

Department of Statistics, Florida State University  
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### Education

|                                                                              |                 |
|------------------------------------------------------------------------------|-----------------|
| University of Minnesota, School of Statistics, Minneapolis                   |                 |
| Ph.D., Statistics (Advisor: R. Dennis Cook)                                  | 2014            |
| M.S., Statistics                                                             | 2012            |
| University of Minnesota, School of Physics and Astronomy, Minneapolis        |                 |
| Ph.D. Student (research & teaching assistant) in Physics                     | 07/2008–05/2010 |
| University of Science and Technology of China (USTC), School of Gifted Young |                 |
| B.S., Applied Physics                                                        | 2008            |

### Professional Appointments

|                                                                         |                   |
|-------------------------------------------------------------------------|-------------------|
| Professor, Department of Statistics, Florida State University           | 08/2024 — present |
| Associate Professor, Department of Statistics, Florida State University | 08/2020 — 08/2024 |
| Assistant Professor, Department of Statistics, Florida State University | 07/2014 — 08/2020 |
| Faculty Affiliate, National High Magnetic Field Laboratory (MagLab)     | 09/2026 — present |

### Editorial Activities

|                                                                                               |                |
|-----------------------------------------------------------------------------------------------|----------------|
| Associate Editor, <i>Journal of the American Statistical Association (Theory and Methods)</i> | 2026 — present |
| Associate Editor, <i>Communications in Statistics</i>                                         | 2025 — present |
| Associate Editor, <i>Statistica Sinica</i>                                                    | 2021 — present |
| Associate Editor, <i>Biometrics</i>                                                           | 2019 — present |
| Editorial Board Reviewer, <i>Journal of Machine Learning Research</i>                         | 2020 — present |

### Professional Societies

|                                                                                                                                                                                      |             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| President, Florida chapter of the American Statistical Association (FLASA)                                                                                                           | 2025 — 2027 |
| Vice President, Florida chapter of the American Statistical Association (FLASA)                                                                                                      | 2023 — 2025 |
| Lifetime Member, <i>American Statistical Association (ASA)</i> , <i>Institute of Mathematical Statistics (IMS)</i> , and <i>International Chinese Statistical Association (ICSA)</i> |             |

### Teaching (classes taught at FSU)

- STA 4442/5440: Introductory Probability.
- STA 4321/5323: Introduction to Mathematical Statistics.
- STA 4322/5325: Mathematical Statistics.
- STA 5167: Statistics in Applications II (Applied Linear Regression).
- STA 5208: Linear Statistical Models
- STA 5934: Selected Topics in Statistics
- STA 6448: Advanced Topics in Statistics

## Honors and Awards

- **Developing Scholar Award**, Florida State University, 2021  
*This honorary award program at FSU acknowledges exceptional research and/or creative activity by mid-career faculty members. I am honored to have been selected as one of the four awardees from among all the Associate Professors at FSU.*
- **Outstanding Young Researcher Award**, International Chinese Statistical Association, 2020  
*This award is acknowledges outstanding research achievements in statistical theory, methodology, and/or applications. I am honored to have been selected as one of the two awardees from among all members of ICSA who had obtained their PhD degree within the past six years.*
- New Research Award, ICSA International Conference, 2019
- Junior Researcher Paper Award, ICSA China Conference, 2018

## Research Grants

### National Institutes of Health

- “Multimodal Integrative Dimension Reduction and Statistical Modeling with Applications to Temporomandibular Joint (TMJ) Morphometry and Biomechanics”  
1R03 DE030509-01 March 5, 2021 – February 28, 2024  
Role: Contact **Principal Investigator** (MPI/co-PI: Elizabeth Slate) Total amount: \$309,449

