

YUNXIAO CHEN: CURRICULUM VITAE

Address

Columbia House, Room 5.16
Houghton Street, London, WC2A 2AE

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Website: <http://stats.lse.ac.uk/cheny185/>

Education

05/2016 Columbia University, New York, NY, USA Ph.D. in Statistics
Advisors: Zhiliang Ying and Jingchen Liu
07/2011 Fudan University, Shanghai, China B.S. in Mathematics

Employment History

08/01/2023 - : Associate Professor (with tenure), Department of Statistics, London School of Economics and Political Science, London, UK
09/03/2018 - 07/31/2023: Assistant Professor (tenure-track), Department of Statistics, London School of Economics and Political Science, London, UK
07/13/2021 - : Affiliated member, Data Science Institute, London School of Economics and Political Science, London, UK
10/01/2018 - : Adjunct Professor, Department of Psychology, Emory University, Atlanta, GA, USA
08/24/2016 - 08/24/2018: Assistant Professor (tenure-track), Department of Psychology, Emory University, Atlanta, GA, USA
08/24/2016 - 08/24/2018: Assistant Professor, Institute for Quantitative Theory and Methods, Emory University, Atlanta, GA, USA
06/01/2014 - 07/25/2014: Intern (supervised by Dr. Matthias von Davier), Educational Testing Service, Princeton, NJ, USA

Primary Research Interests

Statistical analysis and computational algorithms for large-scale item response data

Statistical modeling and computational algorithms for dynamic behavioral data

Sequential design of dynamic systems, with applications to educational assessment and learning

Awards/Honors

2022 Psychometrics Society Early Career Award

2020 AERA Outstanding Reviewer Award

NCME Brenda H. Lloyd Dissertation Award, National Council on Measurement in Education, 2018

Pearson Travel Award of 80th Annual Meeting of the Psychometric Society, July, 2015

Minghui Yu Teaching Assistant Award, Department of Statistics, Columbia University, 2014

Funding

IEA (International Association for the Evaluation of Educational Achievement) Research and Development Funds, 2022-2023

National Academy of Education/Spencer Postdoctoral Fellowship, 2018-2020

Published Articles

1. **Chen, Y.**, Liu, J., and Ying, Z. (2015). Online Item Calibration for Q -matrix in CD-CAT. *Applied Psychological Measurement*, 39, 5-15.
2. **Chen, Y.**, Xu, G., Liu, J., and Ying, Z. (2015). Statistical Analysis of Q -matrix Based Diagnostic Classification Models. *Journal of the American Statistical Association*, 110, 850-866.
3. Sun, J., **Chen, Y.**, Liu, J., Ying, Z. and Tao, X. (2016). Latent Variable Selection for Multidimensional Item Response Theory Models via L_1 Regularization. *Psychometrika*, 81, 921-939.
4. **Chen, Y.**, Li, X., Liu, J. and Ying, Z. (2016). Regularized Latent Class Analysis with Application in Cognitive Diagnosis. *Psychometrika*, 82, 660-692.
5. **Chen, Y.**, Li, X., Liu, J., Xu, G. and Ying, Z. (2017). Exploratory Item Classification via Spectral Graph Clustering. *Applied Psychological Measurement*. 41, 579-599.

