

Assistant Professor  
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## Education

- 2015            Ph.D. in Statistics, Department of Statistics, Texas A&M University, USA  
*Dissertation:* “Statistical Inference for Medical Costs and Incremental Cost-Effectiveness Ratios with Censored Data” (Advisor: *Dr. Hongwei Zhao*)
- 2012            M.S. in Statistics, Department of Statistics, Texas A&M University, USA
- 2010            B.S. in Statistics, School of Mathematical Sciences, Peking University, China

## Research Interest

Survival Analysis, Cost-effectiveness Analysis, Personalized Treatment, Longitudinal data analysis, Missing Data, Causal Inference

## Academic Appointments

- 2017 - present    **Assistant Professor**, Division of Biostatistics, Department of Public Health Sciences, University of California, Davis, USA.
- 2019 - present    **Consulting Biostatistician Researcher**, Kaiser Permanente Washington Health Research Institute, USA.
- 2015 - 2017        **Postdoctoral Research Associate**, Department of Biostatistics and Medical Informatics, University of Wisconsin-Madison, USA. Working with *Dr. Menggang Yu*.
- 2010 - 2015        **Graduate Research Assistant**, Department of Epidemiology and Biostatistics, Texas A&M University, USA. Supervisors: *Dr. Hongwei Zhao* and *Dr. Luohua Jiang*.

## Teaching Experiences

### *Instructor for:*

- Spring 2020 - 2022 **Instructor** for STA/BST 224 “Analysis of Longitudinal Data”, University of California, Davis, USA.
- Winter 2020 - 2022 **Instructor** for BST 290 “Biostatistics Seminars”, University of California, Davis, USA.
- Winter 2018 - 2019 **Instructor** for graduate course PHR 202 “Sampling in Health Related Research”, University of California, Davis, USA.
- Winter 2019        **Co-Instructor** for BST 290 “Biostatistics Seminars”, University of California, Davis, USA.
- Spring 2016        **Instructor** for graduate course “Statistical Methods for Epidemiology”, University of Wisconsin - Madison, USA.

### *Guest Lecturer/Speaker for:*

|                  |   |
|------------------|---|
| Mar 2022         | <b>Guest Speaker</b> for CTSC Applied Statistics Seminar on “Propensity Scores: Why, when, and how to use them?”, University of California, Davis, USA.     |
| Oct 2019         | <b>Guest Lecturer</b> for Radiology Residents Research Mini-curriculum on basic statistics in clinical research, University of California, Davis, USA.      |
| Fall 2019 - 2021 | <b>Guest Lecturer</b> for EPI 208 “Analysis and Interpretation of Epidemiologic Data”, University of California, Davis, USA.                                |
| Spring 2019      | <b>Guest Lecturer</b> for EPI 207 “Advanced Theoretical Epidemiology”, University of California, Davis, USA.  |
| Winter 2019      | <b>Guest Speaker</b> for MHI 290 “Health Informatics Seminars” on application of machine learning to healthcare data, University of California, Davis, USA. |
| 2018, 2021, 2022 | <b>Guest Speaker</b> for BST 290 “Biostatistics Seminars”, University of California, Davis, USA.  |
| Spring 2015      | <b>Guest Lecturer</b> for graduate course “Survival Analysis Theory and Methods”, University of Wisconsin - Madison, USA.                                   |

