Rajat Mukherjee, PhD

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✉ rajat@mukherjee-consultants.com

Born: October 7, 1970

Canadian nationa

Profile

A passionate, dedicated and highly efficient statistician with a natural flair for interpersonal dialogue and exchange.

Work Experience

June 2023 – Present

Founder and Chief Statistical Consultant,
Mukherjee-Consultants, Barcelona, Spain

Provide expert statistical consultancy for pipeline and clinical trial design (both traditional as well as Bayesian), risk-mitigation strategies with adaptive and simulation-guided designs, regulatory advice on statistical considerations, complex data analysis and visualisation, machine-learning for diagnostics and biomarkers.

April 2022 – May 2023

Vice President, Advanced Statistics and Data Science
Alira Health, Barcelona, Spain

Part of scientific leadership team, working with regulatory, medical affairs and market access experts providing innovative strategies for pipeline development and clinical trial design for pharma, biotech and medtech.

2014 – 2022

Senior Research Fellow
Cytel Inc., Cambridge, MA, USA

Leading innovative clinical trials design activities including trials under the CID (FDA) program. Consulting in areas of Bayesian adaptive designs, Big-Data, Biomarker Discovery and Machine learning. Part of the executive team for developing consulting business strategies, research activities and mentoring fellow consultants

2009 – 2013

Senior Biostatistician
Nestle Research Center, Lausanne, Switzerland

Innovative designs of clinical trials in the area of medical foods and nutrition. Trained and mentored statisticians. FDA submissions for medical food. RWE generation in the field of Nutrition.

2007 – 2009

Head of Biostatistics and Assistant Professor
Indian Institute of Public Health, India

Design complex epidemiological trials, provide statistical consultancy to epidemiologists and health economists. Led faculty in curriculum development and teaching of biostatistics.

Work Experience (cont.)

2000 – 2004

Lead Statistician
New York Academy of Medicine

Design complex longitudinal trials, statistical consultancy in the area of clinical and social research with HIV patients, generating real world evidence from dynamic cohort data, managing small statistics and data management team.

1997 – 2000

Consulting Statistician
Dept. of Radiology, Univ. of Wisconsin-Madion

Provide statistical support for design, conduct and analysis of interventional and diagnostic studies.

Education

2004 – 2007	**PhD** STATISTICS (with Minor in Comp. Sci.) *University of Wisconsin-Madison* WI, USA
1994 – 1997	**Master of Science** APPLIED STATISTICS *Bowling Green State University* OH, USA and *The University of Michigan-Ann Arbor* MI, USA
1989 – 1993	**Bachelor of Science** STATISTICS (HONS.) *Presidency College* Calcutta (Now Kolkata), INDIA

Computer Skills

Programming & Software	R, Emacs-OrgMode, C++, Python, SAS, Pearl, BUGS, Stan, Julia, INLA
Platforms	Mac OSX, Linux, Windows

Other Skills

Event Management, Public Speaking, Cooking

References and Publications

Upon Request