

Jiehuan Sun

CONTACT INFORMATION

60 College Street
Department of Biostatistics
Yale University
New Haven, CT 06511 USA

Voice: (203) 928-7706
E-mail: jiehuan.sun@yale.edu

EDUCATION

Yale University, New Haven, CT USA

PhD., Biostatistics, Expected Graduation: May 2018

Johns Hopkins School of Public Health (JHSPH), Baltimore, Maryland USA

ScM., Biostatistics, May 2012

Huazhong University of Science and Technology (HUST), Wuhan, Hubei China

B.E., Bioinformatics, June 2010

HONORS AND AWARDS

- Kocherlakota Award from department (JHSPH), 2011.

PUBLICATIONS

Lu, Qiongshi, Yiming Hu, **Jiehuan Sun**, Yuwei Cheng, Kei-Hoi Cheung, Hongyu Zhao. "A Statistical Framework to Predict Functional Non-Coding Regions in the Human Genome Through Integrated Analysis of Diverse Types of Annotation Data." *Scientific reports* 5 (2015).

Sun, Jiehuan and Hongyu Zhao. "The application of sparse estimation of covariance matrix to quadratic discriminant analysis." *BMC bioinformatics* 16.1 (2015): 48.

Sun, Jiehuan, Xintao Hu, Xiu Huang, Yang Liu, Kaiming Li, Xiang Li, Junwei Han, Lei Guo, Tianming Liu, and Jing Zhang. "Inferring consistent functional interaction patterns from natural stimulus fMRI data." *NeuroImage* 61, no. 4 (2012): 987-999.

Yu, Jian, Xiaobin Xing, Lingyao Zeng, **Jiehuan Sun**, Wei Li, Han Sun, Ying He et al. "SyStem-Cell: a database populated with multiple levels of experimental data from stem cell differentiation research." *PloS one* 7, no. 7 (2012): e35230.

MEMBERSHIP

- American Association of Statistics

CONFERENCE EXPERIENCE

- The 9th China-Japan-Korea Bioinformatics Training Course and Bioinformatics Symposium **April 20th-23rd, 2010.**
- Statistical Methods for Very Large Datasets Conference **June 1st-3rd, 2011.**
- 2014 Rutgers Statistics Symposium Statistics and the Century of Data **May 2, 2014.**
- Statistical and Computational Challenges in Omics Data Integration workshop - SAMSI **Feb. 16-17, 2015.**
- The 29th New England Statistics Symposium **April 24-25, 2015**
- Bioinformatics Transition Workshop - SAMSI **May 11-13, 2015**

PROFESSIONAL TALKS

- "Discovery of Novel Loci Associated with COPD by Pooling Information from Case-control status, Related Clinical Feature, and Functional Annotation", *Statistical and Computational Challenges in Omics Data Integration workshop - SAMSI* **Feb. 16-17, 2015.**

- “Discovery of Novel Loci Associated with COPD by Pooling Information from Related Clinical Feature and Functional Annotation”, *Bioinformatics Transition Workshop - SAMSI* **May 11-13, 2015.**
- “The application of sparse estimation of covariance matrix to quadratic discriminant analysis”, *The 29th New England Statistics Symposium* **April 24-25, 2015.**

TEACHING
EXPERIENCE

Johns Hopkins School of Public Health (JHSPH), Baltimore, Maryland USA

Teaching Assistant **Sept. 2011 - May 2012**
Course: Methods in Biostatistics, 650 series.

Tutor **Nov. 2011 - Jan. 2012**
Course: Essentials Of Probability And Statistical Inference II: Statistical Inference.

Yale University, New Haven, CT USA

Teaching Assistant **Sept. 2013 - Dec. 2013**
Course: Categorical Data Analysis.

Teaching Assistant **Sept. 2014 - Dec. 2014**
Course: Categorical Data Analysis.

Teaching Assistant **Jan. 2015 - May. 2015**
Course: Theory of Survival Analysis.

Teaching Assistant **Jan. 2015 - May. 2015**
Course: Longitudinal and Multilevel Data Analysis.