6. **Chen, Y.**, Li, X., Liu, J., and Ying, Z. (2018). Recommendation System for Adaptive Learning. *Applied Psychological Measurement*. 42, 24-41.
7. **Chen, Y.** and Chang, H-H. (2017). Psychometrics Help Learning: From Assessment to Learning (preface of special issue "Psychometrics Help Learning"). *Applied Psychological Measurement*. 42, 3-4.
8. Xu, H., Fang, G., **Chen, Y.**, Liu, J., Ying, Z. (2018). Latent Class Analysis of Recurrent Events in Problem-Solving Items. *Applied Psychological Measurement*. 42, 478-498.
9. **Chen, Y.**, Li, X., Liu, J., and Ying, Z. (2018). Robust Measurement via A Fused Latent and Graphical Item Response Theory Model. *Psychometrika*. 38, 538-562.
10. **Chen, Y.**, Liu, Y., Xu, S. (2018). Mutual Information Reliability for Latent Class Analysis. *Applied Psychological Measurement*. 46, 460-477.
11. **Chen, Y.**, Li, X., and Zhang, S. (2019). Joint Maximum Likelihood Estimation for High-dimensional Exploratory Item Response Analysis. *Psychometrika*. 84, 124-146.
12. Tang, X., **Chen, Y.**, Li, X., Liu, J. and Ying, Z. (2019). A Reinforcement Learning Approach to Personalized Learning Recommendation System. *British Journal of Mathematical and Statistical Psychology*. 72, 108-135.
13. **Chen, Y.**, Li, X., Liu, J. and Ying, Z. (2019). Statistical Analysis of Complex Problem-solving Process Data: From Prediction Perspective. *Frontiers in Psychology*. 10, 1-10.
14. **Chen, Y.** and Li, X. (2019). Exploratory Data Analysis for Cognitive Diagnosis: Stochastic Co-Blockmodel and Spectral Co-Clustering. In von Davier, M. and Lee, Y.-S., editors, *Handbook of Diagnostic Classification Models*. Springer, New York, NY.
15. Ayzenberg, S., **Chen, Y.**, Yousif, S.R. Lourenco, S.F. (2019) Skeletal Representations in Human Vision: Evidence for a Pruned Medial Axis of Shape. *Journal of Vision*. 19, 1-21.
16. Zhang, S., **Chen, Y.** and Liu, Y. (2020). An Improved Stochastic EM Algorithm for Large-Scale Full-information Item Factor Analysis. *British Journal of Mathematical and Statistical Psychology*. 73, 44-71.
17. **Chen, Y.** and Zhang, S. (2020). A Latent Gaussian Process Model for Analyzing Intensive Longitudinal Data. *British Journal of Mathematical and Statistical Psychology*. 73, 237-260.
18. Zhang, H., **Chen, Y.** and Li, X. (2020). A Note on Exploratory Item Factor Analysis by Singular Value Decomposition. *Psychometrika*. 85, 358-372.

19. **Chen, Y.**, Li, X., and Zhang, S. (2020). Structured Latent Factor Analysis for Large-scale Data: Identifiability, Estimability, and Their Implications. *Journal of the American Statistical Association*. 115, 1756-1770.
20. Li, X., **Chen, Y.**, Chen, X., Liu, J. and Ying, Z. (2021). Optimal Stopping and Worker Selection in Crowdsourcing: An Adaptive Sequential Probability Ratio Test Framework. *Statistica Sinica*. 31, 519-546.
21. **Chen, Y.**, Zhang, H., and Moustaki, I. (2020). A Note on Likelihood Ratio Tests for Models with Latent Variables. *Psychometrika*. 85, 996-1012.
22. **Chen, Y.** (2020). A Continuous-Time Dynamic Choice Measurement Model for Problem-Solving Process Data. *Psychometrika*. 85, 1052 - 1075.
23. **Chen, Y.**, Ying, Z. and Zhang, H. (2021). Unfolding-Model-Based Visualization: Theory, Method and Applications. *Journal of Machine Learning Research*. 22, 1-51.
24. **Chen, Y.** and Zhang, S. (2021). Estimation Methods for Item Factor Analysis: An Overview. In Zhao, Y. and Chen, D., editor, *Modern Statistical Methods for Health Research*. Springer, New York, NY.
25. Ravipati, K., **Chen, Y.**, and Manns, J. R. (2022) Reassessing Diabetes and APOE Genotype as Potential Interacting Risk Factors for Alzheimer's Disease. *American Journal of Alzheimer's Disease and Other Dementias*. doi:10.1177/15333175211070912
26. **Chen, Y.**, Lu, Y., and Moustaki, I. (2022). Detection of Two-way Outliers in Multivariate Data and Application to Cheating Detection in Educational Tests. *Annals of Applied Statistics*, 16, 1718-1746.
27. **Chen, Y.**, Lee, Y-H, and Li, X. (2022). Item Quality Control in Educational Testing: Change Point Model, Compound Risk, and Sequential Detection. *Journal of Educational and Behavioral Statistics*. 47, 322-352.
28. **Chen, Y.** and Li, X. (2022). Determining the Number of Factors in High-dimensional Generalised Latent Factor Models. *Biometrika*. 109, 769-782.
29. Zhang, S. and **Chen, Y.** (2022). Computation for Latent Variable Model Estimation: A Unified Stochastic Proximal Framework. *Psychometrika*. 87, 1473-1502.
30. Chen, X., **Chen, Y.** and Li, X. (2022). Asymptotically Optimal Sequential Design for Rank Aggregation. *Mathematics of Operations Research*. 47, 2310-2332

