

XIN DANG

CONTACT INFORMATION	Hume Hall 315 Department of Mathematics University of Mississippi University, MS, 38655	Phone: (662) 915-7409 Fax: (662) 915-5491 E-mail: xdang@olemiss.edu Web: http://olemiss.edu/~xdang
RESEARCH INTERESTS	Statistics, especially Nonparametric and Robust Multivariate Analysis Applications of Depth Functions Data Mining, Outlier Identification, Classification and Clustering Correlated Data Analysis Bioinformatics Econometrics	
EDUCATION	Ph.D. in Statistics, University of Texas at Dallas • Advisor: <i>Professor Robert Serfling</i> • Dissertation: <i>Nonparametric multivariate outlier detection methods, with applications</i> M.S. in Statistics, University of Texas at Dallas B.S. in Applied Mathematics, Chongqing University	August 2005 May 2003 July 1991
PROFESSIONAL EXPERIENCE	Professor University of Mississippi, Department of Mathematics, University, MS, USA Associate Professor University of Mississippi, Department of Mathematics, University, MS, USA Assistant Professor University of Mississippi, Department of Mathematics, University, MS, USA Research Assistant University of Texas at Dallas, Department of Mathematical Sciences, Richardson, TX, USA Statistical Consultant Research/consulting projects with UT Southwestern Medical School, Dallas, TX, USA Research projects with GlaxoSmithKline, USA Teaching Assistant University of Texas at Dallas, Department of Mathematical Sciences, Richardson, TX, USA Engineer Chongqing Electric Appliance Company, Chongqing, China	July 2018 – Present July 2011 – June 2018 August 2005 – June 2011 June 2004 – July 2005 July 2004 – June 2005 August 2001 – May 2004 August 1991 – June 1998
GRANTS	Participant, “The role of syntax in reading comprehension in Down syndrome,” National Institute of Health (NIH), \$460,684, 2020-2023. PI, “Symmetric Gini Correlation”, Lucky Research Fellow, University of Mississippi, \$7,500, 2015.	

PI, “Robust Spatial-EM Algorithm”, University of Mississippi, College of Liberal Arts, Summer Research Grant, \$7,500, 2011.

“Kernelized Spatial Depth for Outlier Detection and Graph Ranking”, Conference on Nonparametric Statistics and Statistical Learning, Travel Grant, \$1,200, 2010.

PI, “Spatial Rank Function and Rank Covariance”, University of Mississippi, College of Liberal Arts, Summer Research Grant, \$7,500, 2010.

Co-PI, “Theil-Sen Estimators in Semiparametric Mixed Models”, National Science Foundation, DMS-0707074, \$99,660, 2007-2009.

PI, REU Supplemental Fund, National Science Foundation, DMS-0809018, \$11,500, 2008-2009.

PI, “Robust Clustering Based on Spatial Depth”, University of Mississippi, College of Liberal Arts, Summer Research Grant, \$7,500, 2007.

PI, “Nonparametric Depth-based Multivariate Outlier Identifier”, University of Mississippi, Office of Research and Sponsored Program, Faculty Research Fellow, \$7,870, 2006-2007.

