Madison Lennon, B.E.
Research Assistant, Nemours Children's Hospital

Madison Lennon is a Research Assistant at Nemours Children's Hospital, where she works with the Gait Lab team to analyze 3D motion capture data from children and adults with cerebral palsy. Her research supports efforts to better understand gait abnormalities and musculoskeletal impairments, with the goal of informing clinical decision-making and improving patient outcomes. Her current project focuses on the relationship between anterior pelvic tilt and back pain in individuals with cerebral palsy.

In addition to her research at Nemours, Madison is a Data Analyst at IQVIA, where she works with large-scale healthcare datasets to generate insights that support commercial strategy and client decision-making. She previously served as a Clinical Research and Implementation Engineer at Innovative Precision Health, where she developed SQL-based data solutions to accelerate clinical trial recruitment using real-world evidence.

Madison is passionate about bridging clinical research and data science to improve outcomes for individuals with complex movement disorders and to support innovation across both academic and industry settings.