31. Lu, Z., **Chen, Y.** and Li, X. (2022). Optimal Parallel Sequential Change Detection under Generalized Performance Measures. *IEEE Transactions on Signal Processing.* 70, 5967-5981.
32. **Chen, Y.**, Moustaki, I. and Zhang, S. (2023). On the Estimation of Structural Equation Models with Latent Variables. In Hoyle, R., editor, *Handbook of Structural Equation Modeling* (2nd edition). Guilford Press, New York, NY.
33. **Chen, Y.** and Li, X. (2023). Compound Online Change-point Detection in Parallel Data Streams. *Statistica Sinica.* 33, 453-474.
34. Liu, X., Wallin, G., **Chen, Y.** and Moustaki, I. (2023). Rotation to Sparse Loadings using L^p Losses and Related Inference Problems. *Psychometrika.* 88, 527–553.
35. **Chen, Y.**, Li, C., Ouyang, J, and Xu, G. (2023). Statistical Inference for Noisy Incomplete 1-Bit Matrix. *Journal of Machine Learning Research.* 24, 1-66.
36. **Chen, Y.**, Li, C., Ouyang, J. and Xu, G. (2023). DIF Statistical Inference without Knowing Anchoring Items. *Psychometrika.* 88, 1097 - 1122.

Papers Accepted

1. **Chen, Y.**, Li, X., Liu, J. and Ying, Z. (2023+). Item Response Theory – A Statistical Framework for Psychological Measurement: Past Developments and Future Directions (with discussions). *Statistical Science.* Accepted.
2. Wallin, G., **Chen, Y.** and Moustaki, I. (2023+). DIF Analysis with Unknown Groups and Anchor Items. *Psychometrik.* Accepted.
3. Xie, Z., **Chen, Y.**, von Davier, M., and Weng, H. (2023+). Variable Selection in Latent Regression IRT Models via Knockoffs: An Application to International Large-scale Assessment in Education. *Journal of the Royal Statistical Society, Series A (Social Statistics).* Accepted.

Papers Submitted

1. **Chen, Y.** and Li, X. (2022). A Generalized Latent Factor Model Approach to Mixed-data Matrix Completion with Entrywise Consistency. Submitted to *Journal of Machine Learning Research.* Under review.

2. Zhang, S. and **Chen, Y.** (2023+). A Note on Ising Network Analysis with Missing Data. Submitted to *Psychometrik*. Under review.
3. Alfonzetti, G., Bellio, R., **Chen, Y.** and Moustaki, I. (2023+). When Composite Likelihood meets Stochastic Approximation. Submitted to *Journal of American Statistical Association*. Under review.
4. Alfonzetti, G., Bellio, R., **Chen, Y.** and Moustaki, I. (2023+). Pairwise Stochastic Approximation for Confirmatory Factor Analysis of Categorical Data. Submitted to *British Journal of Mathematical and Statistical Psychology*. Under review.

Statistical Software

1. R package: lvmcomp (<https://cran.r-project.org/web/packages/lvmcomp/index.html>)
2. R package: mirtjml (<https://cran.r-project.org/web/packages/mirtjml/index.html>)
3. R package: mirtsvd (<https://cran.r-project.org/web/packages/mirtsvd/index.html>)

Talks and Conference Presentations

- 04/2014 Contributed talk, Minghui Yu Memorial Conference, Columbia University, New York, NY, USA
- 07/2014 Contributed talk, 79th Annual Meeting of the Psychometric Society, Madison, WI, USA
- 04/2015 Contributed talk, Minghui Yu Memorial Conference, Columbia University, New York, NY, USA
- 07/2015 Contributed talk, 80th Annual Meeting of the Psychometric Society, Beijing, China
- 03/2016 Invited talk, Conference on Statistical Network and High-Dimensional Data Analysis, Shanghai, China
- 07/2016 Invited talk, 81st Annual Meeting of the Psychometric Society, Asheville, NC, USA
- 08/2016 Invited talk, Fourth Conference on the Statistical Methods in Psychometrics, Columbia University, New York, NY, USA
- 10/2016 Contributed talk, Georgia Statistics Day Conference, Atlanta, GA, USA
- 12/2016 Invited talk, Fudan-Guanghua International Forum for Young Scholars, Shanghai, China
- 01/2017 Invited talk, Quantitative Brown Bag Series, School of Psychology, Georgia Tech, Atlanta, GA, USA

