

# TODD ALEXANDER

Associate Director, Women and Children's Health Research Institute

Dr. Alexander is a pediatric nephrologist at the Stollery Children's Hospital and professor of pediatrics at the University of Alberta. He completed his bachelor of science in biochemistry at Queen's University and then his MD at the University of Western Ontario. Training in pediatrics was performed at Memorial University in Newfoundland and pediatric nephrology at the Hospital for Sick Children, Toronto. After this, he received a PhD in cell biology from the University of Toronto. He then completed a postdoctoral fellowship in renal tubular physiology at St. Radboud University in the Netherlands. Thereafter he was recruited to the University of Alberta as an assistant professor in 2008, with his wife and two daughters.

Dr. Alexander is the Canada Research Chair in renal tubular epithelial transport, processes that are abnormal in children with kidney stones. He meshes his research program that studies causes and consequences of pediatric kidney diseases with a clinical practice focusing on disorders of renal tubular transport, such as kidney stone formers. This work has produced more than 90 publications

Dr. Alexander has also been heavily involved in research training, and currently leads the National Kidney Research Scientist Core Education and Training Program.

Dr. Alexander has been involved with the Women and Children's Health Research Institute (WCHRI) since his recruitment. He became a Distinguished Researcher of the Stollery Science Lab in 2019, and joined WCHRI leadership in 2020 as associate director.

