Dr. Jordan W. Smoller, M.D., Sc.D.
Dr. Smoller is Professor of Psychiatry at Harvard Medical School and Professor in the Department of Epidemiology at the T.H. Chan Harvard School of Public Health in Boston. He is Associate Chief for Research for the MGH Department of Psychiatry and Director of the Psychiatric and Neurodevelopmental Genetics Unit in the MGH Center for Genomic Medicine. Dr. Smoller also serves as co-director of the Genetics and Genomics Unit of the MGH Clinical Research Program, is an Associate Member of the Broad Institute and a Senior Scientist at the Broad's Stanley Center for Psychiatric Research. Dr. Smoller is the lead investigator of The New England Precision Medicine Consortium for the NIH awarded Precision Medicine Initiative which aims to connect research data from over 1 million participants across the U.S. with a goal of improving prevention and treatment of diseases.

Psychiatric and Neurodevelopmental Genetics Unit (PNGU)
The PNGU lab was founded in 2001 and is Directed by Dr. Jordan Smoller. The mission of PNGU is to identify and characterize the genetic basis of psychiatric, behavioral, and neurodevelopmental disorders and to translate these discoveries to improvements in clinical care and public health. The PNGU mission is supported by over 10 full time faculty members, post-docs, lab technicians, coordinators and managers. A number of studies are currently ongoing and involve collaboration with experts around the world. A large number of studies focus on genomewide analyses and cross-disorder analyses of a variety of disorders including autism, ADHD, bipolar disorder, depression, PTSD, schizophrenia, and others.

Post-Doctoral Research Fellow (Psychiatric Genetics, Statistical Genetics, and Precision Medicine) PI: Jordan Smoller, MD, ScD
The Psychiatric and Neurodevelopmental Genetics Unit and the Precision Medicine Research Unit in the Massachusetts General Hospital (MGH) Center for Genomic Medicine has an immediate opening for a postdoctoral fellow position encompassing big data analytics, precision medicine, and psychiatric genomics. Our program is conducting studies aimed at the development and clinical translation of novel approaches to risk prediction and genomic medicine using high-dimensional data to advance precision psychiatry. Our research leverages large-scale data resources including electronic health records, genomics, neuroimaging, and behavioral data across the spectrum of neuropsychiatric disorders (e.g. autism, ADHD, psychotic, mood and anxiety disorders, PTSD) and related phenotypes (e.g. suicide, treatment response, brain imaging). Our highly collaborative and dynamic research environment includes leading scientists, clinicians, and trainees at MGH, the Broad institute, Partners Healthcare, Harvard Medical School, and the Harvard T.H. Chan School of Public Health.

Mentorship, training, and career development opportunities span precision and genomic medicine, neuropsychiatric genetics, and population health. We seek a highly motivated and dedicated MD or PhD with strong training in biomedical informatics, biostatistics, predictive analytics, machine learning/AI, computer science, applied mathematics, and/or statistical genetics with outstanding quantitative skills, proven ability to work well in a collaborative environment, fluency with all modes of communication in English, and strong writing skills.To apply, please send a single email containing your CV, a short statement describing your qualifications for this position, and contact information for three professional references to Dr. Jordan W. Smoller at jsmoller@hms.harvard.edu