

Tanya P. Garcia

Texas A&M University
Statistics Department
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Research Interests

High-Dimensional Variable Selection, Longitudinal Data Analysis, Neurodegenerative Diseases, Nonparametric Models, Prediction Models, Semiparametric Models, Survival Analysis

Education

- Ph.D., Statistics**, Texas A&M University, College Station, TX 08/2011
Adviser: Prof. Yanyuan Ma. GPA: 4.00/4.00.
- M.Sc., Statistics**, University of Western Ontario, London, ON, Canada 08/2006
Adviser: Prof. John Braun. GPA: 4.00/4.00.
- M.S., Industrial Engineering and Operations Research**, University of California, Berkeley, Berkeley, CA 05/2005
GPA: 3.67/4.00.
- B.S., Mathematics**, University of California, Irvine, Irvine, CA 06/2003
GPA: 3.939/4.00
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Professional Positions

- Associate Professor of Statistics (Tenured)**, Texas A&M University 09/2018-
- Assistant Professor of Biostatistics**, Texas A&M School of Public Health 01/2013- 08/2018
- Research Assistant Professor of Statistics**, Texas A&M University 07/2011-12/2012
- Visiting Scholar**, The University of Sydney, Australia 11/2012
Fully funded (\$7,200 AUS) four-week invitation by Prof. Samuel Müller and Prof. Alan Welsh.
- Research Assistant**, Oak Ridge National Lab, Oak Ridge, TN 06/2010-08/2010
- Research Assistant**, MD Anderson Cancer Center, Houston, TX 07/2008-08/2008
- Teaching Assistant**, University of Neuchâtel, Neuchâtel, Switzerland 09/2006-06/2008
- Teaching Assistant**, University of Western Ontario, London, ON, Canada 09/2005-06/2006
- Research Assistant**, RWTH Institute of Operations Research and Logistics, Aachen, Germany 06/2004-08/2004
- Research Assistant**, University of California, Irvine, Irvine, CA 09/2002-06/2003
- Teaching Assistant**, University of California, Irvine, Irvine, CA 09/2001-06/2003

Grants and Fellowships (Total: \$938,406)

10. **Principal Investigator**, NIH NINDS, K01NS099343, \$557,406 12/2016-11/2019
“Innovative statistical models for development of first Huntington’s disease progression risk assessment tool.”
9. **Statistics Mentor**, T32 DHHS-NIH-National Cancer Institute 08/2017-08/2021
“Nutrition, Biostatistics and Bioinformatics,” PI: Raymond J. Carroll.
8. **Co-Investigator**, Centers for Agricultural Safety and Health, U54 OH007541-16 12/2016-11/2019
“Leveraging motor vehicle crash data for injury surveillance and research in AFF,” PI: Eva Shipp.
7. **Principal Investigator**, Texas A&M School of Public Health Research Enhancement and Development Initiative (REDI) Grant, \$25,000 06/2015-08/2016
“Identifying high-dimensional neuroimaging biomarkers associated with Huntington’s disease motor onset.”
6. **Principal Investigator**, Huntington’s Disease Society of America (HDSA) Research Fellowship, \$150,000 11/2013-11/2015
“Improved definition and prediction of Huntington’s disease motor-onset using advanced statistical models.”
5. National Consortium for Graduate Degrees for Minorities in Engineering and Science (GEM) PhD Fellowship, \$30,000. 2010-2011
4. Philanthropic Educational Organization (P.E.O.) Scholar Award, \$15,000. 2010-2011
3. Ford Foundation Predoctoral Fellowship Honorable Mention 2010
2. National Science Foundation’s Texas A&M University System Louis Stokes Alliance for Minority Participation Bridge to the Doctorate Fellowship, \$94,000. 2008-2010
1. Chancellor’s Opportunity Predoctoral Fellowship, University of California, Berkeley, \$67,000. 2003-2005

Honors and Awards

20. **Mentoring Institute for Neuroscience Diversity Scholars (MINDS) Fellow** 2017-2018
NIH NINDS funded program that promotes the advancement of underrepresented independent researchers in neuroscience.
19. **Southeastern Conference (SEC) Travel Grant Program Award, Texas A&M University*** 2016-2017
**Awarded but then unable to be used due to collaborator moving to non-SEC university.*
18. **Participant in 14th Meeting of New Researchers in Statistics and Probability**, University of California, San Diego 2012
Travel award to attend workshop which promotes interaction and networking among new researchers in statistics and probability.

