

Joseph Lawrence Antonelli, Ph.D.

CONTACT INFORMATION	University of Florida Department of Statistics 206 Griffin-Floyd Hall, P.O. Box 118545 Gainesville, FL 32611-8545	Office phone: +1 352-273-4638 jantonelli@ufl.edu
CURRENT POSITION	Associate Professor, Department of Statistics Assistant Professor, Department of Statistics University of Florida, Gainesville, FL	2025 - present 2018 - 2025
EDUCATION	Ph.D. Biostatistics, Harvard University <i>Thesis:</i> Statistical methods for analyzing complex spatial and missing data <i>Advisors:</i> Professors Francesca Dominici and Brent Coull	2015
	M.A. Biostatistics, Harvard University	2013
	B.S. Statistics, The University of Florida	2011
RESEARCH AND PROFESSIONAL EXPERIENCE	Postdoctoral Research Fellow, Department of Biostatistics Harvard T.H. Chan School of Public Health, Boston, MA	2015 - 2018
	Statistical Consultant, Brigham and Women's Hospital Boston, MA	2015 - 2018
	Decision Support Analyst Intern, Google Inc. Mountain View, CA	2013
	Environmental Statistics Trainee, National Institutes of Health Boston, MA	2011 - 2015
	Statistical Programming Intern, Department of Pharmaceutical Outcomes and Policy Gainesville, FL	2010 - 2011
	Actuarial Intern, Tower Hill Insurance Company Gainesville, FL	2009
TEACHING EXPERIENCE	Professor, University of Florida Department of Statistics <i>Course:</i> STA 7233, Advanced Regression	2024
	Professor, University of Florida Department of Statistics <i>Course:</i> STA 4241, Statistical learning in R	2020-2024
	Professor, University of Florida Department of Statistics <i>Course:</i> STA 7934, Advanced topics in causal inference	2022
	Professor, University of Florida Department of Statistics <i>Course:</i> STA 4504, Categorical data analysis	2020-2021
	Professor, University of Florida Department of Statistics <i>Course:</i> STA 4322, Introduction to Statistical Inference	2019

ADVISING EXPERIENCE	Professor, University of Florida Department of Statistics <i>Course: STA 4321, Introduction to Probability</i>	2018-2019
	Course Developer, Harvard Department of Biostatistics <i>Course: BST 228, Applied Bayesian Methodology</i>	2016
STATISTICS AND BIOSTATISTICS		
Wangxing Zhang, PhD student	2024-present	
Minxuan Wu, PhD student	2024-present	
Zhuochao Huang, PhD student	2023-present	
Yisen Jin, PhD student (Co-advisor)	2023-present	
Suyeon Kang, Postdoctoral research fellow	2022-2024	
Ruixuan Dong, Master's student	2022	
Saurabh Bhandari, Master's student	2021	
Tingting Wang, Master's student	2021	
Zhongyue Zhang, Master's student	2021	
Heejun Shin, PhD student	2020-2024	
Caleb Wong, Undergraduate student	2020-2022	
Partha Sarkar, Master's student	2020-2021	
Shiyu li, Master's student	2020-2021	
Emmett Kendall, Undergraduate student (current PhD student at NC State)	2019-2025	
Gary Wu, Undergraduate student	2019	
Srijata Samanta, Research assistant	2018 - 2021	
Armando Turchetta, Master's student (Co-advisor)	2017	
ADDITIONAL DISSERTATION COMMITTEE MEMBERSHIP		
Ziqian Yang, PhD, Statistics	2025-present	
Jaewoong Joo, PhD, Statistics	2024-present	
Lei Yang, PhD, Statistics	2024-2025	
Zeyu Yuwen, PhD, Statistics	2024-2025	
Xiaojian Zhang, PhD, Civil and Coastal Engineering	2023-present	
Woojung Bae, PhD, Statistics	2023-2024	
Shangchen Song, PhD, Biostatistics	2023-2024	
Simon Codjo, PhD, Agricultural Economics	2022-2023	
Maoran Xu, PhD, Statistics	2021-2022	
Xueyin Bai, PhD, Urban and Regional Planning	2021-2022	
Ayobami Edun, PhD, Electrical and Computer Engineering	2020-2022	
Chuji Luo, PhD, Statistics	2019-2021	
Rodrigo Rompazo Amadeu, PhD, Horticultural Sciences	2019-2021	
Franjo Ivankovic, PhD, Genetics and Genomics	2018-2022	