PUBLICATIONS

1. Vanderford, C. and Dang, X. (2022). Correlations in Bivariate Pareto Distributions. *Journal of Statistical Computation and Simulation*, 92 (12), 2501-2524.
2. Sang, Y., Dang, X. and Zhao, Y. (2021). A Jackknife Empirical Likelihood Approach for K-sample Tests. *Canadian Journal of Statistics*, 49 (4), 1115-1135.
3. Dang, X., Nguyen, D., Chen, Y. and Zhang, J. (2021). A New Gini Correlation between Quantitative and Qualitative Variables. *Scandinavian Journal of Statistics*, 48 (4), 1314-1343. <https://doi.org/10.1111/sjos.12490>
4. Zhang, S., Dang, X., Nguyen, D., Wilkins, D. and Chen, Y. (2021). Estimating Feature - Label Dependence using Gini Distance Statistics. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 43 (6), 1947-1963.
5. Vanderford, C., Sang, Y. and Dang, X. (2020). Two Symmetric and Computationally Efficient Gini Correlations. *Dependence Modeling*, 8, 373-395.
6. Mayer, W., Madden, G. and Dang, X. (2020). Predictive Accuracy Tests for Prediction of Economic Growth based on Broadband Infrastructure. Book Chapter in *Applied Economics in the Digital Era: Essays in Honor of Gary Madden*, edited by Alleman, Rappoport and Hamoudia. Palgrave Macmillan.
7. Sang, Y., Dang, X. and Zhao, Y. (2020). Weighted Jackknife Empirical Likelihood for Non-smooth U-structure Equations. *Test*, 29, 573-598. <https://rdcu.be/bIxnS>
8. Sang, Y. and Dang, X. (2020). Empirical Likelihood Test for Diagonal Symmetry. *Statistics & Probability Letters*, 156.
9. Dang, X., Sang, H. and Weatherall, L. (2019). Gini Covariance Matrix and its Affine Equivariance Version. *Statistical Papers*, 60 (3), 291-316. <https://doi.org/10.1007/s00362-016-0842-z>
10. Curry, J., Dang, X. and Sang, H. (2019). A Rank-based Cramér-von-Mises-type Test for Two Samples. *Brazilian Journal of Probability and Statistics*, 33 (3), 425-454. <https://doi.org/10.1214/18-BJPS396>
11. Beknazaryan, A., Dang, X. and Sang, H. (2019). On Mutual Information Estimation for Mixed-Pair Random Variables. *Statistics & Probability Letters*, 148, 9-16.
12. Sang, Y., Dang, X. and Zhao, Y. (2019). Jackknife Empirical Likelihood Methods for Gini Correlations. *Journal of Statistical Planning and Inference*, 199, 45-59.
13. Ghoshal, T., Zhang, S., Dang, X., Wilkins, D. and Chen, T. (2019). Improving Performance of Convolutional Neural Networks via Feature Embedding. *Proc. of ACM Southeast Conference*, 31-38, Kennesaw, GA, USA.
14. Ma, C. Gui, X., Dang, X., Chen, Y. and Wilkins, D. (2018). Integration of Cancer Data through Multiple Mixed Graphical Model. *The 9th ACM Conference on Bioinformatics, Computational Biology, and Health Informatics (ACM BCB)*, 341-350, August 2018, Washington DC. <https://doi.org/10.1145/3233547.3233557>

