NAME: Weining Shen

PHOTO

[PRESENT POSITIONS] Assistant Professor, Department of Statistics, UC Irvine

[FORMER POSITIONS] Postdoctoral Fellow, the University of Texas MD Anderson Cancer Center.

[DEGREES] PhD in Statistics, North Carolina State University, 2013

[FIELDS OF MAJOR STATISTICAL ACTIVITIES]

Bayesian statistics, nonparametrics, biostatistics, machine learning

[SELECTED PUBLICATIONS]

Gu, M. and Shen, W. (2020) Generalized probabilistic principal component analysis of correlated data. Journal of Machine Learning Research, 21(13): 1-41.

Shen, W., Ning, J., Yuan, Y., Lok, A. S. and Feng, Z. (2018) Model-free scoring system for risk prediction with application to hepatocellular carcinoma study. Biometrics, 74: 239-248.

Shen, W. and Ghosal, S. (2016) Adaptive Bayesian density regression for high-dimensional data. Bernoulli, 22(1): 396-420.

Shen, W., Ning, J. and Yuan, Y. (2015) A direct method to evaluate the time-dependent predictive accuracy for biomarkers. Biometrics, 71: 439-449.

Shen, W., Tokdar, S. T. and Ghosal, S. (2013) Adaptive Bayesian multivariate density estimation with Dirichlet mixtures. Biometrika, 100(3): 623-640.

[ICSA ACTIVITIES]

Invited session organizer for the 11th ICSA international conference, Hangzhou, China, 2019

Invited session organizer for ICSA Applied Statistics Symposium, Raleigh, NC, 2019

[PROFESSIONAL COMMITTEES]

Chair of the Local Organizing Committee: Annual meeting of the ASA Statistics in Imaging section, 2019

SBSS Student Paper Competition Committee: American Statistical Association, 2017

[HONORS AND AWARDS]

2019: SAMSI Research Fellow on Deep Learning program

2017-2022: Simons Foundation Collaboration Award for Mathematicians

2014: Leonard J. Savage Dissertation Award (Theory and Methods) for the best doctoral dissertations in Bayesian econometrics and statistics, by ISBA and ASA-SBSS

[STATEMENT]

I will be extremely honored to have the opportunity to serve for ICSA, and witness the continuing growth of ICSA during the exciting data science era. I will actively organize and participate the ICSA activities at different levels, and promote the involvement of students, junior researchers and under-represented groups in ICSA.