Gang Li, Ph.D,

Professor, UCLA Departments of Biostatistics and Computational Medicine; and Director, UCLA's Jonsson Comprehensive Cancer Center Biostatistics, Analytical Support & Evaluation (BASE) Shared Resource

HONORS AND AWARDS

ICSA Service Award, 2019;
LIDA Achievement Award, 2016
Elected Fellow, American Statistical Association, 2010
Elected Fellow, Institute of Mathematical Statistics, 2008
ICSA Service Award, 2004
Elected Member, International Statistical Institute, 2000
Elected Fellow, Royal Statistical Society, 1999

PAST ICSA ACTIVITIES

I joined ICSA in the 90s and has since become a lifetime ICSA member. Like many colleagues and friends, both my professional career and personal life have benefited greatly from ICSA. Over the past few decades, I have enjoyed a great deal participating ICSA organized conferences and networking events on a regular basis, where I got to meet and learn from so many great statisticians, many have become long time collaborators and lifelong friends. I have also had the benefit of contributing to ICSA and its community at large on many occasions. I felt deeply honored to have twice received the ICSA Outstanding Service Award for outstanding services to the ICSA in 2004 and 2020. Below are some highlights of my services to ICSA in the past two decades (in chronic order):

- Chair, ICSA Special Lecture Committee, 2021-2022
- Member, Scientific Program Committee, ICSA-China Conference, Wuhan, 2020
- Member, Scientific Program Committee, ICSA-China Conference, Tainjin, 2019
- Member, ICSA Special Lecture Committee, 2018-2019
- Chair, ICSA Special Lecture Committee, 2017-2018
- Chair, Program Committee, ICSA China Conference, Qingdao, 2018
- Co-Chair, Program Committee, ICSA International Conference, Shanghai, 2016
- Member, Program Committee, ICSA Applied Symposium, 2016
- Member, ASA/ICSA Lingzi Lu Memorial Award Committee, 2014, 2015
- Member, Student Awards Committee, Joint 24th ICSA Applied Symposium and 13th Graybill Conference, 2015
- Chair, Short Course Committee, ICSA Applied Statistics Symposium, 2009
- Member, ICSA Symposium Committee, 2004
- Co-Chair, Program Committee and Executive Committee, ICSA Applied Statistics Symposium, 2003 and 2004

STATEMENT OF FUTURE ICSA SERVICES AND COMMITMENT

It is a great honor and privilege to be nominated as a candidate for the 2022 ICSA President-Elect. Over the past decades, ICSA has experienced tremendous growth and established itself as one of the largest and most influential statistical societies, owning to the extraordinary leadership and hard work of the past and current Presidents, Executive Directors, Board of Directors, journal editors, committee members, and volunteers. We have all witnessed the success of ICSA's three top-notch journals (*Statistica Sinica*, *Statistics in Biosciences* and *Statistics and Its Interface),* the strongly participated ICSA conferences including the *ICSA International Conference*, the annual *Applied Symposium*, the *ICSA-China Conference*, and other conferences/workshops jointly sponsored with other organizations, and the growing visibility of ICSA and its members. I believe that under the leadership of the current ICSA President-past, ICSA President and ICSA President-Elect, ICSA has well positioned itself to continue the development and promotion of our profession and association, to serve our members, and to tackle pressing issues facing our profession in today's challenging world.

If elected, I will devote myself to preserve and improve ICSA as one of the most active and influential societies for statistics, probability, and data science. I will continue the magnificent work that the past and current leaders have been doing to promote the missions of ICSA and serve our profession and beyond. Through my many years of very enjoyable services to ICSA through organizing ICSA conferences as Program Committee Chair and serving on various committees as chair or member, I have had the opportunities to interact and work with many of our current and past ICSA leaders and outstanding ICSA colleagues, and understand the strengths of ICSA as an organization and various challenges it faces. If elected, I would work closely with the ICSA Executive Board and colleagues and strive to make ICSA a welcoming and a rewarding organization for statistical professionals from diverse backgrounds, fields of application, geographic regions, and in particular for early-career researchers and those from underrepresented groups. I would also work towards continuing to expand the global footprint of ICSA. My goals would include the continuation and further development of the current ICSA initiatives and services, as well as working closely with the current and past leadership and the whole ICSA community to develop new initiatives to tackle rising challenges and seize new opportunities. These will include, not limited to, continued efforts to improve various aspects of the ICSA, such as its publications, membership, meetings, finance, fellowship, training and development efforts to support juniors statisticians (including students), diversity, communications, and collaborations with other statistical associations and other professions. In particular, I would support continued discussion and initiatives to help ICSA to preserve its core values, to foster cross-fertilization in the era of data science and inspire more active involvement with other communities working within Data Science, and to tackle various challenges presented by the global pandemic. If elected, I would make my best efforts to continue the success of ICSA and to serve the ICSA community and beyond.

