government Affairs Committee, Pediatric Infectious Diseases Society Board of Directors, American Academy of Pediatrics (AAP) Committee on Infectious Diseases (“Red Book Committee”), ACIP HPV Vaccine Working Group, AAP Emerging Infections and Outbreaks Subcommittee, AAP Antimicrobial Resistance and Stewardship Subcommittee, editorial board of *Annals of Infection*; and SHEA/CDC Outbreak Response Training Program Advisory Panel, and she is Chair of the SHEA Pediatric Leadership Council. Dr. Nyquist has over 35 peer-reviewed publications and co-authored over 25 book chapters.

“Meet the Pediatric Infectious Disease Faculty”



Sean O'Leary, MD, MPH is an Associate Professor of Pediatrics at the University of Colorado School of Medicine in the Section of Infectious Diseases and Epidemiology. He is also an investigator at ACCORDS (Adult and Child Consortium for Health Outcomes Research and Delivery Science), and the Director of the Colorado Children's Outcomes Network (COCONet), Colorado's pediatric practice-based research network. Dr. O'Leary obtained his undergraduate degree in Environmental Studies from Brown University and his medical degree from University of Texas, Houston. He completed his pediatric residency at the University of Colorado School of Medicine. He then joined a large general pediatric practice in Fort Collins, Colorado where he was a partner for eight years before returning to the University of Colorado to complete his Pediatric Infectious Diseases Fellowship, Masters in Public Health, and Primary Care Research Fellowship. He joined the faculty at University of Colorado School of Medicine in 2010. Dr. O'Leary has been involved in immunization-related research which focuses on prevention of vaccine-preventable diseases (VPDs) through understanding clinical, attitudinal and infrastructural barriers to vaccination, and developing and testing interventions to address those barriers. Dr. O'Leary serves as the liaison to ACIP for the Pediatric Infectious Diseases Society, serving on the HPV and Evidence-based Recommendations Work Groups. He is also a member of the Committee on Infectious Diseases (the Red Book Committee) of the AAP. He has over 70 peer-reviewed publications in the areas of HPV vaccine, vaccine safety, immunization policy, interventions in the clinical setting to improve vaccine delivery, and vaccine refusal.



Daniel Olson, MD is an Assistant Professor at the University of Colorado School of Medicine, in the Section of Infectious Diseases and Epidemiology. He is also an Assistant Professor in the Department of Epidemiology and a Senior Investigator at the Center for Global Health, in the Colorado School of Public Health. He obtained his undergraduate degree from Grinnell College in Iowa and his medical degree from Michigan State University. He completed his pediatric residency at the University of Wisconsin. Following residency, he completed a Fogarty International Clinical Research Fellowship in Lilongwe, Malawi, partnering with the University of North Carolina section of infectious diseases, to conduct several studies focusing on clinical trials and outcomes research. Dr. Olson completed his pediatric infectious diseases fellowship at the University of Colorado School of Medicine and joined the faculty there in 2015. His research interests include low-cost solutions to disease surveillance, outcomes-related research, and vaccine effectiveness, focusing on emerging infectious diseases such as arboviruses (dengue, Zika, chikungunya), influenza, and enteric pathogens. Dr. Olson is Director of the Global Health Fellowship and co-Director of the Pediatric Global Health and Disasters Course at the Colorado School of Public Health. He has over 20 peer-reviewed publications.

“Meet the Pediatric Infectious Disease Faculty”



Sarah K. Parker, MD is a Professor of Pediatrics at the University of Colorado School of Medicine in the Section of Pediatric Infectious Diseases and Epidemiology. She is also the Medical Director of the Pediatric Antimicrobial Stewardship program at Children’s Hospital Colorado. She was the Pediatric Infectious Diseases Fellowship Director from 2010-2015, and she is an affiliate faculty member at the Center for Global Health. She obtained her undergraduate degree in Spanish Literature at the University of Colorado, Boulder and her medical degree at Vanderbilt University School of Medicine. She completed her pediatric residency and her Pediatric Infectious Diseases fellowship at the University of Colorado. Dr. Parker’s research interests are judicious use of antimicrobials in pediatric patients, antimicrobial dosing in pediatrics, quality improvement, and orthopedic infections. She is a member of the Sharing Antimicrobial Reports for Pediatric Stewardship (SHARPs) committee, Pediatric Infectious Diseases Society (PIDS) representative to the Infectious Disease Society of America/Society for Healthcare Epidemiology of America (IDSA/SHEA) Antimicrobial Stewardship Measurement Workgroup, member of the Solutions for Patient Safety Expert Panel for Pediatric Antimicrobial Stewardship, PIDS representative on the Steering Committee of the IDSA/SHEA/PIDS Joint Antimicrobial Stewardship Fellowship Award, and member of the Pew Charitable Trust/CDC/National Quality Forum/American Hospital Association Technical Expert Panel on Antimicrobial Stewardship. She has over 30 peer-reviewed publications.