- 01/2017 Invited talk, Department of Mathematics and Statistics, Georgia State University, Atlanta, GA, USA
- 03/2017 Invited talk, Collaborative Innovation Center of Assessment toward Basic Education Quality, Beijing Normal University, Beijing, China
- 04/2017 Invited talk, Statistics Seminar, Georgia Tech ISyE, Atlanta, GA, USA
- 04/2017 Invited talk, Biostatistics Workshop - Statistical Inference for Biomedical Big Data, University of Florida, Gainesville, FL, USA
- 04/2017 Contributed talk, 2017 Annual Meeting of the National Council on Measurement in Education (NCME), San Antonio, TX, USA
- 07/2017 Invited talk, 82nd Annual Meeting of the Psychometric Society, Zurich, Switzerland
- 08/2017 Invited talk, 9th Annual Psychology Research Festival, Department of Psychology, Emory University, Atlanta, GA, USA
- 09/2017 Invited colloquium talk, Department of Applied and Computational Mathematics and Statistics, University of Notre Dame, South Bend, IN, USA
- 10/2017 Invited talk, Quantitative Brown Bag Series, School of Psychology, Georgia Tech, Atlanta, GA, USA
- 04/2018 Invited talk, 2018 Annual Meeting of the National Council on Measurement in Education (NCME), New York, NY, USA
- 05/2018 Invited talk, The 6th Workshop on Biostatistics and Bioinformatics, Georgia State University, Atlanta, GA, USA
- 07/2018 Contributed talk, 83th Annual Meeting of the Psychometric Society, New York, NY, USA
- 12/2018 Invited talk, 2018 International Conference on Data Science, Fudan University, Shanghai, China
- 01/2019 Invited seminar talk, the Social and Economic Data Science (SEDS) Seminar, London School of Economics, London, UK
- 05/2019 Invited seminar talk, Bristol Statistics Seminar, University of Bristol, Bristol, UK
- 05/2019 Invited talk, SEDS Annual Summit, London School of Economics, London, UK
- 06/2019 Invited talk, the international workshop on "Machine Learning and Data Science", Columbia University, New York, NY, USA
- 07/2019 Invited talk, 84th Annual Meeting of the Psychometric Society, Santiago, Chile
- 12/2019 Invited talk, 2019 International Conference on Data Science, Fudan University, Shanghai, China

- 12/2019 Invited talk, LSE-SWUFE Joint Statistical Workshop, Southwestern University of Finance and Economics, Chengdu, China
- 12/2019 Invited talk, 11th ICSA International Conference, Zhejiang University, Hangzhou, China
- 02/2020 Invited seminar talk, Southampton Statistical Sciences Research Institute (S3RI) seminar series, University of Southampton, Southampton, UK
- 02/2020 Invited seminar talk, Queen Mary University of London, London, UK
- 10/2020 Invited talk for LSESU Data Science Society, LSE, London, UK
- 10/2020 Invited talk in the Graham Dunn (Virtual) Seminar, the University of Manchester, Manchester, UK
- 12/2020 Invited talk, ICSA 2020 Applied Statistics Symposium (Virtual), Houston, TX, USA
- 07/2021 Invited talk, Forum of Educational Statistics and Measurement, the Chinese Society of Education (Virtual), Beijing, China
- 09/2021 Invited talk, Royal Statistical Society International Conference, Manchester, UK
- 12/2021 Invited talk, Statistics seminar series (Virtual), Department of Mathematical Sciences, Durham University, UK
- 12/2021 Invited talk, SIG seminar series (Virtual), Educational Testing Service, Princeton, NJ, USA
- 03/2022 Invited talk, the University of Illinois at Urbana-Champaign Quantitative Brown-bag Seminar Series (Virtual), the University of Illinois at Urbana-Champaign, Urbana-Champaign, IL, USA
- 07/2022 Keynote talk, 2022 Annual Meeting of the Psychometric Society (IMPS), Bologna, Italy
- 11/2022 Invited talk, CRiSM Seminar, University of Warwick, Coventry, UK
- 12/2022 Invited talk, Statistics Seminar Series (Virtual), East China Normal University, Shanghai, China
- 06/2023 Invited talk, Statistics Seminar Series (Virtual), Hong Kong Polytechnic University, Hongkong, China
- 07/2023 Invited talk, 10th IEA International Research Conference, Dublin, Ireland
- 09/2023 Invited talk, CLAssification and Data Analysis Group (CLADAG) meeting, Salerno, Italy
- 09/2023 Invited talk, Psychometrics workshop, Columbia University, New York, NY