HONORS AND AWARDS	<p>2020 Health Effects Institute Walter A. Rosenblith young investigator award</p> <p>2020 Journal of Speech, Language, and Hearing Research editors award for “Parental language input to children with hearing loss: does it matter in the end?”</p> <p>2017 JSM Biometrics section young investigators award for “Doubly robust matching estimators for high dimensional confounding adjustment”</p> <p>2016 International Society for Bayesian Analysis (ISBA) young investigator travel award</p> <p>2015 Harvard Biostatistics award for excellence in teaching</p> <p>2015 International Conference on Health Policy Statistics (ICHPS) student travel award</p> <p>2014 ENAR distinguished student paper award for “Mitigating bias in generalized linear mixed models: The case for Bayesian nonparametrics”</p> <p>Phi Beta Kappa, 2010</p>	
GRANT FUNDING	<p>Arnold Ventures Foundation (provisionally approved for funding) The Effects of Police and Social Service Spending on Crime Role: Principal Investigator (Award amount: \$231,190).</p> <p>National Institutes of Health, R01 DC020918 Poverty-Related Risk Factors for Auditory and Language Deficits in Children Role: Investigator (PI: Susan Nittrouer, award amount: \$2,586,192)</p> <p>Centers for Disease Control and Prevention Using Small-Area Estimates of Firearm Ownership to Investigate Violence Disparities and Firearm Policy Effects Role: Investigator (PI: Andrew Morral, award amount: \$349,829).</p> <p>Health Effects Institute Robust Statistical Approaches to Understanding the Causal Effect of Air pollution Mixtures Role: Principal Investigator (Award amount: \$486,000).</p> <p>National Institutes of Health, R01 DC015992 Spoken Language in Adolescents with Hearing Loss Role: Investigator (PI: Susan Nittrouer, award amount: \$1,611,409)</p>	<p>2025 – 2026</p> <p>2023 – 2028</p> <p>2023 – 2024</p> <p>2021 – 2024</p> <p>2018 – 2021</p>
PUBLICATIONS AND SUBMITTED MANUSCRIPTS	<ol style="list-style-type: none"> Wu M*, Antonelli JL, Su Z. Envelope-based partial least squares in functional regression. Under review. <i>arXiv: 2505.14876</i> Wu M*, Antonelli JL. Partial identification of principal causal effects under violations of principal ignorability. Under review. <i>arXiv: 2412.06628</i> Antonelli JL, Rubinstein M, Agniel D, Smart R, Stuart E, Cefalu M, Schell T, Eagan J, Stone E, Griswold M, Sorbero M, Griffin BA. Autoregressive models for panel data causal inference with application to state-level opioid policies. Under review. <i>arXiv: 2408.09012</i>. Kang S*, Franks A, Audirac M, Braun D, Antonelli JL. Partial identification and unmeasured confounding with multiple treatments and multiple outcomes. Under review. <i>arXiv: 2311.12252</i>. Antonelli JL, Mealli F, Beck B, Mattei A. Principal stratification with continuous treatments and continuous post-treatment variables. Under review. <i>arXiv: 2309.14486</i>. 	

6. McGee G, **Antonelli JL**. A general approach to modeling environmental mixtures with multivariate outcomes. Revision invited. *Biometrics. arXiv: 2504.17195*
7. Shin H*, Braun D, Irene K, Audirac M, **Antonelli JL**. A spatial interference approach to account for mobility in air pollution studies with multivariate continuous treatments. Revision invited. *Journal of the American Statistical Association. arXiv: 2305.14194*.

Winner of the 2025 Norman Breslow Early Career Award for the top student paper submitted to the Section on Statistics in Epidemiology.