17. **SACNAS National Conference Travel Award**, Seattle, WA 2012
16. **Participant in Roadmap for a Successful Academic Career Workshop**, Texas A&M University 2012
Designed for internal and external women postdoctoral researchers and assistant professors (2 years or less) in STEM fields.
15. **American Statistical Association Gertrude M. Cox Award** (\$2,000) 2011
Awarded to 2 out of 1200 female applicants from throughout the US and Canada.
14. **Phi Kappa Phi Member**, Texas A&M Chapter 2011
Awarded to top 10% of seniors and graduate students at Texas A&M University.
13. **Emerging Researchers National Conference in Science, Technology, Engineering and Mathematics Travel Award** 2011
Awarded to 100 applicants.
12. **William S. Connor Award**, Texas A&M University 2010
Awarded to the student whom the faculty deems the most outstanding among those students passing the preliminary examinations during the 2008-2009 academic year.
11. **Participant in Building Future Faculty**, North Carolina State University 2010
Awarded to 12 out of 100 applicants from graduate programs throughout the US.
10. **Participant in Negotiating the Ideal Faculty Position**, Rice University 2010
Awarded to 65 out of 1100 applicants from graduate programs throughout the US.
9. **Teaching Assistant of the Year in the Sciences**, University of Western Ontario 2006
8. **Summa Cum Laude, School of Physical Sciences**, University of California, Irvine 2003
7. **Ronald E. McNair Scholar**, University of California, Irvine 2002-2003
6. **Mathematics Departmental Service/Undergraduate Service Award**, University of California, Irvine 2003
5. **Outstanding Senior in Mathematics**, University of California, Irvine 2003
4. **Leadership Scholarship**, University of California, Irvine 2000-2002
3. **The National Dean's List**, University of California, Irvine 2000-2003
2. **National Society of Collegiate Scholars Member**, University of California, Irvine 2001
1. **National Hispanic Scholar Finalist**, University of California, Irvine 2000

Publications

(* denotes equal contribution; underline denotes student or postdoctoral researcher author)

Under Review

27. Parast, L., **Garcia, T.P.**, Carroll, R.J.C., and Ross, R.L. Robust methods to correct for measurement error when evaluating a surrogate marker.
26. Kim, R., Müller, S., and **Garcia, T.P.** C2pLasso: the categorical-continuous pliable lasso to identify brain regions affecting motor impairment in Huntington disease.
25. Lee, U., Carroll, R.J., Marder, K., Wang, Y., and **Garcia, T.P.** Estimating disease onset from change points of markers measured with error.
24. **Garcia, T.P.** and Parast, L. Dynamic landmark prediction for genetic mixture models.

Refereed Papers

23. Lee, U., **Garcia, T.P.**, Carroll, R.J., Gilbreath, K. and Wu, G. (2019). Analysis of repeated measures data in nutrition research. *Frontiers in Bioscience, Landmark*, **24**, 1378-1390.
22. Shipp, E., Vasudeo, S., Trueblood, A. and **Garcia, T.P.** (2019). Single Logging Vehicle Crashes and Variables Associated with Injury in Louisiana. *Journal of Agromedicine*, **24**, 177-185. doi: 10.1080/1059924X.2019.1567422.
21. **Garcia, T.P.**, Marder, K. and Wang, Y. (2019). Time-varying Proportional Odds Model for Mega-analysis of Clustered Event Times, **20**, 129-146. doi: 10.1093/biostatistics/kxx065.
20. Wei, Y., Ma, Y., **Garcia, T.P.** and Sinha, S. (2019). Consistent estimator for logistic mixed effect models. *The Canadian Journal of Statistics*, **47**, 140-156. doi:10.1002/cjs.11482.
19. **Garcia, T.P.**, Wang, Y., Shoulson, I., Paulsen, J.S., and Marder, K. (2018). Disease progression in Huntington Disease: an analysis of multiple longitudinal outcomes. *Journal of Huntington Disease*, **7**, 337-344. doi: 10.3233/JHD-180297.
18. Dutra, J.R.*, **Garcia, T.P.***, Marder, K. (2018). Huntington's Disease. In Oxford Textbook of Neurological and Neuropsychiatric Epidemiology, editors Carol Brayne, Valery Feigin, Lenore Launer, and Giancarlo Logroscino.
17. **Garcia, T.P.** and Ma, Y. (2017). Simultaneous treatment of unspecified heteroskedastic model error distribution and mismeasured covariates for restricted moment models. *The Journal of Econometrics*, **200**, 194-206.
16. **Garcia, T.P.**, Ma, Y., Marder, K. and Wang, Y. (2017). Robust mixed-effects model for clustered failure time data: application to Huntington's disease event measures. *Annals of Applied Statistics*, **11**, 1085-1116.
15. **Garcia, T.P.** and Marder, K. (2017). Statistical Approaches to longitudinal data analysis in neurodegenerative diseases: Huntington's Disease as a model. *Current Neurology and Neuroscience Reports*, **17**:14, doi:10.1007/s11910-017-0723-4.
14. **Garcia, T.P.**, Marder, K. and Wang, Y. (2017). Statistical modeling of Huntington disease onset. In Handbook of Clinical Neurology, vol 144, 3rd Series, editors Andrew Feigin and Karen E. Anderson.
13. **Garcia, T.P.*** and Müller, S.* (2016). Cox regression with exclusion frequency-based weights to identify neuroimaging markers relevant to Huntington's disease onset. *Annals of Applied Statistics*, **10**, 2130-2156.
12. Kohli, P., **Garcia, T.P.** and Pourahmadi, M. (2016). Linear models for cholesky factors of covariance matrices of multivariate longitudinal data. *Journal of Multivariate Analysis*, **145**, 87-100.
11. **Garcia, T.P.** and Ma, Y. (2015). Optimal estimator for logistic model with distribution-free random intercept. *Scandinavian Journal of Statistics*, **43**, 156-171.

