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Academic Positions

8/2020–present	Associate Professor with Tenure, Department of Probability and Statistics, School of Mathematical Sciences, and Center for Statistical Science, Peking University
11/2021–present	Director, Division of Statistics, School of Mathematical Sciences, Peking University
6/2014–7/2020	Assistant Professor, Department of Probability and Statistics, School of Mathematical Sciences, and Center for Statistical Science, Peking University
11/2019–present	Faculty Member, Center for Theory of Artificial Intelligence, Institute for Artificial Intelligence, Peking University
11/2018–present	Faculty Member, Department of Biostatistics, Peking University
9/2011–6/2014	Postdoctoral Researcher, Department of Biostatistics and Epidemiology, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA *Mentors*: Professors Rui Feng and Hongzhe Li

Education

8/2006–8/2011	Ph.D. in Applied Mathematics (with Concentration in Statistics) University of Southern California, Los Angeles, CA *Dissertation*: Missing Covariates and High-Dimensional Variable Selection in Additive Hazards Regression *Advisors*: Professors Larry Goldstein and Jinchi Lv
8/2005–1/2007	M.S. in Applied and Computational Mathematics University of Minnesota, Duluth, MN *Advisors*: Professors Dalibor FrONČek and Zhuangyi Liu
9/1999–6/2005	M.S. in Applied Mathematics; B.S. in Mathematics and Applied Mathematics Fudan University, Shanghai, China *Advisor*: Professor Tianping Chen

Research Interests

High-dimensional statistics; Statistical machine learning; Compositional data analysis; Causal inference; Survival analysis; Statistical genetics and genomics

Publications

1. Zhang, S., Wang, H. and **Lin, W.** (2024). CARE: Large precision matrix estimation for compositional data. *Journal of the American Statistical Association*, to appear.

2. Zhao, X., Wang, H., Huang, W. and **Lin, W.** (2024). A statistical theory of regularization-based continual learning. In *International Conference on Machine Learning (ICML)*.

3. Zhao, X., Wang, H. and **Lin, W.** (2023). The aggregation–heterogeneity trade-off in federated learning. In *Conference on Learning Theory (COLT)*, pp. 5478–5502.

4. Zhao, X., Zhang, J. and **Lin, W.** (2023). Clustering multivariate count data via Dirichlet-multinomial network fusion. *Computational Statistics & Data Analysis*, 179, 107634.

5. Wu, H., **Lin W.**, Kong, L., Tang, X., Wang, W., Wang, Z. and Chen, S. (2021). A fast emission inversion scheme based on ensemble optimal interpolation (in Chinese). *Climatic and Environmental Research*, 26(2), 191–201.

6. Zheng, Z., Lv, J. and **Lin, W.** (2021). Nonsparse learning with latent variables. *Operations Research*, 69(1), 346–359.

7. Wu, H., Zheng, X., Zhu, J., **Lin, W.**, Zheng, H., Chen, X., Wang, W., Wang, Z. and Chen, S. X. (2020). Improving $PM_{2.5}$ forecasts in China using an initial error transport model. *Environmental Science & Technology*, 54(17), 10493–10501.

8. Zhang, S., Chen, S., Guo, B., Wang, H. and **Lin, W.** (2020). Regional air-quality assessment that adjusts for meteorological confounding (in Chinese). *Scientia Sinica Mathematica*, 50(4), 527–558.

9. Zhang, J. and **Lin, W.** (2019). Scalable estimation and regularization for the logistic normal multinomial model. *Biometrics*, 75(4), 1098–1108.

10. Uematsu, Y., Fan, Y., Chen, K., Lv, J. and **Lin, W.** (2019). SOFAR: Large-scale association network learning. *IEEE Transactions on Information Theory*, 65(8), 4924–4939.

11. Cao, Y., **Lin, W.** and Li, H. (2019). Large covariance estimation for compositional data via composition-adjusted thresholding. *Journal of the American Statistical Association*, 114(526), 759–772.

12. Cao, Y., **Lin, W.** and Li, H. (2018). Two-sample tests of high-dimensional means for compositional data. *Biometrika*, 105(1), 115–132.

13. Strazza, M., Pirrone, V., Wigdahl, B., Dampier, W., **Lin, W.**, Feng, R., Maubert, M. E., Weksler, B., Romero, I. A., Couraud, P.-O. and Nonnemacher, M. R. (2016). Prolonged morphine exposure induces increased firm adhesion in an in vitro model of the blood–brain barrier. *International Journal of Molecular Sciences*, 17(6), 916.