Winner of the 2025 Joint Statistical Meetings Health Policy Statistics Section Student Paper Award (Declined).
8. Huang Z*, Beck B, **Antonelli JL**. Causal inference and racial bias in policing: New estimands and the importance of mobility data. Revision invited. *Journal of the Royal Statistical Society: Series A. arXiv: 2409.08059*

Winner of the 2025 Joint Statistical Meetings SRMS/GSS/SSS Section Student Paper Award.
9. **Antonelli JL**, Shin H, Kang S, Franks A, Audirac M, Braun D. Robust statistical approaches to understanding the causal effect of air pollution mixtures. Revision submitted. *Health Effects Institute*.
10. Kendall E*, Beck B, **Antonelli JL**. Robust inference for geographic regression discontinuity designs: assessing the impact of police precincts. To appear. *Journal of the Royal Statistical Society: Series A. arXiv: 2106.16124*.
11. Jin Y*, Molstad A, Wilson A, **Antonelli JL**. Smooth and shape-constrained quantile distributed lag models. To appear. *Biometrics. arXiv: 2408.08450*
12. Shin H*, Linero A, Audirac M, Irene K, Braun D, **Antonelli JL**. Treatment Effect Heterogeneity and Importance Measures for Multivariate Continuous Treatments. To appear. *The Annals of Applied Statistics. arXiv: 2404.09126*

Winner of the 2024 Joint Statistical Meetings Biometrics Section Student Paper Award.

Winner of the 2024 Joint Statistical Meetings Environmental Statistics Section Student Paper Award (Declined).
13. **Antonelli JL**, Zigler C. Causal Analysis of Air Pollution Mixtures: Estimands, Positivity, and Extrapolation. *The American Journal of Epidemiology*. 193.10 (2024): 1392-1398.
14. Beck B, **Antonelli JL**, LaScala-Gruenewald A. Chokehold Bans, Law Enforcement Officer Unions, and Police Killings. *Criminology and Public Policy*. (2024).
15. **Antonelli JL**, Wilson A, Coull B. Multiple exposure distributed lag models with variable selection. *Biostatistics*. 25.1 (2024): 1-19.
16. Rudolph K, Williams N, Miles C, **Antonelli JL**, Diaz I. All models are wrong, but which are useful? Comparing parametric and nonparametric estimation of causal effects in finite samples. *The Journal of Causal Inference*. 11.1 (2023): 20230022.
17. **Antonelli JL**, Beck B. Heterogeneous causal effects of neighborhood policing in New York City with staggered adoption of the policy. *Journal of the Royal Statistical Society: Series A*. 186.4 (2023): 772-787.

18. Shin H*, **Antonelli JL**. Improved Inference for Doubly Robust Estimators of Heterogeneous Treatment Effects. *Biometrics*. (2023): 1-13.
 Winner of the 2022 Van Ryzin Award for best overall student paper submitted to the 2022 ENAR conference.
19. Linero A, **Antonelli JL**. The How and Why of Bayesian Nonparametric Causal Inference. *WIREs Computational Statistics*. 15.1 (2023): e1583.
20. Samanta S*, **Antonelli JL** Estimation and false discovery control for the analysis of environmental mixtures. *Biostatistics*. 23.4 (2022): 1039-1055.
21. Beck B, **Antonelli JL**. Effects of New York City's Neighborhood Policing Policy. *Police Quarterly*. 25.4 (2022): 470-496.
22. Nittrouer S, **Antonelli JL**, Lowenstein J. The Emergence of Bifurcated Structure in Children's Language. *Journal of Experimental Psychology: General*. 151.12 (2022): 3045.
23. **Antonelli JL**, Papadogeorgou G, Dominici F. Causal Inference in high dimensions: A marriage between Bayesian modeling and good frequentist properties. *Biometrics*. 78.1 (2022): 100-114.
24. Henglin M, Claggett B, **Antonelli JL**, Alotaibi M, Magalang G, Watrous J, Lagerborg K, Ovsak G, Musso G, Demler O, Ramachandran V, Larson M, Jain M, Cheng S. Quantitative Comparison of Statistical Methods for Analyzing Human Metabolomics Data. *Metabolites*. 12.6 (2022): 519.
25. Bai R[‡], Moran G[‡], **Antonelli JL**[‡], Chen Y, Boland M. Spike-and-slab group lassos for grouped regression and sparse generalized additive models. *Journal of the American Statistical Association*. 117.537 (2022): 184-197.
26. **Antonelli JL**, Cefalu M. Averaging causal estimators in high dimensions. *Journal of Causal Inference*. 8.1 (2020): 92-107.
27. Nittrouer S, Lowenstein J, **Antonelli JL**. Parental language input to children with hearing loss: does it matter in the end? *Journal of Speech, Language, and Hearing Research*. 63.1 (2020): 234-258.
28. **Antonelli JL**, Mazumdar M, Bellinger D, Christiani D, Wright R, Coull B. Estimating the health effects of environmental mixtures using Bayesian semiparametric regression and sparsity inducing priors. *The Annals of Applied Statistics*. 14.1 (2020): 257-275.
29. **Antonelli JL**[‡], Claggett B[‡], Henglin M, Watrous J, Demler O, Hushcha P, Demler O, Mora S, Pereira A, Jain M, Cheng S. Statistical Workflow for Feature Selection in Human Metabolomics Data. *Metabolites*. 9.7 (2019): 143.
30. Henglin M, Niiranen T, Watrous J, Lehmann K, **Antonelli JL**, Claggett B, Demosthenes E, Von Jeinsen B, Ramachandran V, Larson M, Jain M, Cheng S. A single visualization technique for displaying multiple metabolite-phenotype associations. *Metabolites*. 9.7 (2019): 128.
31. **Antonelli JL**, Parmigiani G, Dominici F. High dimensional confounding adjustment using continuous spike and slab priors. *Bayesian Analysis*. 14.3 (2019): 805.
32. **Antonelli JL**, Cefalu M, Palmer N, Agniel D. Doubly robust matching estimators for high dimensional confounding adjustment. *Biometrics*. 74.4 (2018): 1171-1179.
33. **Antonelli JL**, Han B, Cefalu M. A synthetic estimator for the efficacy of clinical trials with all-or-nothing compliance. *Statistics in Medicine*. 36.29 (2017): 4604-4615.