## Publications

### *Statistical Methodology*

1. Chen S, Hoch JS. (2022) Net-benefit regression with censored cost-effectiveness data from randomized or observational studies, *Statistics in Medicine*, in press.
2. Chen S, Lu W, and Zhao H. (2018) An Improved Survival Estimator for Censored Medical Costs with a Kernel Approach, *Communications in Statistics - Theory and Methods*, 47(23), 5702-5716.
3. Chen S, Tian L, Cai T, and Yu M. (2017) A General Statistical Framework for Subgroup Identification and Comparative Treatment Scoring, *Biometrics*, 73(4), 1199-1209.
4. Chen S, Rolfes J, and Zhao H. (2015) Estimation of Mean Health Care Costs and Incremental Cost-effectiveness Ratios with Possibly Censored Data. *The Stata Journal*, 15(3), 698-711.
5. Chen S and Zhao H. (2013) Estimating Incremental Cost-Effectiveness Ratios and Their Confidence Intervals with Different Terminating Events for Survival Time and Costs. *Biostatistics*, 14(3), 422-432.
6. Chen S and Zhao H. (2013) Generalized Redistribute-to-the-right Algorithm, Application to the Analysis of Censored Cost Data. *Journal of Statistical Theory and Practice*, 7(2), 304-323.
7. Jiang L and Chen S. (2013) A Monte Carlo Study of Multilevel Latent Class Regression. *Annals of Biometrics & Biostatistics*, 1(1), 1004.
8. Zhao H, Zuo C, Chen S and Bang H. (2012) Nonparametric Inference for Median Costs with Censored Data. *Biometrics*, 68(3), 717-725.

### *Collaborative Articles*

9. Nguyen T-N, Chen S, Chan K, Nguyen MT, Hinton L. (2022) Cognitive Functioning and Nail Salon Occupational Exposure among Vietnamese Immigrant Women in Northern California, *International Journal of Environmental Research and Public Health*, 19(8), 4634. <https://doi.org/10.3390/ijerph19084634>.

10. Kerlikowske K, [Chen S](#), Golmakani MK, Sprague BL, Tice JA, Tosteson ANA, Rauscher GH, Henderson LM, Buist DSM, Lee JM, Gard CC, Miglioretti DL. (2022) Development of a Cumulative Advanced Breast Cancer Risk Prediction Model in a Screening Mammography Population, *Journal of the National Cancer Institute*, in press. doi: 10.1093/jnci/djac008.
11. Pham N, Raslan O, Strong EB, Boone J, Dublin AB, [Chen S](#), Hacein-Bey L. (2022) High-resolution CT Imaging of the Temporal Bone, A Cadaveric Specimen Study, *Journal of Neurological Surgery Part B, Skull Base*, in press. DOI: <https://doi.org/10.1055/s-0041-1741006>.
12. (Co-1st Author) Liu AT, [Chen S\\*](#), Jena PK, Sheng L, Hu Y, Wan YY. (2021) Probiotics Improve Gastrointestinal Function and Life Quality in Pregnancy, *Nutrients*, **13**(11), 3931.
13. Vlasova R, Iosif AM, Ryan A, Funk L, Murai T, [Chen S](#), Lesh T, et al. (2021) Maternal immune activation during pregnancy alters postnatal brain growth and cognitive development in nonhuman primate offspring, *Journal of Neuroscience*, **41**(48), 9971-9987.
14. Ma W, Zeng J, [Chen S](#), Lyu Y, Toomey KA, Phan CT, Yoneda KY, Li T. (2021) Small molecular tyrosine kinase inhibitors modulated blood immune cell counts in patients with oncogene-driven NSCLC, *Biomarker Research*, **9**(1),1-20.
15. Navarro SM, [Chen S](#), Farkas L. (2021) Measuring rectal cancer tumor height, concordance between clinical exam and MRI, *Diseases of the colon & Rectum*, **63**(6), E309-E310.
16. McKay RM, Vapniarsky N, Hatcher DC, Carr N, [Chen S](#), Verstraete FJM, Cissell DD, Arzi B. (2021) The Diagnostic Yield of Cone-Beam Computed Tomography for Degenerative Changes of the Temporomandibular Joint in Dogs, *Frontiers in Veterinary Science*, 866.
17. Blitzer GC, Parekh AD, [Chen S](#), Taparra K, Kahn JM, Fields EC, et al. (2021) Why an Increasing Number of Unmatched Residency Positions in Radiation Oncology? A Survey of Fourth Year Medical Students, *Advances in Radiation Oncology*, **6**(5),100743.
18. Sarkar S, [Chen S](#), Spencer B, Situ X, et al. (2021) Non-alcoholic steatohepatitis severity associates with FGF21 level and kidney glucose uptake, *Metabolic Syndrome and Related Disorders*, **19**(9), 491-497.
19. Sarkar S, Matsukuma K, Spencer B, [Chen S](#), Olson KA, Badawi RD, Corwin MT, Wang GB. (2020) Dynamic <sup>18</sup>F-Fluorodeoxyglucose PET correlate of liver inflammation in NASH, *Clinical Gastroenterology and Hepatology*, in press.
20. Judge SJ, Darrow MA, Thorpe, SW, Gingrich AA, O'Donnell EF, Bellini AR, Sturgill IR, Vick LV, Dunai C, Stoffel KM, Lyu Y, [Chen S](#), et al. (2020) Analysis of tumor infiltrating NK and T cells highlights IL-15 stimulation and TIGIT blockade as a combination immunotherapy strategy for soft tissue sarcomas, *Journal for ImmunoTherapy of Cancer*, **8**(2).
21. Li Q, Ma W, [Chen S](#), Tian EC, Wei S, Fan RR, Wang T, Zhou C, Li T. (2020) High integrin  $\alpha 3$  expression is associated with poor prognosis in patients with non-small cell lung cancer, *Translational Lung Cancer Research*, **9**(4),1361-1378.
22. Brower JV, [Chen S](#), Ritter A, Liauw SL, Rosenberg SA, Reddy AV, Golden DW, Gillespie EF, Mattes MD. (2019) Comfort Level of US Radiation Oncology Graduates, Assessment of Transition to Independent Clinical Practice, *Journal of Cancer Education*, **36**(2),278-83.

