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Dr. Pinney is an Associate Professor of Pediatrics at the Perelman School of Medicine at the University of Pennsylvania and an attending physician in the Division of Endocrinology and Diabetes at the Children's Hospital of Philadelphia (CHOP). She is the Director of the Atypical and Monogenic Diabetes program at CHOP, the Chair of the University of Pennsylvania Medical Faculty Senate and the Associate Program Director for the CHOP Pediatric Endocrinology Fellowship program. Dr. Pinney completed her undergraduate degree at the University of Pennsylvania and received her medical degree from the University of Cincinnati College of Medicine. She completed her pediatric residency at Children's Memorial Hospital/Northwestern University in Chicago, IL. Following residency, she completed her fellowship in Pediatric Endocrinology at CHOP and afterwards completed a post-doctoral fellowship in fetal programming in the laboratory of Dr. Rebecca Simmons at the Center of Research in Reproduction and Women's Health as well as a Masters of Translational Research degree at the University of Pennsylvania.

The principal focus of the research program in the Pinney Lab is to determine the molecular mechanisms that link an adverse intrauterine milieu to the development of diabetes and obesity later in life. Her lab is investigating how gestational diabetes and maternal obesity, intrauterine growth restriction and *in utero* exposure to environmental toxicants contribute to the development of diabetes and obesity in the offspring. The Pinney Lab research focuses on human samples, animal models, and cell culture systems to study molecular mechanisms, including epigenetic modifications responsible for fetal programming of adult metabolic disease. Specifically, the lab has been investigating the molecular mechanisms that are responsible for the development of diabetes, non-alcoholic fatty liver disease and obesity in offspring after exposure to an altered intrauterine environment.

As the director of the Atypical and Monogenic Diabetes Program at CHOP, Dr. Pinney established an algorithm to identify candidates for genetic testing from the patients recently diagnosed with diabetes. She has evaluated over 150 patients for atypical diabetes, completed genetic testing 70% of eligible patients and identified genetic mutations in approximately 80% of individuals tested. Using the genetic testing results, Dr. Pinney and her team take a "personalized medicine" approach to identify the best treatments for her patients with atypical and monogenic forms of diabetes.

In addition to her passion for translational research and clinical care, Dr. Pinney finds great joy in mentoring future physician scientists in her lab and helping to training the next generation of pediatric endocrinologists.