34. Makar M^{*}, **Antonelli JL**[†], Di Q, Cutler D, Schwartz J, Dominici F. Estimating the causal effect of low levels of fine particulate matter on hospitalization. *Epidemiology*. 28.5 (2017): 627-634.
35. **Antonelli JL**, Zigler CM, Dominici F. Guided Bayesian imputation to adjust for confounding when combining heterogeneous data sources in comparative effectiveness research. *Biostatistics*. 18.3 (2017): 553-568.
36. **Antonelli JL**, Schwartz J, Kloog I, Coull B. Spatial multiresolution analysis of the effect of PM_{2.5} on birth weights. *The Annals of Applied Statistics* 11.2 (2017): 792.
37. **Antonelli JL**, Cefalu M, Bornn L. The positive effects of preferential sampling in environmental epidemiology. *Biostatistics* 17.4 (2016): 764-778.
38. **Antonelli JL**, Trippa L, Haneuse S. Mitigating bias in generalized linear mixed models: The case for Bayesian nonparametrics. *Statistical Science* 31.1 (2016): 80.

* denotes student or postdoctoral mentee, † denotes equally contributing authors

BOOK CHAPTERS	<p>Antonelli JL. Bayesian propensity score methods and related approaches for confounding adjustment. <i>Handbook of multivariate matching and weighting for causal inference</i>. Chapman and Hall (CRC Press). Editors E. Stuart, J. Zubizarreta, D. Small, P. Rosenbaum. (2023).</p> <p>Antonelli JL, Dominici F. Bayesian Model Averaging in Causal Inference. <i>Handbook of Bayesian Variable Selection</i>. Chapman and Hall (CRC Press). Editors M. Tadesse and M. Vanucci. (2022).</p>
INVITED DISCUSSIONS	<p>Antonelli JL. Invited discussion of “Causal inference under mis-specification: adjustment based on the propensity score.” <i>Bayesian Analysis</i>. (2023).</p> <p>Antonelli JL, Daniels M. Invited discussion of ”Penalized spline of propensity methods for treatment comparison”. <i>Journal of the American Statistical Association</i>. (2019).</p>
INVITED PRESENTATIONS AND CONFERENCE PARTICIPATION	<p>Invited conference speaker. The Joint Statistical Meetings (JSM). Portland, OR. 2024.</p> <p>Invited seminar speaker. NC State University, Department of Statistics. 2024.</p> <p>Invited seminar speaker. Johns Hopkins University, Department of Biostatistics. 2023.</p> <p>Invited seminar speaker. University of Iowa, Department of Statistics. 2023.</p> <p>Invited seminar speaker. University of Rochester, Department of Biostatistics. 2023.</p> <p>Invited conference speaker. RAND Center for Causal Inference Symposium. Online. 2023.</p> <p>Invited seminar speaker. University of Copenhagen, Section of Biostatistics. Denmark. 2023.</p> <p>Invited seminar speaker. European University Institute. Italy. 2023.</p> <p>Invited seminar speaker. Inria Research Institute. France. 2023.</p> <p>Invited conference speaker. ASA Florida Chapter Meeting. Gainesville, FL. 2023.</p> <p>Invited conference speaker. CMStatistics. London, England. 2022.</p> <p>Invited conference speaker. IMS International Conference on Statistics and Data Science. Florence, Italy. 2022.</p> <p>Invited seminar speaker. Colorado State University, Department of Statistics. 2022.</p> <p>Invited seminar speaker. Emory University, Department of Biostatistics. 2022.</p>