14. **Lin, W.**, Feng, R. and Li, H. (2015). Regularization methods for high-dimensional instrumental variables regression with an application to genetical genomics. *Journal of the American Statistical Association*, 110(509), 270–288.

15. Healy, F., **Lin, W.**, Feng, R., Hanna, B. D., Hedrick, H. and Panitch, H. B. (2015). An association between pulmonary hypertension and impaired lung function in infants with congenital diaphragmatic hernia. *Pediatric Pulmonology*, 50(7), 672–682.

16. Cantu, E., Shah, R. J., **Lin, W.**, Daye, Z. J., Diamond, J. M., Suzuki, Y., Ellis, J. H., Borders, C. F., Andah, G. A., Beduhn, B., Meyer, N. J., Ruschefski, M., Aplenc, R., Feng, R. and Christie, J. D. for the Lung Transplant Outcomes Group Investigators (2015). Oxidant stress regulatory genetic variation in recipients and donors contributes to risk of primary graft dysfunction after lung transplantation. *Journal of Thoracic and Cardiovascular Surgery*, 149(2), 596–602.

17. **Lin, W.**, Shi, P., Feng, R. and Li, H. (2014). Variable selection in regression with compositional covariates. *Biometrika*, 101(4), 785–797.

18. Sun, H., **Lin, W.**, Feng, R. and Li, H. (2014). Network-regularized high-dimensional Cox regression for analysis of genomic data. *Statistica Sinica*, 24(3), 1433–1459.

19. **Lin, W.** and Lv, J. (2013). High-dimensional sparse additive hazards regression. *Journal of the American Statistical Association*, 108(501), 247–264.

20. **Lin, W.** (2009). Asymptotic behavior of periodic Cohen-Grossberg neural networks with delays. *Neural Computation*, 21(12), 3444–3459.

21. **Lin, W.** and Chen, T. (2007). Dynamics of periodic Lotka–Volterra systems with general time delays. *Dynamics of Continuous, Discrete and Impulsive Systems, Series B*, 14(6), 885–901.

22. **Lin, W.** and Chen, T. (2006). Analysis of two restart algorithms. *Neurocomputing*, 69(16–18), 2301–2308.

23. **Lin, W.** and Chen, T. (2005). Controlling chaos in a chaotic neuron model. *International Journal of Bifurcation and Chaos*, 15(8), 2611–2621.

24. **Lin, W.** and Chen, T. (2005). Positive periodic solutions of delayed periodic Lotka–Volterra systems. *Physics Letters A*, 334(4), 273–287.

Honors and Awards

- Chia Tai Teaching Award, Peking University, 2019
- Principal Investigator, Beijing Academy of Artificial Intelligence, 2019–2021
- Boya Young Scholar, Peking University, 2017–present
- Merit Fellowship, College of Letters, Arts and Sciences, University of Southern California, 2009
- Summer Graduate Workshop Travel Award, Mathematical Sciences Research Institute, 2007
- Outstanding Master's Thesis Award, Shanghai Municipal Education Commission, 2006
- Shenzhou Scholarship, Fudan University, 2004
- Meritorious Winner, Mathematical Contest in Modeling, Consortium for Mathematics and Its Applications, 2002
- Second Prize, China Undergraduate Mathematical Contest in Modeling, China Society for Industrial and Applied Mathematics, 2001
- Matsushita Electric Scholarship, Fudan University, 2001
- Sumitomo Scholarship, Fudan University, 2000