### National Science Foundation

- “Tensor and Subspace Learning Methods with Applications to Medical Imaging”  
DMS-2053697 July 1, 2021 – June 30, 2025  
Role: **Principal Investigator** Total amount: \$180,000
- “Collaborative Research: New Regression Models and Methods for Studying Multiple Categorical Responses”  
DMS-2113590 September 1, 2021 – August 31, 2025  
Role: **Principal Investigator** Total amount: \$100,000
- “CIF: Small: Cluster Analysis for Highly-correlated, Heavy-tailed, and Higher-order Data”  
CCF-1908969 October 1, 2019 – September 30, 2023  
Role: **Co-Principal Investigator** (PI: Qing Mai) Total amount: \$478,522
- “CIF: Small: Efficient Discriminant Analysis through Parsimonious Probabilistic Models”  
CCF-1617691 July 1, 2016 – June 30, 2020  
Role: **Principal Investigator** (co-PI: Qing Mai) Total amount: \$414,215
- “Collaborative Research: Tensor Envelope Model – A New Approach for Regressions with Tensor Data”  
DMS-1613154 September 1, 2016 – August 31, 2019  
Role: **Principal Investigator** Total amount: \$102,911

## Conference Grants

- “Conference: Theory and Foundations of Statistics in the Era of Big Data”  
National Science Foundation, DMS-2403813 February 1, 2024 – January 31, 2025  
Role: **Principal Investigator** (co-PI: Srijan Sengupta) Total amount: \$14,800

## FSU Internal Grants/Awards

- ReliaQuest Innovation Challenge Fund (\$30,000) Summer 2026
- Developing Scholar Award (\$10,000) 2021–2022
- First Year Assistant Professor (FYAP) Grant (\$20,000) Summer 2015
- Provost’s Faculty Travel Award (2019F), Dean’s Faculty Travel Award (2024F, 2018F, 2015F)

**Peer-reviewed Journal Articles (Published or Accepted)**

“    ” indicates (former) students at FSU

“<sup>†</sup>” indicates alphabetical authorship

“” indicates the corresponding author

1. Park, S., **Zhang, X.**, Slate, E., Sun, S., and Yao, H. (2026+) Dimension Reduction for Characterizing Sexual Dimorphism in Biomechanics of the Temporomandibular Joint. *Biometrics*.
2. Zeng, J., **Zhang, X.** and Hao, N. (2026+) Second-order Sparse Sufficient Dimension Reduction with Applications to Quadratic Discriminant Analysis. *Journal of the American Statistical Association (Theory & Methods)*.
3. Yan, L., **Zhang, X.** and Zhao, Z. (2026+) Model-free multiple testing for matrix-valued predictors with false discovery control. *Journal of Computational and Graphical Statistics*.
4. Jin, Y., **Zhang, X.**, Molstad, A. (2026) Kernelized discriminant analysis for multivariate categorical response regression. *Journal of Computational and Graphical Statistics*. **35** (1), 251–262.
5. <sup>†</sup> A. Molstad and **Zhang, X.** (2026) Conditional probability tensor decompositions for multivariate categorical response regression. *Journal of the American Statistical Association (Theory & Methods)*, **121**, 1310–1323.
6. Zeng, J., Wang, N., and **Zhang, X.** (2026) Envelope Inverse Regression for Dimension Reduction: A Review and New Perspectives. *Journal of Systems Science & Complexity*. **39**(1), 284–308. *[[Invited article for a special issue on “Dimension Reduction and Model Checking”]]*
7. <sup>†</sup> **Zhang, X.**, Zhao, W., and Zhu, L. X. (2026) Dimension selection in tensor decompositions and envelope models. *Journal of Multivariate Analysis*. **211**, 105512
8. Yan, L., **Zhang, X.**, Lan, Z., Bandyopadhyay, D., and Wu, Y. (2025) Variable Screening and Spatial Smoothing in Fréchet Regression with Application to Diffusion Tensor Imaging. *Annals of Applied Statistics*. **19** (1), 655–679
9. <sup>†</sup> Ying, C., Yu, Z. and **Zhang, X.**, (2025) Distance Weighted Directional Regression for Fréchet Sufficient Dimension Reduction. *Biometrics*. **81** (2): uja051.
10. Li, J., Mai, Q. and **Zhang, X.** (2025) The Tucker Low-Rank Classification Model for Tensor Data. *Statistica Sinica*. **35**, 1111–1132
11. <sup>†</sup> Q. Mai, X. Shao, R. Wang and **Zhang, X.** (2025) Slicing-free Inverse Regression in High-dimensional Sufficient Dimension Reduction. *Statistica Sinica*. **35**, 1–23.
12. C. E. Lee, **X. Zhang**, and L. Li (2025) Mean Dimension Reduction and Testing for Nonparametric Tensor Response Regression. *Statistica Sinica*. **35**, 1–19.
13. Park, S., Zhou, R., **Zhang, X.**, Li, L., and Liu, L. (2024) Tensor landmark analysis with application to ADNI data. *Stat.* **13** (4) e70014.
14. C. E. Lee and **X. Zhang**, (2024) Conditional Mean Dimension Reduction for Tensor Time Series. *Computational Statistics and Data Analysis*. **199**: 107998.
15. K. Deng, **X. Zhang** and A. J. Molstad. (2024) Multi-response Linear Discriminant Analysis in High Dimensions. *Journal of Machine Learning Research*. **25** (413): 1–66.

