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Partha Lahiri

Professor at the University of Maryland College Park

The contribution of Joint Program in Survey Methodology (JPSM) to

train graduate students in Survey and Data Science

The founding of JPSM in 1993 resulted from an initiative of the United States Federal Statistical Agency heads, the head of the Office of Management and Budget's Statistical Policy Office, and the chair of the U.S. President's Council of Economic Advisors. The founders of JPSM brought together a consortium of organizations, disciplines, and researchers to provide the necessary expertise in survey methodology, which deals with theories and practices of various data collection and analysis activities for effective decision making. The survey methodology world has changed since JPSM's founding. Examples include the rise of nonprobability surveys, the growing reliance on probability panels and the new opportunities that now exist to use unstructured data collected for various purposes. The recent renaming of our degree programs – our degree-seeking students now receive either a Master of Science in Survey and Data Science or a PhD in Survey and Data Science – and corresponding changes in our instructional programs reflect the changes that have occurred in the field. In this talk, I will provide information on JPSM's Master of Science Degree program in Survey and Data Science.

About the Speaker

Dr. Partha Lahiri is Professor and Director of the Joint Program in Survey Methodology (JPSM) and Professor of Department of Mathematics at the University of Maryland College Park (UMD), and an Adjunct Research Professor of the Institute of Social Research, University of Michigan, Ann Arbor. Prior to joining UMD, Dr. Lahiri was the Milton Mohr Distinguished Professor of Statistics at the University of Nebraska-Lincoln. He has been recently appointed as the President-Elect of the International Association of Survey Statisticians. His research interests include survey statistics, Bayesian statistics, data integration, and small-area estimation. He published over 75 papers in peer-reviewed journals, delivered 17 plenary/keynote speeches and over 80 invited talks in professional meetings worldwide. Over the years, Dr. Lahiri served on the editorial board of several international journals, including the Journal of the American Statistical Association and Survey Methodology. He served on several advisory committees, including the U.S. Census Advisory committee and U.S. National Academy panel and served as advisor for international organizations such as the United Nations and the World Bank. Dr. Lahiri is an elected Fellow of the American Statistical Association and the Institute of Mathematical Statistics and an elected member of the International Statistical Institute. He received the 2021 SAE Award at the 63rd World Statistics Congress Satellite Meeting on Small Area Estimation in recognition of lifetime contributions to small area estimation research. More recently, Dr. Lahiri was awarded the Neyman Medal at a joint session of the 3rd Congress of Polish Statistics and 2022 International Association of Official Statistics (IAOS) held in Krakow, Poland, for outstanding contributions to the development of

statistical sciences.