

DR. GREGORY FISCHER

GRADUATED FROM EDGAR HIGH SCHOOL IN 2006

Dr. Greg Fischer grew up in Fenwood, Wisconsin and graduated from Edgar High School in 2006. Dr. Fischer obtained his Bachelor of Science degree in Biochemistry/Molecular Biology from UW-Eau Claire in 2011 and his Doctoral Degree (PhD) in Genetics from UW-Madison in 2016. Dr. Fischer's thesis work focused on the development of opportunistic fungal pathogens within the human host, identifying signaling molecules used by both humans and fungi to direct cellular and fungal development. Dr. Fischer completed a fellowship in Laboratory Genetics and Genomics at UW Health in 2022.

As a human geneticist, Dr. Fischer is responsible for the identification and interpretation of genetic mutations (variants) responsible for inherited human diseases. These include hereditary forms of cancer, neurodevelopmental disorders, metabolic, ocular, kidney, and movement disorders, with a specific focus on the genetics of autism spectrum disorders. In some cases, a genetic diagnosis allowed patients to become eligible for one of the first gene therapy treatments approved by the FDA; one such therapy leading to the restoration of vision. To date, Dr. Fischer is an author on 10 peer-reviewed scientific publications and is active in numerous patient advocacy campaigns.

Dr. Fischer resides in Marshfield, Wisconsin and enjoys kayaking and gardening.