11/2023 Invited talk, Statistics Seminar Series, Institute of Systems Science, Academy of Mathematics and Systems Science

Teaching

2023 Fall	Applied Statistics Project (ST312), LSE
2023 Fall	Statistical Modelling and Data Analysis (ST505), LSE
2023 Spring	Statistical Models and Data Analysis (ST201), LSE
2023 Spring	Multivariate Methods (ST405), LSE
2022 Fall	Applied Statistics Project (ST312), LSE
2022 Fall	Statistical Modelling and Data Analysis (ST505), LSE
2022 Spring	Statistical Models and Data Analysis (ST201), LSE
2022 Spring	Multivariate Methods (ST405), LSE
2021 Fall	Applied Statistics Project (ST312), LSE
2021 Fall	Statistical Modelling and Data Analysis (ST505), LSE
2021 Spring	Statistical Models and Data Analysis (ST201), LSE
2021 Spring	Multivariate Methods (ST405), LSE
2020-2021	Capstone Project (ST498), LSE
2020 Fall	Statistical Modelling and Data Analysis (ST505), LSE
2020 Spring	Multivariate Methods (ST405), LSE
2019-2020	Capstone Project (ST498), LSE
2019 Fall	Statistical Modelling and Data Analysis (ST505), LSE
2019 Summer	Statistical Methods for Multivariate Data in Social Science Research (ME303), LSE
2019 Spring	Multivariate Methods (ST405), LSE
2018 Spring	Generalized Linear Models (QTM385), Emory University
2018 Spring	Advanced Statistical Methods (PSYCH770), Emory University
2017 Fall	Statistical Learning (QTM385), Emory University
2017 Spring	Generalized Linear Models (QTM385), Emory University
2017 Spring	Advanced Statistical Methods (PSYCH770), Emory University
2016 Fall	Statistical Learning (QTM385), Emory University
2013 Summer	Introduction to Statistics (S1111), Columbia University

Ph.D. Students

Sze Ming Lee	Department of Statistics, LSE	Current (co-advising with Prof. Fiona Steele)
Motonori Oka	Department of Statistics, LSE	Current (co-advising with Prof. Irini Moustaki)
Xinyi Liu	Department of Statistics, LSE	Current (co-advising with Prof. Irini Moustaki)
Sahoko Ishida	Department of Statistics, LSE	Current (co-advising with Dr. Wicher P Bergsma)
Camilo Cardenas -Hurtado	Department of Statistics, LSE	Graduated (co-advising with Prof. Irini Moustaki); LSE Fellow
Giuseppe Alfonzetti	Department of Statistical Sciences, University of Padua	Graduated (co-advising with Dr. Ruggero Bellio, and Prof. Irini Moustaki); Postdoc Researcher at University of Udine
Yan Lu	Department of Statistics, LSE	Graduated (co-advising with Prof. Irini Moustaki)

Postdoctoral Researchers

Dr. Gabriel Wallin Department of Statistics, LSE Lecturer at Lancaster University

Ph.D. Examination

Dr. Kaifang Zhou 2023 London School of Economics and Political Science
Dr. Patrick Aschermayr 2023 London School of Economics and Political Science
Dr. Chengcheng Li 2022 University of Michigan

Editorial Work

Guest editor of Journal of Intelligence special issue “Psychometric Methods: Theory and Practice”
Associate editor of British Journal of Mathematical and Statistical Psychology [2022 -]
Associate editor of Psychometrika [2019 -]
Editorial board member of Journal of Educational and Behavioural Statistics [2021 -]
Editorial board member of Applied Psychological Measurement [2017 -]
Guest Editor of Applied Psychological Measurement special issue “Psychometrics Help Learning”
Grant proposal reviewer for the United States National Science Foundation
Grant proposal reviewer for the Research Grants Council of Hong Kong
Screening reviewer and reviewer of Statistica Sinica
Reviewer of Journal of the American Statistical Association
Reviewer of Biometrika
Reviewer of Psychometrika
Reviewer of British Journal of Mathematical and Statistical Psychology