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EDUCATION

Ph.D.	(Statistics)	Florida State University	1992
M.S.	(Statistics)	Florida State University	1990
B.A.	(Mathematics)	Shandong College of Oceanography	1983

POSITIONS AND EMPLOYMENT

Visiting Assistant Professor	Department of Statistics, Purdue University	1992-1993
Assistant Professor	Department of Mathematics University of North Carolina at Charlotte	1993-1997
Assistant Professor	Department of Biostatistics, UCLA	1997-1999
Associate Professor	Department of Biostatistics, UCLA	1999–2005
Professor	Department of Biostatistics, UCLA	2005–
Director	Biostatistics, Analytical Support, and Evaluation (BASE) Shared Resource, UCLA's Jonsson Comprehensive Cancer Center	2007–

ACADEMIC HONORS AND AWARDS

Top 10% most cited PLOS ONE author in 2017

ASA LIDA Achievement Award, 2016 (Most-cited LIDA author from 2011-2015).

Elected Fellow, American Statistical Association, 2010

Elected Fellow, Institute of Mathematical Statistics, 2008

Elected Member, International Statistical Institute, 2000

Elected Fellow, Royal Statistical Society, 1999

Elected Member, Iota Chapter of Delta Omega Society, 1999

R. A. Bradley Award (for the best doctoral dissertation), 1992. Department of Statistics, Florida State University.

Best First Year Graduate Student Award, 1989. Department of Statistics, Florida State University.

OTHER SIGNIFICANT PROFESSIONAL EXPERIENCE

Associate Editor	Biometrics	2010–2018
Associate Editor	Journal of Nonparametric Statistics	2007–2014
Editorial Board	Quantitative Bio-Science	2016-present
Chair	ICSA Special Lecture Committee	2021-2022
Scientific Program Committee	2020 ICSA-China Conference, Wuhan	June 26-29, 2020
Scientific Program Committee	2019 ICSA-China Conference, Tainjin	July 1-4 2019
Member	ICSA Special Lecture Committee	2018-2019
Chair	ICSA Special Lecture Committee	2017-2018
Chair, Program Committee	2018 ICSA China Conference, Qingdao	July 2-5 2018
Program Committee	5th Joint Biostatistics Symposium, Guanzhou	July 6-7 2018
Evaluation Committee	Student Paper Competition 2017 LIDA Conference, Connecticut	May 2017
Co-Chair, Organizing Committee	OUC Workshop on Complex Data, Qingdao	Dec. 2016
Co-Chair, Program Committee	2016 ICSA International Conference, Shanghai	2016
Co-Chair, Organizing Committee	2016 International Workshop on Biostistics & Bioinformatics, Qingdao, July 4-5 2016	2016
Chair, Program Committee	Int'l Biometrics Society WNAR Meeting	2009
Chair, Short Course Committee	ICSA Applied Statistical Symposium	2009
Chair, Program Committee	Joint Statistical Meetings, WNAR	2008
Co-Chair, Program Committee	ICSA Applied Statistics Symposium,	2003
Co-Chair, Program Committee	ICSA Applied Statistics Symposium,	2004
Chair	IMS Local Committee WNAR/IMS Meeting, June, Los Angeles,	2002
Student Awards Committee	Joint 24th ICSA Applied Statistics Symposium and 13th Graybill Conference	2015
Program Committee	ICSA Applied Symposium	2016
Member	ASA/ICSA Lingzi Lu Memorial Award Committee	2014, 2015
Member	UC BERDConnection Steering Committee	2014
Program Committee	The 3rd Joint Biostat Symposium, Chengdu	2014
Program Committee	The 2nd Joint Biostat Symposium, Bejing	2012
Scientific Committee	The IMS-China Annual Meeting, XiAn	2011
Scientific Committee	The 1st Joint Biostat Symposium, Bejing	2010
Scientific Committee	Int'l Conf. on Complex Data Anal., Kunming	2010
Member, Executive Committee	ICSA Applied Statistical Symposium	2009
Member, Review Panel	National Science Foundation	
Member, Scientific Committee	International Conference on Statistics, HK	2005
Member	ICSA Symposium Committee	2004
Member	UCLA Internal Scientific Peer Review Committee (ISPRC)	2008–
Executive Committee	NIH P01 Program Project: Targeting diet-induced promotion of Kras-initiated Pancreatic adenocarcinoma	2012-17

