



Faculty Position in Psychiatric Genomics
University of Utah School of Medicine

The University of Utah School of Medicine is seeking applicants for an open faculty position in Psychiatric Genomics at a rank commensurate with prior experience. The University of Utah Department of Psychiatry, in collaboration with the University of Michigan, the Psychiatric Genomics Consortium, the Autism Sequence Consortium, and the Virginia Institute for Psychiatric & Behavioral Genetics, is examining multiple phenotypes (mood/bipolar disorders, schizophrenia, autism, suicide, schizotypy, well-being, drug and alcohol use, treatment-resistant depression) using diverse analytic methods.

The Department has unprecedented and unique resources, including (but not limited to):

- The Utah Genome Project (N > 6,000 and growing), with whole genome sequencing data on 1000 samples, exome sequencing on an additional 5000, and funds for pilot projects and faculty and postdoc recruitment. This large sample is a subsample of the Utah Population Database.
- The Utah Population Database (N ~ 9 million), a resource of demographic and vital records data, DSM/ICD medical/psychiatric diagnostic and medication data, geocoded spatial clustering data, and genealogical records extending back several generations. This resource facilitates the identification of very large extended pedigrees at high risk for genetic disorders (e.g. dense pedigrees). The database has thus far been utilized in psychiatry to examine autism spectrum disorders, suicide, and PTSD, and is the cornerstone of many other funded genetic studies at the University of Utah.
- Ongoing mass, automated psychiatric symptom screening and consent at all local and regional university clinics, allowing for rapid identification and ascertainment of research cohorts from over 100,000 patients.
- The UU School of Medicine, a top-10 flagship medical campus and home to several research-dedicated 3T and PET/CT scanners, cutting-edge oncogenetic research, and research on rare childhood and neurodevelopmental disorders.
- The Neuroscience Initiative--a new, multidisciplinary research and clinical initiative designed to foster innovative, collaborative research that translates to improved interventions. This includes a strong interdisciplinary initiative with Arts & Sciences (whose faculty are also engaged in epigenetic, extended pedigree, and polygenic analysis of complex traits) with a student body of over 30,000.
- One of the 15 NIH Adolescent Brain and Cognitive Development (ABCD) grant sites, the largest long-term study of brain development and child health in the United States
- The Salt Lake VA, one of the selected sites for the Million Veterans Program (MVP), a project to compile blood samples and health information from one million veteran volunteers.

Applicants must have a Ph.D. or M.D. Preferred applicants will be comfortable with methods relevant to complex trait analysis. Someone familiar with dimensional approaches to psychiatric assessment, sequencing methods, and/or with PGC analytics background also favored. Applicants must have demonstrated an ability to obtain external research funding and should have excellent communication and leadership skills.

Salt Lake City is one of the most beautiful cities in the world, surrounded by mountains, with world-class skiing, hiking, backpacking, rock climbing, and mountain biking. The city also enjoys the Sundance Film Festival, a vibrant music scene, excellent restaurants, one of the largest LGBT communities in the country, the Utah Symphony/Utah Opera, professional basketball, baseball, and soccer teams, Ballet West (one of the premiere ballet companies in the country), a vibrant art community, and many other cultural attractions.

The University of Utah is an Equal Opportunity, Affirmative Action Employer of all protected classes including veterans and individuals with disabilities. Women and minorities are encouraged to apply. Applicants should send

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a statement of research experience and career goals and CV to hilary.coon@hsc.utah.edu, anna.docherty@hsc.utah.edu, and jonkar.zubieta@hsc.utah.edu.