- Invited conference speaker. International Society for Bayesian Analysis (ISBA). Montreal, Canada. 2022.
- Invited seminar speaker. University of Copenhagen, Department of Mathematical Sciences. 2022.
- Invited seminar speaker. Università di Firenze, Department of Statistics. 2022.
- Invited conference speaker. Eastern North American Regional (ENAR) Biometrics Conference. Houston, TX. 2022.
- Invited seminar speaker. Center for Causal Inference at the University of Pennsylvania and Rutgers University. 2022.
- Invited seminar speaker. Boston University, Department of Mathematics and Statistics. 2022.
- Special invited session speaker. CMStatistics. Virtual. 2021.
- Session organizer. CMStatistics. Virtual. 2021.
- Invited seminar speaker. RAND Corporation. 2021.
- Invited seminar speaker. The University of Glasgow, Department of Economics. 2021.
- Invited seminar speaker. The Online Causal Inference Seminar. 2021.
- Invited conference speaker. International Society for Environmental Epidemiology. Virtual. 2021.
- Short course instructor. International Society for Bayesian Analysis (ISBA). Virtual. 2021.
- Invited conference speaker. International Society for Bayesian Analysis (ISBA). Virtual. 2021.
- Invited seminar speaker. The University of South Carolina, Department of Statistics. 2021.
- Invited seminar speaker. Columbia University Causal Inference Seminar, Department of Biostatistics. 2021.
- Session organizer. Eastern North American Regional (ENAR) Biometrics Conference. Virtual. 2021.
- Invited conference speaker. CMStatistics. Virtual. 2020.
- Session organizer. CMStatistics. Virtual. 2020.
- Invited seminar speaker. Johns Hopkins University Causal Inference Seminar, Department of Biostatistics. 2020.
- Invited seminar speaker. Eastern North American Regional (ENAR) Biometrics Conference. Nashville, TN. 2020.
- Invited seminar speaker. Yale University. Department of Biostatistics. 2020.
- Session organizer. CMStatistics. London. 2019.
- Invited seminar speaker. University of Texas at Austin. Department of Statistics and Data Science. 2019.
- Invited seminar speaker. Florida State University Department of Statistics. 2019.
- Invited conference speaker. Atlantic Causal Inference Conference (ACIC). Montreal, Canada. 2019.
- Invited seminar speaker. University of Tampa, Department of Mathematics. 2019.
- Invited conference speaker. Eastern North American Regional (ENAR) Biometrics Conference. Philadelphia, PA. 2019.
- Invited seminar speaker. University of Athens, Department of Mathematics. 2018.
- Invited seminar speaker. University of Florida, Department of Biostatistics. 2018.
- Invited seminar speaker. Boston Bayesians. 2018.
- Invited conference speaker. International Indian Statistical Association Conference. Florida. 2018.

- Invited seminar speaker. Yale University, Department of Biostatistics. 2017.
- Invited seminar speaker. McGill University, Department of Biostatistics. 2017.
- Invited seminar speaker. University of Florida, Department of Statistics. 2017.
- Invited seminar speaker. New York University, Division of Biostatistics. 2017.
- Invited conference speaker. CMStatistics. London. 2017.
- Topic contributed talk. Joint Statistical Meetings. Baltimore, MD. 2017.
- Invited webinar. EPA STAR Webinar. Virtual. 2017.
- Invited seminar speaker. Georgetown University, Department of Mathematics. 2017.
- Invited lecture. Georgetown University. 2017.
- Invited webinar. Health Effects Institute Webinar Series. Virtual. 2016.
- Invited seminar speaker. RAND corporation. 2016.
- Invited seminar speaker. Harvard University Department of Biostatistics Environmental Health Seminar, 2014.