16. Wang, N., Deng, K., Mai, Q., and **Zhang, X.** (2024) Leveraging Independence in High-dimensional Mixed Linear Regression. *Biometrics*. **80** (3): ujae103.
17. Wang, N., **Zhang, X.** and Mai, Q. (2024) Statistical Analysis for a Penalized EM Algorithm in High-dimensional Mixture Linear Regression Model. *Journal of Machine Learning Research*. **25** (222): 1–85
18. J. Zeng, Q. Mai and **Zhang, X.** (2024), Subspace Estimation with Automatic Dimension and Variable Selection in Sufficient Dimension Reduction. *Journal of the American Statistical Association (Theory & Methods)*. **119**, 343–355.
19. Yu, J., Kong, Z., Chen, K., **Zhang, X.**, Chen, Y., and He, L. (2024) A Multilinear Least-Squares Formulation for Sparse Tensor Canonical Correlation Analysis. *Transactions on Machine Learning Research*.
20. † N. Wang, W. Wang and **Zhang, X.** (2024) Parsimonious Tensor Discriminant Analysis. *Statistica Sinica*. **34**, 157–180.
21. Wang, N. and **Zhang, X.** (2024) Robust and Covariance-assisted Tensor Response Regression. *Statistics and Its Interface*. **17**, 291–303.  
[[Invited article for a special issue on “statistical learning of tensor data”]]
22. **Zhang, X.**, Deng, K. and Mai, Q. (2023) Envelopes and principal component regression. *Electronic Journal of Statistics*. **17** (2), 2447 – 2484.
23. † L. Li, J. Zeng, and **Zhang, X.** (2023) Generalized Liquid Association Analysis for Multimodal Data Integration. *Journal of the American Statistical Association (Theory & Methods)*. **118**, 1984 – 1996.
24. Lee, I., Sinha, D., Mai, Q., **Zhang, X.** and Bandyopadhyay, D. (2023) Bayesian Regression Analysis of Skewed Tensor Responses. *Biometrics*. **79**, 1814 – 1825.
25. Zeng, J., **Zhang, X.** and Mai, Q. (2023) An efficient convex formulation for reduced-rank linear discriminant analysis in high dimensions. *Statistica Sinica*. **33**, 1249 – 1270.
26. † McKeague, I. W. and **Zhang, X.** (2022) Significance testing for canonical correlation analysis in high dimensions. *Biometrika*. **109** (4), 1067–1083.
27. Q. Mai, **Zhang, X.**, Y. Pan and K. Deng. (2022) A Doubly-Enhanced EM Algorithm for Model-Based Tensor Clustering. *Journal of the American Statistical Association (Theory & Methods)*. **117** (540), 2120–2134.
28. K. Deng and **Zhang, X.** (2022) Tensor Envelope Mixture Model For Simultaneous Clustering and Multiway Dimension Reduction. *Biometrics*. **78** (3), 1067–1079.
29. J. D. Loyal, R. Zhu, Y. Cui and **X. Zhang** (2022), Dimension Reduction Forests: Local Variable Importance using Structured Random Forests. *Journal of Computational and Graphical Statistics*. **31** (4), 1104–1113.
30. K. Min, Q. Mai and **Zhang, X.** (2022) Fast and Separable Estimation in High-dimensional Tensor Gaussian Graphical Models. *Journal of Computational and Graphical Statistics*. **31** (1), 294–300.
31. Wang, N., **Zhang, X.** and Li, B. (2022) Likelihood-based Dimension Folding for Tensor Data. *Statistica Sinica*. **32**, 2405–2429.