15. Ma, C., Dang, X., Chen, Y. and Wilkins, D. (2018). Pareto Cascade Modeling of Diffusion Networks. *Proceedings of International Joint Conference on Neural Networks*, 292-298, July 8-13, Rio de Janeiro, Brazil.
16. Xiao, Z., Luo, Z., Zhong, B. and Dang, X. (2018). Robust and Efficient Boosting Method Using the Conditional Risk. *IEEE Transactions on Neural Networks and Learning Systems*, 29 (7), 3069-3083.
17. Luo, Z., Dang, X. and Chen, Y. (2017). Label Confidence based AdaBoost Algorithm. In *Proceedings of International Joint Conference on Neural Networks*, 3617-3624, May 14-19, Anchorage.
18. Mayer, W., Liu, F. and Dang, X. (2017). Improving the Power of the Diebold-Mariano-West Test for Least Squares Predictions. *International Journal of Forecasting*, 33, 618-626.
19. Sang, Y., Dang, X. and Sang, H. (2016). Symmetric Gini Covariance and Correlation. *Canadian Journal of Statistics*, 44 (3), 323-342.
20. Ma, C., Dang, X., Wilkins, D. and Chen, Y. (2015). A Generative Bayesian Model To Identify Cancer Driver Genes. *IEEE BIBM*, 351-356.
21. Yu, K., Dang, X. and Chen, Y. (2015). Robustness of the Affine Equivariant Scatter Estimator Based on the Spatial Rank Covariance Matrix. *Communications in Statistics –Theory and Methods*, 44, 914-932.
22. Yu, K., Dang, X. and Chen, Y. (2015). Robust Model-based Learning via Spatial-EM Algorithm. *IEEE Transactions on Knowledge and Data Engineering*, 27(6), 1670-1682.
23. Liu, S., Dissanayake, S., Patel, S., Dang, X., Mlsna, T., Chen, Y. and Wilkins, D. (2014). Learning Accurate and Interpretable Models Based on Regularized Random Forests Regression. *BMC Systems Biology*, 8 (Suppl 3): S5.
24. Xu, W., Xiao, Z., Dang, X., Yang, D. and Yang, X. (2014). Financial Ratio Selection for Business Failure Prediction using Soft Set Theory. *Knowledge Based Systems*, 63, 59-67.
25. Yu, K., Dang, X., Bart Jr., H. and Chen, Y. (2013). Robust Finite Mixture Learning and its Application to Taxonomic Research. *Research Notes in Information Science*, 14, 67-77.
26. Church, J., Schmidt, R., Bart Jr., H., Dang, X. and Chen, Y. (2013). Straightening 3-D Surface Scans of Curved Natural History Specimens for Taxonomic Research. In *Computer and Information Science* (R. Lee, ed.), 215-229. Springer.
27. Li, D., Xiao, Z., Korkzadeh, R. and Dang, X. (2013). The Influence of Crime on Economic Growth: Evidence from a Modified Support Vector Regression Model using Direct Search. *International Journal of Applied Mathematics and Statistics*, 42(12), 45-58.
28. Teng, F., Chen, Y. and Dang, X. (2012). Multiclass Classification with Potential Function Rules: Margin Distribution and Generalization. *Pattern Recognition*, 45 (1), 540-551.
29. Xiao, Z., Yang, X., Pang, Y. and Dang, X. (2012). Prediction for Listed Companies' Financial Distress by Using Multiple Prediction Methods with Rough Set and Dempster-Shafer Evidence Theory. *Knowledge-Based Systems*, 26, 196-206.
30. Cai, S., Yu, K., Dang, X. and Cheng, Y. (2012). Simulation Based Orbit Uncertainty Propagation. *Jer-Nan Juang Astrodynamic Symposium*, College Station, Texas, June 24-26, 2012.
31. Xia, S., Xiao, Z. and Dang, X. (2012). Data Analysis Approaches of Incomplete Fuzzy Soft Sets. *International Journal of Applied Mathematics and Statistics*, 47 (17), 156-168.
32. Nan, X., Fu, G., Zhao, Z., Liu, S., Patel, R., Liu, H., Daga, P., Doerksen, R., Dang, X., Chen Y., and Wilkins, D. (2011). Leveraging Domain Information to Restructure Biological Prediction. *BMC Bioinformatics*, 12, Suppl 8.
33. Dang, X. and Serfling, R. (2011). A Numerical Study of Multiple Imputation Methods Using Nonparametric Multivariate Outlier Identifiers and Depth-Based Performance Criteria with Clinical Laboratory Data. *Journal of Statistical Computation and Simulation*, 81, 547-560.
34. Zhou, W. and Dang, X. (2010). Projection Based Scatter Depth Functions and Associated Scatter Estimators. *Journal of Multivariate Analysis*, 101 (1), 138-153.
35. Dang, X. and Serfling, R. (2010). Nonparametric Depth-based Multivariate Outlier Identifiers, and Masking Robustness Properties. *Journal of Statistical Planning and Inference*, 140, 198-213.
36. Peng, H., Dang, X. and Wang, X. (2010). The Distribution of Partially Exchangeable Random Variables. *Statistics and Probability Letters*, 80, 932-938.