Suzanne More Paul, BSN, MSN, RN, FNP-C is a Senior Instructor, Family Nurse Practitioner (PNP) at the University of Colorado School of Medicine, in the Section of Pediatric Infectious Diseases and Epidemiology and Children’s Hospital Colorado Immunodeficiency Program (CHIP). She obtained her undergraduate degree in Nursing at the University of Virginia, and her Masters in Nursing from Emory University. In 2016, she completed a fellowship in the Duke Johnson and Johnson Nurse Leadership Program. Ms. Paul worked at Rose Medical Center and Denver Health prior to joining our faculty in 2001. She is the Lead Advanced Practice Provider for the section of Infectious Disease and serves on the Advanced Practice Shared Governance Council as the Chair of the Engagement and Alignment Committee. She has several peer-reviewed publications and her research interests include pediatric and adolescent HIV disease and implementing telehealth into the pediatric and research settings.

“Meet the Pediatric Infectious Disease Faculty”



Kimberly Pierce, DNP, RN, CPNP is a Senior Instructor and Pediatric Nurse Practitioner (PNP) with the University of Colorado School of Medicine, Section of Pediatric Infectious Diseases and Epidemiology CHIP Program (Children’s Hospital Colorado Immunodeficiency Program). Kim obtained her undergraduate degree in Psychology at the University of Colorado Boulder, her Bachelor’s and Master’s in Nursing, and Doctor of Nursing Practice at the University of Colorado Denver College of Nursing. Kim completed her fellowship in pediatric primary care with the College of Nursing and has worked in a variety of pediatric and adolescent primary care settings prior to joining the faculty the School of Medicine in 2013. Kim has served as a clinical research specialist on numerous clinical studies in HIV and her research interests include adolescent HIV disease as well as HIV prevention.



Suchitra Rao, MB, BS is an Assistant Professor of Pediatrics at the University of Colorado School of Medicine in the Sections of Infectious Diseases and Epidemiology and Hospital Medicine. She is also the Associate Medical Director of Infection Control at Children’s Hospital Colorado. She obtained her undergraduate degree in Medicine and Surgery at the University of Melbourne and completed her internal medicine residency at the Royal Melbourne Hospital. She completed her pediatric residency, Pediatric Infectious Diseases fellowship and Clinical Outcomes Research fellowship at the University of Colorado School of Medicine and joined the faculty in 2013. Her research interests include influenza epidemiology and vaccination, respiratory viruses, travel medicine, and tropical medicine. She is the Director of the Influenza Taskforce and Influenza Vaccine Advisory Committee at Children’s Hospital Colorado and Pediatric Clinic Director of the Travel Medicine Clinic at University of Colorado Hospital. She is a member of the Publications and Clinical Affairs Committee of the Infectious Diseases Society of America. Dr. Rao has over 20 peer-reviewed publications.

“Meet the Pediatric Infectious Disease Faculty”



Daniel H. Reirden, MD is an Associate Professor of Pediatrics and Internal Medicine at the University of Colorado School of Medicine in the Sections of Adolescent Medicine and Infectious Diseases and Epidemiology. He is also the Program Director for the Internal Medicine-Pediatrics Residency Program and the Medical Director for the Children’s Hospital Immunodeficiency Program’s (CHIP) Youth Program. He completed his undergraduate degree in Biology at Fordham University in Bronx, New York and completed his medical degree at the University of Connecticut School of Medicine. He completed a fellowship in Adolescent Medicine at Children’s Hospital of Philadelphia prior to joining the faculty there in 2003.

In 2007, he joined the pediatric faculty at the University of Colorado School of Medicine and was given a joint appointment in Pediatrics and Medicine in 2013. Dr. Rierden is a member of the National Med-Peds Resident Association, Society of Adolescent Health and Medicine, the American Academy of HIV Medicine, HHS Panel on Antiretroviral Guidelines for Adults and Adolescents, the PI Group, Adolescent Trials Network, Abstract Review Committee, Society for Adolescent Health and Medicine, the World Professional Association for Transgender Health, and the LGBTI Liaison committee for the American Academy of Medical Colleges. His clinical and research interests involve the care and prevention of HIV in adolescents and young adults and the care of transgender children, adolescents and Young adults. Dr. Reirden has peer-reviewed publications.



Sara Saporta-Keating, MD, MS is an Assistant Professor of Pediatrics at the University of Colorado School of Medicine in the Section of Pediatric Infectious Diseases and Epidemiology. She obtained her undergraduate degree in biology at the University of North Carolina, Chapel Hill. She obtained her Master of Science, Biomedical Science – Clinical Microbiology and Immunology and medical degree at the University of South Florida College of Medicine. She also completed her pediatric residency and chief residency at the University of South Florida Department of Pediatrics. She then completed her fellowship in Pediatric Infectious Diseases at the University of Colorado School of Medicine before joining the faculty here in 2018.

