Stanford

Seth Andrew Sharp

Postdoctoral Scholar, Endocrinology and Metabolism

Bio

BIO

Seth is a Postdoctoral Fellow in the Translational Genomics of Diabetes lab located at Stanford Research Park under the supervision of Professor Anna Gloyn. Seth completed a B.E. in Applied Mathematics before studying a PhD at the University of Exeter with Dr Richard Oram where he researched the use of genetics to predict common autoimmune disorders. Seth studied at the Alan Turing Institute in London where he used machine learning and artificial intelligence methods to predict autoimmunity and has worked collaboratively to improve screening of Type 1 diabetes from birth. Seth's postdoctoral studies focus on using genetic, transcriptomic and epigenetic data to understand the mechanisms by which both Type 1 and Type 2 diabetes occur in the human pancreas. He is also interested in ways to quantify genetic risk such as polygenic risk scores and their application in both research and clinic.

PROFESSIONAL EDUCATION

- Doctor of Philosophy, University Of Exeter (2021)
- Bachelor of Engineering, University of Bristol (2016)

STANFORD ADVISORS

- Anna Gloyn, Postdoctoral Faculty Sponsor