37. Nan, X., Chen, Y., Dang, X. and Wilkins, D. (2010). Learning to Rank Using 1-norm Regularization and Convex Hull Reduction. *Proceedings of the ACM Southeast Conference (ACMSE)*, April, 2010.
38. Dang, X., Keeton, S. and Peng, H. (2009). A Unified Approach for Analyzing Exchangeable Binary Data with Applications to Developmental Toxicity Studies. *Statistics in Medicine*, 28, 2580-2604.
39. Dang, X., Serfling, R. and Zhou, W. (2009). Influence Functions of Some Depth Functions, with Application to L-Statistics. *Journal of Nonparametric Statistics*, 21 (01), 49-66.
40. Chen, Y., Dang, X., Peng, H. and Bart, H. (2009). Outlier Detection with the Kernelized Spatial Depth Function. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 31 (2), 288-305.
41. Gao, C., Dang, X., Chen, Y. and Wilkins, D. (2009). Graph Ranking for Exploratory Gene Data Analysis. *BMC Bioinformatics*, 10 (Suppl 11): S19.
42. Chen, Y., Bart, H., Dang, X. and Peng, H. (2007). Depth-Based Novelty Detection and its Application to Taxonomic Research. *The Seventh IEEE International Conference on Data Mining (ICDM)*, 113-122.
43. Ding, Y., Dang, X., Peng, H. and Wilkins, D. (2007). Robust Clustering in High Dimensional Data Using Statistical Depths. *BMC Bioinformatics*, 8 (Suppl 7):S8.

SUBMITTED PAPERS

1. Sang, Y. and Dang, X. (2022). Asymptotic Normality of Gini Correlation in High Dimension with Applications to the K-sample Problem, submitted to *Electronic Journal of Statistics*.
2. Zhang, S., Dang, X., Wilkins, D. and Chen, Y. (2020). Improving Random Forests by Local Feature Sampling, submitted to *Pattern Recognition*.
3. Doah, D.A., Nguyen, D. and Dang, X. (2018). Simulation-based Inference Methods for Partially Observed Markov Model via the R package is2, submitted to *Journal of Statistical Software*.

PAPERS IN PREPARATION

1. Zhang, J. and Dang, X. (2017). Gini Correlation for Feature Screening.
2. Dang, X. and Sang, Y. (2022). Feature Screening in Ultra-high Dimensional Classification.

SELECTED TALKS

Seminar talk, "Gini Distance Correlation and Feature Selection", Department of Mathematics and Statistics, Mississippi State University, September 17, 2019.

New Gini dependence correlation and classification feature selection. *The 9th International Workshop on Perspectives of High-dimensional Data Analysis*, University of Uppsala, Sweden, June 24 - 27, 2019.

AWM Chapter Colloquia talk, "Gini Distance Correlation and Feature Selection", Department of Mathematics, University of Louisiana at Lafayette, March 21, 2019.

Pareto cascade modeling for diffusion network. *2018 International Joint Conference on Neural Networks*, Rio de Janeiro, Brazil, July 8 - 13, 2018.

Gini covariance matrix and its affine equivariance version. *2018 International Conference on Mathematics and Statistics*, University of Memphis, May 7 - 10, 2018.

Estimation of Pi by Statistical Methods, *Pi-Mu-Epsilon Meeting*, Department of Mathematics, University of Mississippi, March 2018.

Seminar talk, "Monte Carlo Simulation: Integration, Optimization and Monte Carlo Tree Search", Department of Computer and Information Sciences, University of Mississippi, November, 2017.

Seminar talk, "Robustness via Influence Function", Department of Computer Information Sciences, University of Mississippi, September, 2017.

Robust and efficient boosting based on conditional risk. *2017 IMS International Conference on Statistics and Probability*, Nanning, China, June 28 - July 1, 2017.

Label confidence based AdaBoost algorithm. *International Joint Conference on Neural Networks*, Anchorage, Alaska, May 14 - 19, 2017.

Invited talk, Jackknife empirical likelihood for the Gini correlations. *East China Normal University*, June 20, 2016.

Invited talk, Robust EM algorithm and trimmed BIC. *25th ICASA Applied Statistics Symposium*, Atlanta, June 12 - 15, 2016.