“Meet the Pediatric Infectious Disease Faculty”



Justin Searns, MD is an Assistant Professor of Pediatrics at the University of Colorado School of Medicine in the Sections of Hospitalist Medicine and Pediatric Infectious Diseases and Epidemiology. He obtained two undergraduate degrees in both Philosophy and Physiology at the University of Washington, Seattle and his medical degree from Oregon Health and Sciences University, Portland. Dr. Searns completed his Pediatric Residency, Pediatric Infectious Diseases Fellowship at the University of Colorado School of Medicine before joining the faculty there in 2018. He also completed a certification in Healthcare Quality, Safety and Efficiency through the Institute for Healthcare Quality, Safety and Efficiency at the University of Colorado Denver, School of Medicine. Dr. Searns is also the recipient of the Pediatric Infectious Diseases Society (PIDS) Fellowship Antimicrobial Stewardship Award. His research interests focus on the major areas of antimicrobial stewardship, clinical effectiveness, and resource utilization. He is currently working on several projects investigating the validation and impact of a novel rapid musculoskeletal diagnostic panel for pediatric patients. In addition, he is looking at the impact of several quality improvement initiatives at Children’s Hospital Colorado including EMR alert tools to prevent nephrotoxic medication-associated acute kidney injury and the impact of AKI on hospital length of stay. Lastly, he is interested in beginning work to evaluate the treatment and outcomes of intracranial infections. Dr. Searns is a member of the Pediatric Acute Musculoskeletal Infections Clinical Care Pathway Committee, the Pediatric Kidney Injury Disease Stewardship (PKIDS) group and Nephrotoxic Injury Negated by Just in Time Action (NINJA) implementation program all at Children’s Hospital Colorado. He has several peer-reviewed publications.



Eric A. F. Simões MB, BS; DCH, MD is a Professor of Pediatrics at the University of Colorado School of Medicine, in the Section of Infectious Diseases and Epidemiology. He is also a Professor of Epidemiology at the Center for Global Health, a WHO Collaborating Institution, and the Department of Epidemiology in the Colorado School of Public Health. He received his MB,BS, DCH and MD from the Christian Medical College, Vellore, University of Madras, India, and subsequently obtained his Fellowship in Pediatric Infectious Disease from the University of Colorado. He has been involved with WHO’s Integrated Management of Childhood Illness strategy since its inception in the early 1990’s. The World Health Organization in conjunction with UNICEF and other organizations developed this strategy to reduce childhood and infant mortality in the developing world. His research interests focus on the epidemiology and prevention of acute respiratory infections, including RSV, Influenza and *Streptococcus pneumoniae*. Specifically he has been involved in trying to understand the epidemiology and burden of RSV disease both in developing and industrialized countries. He has conducted studies in this regard in India, Indonesia, Philippines, Denmark, South Africa and USA. In addition he has been involved in studies on the prevention of RSV and its long-term effects in Europe, USA, Indonesia and Japan. He is the scientific consultant for the Bill and Melinda Gates Foundation

“Meet the Pediatric Infectious Disease Faculty”

and the Child Health Reference Group (CHERG), WHO. Dr. Simoes has over 195 peer reviewed publications.



Christiana Smith, MD, MSCS is an Assistant Professor of Pediatrics at the University of Colorado School of Medicine in the Section of Pediatric Infectious Diseases and Epidemiology. She obtained her undergraduate degree in health sciences at the University of Florida College of Public Health and Health Professions and her medical degree at the University of Florida College of Medicine. She completed her pediatric residency and Pediatric Infectious Diseases fellowship at the University of Colorado School of Medicine, where she joined the faculty in 2016. She is currently pursuing her Doctorate of Science in Clinical Science. Dr. Smith's research interests are in perinatal HIV transmission and the immunology of HIV-exposed infants and children.



Adriana Weinberg, MD is a Professor of Pediatrics, Medicine and Pathology at the University of Colorado School of Medicine and the Medical Director of the Clinical Virology and Molecular Laboratories at the University of Colorado Hospital. She obtained her medical degree and completed an Infectious Diseases residency at the University of Sao Paulo School of Medicine. She then completed a fellowship in Infectious Diseases at Stanford University School of Medicine and subsequently joined the faculty at the University of Colorado School of Medicine, Department of Pediatric in 1990. Dr. Weinberg is a Fellow of the Infectious Diseases Society of America and member of the American Association of Immunologists. She is a member of the TrialNet Steering Committee, the Complications and Vaccines Scientific Committee of the International Maternal Pediatric Adolescent AIDS Clinical Trials Group (IMPAACT), and the Women's Health Inter-Network Scientific Committee of IMPAACT and AIDS Clinical Trials Group (ACTG). In 2016, Dr. Weinberg received the Constance B. Woofsy Women's Health Investigator Award from the ACTG for outstanding research and clinical contributions to the care of women living with HIV. Dr. Weinberg's research has focused on cellular and molecular immune mechanisms of protection against viral infections and efficacy of vaccines in people living with HIV and other immune compromised hosts. Dr. Weinberg has more than 200 publications in first tier peer-reviewed journals and receives research funding from federal agencies and pharmaceutical companies.