

**John Quackenbush** completed a Ph.D. in theoretical physics in 1990, followed by a two-year postdoctoral position in experimental particle physics and phenomenology. In 1992 he received a five year fellowship from the National Center for Human Genome Research to turn his talents to the study of genomics. Since that time he has worked on various aspects of genomics, including mapping, sequencing, functional genomics and bioinformatics. Since making the transition to biology, he has worked at The Salk Institute, Stanford University, and The Institute for Genomic Research (TIGR). In March 2005, Dr. Quackenbush joined the faculty at the Dana-Farber Cancer Institute with appointments as Professor of Biostatistics and Computational Biology and as Professor of Computational Biology and Bioinformatics at the Harvard School of Public Health. He is on the editorial boards of five major journals and Editor-in-Chief at Genomics, recently completed a four-year appointment as a standing member of the NIH GCAT Study Section, and is a member to two National Research Council panels examining the applications of genomic approaches to the study of toxicology. Dr. Quackenbush's work focuses on functional and comparative genomics and bioinformatics and its application to the study of human disease. Current research projects include the identification of expression fingerprints and genomic alterations that are relevant to colon and breast tumor metastasis, the development of novel computational approaches for the interpretation of large-scale datasets, and methods for data integration to facilitate gene discovery. His group produces a series of web-based gene annotation databases that have more than 7,000,000 yearly hits and his TM4 microarray software suite has more than 100,000 estimated users.

John Quackenbush holds appointments as Professor of Biostatistics and Computational Biology and Professor of Cancer Biology at the Dana-Farber Cancer Institute and Professor of Computational Biology and Bioinformatics at the Harvard School of Public Health. He is on the editorial boards of five major journals and Editor-in-Chief at Genomics and has served on numerous government review panels. Dr. Quackenbush's work focuses on functional and comparative genomics and bioinformatics and its application to the study of human disease.



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