2-hour tutorial, Robust model-based learning: methods, algorithms and applications. *2015 International Joint Conference on Neural Networks*, Killarney, Ireland, July 12 - 17, 2015.

Invited talk, Improving the power and robustness of DM and MGN tests, *35th International Symposium on Forecasting - Frontiers in Forecasting*, Riverside, June 21 - 24, 2015.

Invited talk, More powerful tests of predictive accuracy with an application to predictions of economic growth based on broadband infrastructure for OECD countries, *12th International Institute of Forecasters Workshop on Theory and Practice in ICT Forecasting*, London, UK, May 2014.

Robust finite mixture learning and its application to taxonomic research, *2013 International Conference on Data Mining and Intelligent Information Technology Applications (ICMIA)*, Jeju Island, Korea, June 2013.

Robust spatial-EM algorithm and its applications, *International Conference on Robust Statistics*, University of Vermont, August 2012.

Invited talk, Data mining methods based on kernelized spatial depths, Oberwolfach Mini-Workshop on *Level Sets and Depth Contours in High-Dimensional Data*, Mathematisches Forschungsinstitut Oberwolfach, Germany, February 2011.

Projection based scatter depth and associated estimators, *International Conference in Statistics and Society*, Beijing, China, July 2010.

Invited talk, Kernelized spatial depths on outlier detection and graph ranking, *International Conference on Nonparametric Statistics and Statistical Learning*, Ohio State University, May 2010.

PageRank: secret of Google's success, *Pi-Mu-Epsilon Meeting*, Department of Mathematics, University of Mississippi, March 2010.

Analyzing partially exchangeable binary data, *International Conference on Interdisciplinary Mathematical and Statistical Techniques - IMST 2008 / FIM XVI*, University of Memphis, May 2008.

Outlier detection with kernelized spatial depth, Department of Mathematics, *University of Mississippi*, October 2008.

The exchangeable logistic regression in correlated data, *International Biometric Society ENAR Spring Meeting*, Atlanta, March 2007.

Multivariate Theil-Sen estimators, *Joint Statistical Meetings*, Seattle, WA, August 2006.

A numerical study of multiple imputation methods with clinical laboratory data, *New Researchers Conference in Statistics and Probability*, Seattle, WA, July 2006.

Depth functions and applications. Department of Computer Science and Informatics, *University of Mississippi*, December 2005.

Nonparametric depth-based multivariate outlier identifiers and robustness properties, *Joint Statistical Meetings*, Minneapolis, MN, August 2005.

PROFESSIONAL
ACTIVITIES

Reviewer for journals

Journal of American Statistics Association
Statistics & Computing
Biometrics
Computational Statistics and Data Analysis
Statistical Papers
Journal of Multivariate Analysis
Journal of Biopharmaceutical Statistics
Journal of Nonparametric Statistics
Journal of Statistical Inference and Planning
Canadian Journal of Statistics
Statistics
Computational Statistics
WIREs Computational Statistics
Australian and New Zealand Journal of Statistics
Journal of Applied Statistics
Statistics & Probability Letters
Journal of Statistical Computation and Simulation
Journal of Probability and Statistics
Communications in Statistics - Theory and Methods
Mathematics, MDPI
SAGE Open
ISRN Probability and Statistics
IEEE Transaction on Fuzzy Systems
IEEE Transaction on Neural Networks and Learning System
IEEE Transaction on Neural Networks
IEEE Transaction on Knowledge and Data Engineering
International Journal of Imaging Systems
Artificial Intelligence Review
Expert Systems with Applications
Knowledge and Information Systems
Advances in Information Sciences and Service Science

Reviewer of grants for agent

Oak Ridge Associated Universities (ORAU) 2013
National Security Agent (NSA) 2009
Georgia National Science Foundation (GNSF) 2009

Program committee

International Joint Conference on Neural Network 2012, 2014, 2020, 2021 (IJCNN)

Reviewer for conference:

IEEE Symposium Series on Computational Intelligence 2013, 2014 (SSCI)
International Joint Conference on Neural Network 2013, 2015, 2016, 2017, 2020, 2021 (IJCNN)
Louisiana/Mississippi MAA meeting 2009

Organizer and session chair:

Session on Robust EM Algorithms at ICSA Applied Statistics Meeting 2016
Session on Theil-Sen Regression at the Joint Statistical Meeting 2008

TEACHING	Statistical Learning II (Math 776)	Spring 09, Spring 19
	Statistical Learning I (Math 775)	Fall 08, Fall 18
	Bayesian Decision Theory (Math 776)	Fall 10,12; Spring 17, 21
	Robust Statistics (Math 776)	Spring 15
	Statistical Methods I with SAS (Math675)	Fall 11, Fall 13
	Statistical Methods II with SAS (Math676)	Spring12, Spring 13
	Data Analysis with R (Math676)	Spring 11, Fall 16
	Mathematical Statistics I (Math 575)	Fall 05, 06, 07, 09, 10, 17, 19
	Mathematical Statistics II (Math 576)	Spring 06, 07, 08, 10, 11, 18, 20
	Introduction to Actuarial Science (Math 480)	Fall 07, Fall 08, Spring 16, Fall 22
	Introduction to Statistics (Math375)	Su 07, 21; Spr 09, 10, 12, 14-16, 21, 22; Fall 13-16,21,22
	Introduction to Linear Algebra (Math 319)	Spring 08
	Calculus III (Math263)	Fall 05, Spring 06, 22; Fall 06,10,17, 21
	Calculus II (Math262)	Fall 14, Spring 18, Spring 20
	Calculus I (Math261)	Summer 09
	Elementary Statistics (Math115)	Aug 10, 18, Jan 11, 15, Fall 09, 12, 16-19, 21, 22; Spring 17-22

STUDENT SUPERVISED	Vanderford, Courtney	Ph.D. completed in May 2022
	<ul style="list-style-type: none"> • Dissertation: <i>Computational efficient and symmetric Gini correlations, and dependence in bivariate Pareto distributions</i> • Now instructor in Northeast Mississippi Community College 	
	Weatherall, Lauren	Ph.D. completed in May 2015
	<ul style="list-style-type: none"> • Dissertation: <i>Gini covariance matrix and its affine equivariance version</i> • Now business analytics manager at Blue Cross Blue Shield Mississippi 	
	Curry, Jamyne	Ph.D. completed in August 2014
	<ul style="list-style-type: none"> • Dissertation: <i>Rank-based two sample tests under a general alternative.</i> • Now associate professor at Georgia Gwinnett College 	
	Yu, Kai	Ph.D. completed in December 2012
	<ul style="list-style-type: none"> • Dissertation: <i>Contributions to robust methods - modified rank covariance matrix and spatial-EM algorithm</i> • Now engineering manager at Meta 	
	Gao, Cuilan	Ph.D. completed in May 2010
	<ul style="list-style-type: none"> • Dissertation: <i>Graph ranking by the kernelized spatial depth functions, with applications</i> • Now associate professor at University of Tennessee at Chattanooga 	
Gregory, Tiffany	M.S. completed in December 2013	
<ul style="list-style-type: none"> • Thesis: <i>College retention rate prediction</i> 		
Levy, Ilyse	Undergraduate honor thesis, May 2022	
<ul style="list-style-type: none"> • Thesis: <i>The Efficacy of the COVID-19 Vaccine in Mississippi</i> • Now actuary at Aon 		
Ralph, Sara Ann	Undergraduate honor thesis, May 2009	
<ul style="list-style-type: none"> • Thesis: <i>Sampling methods - a survey on 2008 presidential debate</i> 		

MEMBER IN THE THESIS COMMITTEES	Waite, John	Ph.D.(Physics), May 2022 (Chair: Alakabha Datta)
	Sun, Xingjian	Ph.D.(EE), December 2021 (Chair: Lei Cao)
	Zhang, Yiqiao	Ph.D.(Pharmacy Administration), August 2021 (Chair: Yi Yang)
	Doan, Duc Anh	Ph.D.(Mathematics), May 2021 (Chair: Dao Nguyen)

