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Robert C. Green, MD, MPH

***Overview**:* Robert C. Green, MD, MPH is a medical geneticist and physician-scientist who directs the G2P Research Program (genomes2people.org) in translational genomics and health outcomes in the Division of Genetics at Brigham and Women's Hospital, the Broad Institute and Harvard Medical School. Dr. Green sees patients and conducts empirical research around the medical, behavioral and economic outcomes associated with the implementation of genomic medicine. He recently co-chaired the Steering Committee of both the Clinical Sequencing Exploratory Research program (18 NIH grants, over 300 investigators), and currently co-chairs the Steering Committee of the Newborn Sequencing in Genomic Medicine and Public Health program (4 NIH grants, over 100 investigators) and is a co-investigator on recently awarded Partners site grants within the Electronic Medical Records and Genomics Network and the Precision Medicine Initiative. He is Associate Director for Research of Partners HealthCare Personalized Medicine and a member of the Executive Committee for the Partners BioBank.

***Education and Training**:* Dr. Green graduated from Amherst College and the University of Virginia School of Medicine, and earned a Masters of Public Health in epidemiology from Emory University School of Public Health. He obtained specialty training at Harvard Medical School residencies and fellowships, and is board certified in both neurology and medical genetics.

***Research**:* Dr. Green led the first experimental trials disclosing common complex disease risk (REVEAL Study) and one of the first prospective studies of direct-to-consumer genetic testing services (PGen Study). He currently leads and co-leads the first randomized trials to explore the implementation of medical sequencing in adults (MedSeq Project) and newborns (BabySeq Project), respectively. Recent scientific contributions include publication of the first randomized trials to assess the impact of common complex genetic risk markers, empirically measuring the outcomes of direct-to-consumer genetic testing, design of a variant classification pipeline and single page summary for reporting clinically relevant results of whole genome sequencing to physicians, as well as the first demonstration of aggregate penetrance of genomic variants in a prospective population study. He has been continuously funded by NIH for 26 years and has published over 300 papers with an h index of 67. In 2014, he won the Coriell Prize for Scientific Achievement in Personalized Medicine. He has also forged research collaborations with Genomics England, Illumina, 23andMe and Google. Since joining the Harvard Medical School faculty in 2011, he and the G2P research team have been awarded federal and non-federal research totaling $30.6 million.

***Policy**:* Dr. Green was lead author on the influential recommendations for managing incidental findings in clinical sequencing from the American College of Medical Genetics and Genomics and a co-author on recommendations for managing incidental findings in research biobanks among participants and among family members of participants. He is a member of the National Academies of Science, Engineering and Medicine Committee on the "Evidence Base for Genetic Testing" and a Board Member of the Council for Responsible Genetics.

Presentations: Keynote and plenary presentations include the American College of Medical Genetics and Genomics, Cold Spring Harbor, World Congress of Psychiatric Genetics, Human Genome Variation Society, European Society for Human Genetics, BioData World, Forbes Healthcare Summit, World Science Festival, Future of Genomic Medicine Conference, Exponential Medicine Conference, Festival of Genomics and JP Morgan. His work and commentary have been featured on PBS television documentaries, and repeatedly highlighted on PBS radio, NBC Nightly News, the Today Show, CNBC, the New York Times, the Wall Street Journal, Time Magazine, New Scientist, FastCompany, GenomeWeb and Buzzfeed. Research findings from the Genomes2People Research Program are highlighted in these blog posts and this video channel.

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