

Anirban Basu (MS Biostatistics, UNC- Chapel Hill, PhD Public Policy, University of Chicago)

Biography

I am an Assistant Professor of Medicine at the University of Chicago and a faculty research fellow at the National Bureau of Economic Research. My research interests lie in revealing heterogeneity in clinical and economic outcomes in order to establish the value of individualized care. My work has focused on translating such information for public policy using innovative methods in comparative effectiveness and cost-effectiveness research. I have developed methods dealing with issues related to modeling health expenditure data, which is renowned for its idiosyncrasies and the difficulties it poses for applied health services researchers. I have also worked on methods used for making causal inferences using observational data. My applied work spans many dimensions that include analyzing the cost-effectiveness of prostate cancer treatments, establishing the value of individualized care based on patient preferences, developing models to predict quality of life of patients with multiple comorbidities, measuring the effect of patients' health on the quality of life of their partners, developing novel methods to estimate long-term costs of prostate cancer therapies, estimating the future value of research in diagnosing and finding a cure for Duchenne muscular dystrophy, developing simulation models for evaluating the cost-effectiveness of pharmacological treatment algorithms in schizophrenia, and comparative effectiveness research on the dynamic intensification of glucose lowering therapies in diabetes.

I am an Associate Editor for both Health Economics and the Journal of Health Economics and co-teach courses on decision analysis and cost-effectiveness analysis at the University of Chicago. I have received numerous recognitions for my work throughout my career and for which I remain grateful to my mentors and peers: the NARSAD Wodecroft Young Investigator Award (2005), the Research Excellence Award for Methodological Excellence (2007) and the Bernie O'Brien New Investigator Award (2009) from the International Society for Pharmacoeconomics and Outcomes Research, the Alan Williams Health Economics Fellowship (2008) from the University of York, UK and the Labelle Lectureship in Health Economics (2009) from McMaster University, Canada.