Grants and Contracts

- "Mathematical Foundation and Algorithms for Inversion and Fusion of Massive Multi-source Heterogenous Data," National Natural Science Foundation of China Major Program Grant 12292981, Co-Investigator (PI: Fang Yao), 1/2023–12/2027
- "Regularization Theory and Methods for Overparametrized Models," National Natural Science Foundation of China General Program Grant 12171012, PI, ¥510,000, 1/2022–12/2025.
- "Theory and Methods for Big Data Analysis in Management Decisions," National Natural Science Foundation of China Key Program Grant 92046021, Co-Investigator (PI: Song Xi Chen), 1/2021–12/2022
- "Modeling Neural Mechanisms of Childhood Brain Development Disorders and Aided Diagnosis and Treatment Algorithms," National Natural Science Foundation of China Tianyuan Fund for Mathematics (Joint with Pazhou Lab) Grant 12026606, Co-Investigator (PI: Xiao-Hua Zhou), 1/2021–12/2022
- "Statistical Theory and Algorithmic Foundations for Artificial Intelligence," Beijing Natural Science Foundation Key Research Topics Grant Z190001, PI, ¥2,000,000, 10/2019–10/2023
- "Statistical Theory for Overparametrized Models and Causal Learning," Beijing Academy of Artificial Intelligence Grant BAAI2019ZD0106, PI, ¥1,400,000, 6/2019–5/2021
- "Sparse and Low-Rank Modeling and Inference of High-Dimensional Complex Data," National Natural Science Foundation of China General Program Grant 11671018, PI, ¥480,000, 1/2017–12/2020
- "Construction of Multi-Pollutant Data Fields Based on Statistical and Numerical Models," National Key Research and Development Plan Grant 2016YFC0207703, PI, ¥3,173,000, 7/2016–6/2020
- "Big Data–Driven Models and Algorithms for Management Decisions," National Natural Science Foundation of China Key Program Grant 71532001, Co-Investigator (PI: Song Xi Chen), 1/2016–12/2020

- "Merging Algorithms in Data Analysis: Research and Education," National Natural Science Foundation of China Tianyuan Fund for Mathematics Grant 11626244, Co-Investigator (PI: Pingwen Zhang), 1/2017–12/2017

- "Interdisciplinary Platform Construction for Mathematics and Frontiers of Science," National Natural Science Foundation of China Tianyuan Fund for Mathematics Grant 11526199, Co-Investigator (PI: Pingwen Zhang), 1/2016–12/2016

- "Statistical Modeling and Inference of High-Dimensional Complex Data," Peking University Start-up Grant, PI, ¥300,000, 6/2014–12/2017

Talks and Presentations

- Conference of the High-Dimensional Data Statistics Branch of the Chinese Association for Applied Statistics, Nanjing, Jiangsu, 4/2024

- Department of Statistics and Data Science, National University of Singapore, Singapore, 2/2024

- TMRC Workshop on the Frontiers of Statistics with Large-Scale Data, Kunming, Yunnan, 1/2024

- BIRS-IASM Workshop: Harnessing the Power of Latent Structure Models and Modern Big Data Learning, Hangzhou, Zhejiang, 12/2023

- Annual Meeting of Beijing Mathematical Society, Beijing, 11/2023

- International Forum on Statistics, Renmin University of China, Beijing, 7/2023

- Joint Conference on Statistics and Data Science in China, Beijing, 7/2023

- Conference of the High-Dimensional Data Statistics Branch of the Chinese Association for Applied Statistics, Changsha, Hunan, 5/2023

- Center of Statistical Research, Southwestern University of Finance and Economics, Chengdu, Sichuan, 4/2023

- School of Statistics, East China Normal University, Shanghai, 12/2022

- ICSA China Conference, Xi'an, Shaanxi, 7/2022

- Causal Inference and Machine Learning Workshop, Institute of Computing Technology, Chinese Academy of Sciences, Beijing, 4/2022

- School of Mathematical Sciences, Shanghai Jiao Tong University, Shanghai, 12/2021

- Institute of Statistics and Big Data, Renmin University of China, Beijing, 12/2021

- School of Statistics, East China Normal University, Shanghai, 12/2021

- Conference of the High-Dimensional Data Statistics Branch of the Chinese Association for Applied Statistics, Lanzhou, Gansu, 7/2021

- Shuangqing Forum on Opportunities and Challenges of AI for Mathematics, Beijing, 11/2020

- Annual Meeting of China Society for Industrial and Applied Mathematics, Changsha, Hunan, 11/2020

- BAAI Conference, Beijing, 6/2020

- Center of Statistical Research, Southwestern University of Finance and Economics, Chengdu, Sichuan, 6/2020

- Research School of Finance, Actuarial Studies and Statistics, Australian National University, Canberra, Australia, 11/2019

- Department of Biostatistics, University of Washington, Seattle, WA, 10/2019

- International Conference on Environmental Statistics, Yunnan University, Kunming, Yunnan, 8/2019

- International Workshop on Spatial Statistics, University of Melbourne, Creswick, Victoria, Australia, 7/2019

