Rishideep Roy, Asst. Prof. in Decision Sciences and Information Systems, IIMB

CONTACT INFORMATION
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DATE OF BIRTH
August 20, 1988

CITIZENSHIP
Indian

PERMANENT ADRESS
E8 Adarshapally, Khardaha
P.O-B.D.Sopan, West Bengal
India, 700116

EDUCATION

I. **PhD. student in Statistics, The University of Chicago**, Autumn 2011- Summer 2016.

   * **Research Area**: Probability Theory
   * **Dissertation Topic** : Extreme Values of Log-Correlated Gaussian Fields, under the guidance of Prof. Jian Ding.

II. **Master of Statistics (M. Stat.), Indian Statistical Institute**, July 2009- May 2011.

   * **Total Percentage Score**: 86.95% (*First Division with Distinction*)
   * **Specialization**: Mathematical Statistics and Probability
   * **Dissertation:** *Statistical Modeling in Directional Data*, under the guidance of Prof. Ashis Sengupta.

III. **Bachelor of Statistics (B. Stat.), Indian Statistical Institute**, July 2006-May 2009.

   * **Total Percentage Score**: 85.52% (*First Division with Distinction*)

IV. **Indian School Certificate Examination (Class XII)** from St.Xavier's School, Barddhaman, May 2006.

   * **Total Percentage Score**: 95.5%

V. **Indian Certificate of Secondary Examination (Class X)**, from St.Xavier's School, Barddhaman, May 2004.

   * **Total Percentage Score**: 91.2%

PREPRINTS & PUBLICATIONS

1. *Entropic Repulsion of Branching Random Walk on d-ary Trees.* In Preparation.

2. (with Jian Ding, Ofer Zeitouni) *Convergence of the centered maximum of log-correlated Gaussian fields*, under Revision in **Annals of Probability** http://arxiv.org/abs/1503.04588

3. (with Dilip Roy) *The Lack of Memory Property in the Density Form for the Bivariate Setup*, published in **Communications in Statistics, Theory and Methods. Volume 43 (14) 2859-2869, 2014.**

4. (with Dilip Roy) *Distribution of the Activity Time in Network Analysis: A Critical Revisit with a Gamma Alternative*, published in **Communications in Statistics-Simulation and Computation. Volume 42 (6) 1288-1297, 2013.**

5. (with Dilip Roy) *Stability of the characterization results in terms of hazard rate and mean residual life for the univariate and bivariate setups*, published in **Communications in Statistics, Theory and Methods. Volume 42 (9) 1583-1598, 2013.**

6. (with Dilip Roy) *The lack of memory property in the density form*, published in **Statistica. Volume 73 (2) 165-176, 2013.**

7. (with Ashis Sengupta) *Testing Homogeneity of Mean Directions for Circular Dispersion Models*, published in **Calcutta Statistical Association Bulletin. 2011**

8. (with Dilip Roy) *Reliability optimization based on value-price ratio* , published in **Springer Engineering Book Series Ed. N.Nedjah, A.Abraham & L.M.Mourelle.**

9. (with Dilip Roy) *A Bivariate Exponential Distribution Based on Linear Regression Approach*, published in **Journal of Applied Statistical Science. Volume 18(3) 327, 2010.**

10. (with Dilip Roy) *Reliability analysis: a curve of concentration approach*, published in **Journal of Applied Statistical Science. Volume 17(2) 235-245, 2010.**

11. (with Dilip Roy) *Characterizations of bivariate and multivariate life distributions based on reciprocal subtangent*, published in **Communications in Statistics, Theory and Methods. Volume 39 (1) 158-169, 2009.**

12. (with Dilip Roy) *Classification of life distributions based on relative reversed hazard rate and other relative measures*, published in **Journal of Statistical Theory and Applications. Volume 8(1) 17-36, 2009.**

PROGRAMMING SKILLS

Basic, C++, Java, R, Matlab.

ACADEMIC ACHIEVEMENTS

(a) Received McCormick Fellowship from The University of Chicago(2011-2013).

(b) Qualified for the National Eligibility Test for Mathematical Sciences in India in December 2010 for Graduate Research Fellowship and Lecturership.

(c) Received monetory prizes, as well as educational stipend from Indian Statistical Institute from 2006-2011 for excellent academic performances.

CONSULTING WORK

1. Modeling of counts and durations of persuasive spells.
Consulting for Prof. John Brehm, Dept of Political Science, The University of Chicago .

2. Racial Identification in Latin America.
Consulting for Dr. Tianna Paschel, Dept of Political Science, The University of Chicago.

3. Diachronic development of negation in Greek, from Classical Greek (5th c. BC) to Modern.

   Consulting for Katerina Chatzopoulou, Dept of Linguistics, The University of Chicago.

TEACHING
EXPERIENCE

Worked as Teaching assistant in undergraduate courses on Elementary Statistics, Statistical Theory and Method, Introduction to Probability Models, Introduction to Mathematical Probability etc. and as a Teaching assistant in Graduate Distribution Theory course.

Intructed a full course independently on Elementary Statistics.

ACADEMIC
VISITS

(a) Midwest Probability Colloquium 2015 at Northwestern University.

(b) Midwest Probability Colloquium 2014 at Northwestern University.

(c) PIMS Probability Summer School 2014 at University of British Columbia.

(d) Cornell Probability Summer School 2013 at Cornell University.

(e) Midwest Probability Colloquium 2013 at Northwestern University.

(f) Eighth International Triennial Calcutta Symposium on Probability and Statistics, 2012 at Calcutta University

(g) Seventh International Triennial Calcutta Symposium on Probability and Statistics, 2009 at Calcutta University

REFERENCES

Dr. Jian Ding
Department of Statistics,
University of Chicago
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Prof. Steve Lalley
Department of Statistics,
University of Chicago
lalley@galton.uchicago.edu

Prof. Ofer Zeitouni
Department of Mathematics,
Weizmann Institute of Science
ofer.zeitouni@weizmann.ac.il