

Curriculum Vitae

NAME	Lei Jin
CONTACT INFORMATION	Department of Mathematics and Statistics Texas A&M University -Corpus Christi Corpus Christi, TX 78412
EDUCATION	Ph.D., Statistics, Texas A&M University, College Station, TX 08/2007 M.S., Applied Mathematics, Zhejiang University, Hangzhou, P.R. China 06/2001 B.S., Applied Mathematics, Huazhong University of Science and Technology, Wuhan, P.R. China 06/1998
EXPERIENCE	Assistant Professor of Statistics, 08/2013 - Present Department of Mathematics & Statistics, Texas A&M University-Corpus Christi Assistant Professor of Statistics, 01/2008 - 07/2013 Dept. of Mathematics, Computer Science and Statistics, McNeese State Univ. Statistician, inVentiv Health 10/2007 - 01/2008 Research and Teaching Assistant, 09/2002 - 05/2007 Dept. of Statistics, Texas A&M Univ.
SELECTED PUBLICATIONS	Jin, L., Banerjee, K., Hamilton, S. and Davidson, G. (2017). Improving variance estimation in Monte Carlo eigenvalue simulations. <i>Annals of nuclear energy</i> . 110: 692-708. Jin, L., Banerjee, K., Hamilton, S. and Davidson, G. (2017). Variance estimation in monte carlo eigenvalue simulations using spectral analysis method. <i>Trans. Am. Nucl. Soc.</i> 116: 533-535. Jin, L., and Wang, S. (2016). A new test for checking the equality of the correlation structures of two time series. <i>Journal of Time Series Analysis</i> , 37: 355- 368. Jin, L., Wang, S. and Wang, H. (2015). A new non-parametric stationarity test of time series in the time domain. <i>Journal of the Royal Statistical Society: Series B (Statistical Methodology)</i> , 77: 893- 922. Jin, L. (2015). Comparing autocorrelation structures of multiple time series via the maximum distance between two groups of time series. <i>Journal of Statistical Computation and Simulation</i> , 85: 3535 - 3548. Jin, L. (2011). A data-driven test to compare two or multiple time series. <i>Computational Statistics & Data Analysis</i> , 55: 2183-2196. Jin, L. and Wang, S. (2010). A model validation procedure when covariate data are missing at random. <i>Scandinavian Journal of Statistics</i> , 37, 403-421.
GRANTS	Texas Research Development Fund Grant, PI, 2015 - 2016 Statistical Analysis of Physiological Data from the Respiratory System in Cetaceans Louisiana BoR, NSF-PFUND-150, PI 2009 - 2010 Statistical models for mechanical malfunction detection and diagnosis based on vibration

data.
Louisiana BoR, LA-DL-SELECT-55-08/09, CO-PI 2009 - 2010
Developing engineering and mathematics web-based courses.

SUMMER RESEARCH PROGRAM HBCU/MEI Faculty Summer Research Program, sponsored by Oak Ridge National Laboratory 2016

SELECTED CONFERENCE PRESENTATIONS
Jin, L, Variance Estimation for the Sample Mean of Dependent Data Stream, 2017 Joint Statistical Meetings, Baltimore, MD.
Lai, C, Jin, L. and Fahlman, Respiratory Disease Diagnosis for Dolphin Using the Breathing Data, 2017 Joint Statistical Meetings, Baltimore, MD.
Jin, L, Banerjee, K, Hamilton, S and Davidson, G. Variance Estimation in Monte Carlo Eigenvalue Simulations Using Spectral Analysis Method, 2017, ANS Meeting, San Francisco, CA
Jin, L, Wang S. A Nonparametric Bootstrap Test for Checking the Equality of the Correlation Structures of Two Correlated Time Series, 2016 Joint Statistical Meetings, Chicago, IL
Jin, L, Testing the Equality of Multiple Spectral Densities of Time Series in the Frequency Domain, 2015 Joint Statistical Meetings, Seattle, WA
Huang, Y. , Meyer, P., Jin, L., The Association Between Preventable Hospitalizations and Spatial Accessibility to Health Care for Elderly in the Coastal Bend of Texas, American Association of Geography Annual Meeting, AAG, Chicago. April 24, 2015.
Jin, L, A Robust Time Series Classification Method for Vibration-Based Damage Detection, 2014 Joint Statistical Meetings, Boston, MA

REVIEWER FOR JOURNALS & OTHERS
Mathematical Reviews
Probability and Statistics Letters
The Journal of Agricultural, Biological, and Environmental Statistics
Journal of Nonparametric Statistics
Statistics and Computing
Soil Dynamics and Earthquake Engineering
Dynamics of Atmospheres and Oceans
Philippine Journal of Science
Journal of Business & Economic Statistics
Journal of Statistical Computation and Simulation

STUDENTS AT TAMUCC
Master students:
Chinh Lai , Bo, Nhieu, Le, Dung

PROFESSIONAL MEMBERSHIP
American Statistical Association