Post-doctoral Scholar Position available in: statistical genetics and computational analysis of disease-associated and other functional variation in the human genome.

A postdoctoral scholar position is available in the research group of Dr. Xuanyao Liu at the University of Chicago. The Liu lab develops statistical methods to understand the genetic basis of complex traits. The exact projects for the scholars will be flexible, though based around trans gene regulation and complex traits, understanding genetic architectures of cis and trans- gene expression regulation, understanding trans-ethnic genetic architectures of gene expression and complex traits, and improving polygenic score portability. The scholar will be working closely with me, and my goal is to provide ample supervision and support for the scholar to be successful in academia and industry. The candidate will also benefit from training at a campus with reinforcing strengths in statistical genetics and human genetics. We maintain close interactions with groups focusing on statistical/computational problems in human genetics (e.g., Stephens, Novembre, Li, He, Imm, Abney and Dahl) and genetic studies of gene regulation (e.g., Gilad, Li). Suitable candidates may come from a wide variety of quantitative / data science backgrounds. Those with strong expertise in computational and statistical genetics will be preferred. The expected start date is negotiable, and the salary will be competitive and based on the level of experience. To apply please send a brief cover letter, curriculum vitae, and contact information for two references to xuanyao@uchicago.edu. Please see https://voices.uchicago.edu/liulab/members/ to learn more about the group.