

Rafael Irizarry

**Bio:** Rafael Irizarry is a Professor of Biostatistics at the Harvard T.H. Chan School of Public Health and a Professor of Biostatistics and Computational Biology at the Dana Farber Cancer Institute.

His research interests include the analysis and signal processing of microarray, next-generation sequencing, and genomic data. He is currently interested in leveraging his knowledge in translational work, e.g. developing diagnostic tools and discovering biomarkers. He received his Ph.D. in statistics in 1998 from the University of California, Berkeley. In 2009, the Committee of Presidents of Statistical Societies (COPSS) named Dr. Irizarry the Presidents' Award winner. The Presidents' Award is arguably the profession's most prestigious award honoring early career contributions. Dr. Irizarry also received the 2009 Mortimer Spiegelman Award which honors an outstanding public health statistician under age 40. He also won the 2001 American Statistical Association Noether Young Scholar Award for researcher, younger than 35 years of age, who has significant research accomplishments in nonparametric statistics. Dr Irizarry was also named a fellow of the American Statistical Association in 2009.

Dr. Irizarry also develops open source software implementing his statistical methodology. His software tools are widely used and he is one of the leaders and founders of the Bioconductor Project, an open source and open development software project for the analysis of genomic data. Bioconductor provides the most widely used software tool for the analysis of microarray data.