CONTRIBUTED
PRESENTATIONS

- Contributed poster. American Causal Inference Conference. Seattle, WA. 2024.
- Contributed poster. European Causal Inference Conference. Copenhagen, Denmark. 2024.
- Contributed talk. HBS/IMS New Researchers Conference. Boston, MA. 2021.
- Contributed poster. NIEHS PRIME Program Meeting. Durham, NC. 2019.
- Contributed talk. European Causal Inference Conference. Florence, Italy. 2018.
- Contributed poster. IMS New Researchers Conference. Baltimore, MD. 2017.
- Contributed poster. Bayesian Nonparametric Conference. Paris, France. 2017.
- Contributed poster. Atlantic Causal Inference Conference. Raleigh, NC. 2017.
- Contributed talk. Eastern North American Region Conference. Washington DC. 2017.
- Contributed talk. Joint Statistical Meetings. Chicago, IL, 2016.
- Contributed poster. International Society for Bayesian Analysis Conference. Sardinia, Italy, 2016.
- Contributed talk. Eastern North American Region Conference. Austin, Texas, 2016.
- Contributed poster. International Conference on Health Policy Statistics. Providence, RI, 2015.
- Contributed talk. Joint Statistical Meetings. Seattle, WA, 2015.
- Contributed talk. Eastern North American Region Conference. Miami, FL, 2015.
- Contributed poster. New England Statistics Symposium. Boston, MA, 2014.

SOFTWARE	<p><i>HeterogeneousTEpanel</i>: An R package for estimating heterogeneous treatment effects in panel data settings that allows for staggered adoption of policy (available at github.com/jantonelli111/HeterogeneousTEpanel)</p> <p><i>BayesianDLAG</i>: An R package for estimating distributed lag models with multiple exposures and interactions (available at github.com/jantonelli111/BayesianDLAG)</p> <p><i>DoublyRobustHD</i>: An R package for doubly robust estimation of causal effects in high dimensions (available at github.com/jantonelli111/DoublyRobustHD)</p> <p><i>SSGL</i>: An R package to implement the spike and slab group lasso model (available at github.com/jantonelli111/SSGL)</p> <p><i>HDconfounding</i>: An R package for high-dimensional confounding adjustment for continuous or binary exposures (available at github.com/jantonelli111/HDconfounding)</p> <p><i>NLinteraction</i>: An R package for flexible Bayesian estimation of interaction models (available at github.com/jantonelli111/NLinteraction)</p> <p><i>Irregular2dWavelets</i>: An R package for two-dimensional wavelet decompositions on unequally spaced grids (available at github.com/jantonelli111/Irregular2dWavelets)</p>	
JOURNAL REFEREE	<i>The Annals of Statistics; Journal of the American Statistical Association: Theory and Methods; Journal of the American Statistical Association: Applications and Case Studies; Econometrica; Journal of Machine Learning Research; Biometrics; Annals of Applied Statistics; Journal of Econometrics; Journal of the Royal Statistical Society Series A; Bayesian Analysis; Biostatistics; Statistics and Probability Letters; Epidemiology; American Journal of Epidemiology; Journal of Causal Inference; Observational Studies; Statistics in Medicine; Statistical Methods in Medical Research; Econometrics and Statistics; Epidemiologic Methods; Data Science in Science; Briefings in Bioinformatics; Journal of Behavioral and Educational Statistics; Pharmaceutical Statistics; International Journal of Environmental Science and Technology; Multivariate Behavioral Research; Medical Decision Making; Journal of Air and Waste Management Association</i>	
DEPARTMENTAL SERVICE	<p>University of Florida 2024 Winter Workshop Organizing Committee</p> <p>University of Florida Department of Statistics PhD Curriculum Committee</p> <p>Harvard Biostatistics Environmental Statistics Seminar Organizer</p> <p>Harvard Biostatistics Computing Committee</p>	<p>2023 - 2024</p> <p>2018 - 2020</p> <p>2016 - 2017</p> <p>2015 - 2016</p>
PROFESSIONAL SERVICE	<p>Member, ASA Committee on Law and Justice Statistics</p> <p>Associate Editor, Bayesian Analysis</p> <p>Student paper judge for ENAR and JSM student paper competitions</p> <p>Member, ENAR Regional Advisory Board</p>	<p>2024 - present</p> <p>2023 - present</p> <p>2021 - present</p> <p>2020 - 2022</p>