23. Jiang L, [Chen S](#), Beals J, Siddique J, Hamman RF, Bullock A, Manson SM. (2019) Evaluating Community-Based Translational Interventions Using Historical Controls, Propensity Score vs. Disease Risk Score Approach, *Prevention Science*, **20**, 598 - 608.
24. Wojcieszynski AP, Hullett CR, Medlin EE, Taunk NK, Shabason JE, Brower JV, [Chen S](#), Bekelman JE, Barroilhet LM, Bradley KA. (2018) The role of radiation therapy in the treatment of Stage II endometrial cancer, A large database study, *Brachytherapy*, **17**(4), 645 - 652.
25. Burr AR, Harari PM, Ko HC, [Chen S](#), Yu M, Baschnagel AM, Kimple RJ, and Witek ME. (2018) HPV Impacts Survival of Stage IVC Non-Oropharyngeal HNSCC Cancer Patients, *Otolaryngology-Head and Neck Surgery*, **3**(1),1-7.
26. Davidson SM, Ko HC, Harari PM, Wieland AM, [Chen S](#), Baschnagel AM, Kimple RJ, Witek ME. (2018) Impact of HPV-Status on Prognostic Potential of the AJCC Staging System for Larynx Cancer, *Otolaryngology-Head and Neck Surgery*, **159**(3), 456-465.
27. Witek ME, Wieland AM, [Chen S](#), Kennedy T, Hullett C, Liang E, Hartig G, Kimple RJ, and Harari PM. (2017) Outcomes for Patients with Head and Neck Squamous Cell Carcinoma Presenting with N3 Nodal Disease, *Cancers of the Head & Neck*, **2**(1),8.
28. Ko HC, Harari PM, [Chen S](#), Wieland AM, Yu M, Baschnagel AM, Kimple RJ, and Witek ME. (2017) Survival outcomes for patients with T3N0M0 squamous cell carcinoma of the glottic larynx, *JAMA Otolaryngology-Head & Neck Surgery*, **143**(11),1126-1133.
29. Ko HC, Harari PM, Sacotte RM, [Chen S](#), Wieland AM, Yu M, Baschnagel AM, Bruce JY, Kimple RJ, and Witek ME. (2017) Prognostic implications of HPV-status for patients with non-oropharyngeal head and neck squamous cell carcinomas, *Journal of Cancer Research and Clinical Oncology*, **143**(11),2341-2350.
30. Ko HC, [Chen S](#), Wieland AM, Yu M, Baschnagel AM, Brower JV, Hullett C, McCulloch TM, Hartig GK, Harari PM, and Witek ME. (2017) Clinical Outcomes for Patients Presenting with N3 Head and Neck Squamous Cell Carcinoma, Analysis of the National Cancer Database, *Head & Neck*, **39**(11),2159-2170.
31. Brower JV, [Chen S](#), Bassetti MF, Yu M, Harari PM, Ritter MA, and Baschnagel MA. (2016) Radiation Dose Escalation in Esophageal Cancer Revisited, Contemporary Analysis of the National Cancer Data Base, 2004-2012, *International Journal of Radiation Oncology, Biology, Physics*, **96**(5), 985-993.
32. Brower JV, Amini A, [Chen S](#), Hullett CR, Kimple RJ, Bassetti M, Witek ME, Yu M, and Baschnagel AM. (2016) Improved Survival with Dose Escalated Radiotherapy in Stage III Non-small Cell Lung Cancer, Analysis of the National Cancer Database, *Annals of Oncology*, **27**(10), 1887-1894.
33. Jiang L, [Chen S](#), Zhang B, Beals J, Mitchell CM, Manson SM and Roubideaux Y. (2016) Longitudinal Patterns of Stages of Change for Exercise and Lifestyle Intervention Outcomes, An Application of Latent Class Analysis with Distal Outcomes. *Prevention Science*, **17**(3), 398-409.
34. Ory MG, Smith ML, Jiang L, Lee R, [Chen S](#), Wilson AD, Stevens JA, and Parker EM. (2015) Fall Prevention in Community Settings, Results from Implementing Stepping On in Three States, *Frontiers in Public Health*, **2**, 232.