32. J. Zeng<sup>✉</sup>, W. Wang and **Zhang, X.** (2021) TRES: An R Package for Tensor Regression and Envelope Algorithms. *Journal of Statistical Software*, **99** (12), 1–31.
33. Y. Pan<sup>✉</sup>, Q. Mai and **Zhang, X.** (2020) TULIP: a toolbox for linear discriminant analysis with penalties. *The R Journal*, **12** (2), 61–81.
34. **Zhang, X.**, Lee, C. E. and Shao, X.<sup>✉</sup> (2020) “Envelopes in Multivariate Regression Models with Nonlinearity and Heteroscedasticity”. *Biometrika*, **107**, 965–981.
35. **Zhang, X.**, Mai, Q. and Zou, H.<sup>✉</sup> (2020) , “The Maximum Separation Subspace in Sufficient Dimension Reduction with Categorical Response”. *Journal of Machine Learning Research*. **21** (29), 1–36. *[[An earlier version received the New Research Award (at the 11th ICSA International Conference)]]*
36. Wang, W., **Zhang, X.**<sup>✉</sup> and Mai, Q. (2020), “Model-based Clustering with Envelopes”. *Electronic Journal of Statistics*, **14**, 82–109.
37. Wang, W., **Zhang, X.** and Li, L.<sup>✉</sup> (2019), “Common Reducing Subspace Model and Network Alternation Analysis”. *Biometrics*, **75**, 1109–1120.
38. Pan, Y., Mai, Q. and **Zhang, X.**<sup>✉</sup> (2019), “Covariate-Adjusted Tensor Classification in High-dimensions”. *Journal of the American Statistical Association (Theory & Methods)*, **114**, 1305–1319.
39. Zhu, R.<sup>✉</sup>, Zhang, J., Zhao, R., Xu, P., Zhou, W., and **Zhang, X.** (2019), “orthoDr: semiparametric dimension reduction via orthogonality constrained optimization”. *The R Journal*. **11** (2), 24–37.
40. Mai, Q.<sup>✉</sup> and **Zhang, X.** (2019), “An Iterative Penalized Least Squares Approach to Sparse Canonical Correlation Analysis”. *Biometrics*, **75**, 734–744.
41. **Zhang, X.**<sup>✉</sup> and Mai, Q. (2019), “Efficient integration of sufficient dimension reduction and prediction in discriminant analysis”. *Technometrics*, **61**, 259–272. *[[An earlier version received the Junior Researcher Paper Award (at the ICSA–China Conference)]]*
42. **Zhang, X.**<sup>✉</sup> and Mai, Q. (2018), “Model-free Envelope Dimension Selection”. *Electronic Journal of Statistics*, **12**, 2193–2216.
43. † Cook, R. D. and **Zhang, X.**<sup>✉</sup> (2018), “Fast Envelope Algorithms”, *Statistica Sinica*, **28**, 1179–1197.
44. **Zhang, X.**<sup>✉</sup>, Wang, C. and Wu, Y. (2018), “Functional Envelope for Model-free Sufficient Dimension Reduction”, *Journal of Multivariate Analysis*, **163**, 37–50.
45. **Zhang, X.** and Li, L.<sup>✉</sup> (2017), “Tensor Envelope Partial Least Squares Regression”, *Technometrics*, **59**, 426–436.
46. † Li, L., and **Zhang, X.**<sup>✉</sup> (2017), “Parsimonious Tensor Response Regression”, *Journal of the American Statistical Association (Theory & Methods)*, **112**, 1131–46.
47. † Cook, R. D., and **Zhang, X.**<sup>✉</sup> (2016), “Algorithms for envelope estimation”, *Journal of Computational and Graphical Statistics*, **25**, 284–300.
48. † Cook, R. D., and **Zhang, X.**<sup>✉</sup> (2015), “Foundations for Envelope Models and Methods”, *Journal of the American Statistical Association (Theory & Methods)*, **110**, 599–611.

