

# ARITRA SENGUPTA

The Ohio State University  
Department of Statistics  
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Sex: Male  
Date of Birth: February 27, 1984  
Place of Birth: India  
Citizenship: India  
Visa Status: US F1(Student)

## EDUCATION

- Ph.D. student, Statistics, The Ohio State University.  
Current GPA (4 point scale): 3.965
  - *Advisor* : Dr. Noel Cressie.
  - *Area of Research* :
- M.Sc. Statistics, Indian Institute of Technology, Kanpur, 2007.  
Cumulative Point Index (10 point scale): 9.4
- B.Sc. Statistics, Calcutta University (India), 2005.  
Percentage score in Honors Exam: 74%
  - *Minors*: Maths and Physics.

## RESEARCH INTERESTS

- Spatial Statistics and Space-Time models.
- Analysis of Network Data
- Bayesian methods and its applications
- Time Series models

## TEACHING EXPERIENCE

### The Ohio State University

#### Recitation Instructor :

- Stat 145 : Introduction to the Practice of Statistics. [*Winter 2008 - Fall 2008, Spring 2009, Fall 2009.*]
- Stat 135 : Elementary Statistics. [*Winter 2009.*]

#### Course Grader :

- Stat 528 : Data Analysis-I. [*Fall 2007.*]
- Stat 602 : Early Start in Statistics. [*Summer 2008*]
- Stat 694 : Introduction to Spatial Statistics. [*Spring 2009*]

## COMPUTER SKILLS

- Languages : C, C++
- Statistical Software used : R, SAS, MINITAB, JMP
- Comfortable with LATEX
- Operating Systems : Windows, Linux

## PROJECTS AND INTERNSHIPS

- Project with the Division of Mathematical and Information Sciences (CMIS), Marine Labs in Hobart, CSIRO, Australia. [*July 13 - September 18, 2009*]
  - *Title* : Location error in Kalman Filter updates for Ocean Data Assimilation schemes; using data from animal tags.
  - *Project Supervisors* : Dr. Mark Bravington, CMIS, CSIRO; Dr. Scott Foster, CMIS, CSIRO.
- MSc Project, IIT Kanpur, India. [*January - April, 2007*]
  - *Title* : M-Estimation of the parameters of a Linear Compartment model using Genetic Algorithm.
  - *Project Supervisor* : Dr. Amit Mitra, Professor, IIT Kanpur, India.

## TALKS AND PRESENTATIONS

- "Location error in Kalman Filter updates for Oceanographic models, using data from animal tags";
  - Division of Mathematical and Informative Sciences, CSIRO, Hobart. *September, 2009*
  - SSES Brown Bag Seminar, The Ohio State University. *October, 2009*

## SERVICES

- Member, Graduate Recruitment Committee, Department of Statistics, OSU. *January, 2008*

## HONORS AND AWARDS

- Second position holder among all the students of the Statistics Department of IIT Kanpur (MSc, 2007)
- Received the Ahibhusan Chatterjee Memorial Prize for the second best performance among the Statistics students of the Undergrad college (the Presidency College, Calcutta University) in the statistics honours exam (BSc, 2005)