35. Ory MG, Smith ML, Jiang L, Howell D, Chen S, Pulczynski JC, and Stevens AB. (2015) Texercise Effectiveness, Impacts on Physical Functioning and Quality of Life. *Journal of Aging and Physical Activity*, **23**(4), 622-629.
36. Smith ML, Ory MG, Jiang L, Howell D, Chen S, Pulczynski JC, Swierc SM and Stevens AB. (2015) Texercise Select Effectiveness, An Examination of Physical Activity and Nutrition Outcomes. *Translational Behavioral Medicine, Practice, Policy and Research*, **5**(4), 433-442.
37. Ory MG, Smith ML, Parker EM, Jiang L, Chen S, Wilson AD, Stevens JA, Ehrenreich H, and Lee R. (2015) Fall Prevention in Community Settings, Results from Implementing Tai Chi, Moving for Better Balance in Three States. *Frontiers in Public Health*, **2**, 258.
38. Jiang L, Smith ML, Chen S, Ahn S, Kulinski K, Lorig K, and Ory MG. (2014) The Role of Session Zero in Successful Completion of Chronic Disease Self-Management Program (CDSMP) Workshops. *Frontiers in Public Health*, **2**, 205.
39. Smith ML, Jiang L, Prizer LP, Ahn S, Chen S, Cho J, Graham K, and Ory MG. (2014) Health Indicators Associated with Falls among Middle-aged and Older Women Enrolled in an Evidence-based Program. *Women's Health Issues*, **24**(6), 613-619.
40. (In Chinese) Jin X, Chen S, Mao X, Dai X, Yang Y, and Wang H. (2014) Progress in Patient Satisfaction of a Municipal Hospital in Relation to Public Hospital Reform, *Zhejiang Medical Journal*, **36**(21), 1791-1797.

#### **Book Review**

41. Chen S, and Yu M. (2017) Review of *Dynamical Biostatistical Models*, by Daniel Commenges, Helene Jacqmin-Gadda, *Biometrics*, **73**(2), 714-715.

