



# VCU

## Center for Biomarker Research and Precision Medicine

Post-doctoral researcher in large-scale epi-genomic studies of schizophrenia and substance use disorders.

The project aims to identify and better understand the epi-genomic contributions to schizophrenia and substance use disorders, and predict response to treatment. Data from large-scale methylome-wide association studies and phase III clinical trials are available to achieve this goal.

The successful candidate will have a Ph.D. (or equivalent degree) in psychiatry/psychology/epidemiology or statistics/computational biology. S/he will analyze high dimensional datasets that for an important part are generated (in-house) using next-generation sequencing of genomes, methylomes, and transcriptomes. Experience with Linux/Unix and R is desirable.

The project is highly multidisciplinary and interactive involving external collaborators in the US and abroad (e.g., Karolinska Institute Sweden). The Center is well funded and equipped, occupying a suite of state-of-the-art laboratories on the university's medical campus. The position is initially for two years and offers ample opportunities for publishing articles and career development.

All interested applicants should email a current resume and three (3) names and contact information of references to: Edwin van den Oord ([ejvandenoord@vcu.edu](mailto:ejvandenoord@vcu.edu)) or Karolina Aberg ([kaaberg@vcu.edu](mailto:kaaberg@vcu.edu)) at Virginia Commonwealth University, Center for Biomarker Research and Precision Medicine ([www.pharmacy.vcu.edu/biomarker/](http://www.pharmacy.vcu.edu/biomarker/))

*Virginia Commonwealth University is an Equal Opportunity / Affirmative Action Employer. Women, minorities, and persons with disabilities are encouraged to apply.*