10. Qin, J.*, **Garcia, T.P.***, Ma, Y., Tang, M.X., Marder, K. and Wang, Y. (2014). Combining isotonic regression and EM algorithm to predict genetic risk under monotonicity constraint and unknown genotypes. *Annals of Applied Statistics*, **8**, 1182-1208.
9. **Garcia, T.P.** and Müller, S. (2014). Influence of measures of significance-based weights in the weighted Lasso. *Journal of the Indian Society of Agricultural Statistics* (Invited paper), **68**, 131-144.
8. **Garcia, T.P.**, Müller, S., Carroll, R.J., and Walzem, R.L. (2014). Identification of important regressor groups, subgroups, and individuals via regularization methods: application to gut microbiome data. *Bioinformatics*, doi: 10.1093/bioinformatics/btt608.
7. **Garcia, T.P.**, Müller, S., Carroll, R.J., Dunn, T.N., Thomas, A.P., Adams, S.H., Pillai, S.D., and Walzem, R.L. (2013). Structured variable selection with q -values. *Biostatistics*, DOI: 10.1093/biostatistics/kxt012.
6. Wang, Y., **Garcia, T.P.**, and Ma, Y. (2012). Nonparametric estimation for censored mixture data with application to the Cooperative Huntington's Observational Research Trial. *Journal of the American Statistical Association*, **107**, 1324-1338.
5. **Garcia, T.P.**, Kohli, P., Pourahmadi, M. (2012). Regressograms and mean-covariance models for incomplete longitudinal data. *The American Statistician*, **66**, 85-91.
4. Ye, F., **Garcia, T.P.**, Pourahmadi, M., and Lord, D. (2012). Extension of a negative binomial GARCH model: analyzing the effects of gasoline price and VMT on DUI fatal crashes in Texas. *Transportation Research Record: Journal of the Transportation Research Board*, **2279**, 31-39.
3. **Garcia, T.P.**, Ma, Y., and Yin, G. (2011). Efficiency improvement in a class of survival models through model-free covariate incorporation. *Lifetime Data Analysis*, **17**, 552-565.
2. Barber, J., Bose, C., Bourlioux, A., Braun, J., Brunelle, E., **Garcia, T.**, Hillenk, T., and Ong, B. (2010). Burning issues with PROMETHEUS, the Canada's wildfire growth simulator. *Canadian Applied Mathematics Quarterly*, **16**, 337-378.
1. **Garcia, T.**, Braun, J., Bryce, R., and Tymstra C. (2008). Smoothing and bootstrapping the PROMETHEUS fire growth model. *Environmetrics*, **19**, 1-13.

