

## Subhabrata Majumdar

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CONTACT INFORMATION	1112 8th Street SE Apt 7 Minneapolis, MN 55415	<i>Phone:</i> 612-806-9996 <i>e-mail:</i> <a href="mailto:majum010@umn.edu">majum010@umn.edu</a> <i>Web:</i> <a href="http://stat.umn.edu/~majum010">http://stat.umn.edu/~majum010</a>
RESEARCH INTERESTS	Multivariate quantiles and statistical depth functions, depth-based robust estimators; High-dimensional statistics: dimension reduction, application in Cancer Genomics; Predictive models in statistical chemistry and public health	
EDUCATION	<ul style="list-style-type: none"><li>• Ph.D., Statistics, University of Minnesota, Twin Cities, <i>Expected:</i> Spring 2017, Fall 2012 - Present.</li><li>• Master of Statistics, Indian Statistical Institute, Kolkata, July 2010 - May 2012.</li><li>• Bachelor of Statistics (Honors), Indian Statistical Institute, Kolkata, July 2007 - May 2010.</li></ul>	
ACADEMIC AND PROFESSIONAL EXPERIENCE	<ul style="list-style-type: none"><li>• <b>University of Minnesota, Twin Cities</b> Graduate Assistant, School of Statistics, Sep 2012 to present.</li><li>• <b>University of Chicago</b>, Chicago, IL Data Science for Social Good Fellow, June 2014 to Aug 2014.</li><li>• <b>National Marrow Donor Program</b>, Minneapolis, MN Statistician Intern, Bioinformatics division, June 2013 to Aug 2013.</li><li>• <b>Educational Initiatives</b>, Bangalore, India Summer Intern, June 2011 to July 2011.</li><li>• <b>Saha Institute of Nuclear Physics</b>, Kolkata, India Undergraduate Research Associate in biophysical sciences, Jan 2008 to June 2010.</li></ul>	
JOURNAL PUBLICATIONS	1. <b>Majumdar, S.</b> , Basak, S.C., and Grunwald, G.D. "Adapting Interrelated Two-Way Clustering Method for Quantitative Structure-Activity Relationship (QSAR) Modeling of Mutagenicity/ Non-Mutagenicity of a Diverse Set of Chemicals." <i>Current Computer-Aided Drug Design</i> , <b>2013</b> , 9, 463-471.	
AWARDS	<ul style="list-style-type: none"><li>• Univ. of Minnesota School of Statistics travel awards<ul style="list-style-type: none"><li>• ASA Joint Statistical Meeting, Boston, MA August 2014</li></ul></li><li>• Best Project award in state-level conference of the Association of Surgeons in India, 2011.</li><li>• KVPY National fellowship, Department of Science and Technology, Govt. of India, 2008 - 2012.</li><li>• National Scholar, National Council of Educational Research and Training, Govt. of India, 2005 - 2008.</li></ul>	

PRESENTATIONS	<ul style="list-style-type: none"> <li>• ASA Joint Statistical Meeting, Boston, MA August 2014</li> <li>• 20th ACM SIGKDD conference on Knowledge Discovery and Data Mining, New York City, NY August 2014</li> </ul>
TEACHING EXPERIENCE	<p>Teaching Assistant Fall 2012 – Present</p> <ul style="list-style-type: none"> <li>• STAT 8051 - Advanced Regression Techniques; Fall 2014.</li> <li>• STAT 3022 - Data Analysis; Spring 2014.</li> <li>• STAT 5021 - Statistical Analysis, STAT 5031 - Statistical Methods for Quality Improvement; Fall 2013.</li> <li>• STAT 5303 - Designing Experiments, STAT 5401 - Applied Multivariate Methods; Spring 2013.</li> <li>• STAT 3011 - Introduction to Statistical Analysis; Fall 2012.</li> </ul>
PROFESSIONAL ACTIVITIES	<ul style="list-style-type: none"> <li>• <b>Journal Referring Service:</b> Current Computer-Aided Drug Design, Australasian Medical Journal.</li> <li>• Statistical Consulting.</li> <li>• Member of the Institute of Mathematical Statistics (IMS).</li> </ul>
REFERENCES	<p>Snigdhansu Chatterjee Associate Professor School of Statistics University of Minnesota, Twin Cities Phone: 612-625-6505 E-mail: chatterjee@stat.umn.edu</p> <p>Eric Rozier Assistant Professor Department of Electrical Engineering and Computing Systems University of Cincinnati Phone: 217-714-2979 E-mail: eric.rozier@uc.edu</p>