#### **Papers Under Review**

1. Pham N, Raslan O, Hernandez A, Boone J, Chen S, Hacein-Bey L. Improved Oral Cavity and Oropharynx Imaging with Single-energy Metal Reduction Artifact (SEMAR) on High Resolution CT, submitted.
2. Ma W, Chen S, Toomey KA, Zeng J, Phan CT, Zhao IC, Tran K, Steele AP, Iannucci A, Li T. Monitor absolute lymphocyte counts during immune checkpoint inhibitor (ICI) and small molecular tyrosine kinase inhibitor (TKI) therapy in patients with oncogene-driven NSCLC, submitted.
3. Smucny J, Vlasova RM, Lesh TA, Rowland DG, Wang G, Chaudhari A, Iosif A-M, Chen S, et al. Developmental Course of Striatal Hyperdominergia in Offspring after Maternal Immune Activation - Implications for Severe Mental Illness, submitted.
4. Sprague BL, Ichikawa L, Eavey J, Lowry KP, Rauscher G, O'Meara ES, Miglioretti DL, Chen S, et al. Breast cancer risk characteristics of women undergoing breast ultrasound screening versus mammography alone, submitted.
5. Navarro SM, Loehfelm T, Chen S, Situ X, Corwin MT, Fananapazir G. Assessment of acute and chronic cholecystitis: an ultrasound probability stratification model, submitted.
6. Piao C, Orteaga E, Chen S, Guo A, Macdonald AT, Sarkar S. Automated FIB-4 and Targeted Provider Education Improved Detection of Advanced NAFLD patients, submitted.

7. Monjazez AM, Luxardi G, Schalper KA, Maverakis EM, Merleev A, Marusina A, Borowsky A, Mirhadi A, Chen S, et al. Atezolizumab plus stereotactic ablative radiotherapy for medically inoperable patients with early-stage non-small cell lung cancer, submitted.
8. Cortez NE, Lanzi CR, Hong BV, Xu J, Wang F, Chen S, Ramsey JJ, et al. A ketogenic diet in combination with gemcitabine increases survival in pancreatic cancer KPC mice: Enhanced beneficial effect in female mice, submitted.
9. Benjamin DJ, Chen S, Eldredge JB, Schokpur S, Mulroy MC, Tabbara N, et al. The Role of Chemotherapy Plus Immune Checkpoint Inhibitors in Oncogenic Driven Non-Small Cell Lung Cancer: A University of California Lung Cancer Consortium Retrospective Study, submitted.
10. Navarro SM, Kumar M, Vong S, Ronco A, Quan Z, Chen S, Aminololama-Shakeri S. Screening mammography during the COVID-19 pandemic: personal and family history of breast cancer are highly motivating factors for guideline adherence, submitted.

## Research Grants

### *Active:*

|   |                       |
|---|-----------------------|
| NIH/NCI P01 CA154292 (PI: Miglioretti/Kerlikowske/Tosteson)<br>Risk-Based Breast Cancer Screening and Surveillance in Community Settings<br>Role: Co-investigator   | 06/01/2019-05/31/2022 |
| NIH/NCI P30CA093373 (PI: de Vere White)<br>Cancer Center Support Grant<br>Role: Co-Investigator, Biostatistics Core   | 07/01/2019-06/30/2023 |
| NIH P42ES004699 (PI: Hammock)<br>Biomarkers of Exposures to Hazardous Substances<br>Role: Statistician  | 01/01/2020-03/31/2027 |
| Gilead Sciences 10558SC (PI: Sarkar)<br>Towards Elimination of Hepatitis C in California: Building a PCP Network of HCV Champions<br>Role: Statistician   | 01/01/2020-12/31/2022 |
| NIH/NIDDK R01DK124803 (PI: Wang)<br>Liver Parametric PET<br>Role: Co-Investigator   | 9/15/2020-8/31/2024   |
| DoD CDMRP LC190189 (PI: Daly/Sutcliffe)<br>18F- $\alpha_v\beta_6$ -Binding Peptide Positron Emission Tomography for Staging, Response Assessment, and Patient Selection in Metastatic Non-Small Cell Lung Cancer<br>Role: Co-Investigator | 7/1/2020-6/30/2023    |
| NIH/NIMH P50MH106438 (PI: Carter)<br>Neuroimmune Mechanisms of Psychiatric Disorders<br>Role: Co-Investigator, Biostatistics  | 9/1/2020-3/31/2025    |