Conferences and Symposia

Invited Presentations

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| 53. 5th International Society for Non-Parametric Statistics (ISNPS) Meeting, Paphos, Cyprus | 06/2020 |
| 52. International Chinese Statistics Association (ICSA) 2020 Applied Statistics Symposium, Houston, TX | 05/2020 |
| 51. University of Pennsylvania, Department of Biostatistics, Philadelphia, PA | 02/2020 |
| 50. University of North Carolina at Chapel Hill, Department of Biostatistics, Chapel Hill, NC | 09/2019 |
| 49. Plenary Speaker at the 39th International Symposium on Forecasting, Thessaloniki, Greece | 06/2019 |
| 48. 2019 Eastern North American Region (ENAR) Annual Meeting, Philadelphia, PA | 03/2019 |
| 47. Department of Statistical Science, Southern Methodist University, Dallas, TX | 10/2018 |

46. 2018 Joint Statistical Meeting, Vancouver, Canada 08/2018
45. International Society for Non-Parametric Statistics (ISNPS) Meeting, Salerno, Italy 06/2018
44. Institute for Mathematics and its Applications “Frontiers in Forecasting”, Minneapolis, MN 02/2018
43. 10th International Conference of the ERCIM WG on Computational and Methodological Statistics, University of London, UK 12/2017
42. Texas A&M University, Department of Statistics, College Station, TX 12/2017
41. 2017 Joint Statistical Meeting, Baltimore, MD 08/2017
40. 32nd Annual Huntington’s Disease Society of America Annual Convention, Schaumburg, IL 06/2017
39. International Conference on Econometrics and Statistics, Hong Kong University of Science and Technology, Hong Kong 06/2017
38. 2017 Conference on Lifetime Data Science, Storrs, CT 05/2017
37. Baylor University, Department of Statistical Science, Waco, TX 02/2017
36. Huntington Study Group, 10th Annual HD Clinical Research Symposium, Nashville, TN 11/2016
35. Newest Developments and Urgent Issues in Measurement Error and Latent Variable Problems, Banff, Canada 08/2016
34. 2016 International Biometrics Conference, Victoria, Canada 07/2016
33. 2016 Eastern North American Region (ENAR) Annual Meeting, Austin, TX 03/2016
32. 2015 Joint Statistical Meeting, Seattle, WA 08/2015
31. International Society for Non-Parametric Statistics (ISNPS) Meeting, Biosciences, Medicine, and Novel Non-Parametric Methods, Graz, Austria 07/2015
30. International Chinese Statistical Association Applied Symposium, Fort Collins, CO 06/2015
29. University of California, Riverside, Riverside, CA 06/2015
28. University of North Carolina, Department of Biostatistics, Chapel Hill, NC 04/2015
27. University of California, San Diego, Department of Family Medicine and Public Health, San Diego, CA 04/2015
26. Manhattan College, Department of Mathematics, New York, NY 03/2015
25. University of California, Berkeley, Department of Biostatistics, Berkeley, CA 01/2015
24. University of California, Davis, Department of Statistics, Davis, CA 01/2015
23. RAND Corporation, Santa Monica, CA 11/2014
22. University of South Carolina, Department of Statistics, Columbia, SC 10/2014
21. 2014 Joint Statistical Meeting, Boston, MA 08/2014
20. Australian Statistical Conference/Institute of Mathematical Statistics Annual Meeting, Australian Technology Park Sydney, Australia 07/2014
19. The Ninth International Chinese Statistical Association (ICSA) International Conference: Challenges of Statistical Methods for Interdisciplinary Research and Big Data, Hong Kong Baptist University, Hong Kong 12/2013
18. Columbia University, Department of Biostatistics, New York, NY 09/2013
17. 2013 Joint Statistical Meeting, Montréal, Québec, Canada 08/2013
16. Western North American Region (WNAR) Conference, Los Angeles, CA 06/2013

15. Sam Houston State University, Department of Mathematics and Statistics, Huntsville, TX 02/2013
14. The Australian National University, Mathematical Sciences Institute, Canberra, New South Wales, Australia 11/2012
13. The University of Melbourne, School of Mathematics and Statistics, Melbourne, Victoria, Australia 11/2012
12. The University of Sydney, School of Mathematics and Statistics, Sydney, New South Wales, Australia 11/2012
11. International Chinese Statistical Association (ICSA) Applied Symposium, Boston, MA 06/2012
10. 8th Annual Texas A&M University System (TAMUS) Louis Stokes Alliance for Minority Participation (LSAMP) Symposium, Corpus Christi, TX 02/2012
9. Statistical Inverse Problems Workshop, College Station, TX 05/2012