49. † Cook, R. D., Forzani, L. and **Zhang, X.** (2015), “Envelopes and reduced-rank regression”, *Biometrika*, **102**, 439–456.
50. † Cook, R. D. and **Zhang, X.** (2015), “Simultaneous envelopes for multivariate linear regression” *Technometrics*, **57**, 11–25.
51. † Cook, R. D. and **Zhang, X.** (2014), “Fused estimators of the central subspace in sufficient dimension reduction”, *Journal of the American Statistical Association (Theory & Methods)*, **109**, 815–827.
52. **Zhang, X.** (2013), New developments for net-effect plots, *Wiley Interdisciplinary Reviews: Computational Statistics*, **5**, 105–113.

### Peer-reviewed Conference Proceedings

53. Yan, L., **Zhang, X.**, and Mai, Q. (2025), Heterogeneous Sufficient Dimension Reduction and Subspace Clustering. *Forty-second International Conference on Machine Learning (ICML 2025)*.

### Invited Book Chapter

54. Zeng, J. and **Zhang, X.** (2024), Multimodal and Tensor Data Analysis, *Multimodal Data Analytics for Industrial Systems Improvement*, Springer.
55. Mai, Q. and **Zhang, X.** (2023), Statistical methods for tensor data analysis, *Springer Handbook of Engineering Statistics, 2nd Edition*, Springer.

### Invited Discussion

56. **Zhang, X.** (2020), Discussion on “Review of sparse sufficient dimension reduction”. *Statistical Theory and Related Fields*, **4**, 146 – 148.

### Invited Talks (upcoming talks are marked by “\*”)

#### • Invited Talks at FSU

“Parsimonious Modeling with Envelopes”

– Department of Scientific Computing Colloquium March 2020

Multiple talks on various topics

– Department of Statistics Colloquium 2014–present

#### • Invited Seminar/Colloquium talks at other Universities (50–60 minutes)

“Tensor Modeling in Categorical Data Analysis and Association Studies”

– Department of Stat. Sciences and Operations Research, Virginia Commonwealth U., April 2023

– Department of BioStat. & Bioinformatics, Emory U., March 2023

– Center for Statistical Science, Tsinghua U., February 2023

– Mathematics and Statistics Colloquium, Washington U. in St. Louis, December 2021

– Mathematical Sciences Seminar, Bentley U., November 2021

– Statistics and Data Science Colloquium, U. of Arizona, November 2021

“Subspace Estimation with Dimension and Variable Selection in Sufficient Dimension Reduction”

– Center for Statistical Science, Tsinghua U., October 2022

“Tensor *t*-distribution and tensor response regression”