**Completed:**

- Conquer Cancer Foundation of ASCO, and Amgen Inc (PI: Kirane) 07/01/2020-06/30/2021  
Biomarker analysis of neoadjuvant intralesional therapy in high-risk primary and treatment-naive recurrent melanoma: A Multi-Institutional Phase II Study  
Role: Statistician
- Alzheimer's Association AACF-16-443655 (PI: Nguyen) 04/01/2019-3/30/2020  
Cognitive impairment and Vietnamese female nail technicians  
Role: Statistician
- NIH R01CA211554 (PI: Sutcliffe) 08/01/2019-06/30/2020  
First in Human Study with 18F- $\alpha,\beta_6$ -Targeting Peptide  
Role: Co-Investigator
- NIH R01CA216879 (PI: Sutcliffe) 08/01/2019-02/28/2020  
Targeting molecular imaging of plectin-1: Bench to bedside and back again  
Role: Co-Investigator
- UC Davis Comprehensive Cancer Center (PI: Canter/Eisen/Chen) 08/15/2019-08/14/2020  
Analysis and Characterization of Intra-Tumoral Microbiome in Soft Tissue Sarcomas  
Role: Co-PI
- CA Dept. of Public Health 18-10925 (PI: Wan) 4/1/2020-3/30/2021  
Dietary-modulate Bile Acid Signaling in Regulating Cognitive Health and Dysfunction  
Role: Co-investigator
- NIH/NCI R01CA241666 (PI: Carney) 06/01/2020-03/31/2021  
SERS diagnostics platform for liquid biopsy analysis of tumor-associated exosomes  
Role: Biostatistician
- NIH/NCI R37CA249007 (PI: Hwang) 03/01/2021-05/31/2021  
Engrailed-1 and Epigenetic Vulnerabilities in Metastatic Pancreatic Cancer  
Role: Co-Investigator

**Conferences and Invited Talks**

1. [Chen S.](#) (2022) Optimizing personalized intervention in cost-effectiveness analysis. Invited talk at Joint Statistical Meetings (JSM), Washington D.C., USA.
2. [Chen S.](#), Shao J, and Yu M. (2022) Semiparametric Accelerated Failure Time Models with Missing Covariates. Invited talk at Memorial Sloan-Kettering Cancer Center, Online.
3. [Chen S.](#), Lu W, Zhao H. (2021) An improved survival estimator for censored medical costs using kernel methods. Invited talk at International Conference on Advances in Interdisciplinary Statistics and Combinatorics (AISC), Online.
4. [Chen S.](#) (2020) Benefit-harm Tradeoff in Individualized Treatment with Censored Data. Invited talk at ICSA 2020 Applied Statistics Symposium, Online.

5. Chen S. (2019) Optimizing personalized intervention from the aspect of health economics. Invited talk at the 11th ICSA International Conference, Hangzhou, China.
6. Chen S. (2019) Individualized Treatment Benefit-harm trade-off and Subgroup Identification with Censored Data. Invited talk at University of California, San Francisco, USA.
7. Chen S. (2018) Personalized Intervention and Subgroup Identification: Application of Machine Learning to Healthcare Data. Invited talk at Global Affairs Seminar for delegation from Henan Department of Health in China, University of California, Davis, USA.
8. Chen S, Shao J, and Yu M. (2017) Semiparametric Accelerated Failure Time Models with Missing Covariates. Invited talk at 2017 Institute of Mathematical Statistics (IMS)-China International Conference on Statistics and Probability, Nanning, China.
9. Chen S, Lu W, and Zhao H. (2016) An Improved Survival Estimator for Censored Medical Costs Using Kernel Methods. Invited talk at *Medical College of Wisconsin*, WI, USA.
10. Chen S and Yu M. (2016) Semiparametric Accelerated Failure Time Models with Missing Covariates. Invited talk at *International Chinese Statistical Association (ICSA) Applied Statistical Symposium*, GA, USA.
11. Chen S, Tian L, and Yu M. (2016) A General Statistical Framework for Subgroup Identification and Comparative Treatment Scoring. Invited talk at Causal Inference group at *Johns Hopkins Bloomberg School of Public Health*, MD, USA.
12. Chen S, Lu W, and Zhao H. (2016) An Improved Survival Estimator for Censored Medical Costs with a Kernel Approach. Invited talk at *International Biometric Society Eastern North American Region Spring Conference (ENAR)*, TX, USA.
13. Chen S, Tian L, and Yu M. (2015) A flexible framework for treatment scoring in clinical studies. Invited talk at *Duke-Industry Statistics Symposium*, NC, USA.
14. Chen S and Zhao H. (2013) Estimating Incremental Cost-Effectiveness Ratios and Their Confidence Intervals with Different Terminating Events for Survival Time and Costs. Poster presented at the *International Biometric Society Eastern North American Region Spring Conference (ENAR)*, FL, USA.