Contributed Presentations

8. Huntington Study Group, 9th Annual HD Clinical Research Symposium, Tampa Bay, FL 10/2015
7. Huntington Study Group, 8th Annual HD Clinical Research Symposium, Minneapolis, MN 11/2014
6. Western North American Region Conference, Honolulu, HI 06/2014
5. University of Florida Winter Workshop: Dimension Reduction and High Dimensional Inference, Gainesville, FL 01/2014
4. Huntington Study Group, 7th Annual HD Clinical Research Symposium, Charlotte, NC 11/2013
3. Eastern Northern American Region (ENAR) Annual Meeting, Miami, FL 03/2011
2. Emerging Researchers National Conference in Science, Technology, Engineering and Mathematics, Washington, DC 02/2011
1. The National GEM Consortium Annual Meeting, Vienna, VA 08/2010

Teaching

- Texas A&M University**, College Station, TX
Instructor, Statistical Methods (Spring Semester) 2019-
- Texas A&M Health Science Center**, College Station, TX
Instructor, Biostatistics II Online (Spring Semester) 2014-2018
Instructor, Biostatistics II In-Person (Spring Semester) 2013-2015
Instructor, Statistics II, College of Medicine (one day course) 01/2013
- University of Neuchâtel**, Neuchâtel, Switzerland
Teaching Assistant, Calculus and Linear Models (taught in French) Spring 2007, 2008
Teaching Assistant, Linear Models (Graduate Level) Fall 2007
Teaching Assistant, Econometrics Fall 2006
- University of Western Ontario**, London, ON, Canada
Teaching Assistant, Operations Research Spring 2006

Tanya P. Garcia

Teaching Assistant*, Applied Probability

Fall 2005

*Awarded Teaching Assistant of the Year in the Sciences

University of California, Irvine, Irvine, CA

Teaching Assistant, Statistics, Summer Bridge

Summer 2002

Tutor, Mathematics, Learning and Academic Resource Center

09/2001-06/2003

Advising and Formal Mentoring

Mentored Researchers

7. **Chen Lin**, BS, Visiting Undergraduate Scholar from Fudan University 07/2019-
6. **Rakheon Kim**, PhD, Texas A&M University, Department of Statistics 05/2018-
5. **Unkyung Lee**, Postdoctoral Trainee of DHHS-NIH National Cancer Institute T32, Texas A&M University, Department of Statistics 06/2017-
4. **Weixi Zhu**, MS, Texas A&M University, Department of Statistics 2018-2019
3. **Timothy Gibson**, Honours (equivalent of Undergraduate Senior Diploma), The University of Sydney, Department of Statistics 2017
2. **Satwik Acharyya**, PhD, Texas A&M University, Department of Statistics Fall 2015
1. **Sage Lane**, MPH, Texas A&M Health Science Center, Department of Epidemiology and Biostatistics Summer 2014

PhD Committee Member

Texas A&M University

Department of Statistics

Eli Kravitz (Chair: Raymond J. Carroll) 2019

Shuai Chen (Chair: Hongwei Zhao and Lan Zhou) 2015

Department of Mathematics

Lauren Snider 2019-

Department of Epidemiology and Biostatistics

Xiaohuan Zhu (Chair: Hongwei Zhao) 2019-

Shubhangi Vasudeo (Chair: Eva Shipp) 2017-

MS Committee Member

Texas A&M University

Department of Statistics

Leo Lazcano 2019

Vanessa McMahan 2019

Genti Ndrevaaj 2019

Timothy Parker 2019

Carroll Patton 2019

Michelle Perez 2019

Christopher Phelan 2019

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| Weixi Zhu | 2019 |
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| Department of Epidemiology and Biostatistics | |
| Karen Fischer | 2016 |
| Timothy Erickson | 2015 |
| John Coppin | 2014 |
| I-Chia Liao | 2014 |

Professional Activities

Leadership

10. Eastern Northern American Region/International Biometric Society (ENAR) Regional Advisory Board Member (RAB) 2019-2021
9. International Symposium on Forecasting Early Career Researcher Mentor 06/2019
8. American Statistical Association Biometrics Section Strategic Initiative Chair, "Developing the next Generation of Biostatisticians" 2018-
7. Biometrics Eastern Northern American Region/International Biometric Society (ENAR) Program Representative, Atlanta, GA 2017-2018
6. American Statistical Association Biometrics Section Strategic Initiative Co-Chair, "Developing the next Generation of Biostatisticians" 2016-2018
5. Student Paper Competition Judge, Western Northern American Region/Institute of Mathematical Sciences, Boise, ID 06/2015
4. Panel Speaker, "Why I Chose the Post-Doc Route," Alliance for Graduate Education and the Professoriate (TAMUS AGEP) Program 11/2017
3. Student Research Poster Competition Judge at Public Health Week 2014-2018
2. Association of Former Students' College-Level Teaching Awards Committee Reviewer 06/2010-05/2011
1. Panel Speaker, Advice on Graduate School Admittance, 5th Annual TAMUS LSAMP Symposium 02/2009