- IMS-China International Conference on Statistics and Probability, Dalian, Liaoning, 7/2019

- ICSA China Conference, Tianjin, 7/2019

- International Conference on Econometrics and Statistics, Taichung, Taiwan, 6/2019

- Conference of the High-Dimensional Data Statistics Branch of the Chinese Association for Applied Statistics, Hangzhou, Zhejiang, 4/2019

- Center for Statistical Science, Tsinghua University, Beijing, 3/2019

- National Probability and Statistics Conference, Chengdu, Sichuan, 10/2018

- National Big Data and AI Conference, Chongqing, 7/2018

- ICSA China Conference with the Focus on Data Science, Qingdao, Shandong, 7/2018

- ICSA Applied Statistics Symposium, New Brunswick, NJ, 6/2018

- Conference of the High-Dimensional Data Statistics Branch of the Chinese Association for Applied Statistics, Nanchang, Jiangxi, 4/2018

- Conference on Big Data Statistics and FinTech, Fudan University, Shanghai, 10/2017

- Annual Conference of the Chinese Mathematical Society, Xiangtan, Hunan, 10/2017

- ICSA-Canada Chapter Symposium, Vancouver, BC, Canada, 10/2017

- Joint Statistical Meetings, Baltimore, MD, 10/2017 (Invited)

- IMS-China International Conference on Statistics and Probability, Nanning, Guangxi, 6/2017

- ICSA Applied Statistics Symposium, Chicago, IL, 6/2017

- Conference of the High-Dimensional Data Statistics Branch of the Chinese Association for Applied Statistics, Xiamen, Fujian, 4/2017

- Workshop on Innovative Statistical Methods in Precision Medicine and Big Data, Stanford Center at Peking University, 3/2017

- International Conference on Data Science, Fudan University, Shanghai, 12/2016

- School of Statistics and Mathematics, Zhongnan University of Economics and Laws, Wuhan, Hubei, 11/2016

- Peking–Zhejiang Joint Symposium on Probability and Statistics, Zhejiang University, Hangzhou, Zhejiang, 10/2016

- Cross-Strait Conference on Statistics and Probability, Chengdu, Sichuan, 8/2016

- IBS-China International Biostatistical Conference, Shanghai, 7/2016

- Conference on High-Dimensional Statistics in the Age of Big Data, Peking University, 5/2016

- Conference of the High-Dimensional Data Statistics Branch of the Chinese Association for Applied Statistics, Kaifeng, Henan, 4/2016

- Conference of the Asian Regional Section of the International Association for Statistical Computing, Singapore, 12/2015

- IMS Meeting of New Researchers in Statistics and Probability, Seattle, WA, 8/2015

- ISBS–DIA Joint Symposium on Biopharmaceutical Statistics, Beijing, 7/2015

- New Researchers Conference on High-Dimensional Statistics in the Age of Big Data, Peking University, 6/2015

- Conference of the High-Dimensional Data Statistics Branch of the Chinese Association for Applied Statistics, Wuhu, Anhui, 4/2015

- School of Mathematical Sciences, Capital Normal University, Beijing, 12/2014

- National Probability and Statistics Conference, Jinan, Shandong, 10/2014

- IMS Asia Pacific Rim Meeting, Taipei, Taiwan, 6/2014

- School of Mathematical Sciences and Center for Statistical Science, Peking University, 2/2014

- Department of Mathematics and Statistics, University of North Carolina, Charlotte, NC, 2/2014

- Department of Mathematical Sciences, University of Arkansas, Fayetteville, AR, 1/2014

- Joint Statistical Meetings, Montréal, QC, Canada, 8/2013 (Contributed)

- ICSA–ISBS Joint Statistical Conference, Bethesda, MD, 6/2013

- ICSA Applied Statistics Symposium, Boston, MA, 6/2012

- Department of Mathematics and Statistics, Mississippi State University, Mississippi State, MS, 3/2012

- Department of Biostatistics and Epidemiology, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA, 7/2011

- Division of Quantitative Sciences, University of Texas MD Anderson Cancer Center, Houston, TX, 6/2011