## Software Development

**hcost**: Stata program for estimating mean health costs and cost-effectiveness analysis within a time horizon with possibly censored data. It can be found and installed in Stata by command “search hcost” or “search st0399”.

## Professional Activities

*Associate Editor for:*

*BMC (BioMed Central) Geriatrics*, 2016 - 2020



**Referee for:**

*Biometrics, Statistics in Medicine, Biometrical Journal, Journal of Statistical Theory and Practice, Statistics and Probability Letters, Statistical Methods & Applications, Communications in Statistics - Simulation and Computation, Statistical Methods in Medical Research, Journal of Nonparametric Statistics, International Journal of Biostatistics, Computational Statistics and Data Analysis, Annals of Applied Statistics, Journal of Applied Statistics, Stata Journal, Journal of Clinical Oncology, Nutrients, PharmacoEconomics, Neurology, IEEE Transactions on Biomedical Engineering, Journal of Cardiovascular Medicine and Cardiology, Contemporary Clinical Trials Communications, Journal of Clinical Trials, International Journal of Population Studies, International Journal of Environmental Research and Public Health, Medical Research Archives*

**Conference Session Chair for:**

Institute of Mathematical Statistics (IMS) - China International Conference on Statistics and Probability 2017

**Committee Member for:**

- Graduate Studies Fellowship Committee, University of California, Davis, 2020-2021
- Biostatistics reviewer for Scientific Review Committee, UC Davis Comprehensive Cancer Center, 2019-
- Admissions and Awards, Graduate Group in Biostatistics, University of California, Davis, 2018-
- Seminar and Group Activities, Graduate Group in Biostatistics, University of California, Davis, 2018-
- Analytics Oversight Committee, University of California, Davis, 2021-
- Biostatistics Faculty Search Committee, University of California, Davis, 2021-2022

**Student/Trainee Advising**

- Chair of Biostatistics M.S. Comprehensive Examination Committee: Yifan Chen, Tengting Zhou, Xiaolu Situ, Yue Lyu, Fangyi Wang, Blake J. Shaw
- Member of Ph.D. Qualifying Examination Committee: Xiner Zhou (Biostatistics), Chenghuiyun (Cassie) Xu (Biostatistics), Francesca I Rubino (Epidemiology)
- Mentor for Senior Thesis project of University Honors Program: Sankalp Sinha (undergraduate in Genetics and Genomics)
- Special Study for graduate/undergraduate students (STA/BST 299/199): Xiaolu Situ, Yue Lyu, Lanyi Zhang, Zhikuan Quan
- Statistical Mentor for Mentored Clinical Research Training Program (MCRTP): Jasmine Cecilia Huynh

## Honor & Awards

- 2013 Susan B. Anthony Aetna Award for Excellence in Research on Older Women and Public Health, 141st Annual Meeting of the American Public Health Association (Authorship: Smith, Jiang, Prizer, Ahn, Chen, Cho, Graham, Ory).
- 2011 Graduate Student Competitive Scholarship, Texas A&M University, USA
- 2008 Sumitomo Corporation Scholarship, Peking University, China
- 2008 President's Undergraduate Research Fellowship, Peking University, China
- 2007 Wusi Academic Scholarship, Peking University, China
- 2005 Silver Medal in National Olympiad in Informatics, China

## Computer Skills

R, SAS, Stata, C, Matlab, WinBUGS, Mplus, L<sup>A</sup>T<sub>E</sub>X, Microsoft Office