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### Academic Positions

- 7/2023 - Present Department Chair, Data Sciences and Operations Department, Marshall School of Business  
 University of Southern California, Los Angeles, CA
- 2/2019 - Present Kenneth King Stonier Chair in Business Administration, Data Sciences and Operations Department, Marshall School of Business  
 University of Southern California, Los Angeles, CA
- 11/2018 - Present Professor, Data Sciences and Operations Department, Marshall School of Business  
 University of Southern California, Los Angeles, CA
- 11/2018 - Present Professor, Department of Mathematics, Dornsife College of Letters, Arts and Sciences  
 University of Southern California, Los Angeles, CA
- 4/2015 - Present Associate Fellow, USC Dornsife Institute for New Economic Thinking (INET)  
 University of Southern California, Los Angeles, CA
- 8/2016 - Present Board Member, USC Machine Learning Center  
 University of Southern California, Los Angeles, CA
- 4/2016 - 2/2019 McAlister Associate Professor in Business Administration, Data Sciences and Operations Department, Marshall School of Business  
 University of Southern California, Los Angeles, CA
- 3/2017 - 11/2018 Associate Professor, Department of Mathematics, Dornsife College of Letters, Arts and Sciences  
 University of Southern California, Los Angeles, CA
- 3/2014 - 11/2018 Associate Professor, Data Sciences and Operations Department, Marshall School of Business  
 University of Southern California, Los Angeles, CA
- 8/2015 - 1/2016 Visiting Scholar, Department of Statistics  
 Stanford University, Stanford, CA
- 8/2015 - 12/2015 Visiting Scholar, Department of Statistics  
 University of California, Berkeley, Berkeley, CA
- 7/2007 - 3/2014 Assistant Professor, Data Sciences and Operations Department, Marshall School of Business  
 University of Southern California, Los Angeles, CA

### Education

- 9/2003 - 6/2007 Ph.D. in Mathematics  
 Princeton University, Princeton, NJ
- 9/2001 - 7/2003 M.S. in Mathematics  
 University of Science and Technology of China, China
- 9/1997 - 7/2001 B.S. in Mathematics  
 University of Science and Technology of China, China

## Honors, Awards and Grants

2022 - 2026	NSF Emerging Frontiers (EF) Grant EF-2125142, Co-PI
2020	Fellow of American Statistical Association (ASA)
2020 - 2023	NSF Grant DMS-1953356, Co-PI
2019	Kenneth King Stonier Chair in Business Administration
2019	Fellow of Institute of Mathematical Statistics (IMS)
2019 - Present	USC UCAPT Committee, the University Committee on Appointments, Promotions, and Tenure
2018	Marshall Institute for Outlier Research in Business (iORB) Conferences & Workshops Funding, “ <i>Inaugural</i> Business Research Applications Needing Data Science (BRANDS) Workshop,” Co-Lead Organizer
2017	2017 Dean’s Award for Research Impact
2017 - 2018	Adobe Data Science Research Award, Co-PI
2017 - 2018	2017 Zumberge Individual Mentor Award from USC
2017 - 2018	Lord Foundation Grant, Co-PI
2016	McAlister Associate Professor in Business Administration
2016 - 2017	Marshall Outlier Research Grant, PI
2016 - 2020	Simons Foundation Collaboration Grant for Mathematicians, PI
2015	The Royal Statistical Society (RSS) Guy Medal in Bronze
2011	Annual Review of Economics Invited Review Article
2010 - 2015	National Science Foundation (NSF) Faculty Early Career Development (CAREER) Award DMS-0955316, PI
2010	Statistica Sinica Invited Review Article
2009	2009 Dean’s Award for Research Excellence
2009	Invited Talk in a Distinguished Lecture Session on High-Dimensional Data Analysis at the 2009 Institute of Mathematical Statistics Asia Pacific Rim Meetings
2008	Journal of the Royal Statistical Society Series B Discussion Paper
2008 - 2011	NSF Grant DMS-0806030, PI
2008 - 2009	2008 Zumberge Individual Award from USC’s James H. Zumberge Faculty Research and Innovation Fund, PI
2008 - Present	Associate Editors of <i>Journal of the American Statistical Association</i> (2023 - Present), <i>Journal of Business &amp; Economic Statistics</i> (2018 - Present), <i>The Annals of Statistics</i> (2013 - 2018), and <i>Statistica Sinica</i> (2008 - 2016)
2007 - Present	USC Marshall Summer Research Funding
Fall 2006	Graduate Fellow at Statistical and Applied Mathematical Sciences Institute (SAMSI)
2003 - 2004	Princeton University Fellowship
2002	Huawei Scholarship
2001	Shing-Tung Yau Scholarship
2001	Meritorious Award in 2001 Interdisciplinary Contest in Modeling

2000	First Prize in 2000 China Mathematical Contest in Modeling
1997 - 2001	USTC Excellent Student Scholarship

### Research Interests

- Statistics
- Data Science
- Machine Learning
- AI and Business Applications

### Five Representative Publications

1. Fan, J., Fan, Y., Han, X. and Lv, J. (2022). SIMPLE: statistical inference on membership profiles in large networks. *Journal of the Royal Statistical Society Series B* **84**, 630–653. [Link]
2. Fan, Y., Demirkaya, E. and Lv, J. (2019). Nonuniformity of p-values can occur early in diverging dimensions. *Journal of Machine Learning Research* **20**, 1–33. [Link]
3. Fan, Y. and Lv, J. (2016). Innovated scalable efficient estimation in ultra-large Gaussian graphical models. *The Annals of Statistics* **44**, 2098–2126. [Link]
4. Lv, J. (2013). Impacts of high dimensionality in finite samples. *The Annals of Statistics* **41**, 2236–2262. [Link]
5. Fan, J. and Lv, J. (2008). Sure independence screening for ultrahigh dimensional feature space (with discussion). *Journal of the Royal Statistical Society Series B* **70**, 849–911. [Link]

### Professional Memberships

- American Association for the Advancement of Science
- American Statistical Association
- Institute for Operations Research and the Management Sciences
- Institute of Mathematical Statistics
- International Chinese Statistical Association
- Royal Statistical Society