Teaching and Curriculum Development

- Graduate courses
Advanced Theory of Statistics (00112640), Fall 2014, Fall 2016, Fall 2017
Advanced Theory of Statistics II (00112240), Spring 2017, Spring 2021
Modern Statistical Modeling (00101756), Spring 2023
Statistical Learning (00102892), Fall 2018, Fall 2019, Fall 2020, Fall 2021
Deep Learning and Reinforcement Learning (00103335), Fall 2022, Fall 2024
High-Dimensional Data Analysis and Statistical Inference (00100867), Spring 2015
Spatio-Temporal Statistics for Big Data (00112230), Fall 2015

- Undergraduate courses
Probability Theory and Statistics (B) (00132380), Fall 2018, Spring 2019
Applied Regression Analysis (00133110), Spring 2016, Spring 2022, Spring 2024
Deep Learning: Algorithms and Applications (00137130/00101755), Spring 2020

Advising and Mentoring

- Postdocs
Huangjian Wu (with Song Xi Chen), 2018–2021 (First position: Institute of Atmospheric Physics, Chinese Academy of Sciences)
Shucong Zhang, 2018–2021 (First position: Lecturer, University of International Business and Economics)

- Ph.D. students
Chengxin Gong, 2023–present
Hongbin Lin, 2023–present
Xuyang Zhao, 2021–present
Yalong Lyu, 2020–present
Huiyuan Wang, 2023 (First position: Postdoc, University of Pennsylvania)
Chang Cui, 2022 (First position: ByteDance)
Xin Zhao, 2022
Jingru Zhang (with Weinan E), 2019 (Current position: Assistant Professor, Fudan University)
Changjing Wu (with Minghua Deng), 2018 (First position: Alibaba)

- Master's students
  Shaobin Yu, 2023–present
  Tianhao Tang, 2023
  Haoran Sun, 2022
  Chuntao Chen, Bin Yan, Xi Zhang, Yidi Zheng, 2018
  Cen Yu, Yu Zhou, 2017
  De Li, Xiaoyu Wang, Haoxiang Yang, 2016
  Honglei Liu, Jun Yang, Cong Yu, 2015

- Undergraduate students
  Zhiyi Li, Zhenan Wang, Yiran Xiong, 2024
  Hengzhi He, Yikun Li, Hongbin Lin, Shaobin Yu, 2023
  Qiaobo Li, Jingkun Lin, Shuzhan Wan, 2022
  Yuzheng, Shange Tang, Xuyang Zhao, 2021
  Kaixuan Huang, Jinrun Kou, Ziang Liang, 2020
  Yuqing Chen, Zewen Jin, Jiajin Sun, 2019
  Jialin Ouyang, Songkai Xue, Peng Yu, Yichen Zhu, 2018
  Wanshan Li, Yue Li, Zheng Liu, Zhen Wang, 2017
  Long Chen, Yuxin Fang, Bing Li, Jiajun Tang, Ruosi Wan, 2016
  Xialiang Dou, Haoyang Liu, Weicong Lyu, Yijun Xiao, 2015

Professional Service

- Editorial Board Member, *ACM Transactions on Probabilistic Machine Learning*, 2023–present

- Editorial Board Reviewer, *Journal of Machine Learning Research*, 2020–present

- Reviewer for Mathematical Reviews, 2018–present

- Journal reviewer for (number of times)
  Acta Mathematica Sinica, Chinese Series (1)
  Acta Mathematica Applicatae Sinica, English Series (3)
  Annals of Statistics (2)
  Annals of the Institute of Statistical Mathematics (1)
  Australian & New Zealand Journal of Statistics (1)
  Bioinformatics (1)
  Biometrics (5)
  Biometrika (3)
  BMC Bioinformatics (1)
  Bernoulli (1)
  Computational Statistics (1)
  Computational Statistics & Data Analysis (2)
  Econometrics and Statistics (1)
  Electronic Journal of Differential Equations (1)
  IEEE Transactions on Circuits and Systems I (2)
  IEEE Transactions on Neural Networks (1)
  IEEE Transactions on Signal Processing (1)
  Journal of Applied Mathematics (1)
  Journal of Applied Statistics (2)
  Journal of Business and Economic Statistics (1)
  Journal of Computational and Graphical Statistics (2)
  Journal of Inequalities and Applications (1)
  Journal of Machine Learning Research (9)
  Journal of Multivariate Analysis (1)
  Journal of Nonparametric Statistics (1)
  Journal of Statistical Planning and Inference (1)
  Journal of the American Statistical Association (3)
  Journal of the Korean Statistical Society (3)
  Mathematics and Computers in Simulation (1)
  Neural Networks (1)
  Sankhya B (1)
  Statistica Sinica (11)
  Statistical Methodology (1)
  Statistical Modelling (1)
  Statistics and Computing (1)
  Statistics and Its Interface (1)
  Statistics and Probability Letters (2)
  Statistics in Biopharmaceutical Research (1)
  Transactions on Machine Learning Research (5)