Grant Reviewer

4. National Institutes of Health (NIH) Musculoskeletal Rehabilitation Sciences Study (MRS) Section Panel Member 2020
3. National Science Foundation Statistics Panel Member 2019
2. Natural Sciences and Engineering Research Council of Canada (NSERC) Mathematics and Statistics Discovery Program 12/2018
1. E-Rare Transnational research projects on hypothesis-driven use of multi-omic integrated approaches for discovery of diseases causes and/or functional validation in the context of rare diseases 07/2018

Editorial Service

Associate Editor of *Biostatistics* 01/2019-

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| Journal Referee | 01/2013- |
| Annals of Statistics | |
| Australia New Zealand Journal of Statistics | |
| Bioinformatics | |
| Biometrics | |
| BMC Bioinformatics | |
| BMC Medical Research Methodology | |
| The Canadian Journal of Statistics | |
| Computational Statistics and Data Analysis | |
| Hacettepe Journal of Mathematics and Statistics | |
| Journal of the American Statistical Association | |
| Journal of Multivariate Analysis | |
| PLOS One | |
| Science Reports | |
| Statistica Sinica | |
| Statistics | |
| Statistics and Probability Letters | |
| Statistics in Medicine | |
| The American Statistician | |
| The Canadian Journal of Statistics | |
| Transportation Research Part A: Policy and Practice | |

External Reviewer

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| 3. Tenure and Promotion Referee, The University of Sydney | 04/2019 |
| 2. Tenure and Promotion Referee, Le Moyne College | 04/2016 |
| 1. Doctoral dissertation of Jinqing Li, Macquarie University, Statistics Department, Australia | 2014 |

Conference and Symposia Organization

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| 11. Statistical Significance Workshop Co-Organizer | 2019 |
| 10. "Measurement Error and Complex Data Workshop" Co-Organizer Texas A&M University, College Station, TX | 04/2016 |
| 9. Eastern Northern American Region/International Biometric Society (ENAR) Junior Researchers Workshop Co-Organizer, Miami, FL | 03/2015 |
| 8. Invited Session Organizer, "New directions for nonparametric methods in data science," International Society for Non-Parametric Statistics (ISNPS), Salerno, Italy | 06/2018 |
| 7. Invited Session Organizer, "Rich data visualizations for informative health care decisions," Eastern Northern American Region/International Biometric Society (ENAR), Atlanta, GA | 03/2018 |
| 6. Invited Session Organizer, "Dynamic modeling for timely health care decisions," Joint Statistical Meeting (JSM), Baltimore, MD | 07/2017 |

5. Invited Session Organizer, “Innovative Techniques Towards More Precise Modeling,” 61st Brazilian Regional Meeting, Salvador, Brazil* 05/2016
**Cancelled due to Zika virus.*
4. Invited Session Organizer, “Innovative Techniques Towards Solving the Complexities of Biomarker Discovery,” 2016 ENAR, Austin, TX 03/2016
3. Invited Session Organizer, “Navigating Your Career for Success at the NSF Career Award,” 2015 SACNAS National Conference, National Harbor, MD 10/2015
2. Invited Session Organizer, “Recent Advances in Spatial Statistics Techniques and their Applications to Public Health and Biological Sciences,” Western Northern American Region/Institute of Mathematical Sciences, Boise, ID 06/2015
1. Department of Epidemiology and Biostatistics, Texas A&M School of Public Health Seminar Organizer 2013-2018

University Committees

Texas A&M University

Department of Statistics

MS Program Committee (including online MS) 2018-

Undergraduate Committee (including online MS) 2018-2019

Department of Epidemiology and Biostatistics

Faculty Search Committee 2014-2015

Admissions Committee 01/2013-08/2018

Texas A&M School of Public Health

Research Committee Member 09/2013-07/2018

Memberships

American Statistical Association, ENAR, Institute of Mathematical Statistics, National Society of Collegiate Scholars, Phi Beta Kappa, Phi Kappa Phi, Society for Neuroscience

Skills

C++, Fortran 77/90, L^AT_EX, Linux, MATLAB, R, Ruby, Stata.

Last updated: August 17, 2019