– Department of Statistics Seminar, U. of Florida, October 2022

- “Efficient and Parsimonious Modeling with Tensor Envelopes”*
- School of Mathematical and Statistical Sciences Colloquium, Southern Illinois U., April 2022
  - Department of Mathematics Colloquium, U. of Arizona, January 2022
- “Canonical correlation analysis (CCA) in high dimensions”*
- School of Statistics, Renmin University of China, October 2021
  - Department of Statistics and Actuarial Science, U. Iowa, November 2020
- “Parsimonious Modeling with Envelopes: From Multivariate to Multidimensional”*
- Department of Math, Stat, and Comp Sci, UIC, Chicago, IL, March 2020
  - Department of Statistics, Purdue U., West Lafayette, IN, January 2020
  - Department of ACMS, U. of Notre Dame, South Bend, IN, December 2019
  - School of Management Science, USTC, Hefei, China, December 2019
  - Department of Statistics and Data Science, SUSTech, Shenzhen, China, December 2019
- “An Iterative Penalized Least Squares Approach to Sparse Canonical Correlation Analysis”*
- Department of BioStat., Columbia U., New York City, NY, February 2019
  - College of Mathematics & Information Science, Guangxi U., Nanning, China, July 2018
- “Covariate-adjusted tensor classification in high-dimensions”*
- Department of Statistics, Iowa State U., Ames IA, January 2019
  - Department of Statistics, Penn State U., State College, PA, February 2018
  - Department of Statistics, Purdue U., West Lafayette, IN, September 2017
- “Tensor Envelopes: new approaches for regression and classification with tensor data”*
- Department of Business Analytics & Stat., U. of Tenn., Knoxville, TN, October 2018
- “Tensor regression and classification in high-dimensions”*
- Department of BioStat. & Epidemiology, UC Berkeley, Berkeley CA, November 2017
  - Department of BioStat. & Bioinformatics, Emory U., Atlanta, GA, November 2017
  - School of Statistics, U. of Minnesota, Minneapolis, MN, September 2017
- “The Maximum Separation Subspace (MASES) in Sufficient Dimension Reduction with Categorical Response”*
- Department of Statistics, UIUC, Urbana-Champaign, IL, April 2017
- “Envelopes and tensor response regression”*
- Department of Statistics, U. of Kentucky, Lexington, KY, February 2015
- “Foundation for envelope models and methods”*
- Department of Statistics, U. of Florida, Gainesville, FL, October 2014

• **Invited Talks at Conference/Symposium/Workshop (usually 20–30 minutes)**

- MCP-25: International Conference on Multiple Comparison Procedures August 2025
- NSF@75: Advancing Statistical Science for a Data-Driven World July 2025
- Workshop on Biostatistics and Bioinformatics May 2025
- IMS International Conference on Statistical Data Science, December 2024
- ASA Florida Chapter Meeting, March 2023
- ENAR 2023, March 2023
- JSM 2022 (invited session), August 2022
- ICSA 2022, June 2022

|                                                         |                                |
|---------------------------------------------------------|--------------------------------|
| – EcoSta 2022 (organized invited session),              | June 2022                      |
| – NESS 2022,                                            | May 2022                       |
| – JSM 2021 (topic contributed session),                 | August 2021                    |
| – EcoSta 2021 (organized invited session),              | June 2021                      |
| – SMI (Statistical Methods in Imaging) 2021,            | May 2021                       |
| – ICSA 2020,                                            | December 2020                  |
| – INFORMS 2020,                                         | November 2020                  |
| – JSM 2020 (invited session),                           | August 2020                    |
| – ICSA 2019 International Conference,                   | Hangzhou, China, December 2019 |
| – JSM 2019,                                             | Denver, CO, August 2019        |
| – SRCOS (Southern Regional Council On Statistics) 2019, | Carrolton, KY, June 2019       |
| – Cook’s Distance and Beyond,                           | Minneapolis, MN, March 2019    |
| – Big Data and Information Analytics 2018,              | Houston, TX, December 2018     |
| – ICSA-China 2018,                                      | Qingdao, China, July 2018      |
| – ICSA 2018 Applied Statistics Symposium,               | New Brunswick, NJ, June 2018   |
| – Statistical Learning Data Science 2018,               | New York City, NY, June 2018   |
| – ENAR 2018,                                            | Atlanta, GA, March 2018        |
| – CFE-CMStatistics 2017,                                | London, UK, December 2017      |
| – BDBMS (Big Data in BioMedical Sciences) 2017,         | Xi’an, China, June 2017        |
| – IMS-China 2017,                                       | Nanning, China, June 2017      |
| – ICSA 2017 Applied Statistics Symposium,               | Chicago, IL, June 2017         |
| – CFE-CMStatistics 2016,                                | Seville, Spain, December 2016  |
| – IBS-China 2016,                                       | Shanghai, China, July 2016     |
| – IMS-APRM 2016,                                        | Hong Kong, China, June 2016    |
| – ICSA 2016 Applied Statistics Symposium,               | Atlanta, GA, June 2016         |
| – Statistical Learning Data Science 2016,               | Chapel Hill, NC, June 2016     |
| – IASC-ARS 2015,                                        | Singapore, December 2015       |
| – IMS-China 2015,                                       | Kunming, China, July 2015      |
| – ICSA/KISS joint statistical meetings,                 | Portland, OR, June 2014        |