- Conference reviewer for
  Conference on Neural Information Processing Systems (1)
  International Conference on Machine Learning (2)

International Conference on Neural Information Processing (1)
International Conference on Learning Representations (1)
International Joint Conference on Neural Networks (2)

- Grant reviewer for
Changjiang Scholars Program (4)
National Natural Science Foundation of China (8)
NSA Mathematical Sciences Program (1)
Research Grants Council of Hong Kong (5)

- Council Member, Chinese Association for Applied Statistics, 2021–present

- Vice Chair, Machine Learning Branch of the Chinese Association for Applied Statistics, 2021–present

- Standing Council Member, High-Dimensional Data Statistics Branch of the Chinese Association for Applied Statistics, 2019–present; Council Member, 2015–2019

- Standing Council Member, Multivariate Analysis and Applications Professional Committee of the Chinese Association for Applied Statistics, 2023–present

- Council Member, Causal Inference Branch of the Chinese Association for Applied Statistics, 2022–present

- Council Member, Beijing Society for Applied Statistics, 2015–2019

- Council Member, Beijing Association for Big Data, 2015–2019

- Program Chair, First Conference on Machine Learning and Statistics, East China Normal University, Shanghai, 8/2023

- Organizing Committee Chair, Peking–Tsinghua Joint Statistics Colloquium, Peking University, 5/2023

- Organizing Committee Member, Statistical Science Forum, Peking University, 11/2022

- Organizing Committee Member, First PKU Alumni Forum in Statistics, Peking University, 7/2022–8/2022

- Co-Chair, UK-China Collaborative Workshop on AI for Environment, Climate and Sustainability, Beijing/Exeter, 3/2022

- Organizing Committee Member, International Causal Inference Conference, Peking University, 5/2019

- Organizing Committee Member, Applied Mathematics and Statistics Youth Forum, Peking University, 12/2018

- Organizing Committee Member, Symposium on Biostatistics and Data Science, Peking University, 11/2018

- Organizing Committee Chair, Peking–Tsinghua Joint Statistics Colloquium, Peking University, 6/2018

- Scientific and Organizing Committees Member, Conference on High-Dimensional Statistics in the Age of Big Data, Peking University, 5/2017

- Organizing Committee Member, Young Mathematician Forum, Peking University, 12/2016

- Organizing Committee Member, Symposium on Probability and Statistics, Peking University, 6/2016

- Organizing Committee Member, Conference on High-Dimensional Statistics in the Age of Big Data, Peking University, 5/2016

- Local Organizing Chair, New Researchers Conference on High-Dimensional Statistics in the Age of Big Data, Peking University, 6/2015

Institutional Service

- Seminar Co-Organizer, Center for Statistical Science, 2016–2017, 2020–2021

- Seminar Co-Organizer, Department of Biostatistics, 2019–2020

- Member, Teaching Advisory Committee, School of Mathematical Sciences, 2021–present

- Member, Office Space Management Committee, School of Mathematical Sciences, 2017–2021
- Statistics Ph.D. Qualifying and Entrance Examination Committee, School of Mathematical Sciences, 2015–present
- Statistics Graduate Admissions Committee, School of Mathematical Sciences and Center for Statistical Science, 2014–present
- Committee Member, Ph.D. Elite Program, School of Mathematical Sciences, 2016–present
- Co-Director, Undergraduate Elite Program in Applied Mathematics and Statistics, School of Mathematical Sciences, 2014–present
- Graduate Coordinator, Center for Statistical Science, 2015–2016
- Ph.D. Class Advisor, School of Mathematical Sciences, 2015–2016
- Undergraduate Curriculum Review Committee, Department of Probability and Statistics, 2015
- Referee for the Challenge Cup Competition, 2015, 2020
- Statistical Consultant, Graduate School, 2016–2017

Professional Memberships

- American Statistical Association
- Chinese Association for Applied Statistics
- Chinese Mathematical Society
- Institute of Mathematical Statistics
- International Chinese Statistical Association