

# Jianping Sun

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RESEARCH INTERESTS Likelihood method, Composite Likelihood and Its Application, Statistical Genetics.

EDUCATION **The Pennsylvania State University**, University Park, PA, USA

Ph.D. Candidate, Statistics (expected graduation date: Aug. 2010)

- Advisor: Professor Bruce G. Lindsay
- Area of Research: Composite Likelihood, Statistical Genetics.

**Nankai University**, Tianjin, China

M.S., Statistics, July 2005

- Thesis Topic: Data Analysis in Supersaturated Designs.
- Advisor: Professor Runchu Zhang

B.S., Probability and Statistics, July 2002

TEACHING EXPERIENCE **The Pennsylvania State University**, University Park, PA, USA

## Instructor

- STAT 414: Introduction to Probability Theory *Fall 2009*  
(Required undergraduate level course for math/stat majors.)
- STAT 200: Elementary Statistics *Summer 2009*  
(Elective undergraduate level course for most majors.)
- STAT 401: Experimental Methods *Summer 2008*  
(Elective undergraduate level course for engineering majors.)

## Teaching Assistant

- STAT 414 (Probability), STAT 416 (Stochastic Model) *Spring 2007*
- STAT 414 (Probability), STAT 416 (Stochastic Model) *Fall 2006*
- STAT 416 (Stochastic Model), STAT 418 (Probability) *Spring 2006*
- STAT 200 (Elementary Stat.), STAT 416 (Stochastic Model) *Fall 2005*

**Nankai University**, Tianjin, China

## Teaching Assistant

- Advanced Mathematics *Feb. 2004 - Jun. 2004*
- Multivariate Analysis *Feb. 2003 - Jun. 2003*

RESEARCHING EXPERIENCE	<p><b>The Pennsylvania State University</b>, University Park, PA, USA</p> <p><b>Research Assistant</b></p> <ul style="list-style-type: none"> <li>Working for Professor Bruce Lindsay on the topic of composite likelihood construction method and its application to long sequence data. <i>Jul. 2007- Now</i></li> </ul> <p><b>Student Consultant</b></p> <ul style="list-style-type: none"> <li>Working at Statistical Consulting Center in the Department of Statistics as a student consultant. Providing statistical advice, statistical analyses, and statistical software training for the university community. <i>Spring and Fall 2007</i></li> </ul>
WORKING EXPERIENCE	<p><b>Bureau of Statistics</b>, Tianjin, China</p> <p><b>Internship</b></p> <ul style="list-style-type: none"> <li>Working as an assistant for collecting, modeling, and analyzing economic data. <i>Mar.2002 - Jun.2002</i></li> </ul>
PUBLICATION AND MANUSCRIPTS	<p>B. Lindsay, G. Yi, and <b>J. Sun</b>. Issues and Strategies in the Selection of Composite Likelihoods. <i>Submitted.</i></p>
CONFERENCES AND POSTERS	<p>2009 Joint Statistical Meeting, Washington D.C. <i>Aug. 2009</i></p> <ul style="list-style-type: none"> <li>Composite likelihood in Hayplotype sequence data. (Contributed talk.)</li> </ul> <p>The 2009 Rao Prize Conference, State College, Pennsylvania <i>May 2009</i></p> <ul style="list-style-type: none"> <li>Composite likelihood: Issues in Efficiency. (Poster presentation.)</li> </ul> <p>ENAR 2009, San Antonio, Texas <i>Mar. 2009</i></p> <ul style="list-style-type: none"> <li>Composite likelihood: Issues in Efficiency. (Contributed talk.)</li> </ul>
HONORS AND AWARDS	<p>Travel Grant, Department of Statistics, Penna State University <i>2008-2009</i></p>
MEMBERSHIPS	<p>American Statistical Association, Institute of Mathematical Statistics</p>
COMPUTER SKILLS	<p>R, SAS, SPSS, MINITAB</p>

## REFERENCES

### **Bruce G. Lindsay**

Willaman Professor of Statistics and Department Head  
Department of Statistics  
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### **Debashis Ghosh**

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### **Rongling Wu**

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