Reviewer of Journal of Educational and Behavioral Statistics
Reviewer of Psychological Methods
Reviewer of Structural Equation Modeling
Reviewer of Stat
Reviewer of Large-scale Assessments in Education
Reviewer of PLOS ONE
Reviewer of BioData Mining
Reviewer of Journal of Intelligence
Reviewer of Multivariate Behavioral Research
Reviewer of Journal of Machine Learning Research
Reviewer of Statistics and Probability Letters
Reviewer of Assessment in Education: Principles, Policy & Practice
Reviewer of Educational Assessment
Reviewer of Journal of Computational and Graphical Statistics
Reviewer of Journal of Statistical Computation and Simulation
Reviewer of Behavior Research Methods
Reviewer of Journal of Business & Economic Statistics
Reviewer of Annals of Statistics
Reviewer of Journal of Mathematical Psychology
Reviewer of IEEE Information Theory
Reviewer of Journal of the Royal Statistical Society, Series A (Statistics in Society)
Reviewer of Educational Measurement
Reviewer of Statistical Science

Professional Memberships and Service

Member of Psychometric Society
Member of American Statistical Association
Member of Institute of Mathematical Statistics
Member of International Chinese Statistical Association
Member of Eastern North American Region International Biometric Society
Member of National Council on Measurement in Education
Member of IEEE
Liaison Officer of Mental Health Statistics Section, American Statistical Association

Conference and Seminar Organizers

- 07/2023 Member, Program Committee of the 2023 international meeting of psychometric society (IMPS), Maryland, USA
- 07/2022 Member, Program Committee of the 2022 international meeting of psychometric society (IMPS), Bologna, Italy
- 2018-2021 Co-organizer, Joint Statistics and Econometrics Seminar Series, LSE, London, UK
- 05/2020 Member, Scientific Program Committee of International Chinese Statistical Association Applied Symposium, Houston, TX, USA
- 07/2018 Co-organizer, Conference on Statistical Methods for Innovative Testing and Learning, New York, NY, USA
- 06/2018 Co-organizer, Workshop on Statistical Methods for Educational Testing and Learning, Shanghai, China
- 08/2016 Co-organizer, Fourth Conference on the Statistical Methods in Psychometrics, New York, NY, USA
- 07/2016 Member, Organizing Committee of ICSA Conference on Data Science, Dali, China
- 06/2016 Member, Program Book Committee of International Chinese Statistical Association Applied Symposium, Atlanta, GA, USA
- 11/2015 Co-organizer, International Conference on Applied Probability and Computational Methods in Applied Sciences, Shanghai, China
- 06/2015 Co-organizer, Fifth International Workshop in Sequential Methodologies, New York, NY, USA
- 2014-2015 Co-chair, Student Seminar of Department of Statistics, Columbia University, New York, NY, USA
- 05/2014 Co-organizer, Third Workshop on Statistical Methods in Cognitive Assessments, Shanghai, China
- 05/2013 Co-organizer, Second Workshop on Statistical Methods in Cognitive Assessments, New York, NY, USA

Administrative Experience

Programme director of MSc Health Data Science, Department of Statistics, London School of Economics and Political Science, 2023 -

Departmental teaching committee member, Department of Statistics, London School of Eco-

nomics and Political Science, 2023-

Departmental research committee member, Department of Statistics, London School of Economics and Political Science, 2022-

Organiser for the MSc Cumberland Lodge trip, Department of Statistics, London School of Economics and Political Science, 2022 -

Departmental EDI committee member, Department of Statistics, London School of Economics and Political Science, 2020-

Programme director of MSc Statistics, Department of Statistics, London School of Economics and Political Science, 2021-2022

BSc MSB and Data Science admissions, Department of Statistics, London School of Economics and Political Science, 2020-2021

Member of Working Group for Online Teaching and Assessment, Department of Statistics, London School of Economics and Political Science, 2020

Member of BSc Maths, Stats and Business (MSB) Evaluation Committee, Department of Statistics, London School of Economics and Political Science, 2020

Member of Working Group for Joint Health Policy and Statistics MSc Programme, Department of Statistics, London School of Economics and Political Science, 2019

Member of Working Group for PhD Restructuring, Department of Statistics, London School of Economics and Political Science, 2019

Member of Emory College Committee on Academic Standards, Emory University, 2017

Member of Quantitative Training Committee, Department of Psychology, Emory University, 2016-2017

Member of Information Technology and Webpage Committee, Department of Psychology, Emory University, 2016-2017

Member of Emory College Honor Council Committee, Emory University, 2016-2017