

## Shiwen Shen

---

CONTACT INFORMATION	Department of Statistics, University of South Carolina 209F LeConte College, 1523 Greene St. Columbia, SC, 29208 Homepage: <a href="http://people.stat.sc.edu/sshen">http://people.stat.sc.edu/sshen</a>	sshen@email.sc.edu (217)979-8572
RESEARCH INTERESTS	Network Analysis, Community Detection, Spectral Clustering, Statistical Learning	
EDUCATION	<b>Ph.D., Statistics</b> , University of South Carolina • Advisor: Edsel Peña <b>M.S., Statistics</b> , University of Illinois at Urbana-Champaign <b>B.S., Statistics</b> , Shanghai University of Finance and Economics	<i>Expected</i> August 2018 May 2013 May 2011
RESEARCH EXPERIENCE	Consultant/Research Assistant Supervisor: Edsel Peña Center for Colon Cancer Research, University of South Carolina Research Assistant Supervisor: Edsel Peña Department of Statistics, University of South Carolina	Fall 2017 - Spring 2018 Summer 2015
TEACHING EXPERIENCE	Instructor (18 students) STAT 205 - Elementary Statistics for the Bio. and Life Sciences (Honors College) Instructor (17 students) STAT 509 - Statistics for Engineers Instructor (70 students) STAT 205 - Elementary Statistics for the Biological and Life Sciences Instructor (48 students) STAT 509 - Statistics for Engineers Instructor (14 sections with 336 students) STAT 201 - Elementary Statistics Teaching Assistant STAT 509 - Statistics for Engineers Instructor: Joshua Tebbs Teaching Assistant STAT 770 - Categorical Data Analysis Instructor: Timothy Hanson	Fall 2017 Summer 2017 Spring 2017 Fall 2016 Fall 2014 - Spring 2016 Spring 2014 Fall 2013
MANUSCRIPTS IN PREPARATION	1. Shen, S. "Dynamic Network Community Discovery" 2. Shen, S., Peña, E. "Lasso-type Network Community Detection within Latent Space"	
STATISTICAL CONSULTING EXPERIENCES	1. Prediction of Colonic Polyps based on Urinary Metabolomics 2. Modeling Spike Frequency under Neural System	
COMPUTER SKILLS	• R, SAS, Python, SQL, LaTeX, Microsoft Office	

COURSE WORK	Theoretical Courses	
	Mathematical Statistics, Probability and Measure, Stochastic Process, Large Sample Theory, Multivariate Analysis, Nonparametric Inference, Advanced Statistical Inference	
	Applied Courses	
	Applied Regression and Design, Linear Statistical Models, Nonlinear Statistical Models, Statistical Computing, Survival Analysis, Modern Event Time Analysis, Statistical/Machine Learning, Categorical Data Analysis, Experimental Design, Numerical Analysis	
HONORS AND AWARDS	Travel Awards	
	• JSM: Department of Statistics, University of South Carolina	Aug 2017
	• JSM: Department of Statistics, University of South Carolina	Aug 2016
	• ICASA: Department of Statistics, University of South Carolina	Jun 2016
	• SRCOS: Boyd Harshbarger Student Travel Award	Jun 2016
	• ENAR: Department of Statistics, University of South Carolina	Mar 2016
	• ENAR: Graduate School, University of South Carolina	Dec 2015
	Student Awards - American Statistical Association South Carolina Chapter	
	• Outstanding Presentation Award	Mar 2016
	Student Awards - Department of Statistics, University of South Carolina	
	• Outstanding Graduate Assistant Award	Apr 2015
PROFESSIONAL ORGANIZATIONS	• American Statistical Association (ASA)	
	• International Chinese Statistical Association (ICSA)	
	• International Biometric Society (ENAR)	
CONFERENCE PRESENTATIONS	• Oral: International Biometric Society (ENAR) Meeting, Atlanta, GA	Mar 2018
	• Oral/Poster: Joint Statistical Meetings, Baltimore, MD	Aug 2017
	• Oral: Joint Statistical Meetings, Chicago, IL	Aug 2016
	• Oral: ICASA Applied Statistics Symposium, Atlanta, GA	Jun 2016
	• Poster: SRCOS Summer Research Conference, Bentonville, AR	Jun 2016
	• Oral: SC-ASA Palmetto Symposium, Columbia, SC	Mar 2016
	• Oral: International Biometric Society (ENAR) Meeting, Austin, TX	Mar 2016

---

Last Update: March 22, 2018