### Doctoral Students

1. Yuqing Pan (PhD 2019 Spring; co-advised with Dr. Qing Mai)  
Dissertation: “High-dimensional statistical methods for tensor data and efficient algorithms”  
**Ralph A. Bradley Award** for the best PhD dissertation in the department (2018–2019)  
First job: Data and Applied Scientist at Microsoft
2. Wenjing Wang (PhD 2019 Spring; co-advised with Dr. Minjing Tao)  
Dissertation: “Envelopes, subspace learning and applications”  
First job: Data and Applied Scientist at Microsoft
3. Ning Wang (PhD 2022 Spring)  
Dissertation: “Dimension Reduction and Regression for Tensor Data and Mixture Models”  
First job: Tenure-track Assistant Professor, Beijing Normal University, Zhuhai, China

4. Jing Zeng (PhD 2022 Spring; co-advised with Dr. Qing Mai)  
 “High-dimensional Methods for Dimension Reduction, Discriminant Analysis, and Tensor Data”  
**Ralph A. Bradley Award** for the best PhD dissertation in the department (2021–2022)  
 First job: Tenure-track Associate Professor, University of Science and Technology of China, Hefei
5. Kai Deng (PhD 2023 Spring)  
 “Topics on Mixture models and discriminant analysis”  
**Ralph A. Bradley Award** for the best PhD dissertation in the department (2022–2023)  
 First job: Data and Applied Scientist at Microsoft
6. Sung Hee Park (PhD 2023 Summer)  
 Subspace Learning Approaches to Association Analysis for Multi-modal Data  
 First job: Postdoc Research Fellow, School of Medicine, Washington University in St. Louis
7. Lei Yan (PhD 2026 Spring)  
 “Statistical Learning With Complex Response Structures”  
 The inaugural **Dean’s Award for Doctoral Excellence** for meritorious performance from doctoral students in the later phases of their program
- \* Current students: Jiping Wang (6th year PhD student); Taniya Sarkar (5th year PhD student; **Dean’s Award for Doctoral Excellence**); Haochen Lei (co-advise with Dr. Hongyuan Cao; 5th year PhD student); Yunhui Liu (4th year PhD student)
- \* **Doctoral Committee Member** for  
 Vladimir Geneus (Statistics Ph.D. 2017, Adviser: Dr. E. Chicken); Junxian Geng (Statistics Ph.D. 2017, Adviser: Dr. E. Slate); Linlin Sha (Statistics Ph.D. 2020, Adviser: Dr. J. Zhang); Inkoo Lee (Statistics Ph.D. 2021, Adviser: D. Sinha); Fahad Al Amer (Statistics Ph.D. 2021, Adviser: L. Lin); Jiang Ding (Statistics Ph.D. 2021, Adviser: A. Linero); Yuxi Zhao (Statistics Ph.D. 2022, Adviser: E. Slate); Hongyu Wu (Statistics Ph.D. 2022, Adviser: J. Bradley); Yue Mu (Statistics Ph.D. 2024, Adviser: W. Wu); Shijie Zhou (Statistics Ph.D. 2024, Adviser: J. Bradley); Jiaheng Li (Statistics Ph.D. 2025, Adviser: J. Stewart); Rittwika Kansabanik (Statistics Ph.D. 2025, Adviser: A. Barbu); Musab Alamoudi (Statistics Ph.D. student, Adviser: V. Patrangenaru); Yanliang Chen (Statistics Ph.D. student, Adviser: A. Srivastava); Shubham Dhumal (Statistics Ph.D. student, Adviser: Jonathan Stewart); Hansong Zhou (Computer Science Ph.D. candidate, Adviser: Xiaonan Zhang); Brayton Link (Mathematics Ph.D. student, Adviser: Qi Feng); Renjie Shao (Mathematics Ph.D. student, Adviser: Qi Feng)