Fortune, Timothy	Ph.D.(Mathematics), August 2020 (Chair: Hailin Sang)
Ghoshal, Torumoy	Ph.D.(Computer Science), August 2020 (Chair: Yixin Chen)
Zhang, Silu	Ph.D.(Computer Science), August 2019 (Chair: Yixin Chen)
Beknazaryan, Aleksandr	Ph.D.(Mathematics), August 2019 (Chair: Hailin Sang)
Ma, Christopher	Ph.D.(Computer Science), May 2018 (Chair: Yixin Chen)
Sang, Yongli	Ph.D.(Mathematics), May 2017 (Chair: Hailin Sang)
Nakarmi, Janet	Ph.D.(Mathematics), August 2016 (Chair: Hailin Sang)
Turnage, Doris	Ph.D.(Computer Science), August 2016 (Chair: Yixin Chen)
Li, Yan	Ph.D (Economics), August 2015 (Chair: Thomas Garrett)
Cui, Yan	Ph.D (Economics), August 2015 (Chair: Walter Mayer)
Akpanjar, George	Ph.D (Economics), May 2015 (Chair: Walter Mayer)
Church, James	Ph.D.(Computer Science), August 2014 (Chair: Yixin Chen)
Mao, Yilin	Ph.D.(EE), August 2014 (Chair: Fan Yang)
Qiao, Qian	Ph.D.(EE), May 2014 (Chair: Fan Yang)
Xu, Wenxian	Ph.D.(Economics), May 2014 (Chair: Walt Mayer)
Nan, Xiaofei	Ph.D.(Computer Science), Aug 2012 (Chair: Yixin Chen)
Akkoirshida, Mohammed Shaker	Ph.D.(EE), May 2012 (Chair: Mustafa M. Matalgah)
Zibideh, Walid Al	Ph.D.(EE), May 2012 (Chair: Mustafa M. Matalgah)
Yu, Ang	Ph.D.(EE), May 2010 (Chair: Fan Yang)
Huang, Wei	Ph.D.(EE), May 2009 (Chair: Ahmed Kishk)
Wu, Xuanhui	Ph.D.(EE), February 2009 (Chair: Ahmed Kishk)
Chen, Huijun	Ph.D.(EE), November 2008 (Chair: Lei Cao)
Wu, Weidong	Ph.D.(Civil Engineering), August 2008 (Chair: Ahmed Al-Ostaz)
Kendrick, Derek	M.S. (Civil Engineering), August 2008 (Chair: Ahmed Al-Ostaz)
Wu, Chen	Ph.D.(Economics), April 2008 (Chair: Walt Mayer)
Zhang, Yizhe	Ph.D.(EE), March 2008 (Chair: Ahmed Kishk)
Zheng, Guiping	Ph.D.(EE), December 2007 (Chair: Ahmed Kishk)
Ding, Yuanyuan	Ph.D.(Computer Science), August 2007 (Chair: Dawn Wilkins)
Garner, Latonya	Ph.D(Mathematics)., May 2007(Chair: Hanxiang Peng)
Radaydeh, Redha	Ph.D.(EE), November 2006 (Chair: Mustafa M. Matalgah)
Keeton, Stephine	Ph.D.(Mathematics), July 2006 (Chair: Hanxiang Peng)

SERVICE	Department Statistics Seminar Coordinator	since 2006
	Minor in Applied Statistics Committee	since 2014
	Faculty Search Committee Chair	2013, 2017, 2019
	Faculty Search Committee	2006, 2007, 2012, 2018
	Instructor Search Committee	2016
	Faculty Advisor for Pi Mu Epsilon Mathematics Society	2007 - 2011
	Search Committee for Departmental Administrative Coordinator	2010, 2018

PROFESSIONAL MEMBERSHIPS	Institute of Mathematical Statistics
	American Statistical Association
	International Chinese Statistical Association
	International Neural Network Society