## Professional Service

- **President** (2025–2027), **Vice President** (2023–2025), **Representative to the Council of Chapters** (2021–2023), Florida Chapter of the American Statistical Association (FLASA)
- **Ad hoc proposal reviewer**, National Science Foundation (2021)
- **Proposal review panelist**, National Science Foundation (2022)
- **Promotion & Tenure External Reviewer**, two cases (a private university and a public R1 university) of promotion from Assistant to Associate Professor with tenure in 2024; one case (a public R1 university) of promotion from Assistant to Associate Professor with tenure in 2025.
- **Student (Paper/Poster) Award Committee/Judges/Reviewer**, Southern Regional Council on Statistics (SRCOS) summer research conference 2019; Joint Statistical Meetings 2020, Section on Statistical Learning and Data Science; Statistical Methods in Imaging Conference 2023; Florida Chapter of the American Statistical Association (FLASA) annual meeting 2023.
- **Archive Committee** (2021–2023), International Chinese Statistical Association
- **Member, Scientific Program Committee**, 2025 ICSA-China conference, Zhuhai, China
- **Chair, Organizing Committee**, 2024 ASA Annual Florida Chapter Meeting, Tallahassee, FL.

- **Co-Chair, Program Committee**, Theory and Foundations of Statistics in the Era of Big Data 2024 Conference, Tallahassee, FL.
- **Member, Scientific Program Committee**, 2023 ICSA Applied Statistics Symposium, Ann Arbor, Michigan
- **Member, Scientific Program Committee**, 2019 CFE-CMStatistics international conference, London, UK
- **Conference Session Organizer** for
  - “Recent Advances in Dimension Reduction Methods”  
**Invited session, ICSA-China 2025**, Zhuhai, China
  - “Multiview and Tensor Data Analysis”  
**Invited session, ICSA-China 2025**, Zhuhai, China
  - “Dimension reduction and latent structural learning”  
**Invited session, ICSA 2023**, Ann Arbor, MI
  - “Multivariate Statistics: Multiview, Multilayer, and Multidimensional Data Analysis”  
**Invited session, ICSA 2023**, Ann Arbor, MI
  - “Discriminant and cluster analysis for complex data”  
**Invited session, ICSA 2022**, Gainesville, FL
  - “Modern Multivariate Analysis”  
Organized Invited session, CFE-CMStatistics 2020, London, UK
  - “Multivariate High-dimensional Statistical Learning”  
Organized Invited session, CFE-CMStatistics 2019, London, UK
  - “Statistical analysis of tensor data”  
**Invited session, JSM 2019**, Denver, CO
  - “Advancing the statistical analysis of neuroimaging data ”  
**Invited session, JSM 2019**, Denver, CO
  - “Dimension Reduction and High-dimensional Data Analysis”  
Organized Invited session, CFE-CMStatistics 2018 Pisa, Italy
  - “High-dimensional Tensor Data Analysis”  
**Invited session, SLDS 2018**, New York
  - “Sufficient Dimension Reduction and Inverse Regression”  
Organized Invited session, CFE-CMStatistics 2017 London, UK
  - “New Approaches in Dimension Reduction for Modern Data Applications”  
**Invited session, ICSA 2016**, Atlanta
  - “Computing, Selection and Reduction in High-dimensional Statistical Methods”  
**Invited session, IASC-ARS 2015**, Singapore
- **Service at FSU**
  1. University Committees: Undergraduate Policy Committee (2023–2026)
  2. Department of Statistics Committees: Departmental AI Advisor (2026–2027); Committee on AI in Statistics Education (founder & chair, 2026–2027) Faculty Recruiting Committee (2024–2027); Faculty Evaluation and Salary Increase Committee (2023–2027); Chair Selection Committee (2025–2026); Promotion and Tenure Committee (2025–2026); Executive Committee (2024–2026); Graduate Admission Committee (2015–2016, 2017–2027, committee chair in 2023–2027)
  3. Miscellaneous: Acting Department Chair (a few days in Jan.–Feb. 2025 and two weeks in July–Aug. 2025); Colloquium Organizer and Chair (2016–2017); Fall Picnic Organizer (organized the annual fall picnic and BBQ for graduate students and faculty in 2014); Dirac Library Liaison (2014–2015)