Executive Committee	UCLA Botanical Center Application	2014
Executive Committee	UCLA Brain SPORE Application	2011-15
Executive Committee	UCLA Pancreatic SPORE Application	2012-13
Member	Data Safety and Monitoring Board, "A new paradigm of cardiovascular MRI for pediatric congenital heart disease"	2016 -

RESEARCH INTERESTS

Survival analysis, nonparametric and semiparametric inference, large-scale high dimensional data analysis, longitudinal data analysis, analysis of receiver operating characteristic (ROC) curves, clinical trials and cancer research.

MONOGRAPHS

Fan, J. and Li, G. Editors, (2005). *Contemporary experimental designs and multivariate analysis*, World Scientific.

Elashoff, R.M., Li, G., and Li, N. (2016). *Joint Modeling of Longitudinal and Time-to-Event Data*. Chapman & Hall/CRC Monographs on Statistics & Applied Probability

Ding-Geng (Din) Chen, Zhezhen Jin, Gang Li, Yi Li, Aiyi Liu, and Yichuan Zhao, Editors, (2017). *New Advances in Statistics and Data Sciences.* ICSA Book Series in Statistics, Springer

PEER-REVIEWED PUBLICATIONS

1. Li, G. (1987). Moments of random vectors and their quadratic forms. *Chinese J. of Statist. and Appl. Prob.* **2** 219-229. Aslo collected in *Statistical Inference In Elliptically Contoured And Related Distributions*, 1990. Edited by K. T. Fang and T. W. Anderson. Allerton Press, New York.

2. Li, G. and Fang, K. T. (1992). The Ramanujan q-extension for the exponential function and some statistical distributions. *ACTA Mathematicae Applicatae Sinica,* **8**, 264-280.

3. Li, G. and Doss, H. (1993). Generalized Pearson-Fisher chi-square goodness-of-fit tests, with applications to models with life history data. *Annals of Statistics,* **21**, 772-797.

4. Li, G. and Doss, H. (1995). An approach to nonparametric regression for life history data using local linear fitting. *Annals of Statistics,* **23**, 787-823.

5. Li, G. (1995). Nonparametric likelihood ratio estimation of probabilities for truncated data. *Journal of the American Statistical Association,* **431**, 997-1003.

6. Li, G. (1995). On nonparametric likelihood ratio estimation of survival probabilities for censored data. *Statistics and Probability Letters*, Vol. 25, 95-104.

7. Li, G., Hollander, M., McKeague, I., and Yang, J. (1996). Nonparametric likelihood ratio confidence bands for quantile functions from incomplete survival data. *Annals of Statistics,* **24**, 628-640.

8. Li, G., Tiwari, R.C., and Wells, M. (1996). Quantile comparison functions in two-sample problems: with applications to comparisons of diagnostic markers. *Journal of the American Statistical Association,* **91**, 689-698.

9. Zhang, Z. and Li, G. (1996). A simple quantile approach to the two-sample location-scale problem with random censorship. *J. of Nonparametric Statistics*, Vol. 6, 323-335.

10. Chen, K. W., Li, G., Sun, Y., and Chow, S. C. (1996). A confidence region approach for assessing equivalence in variability of bioavailability. *Biometrical Journal,* **38**, 475-487.

11. Li, G. (1997). Optimal rate local smoothing in a multiplicative intensity counting process model. *Journal of Mathematical Methods of Statistics* **2**, 224-244.

12. Li, G., Qin, J., and R.C. Tiwari (1997). Semiparametric likelihood ratio based inferences for truncated data. *Journal of the American Statistical Association* **92**, 236-245.

13. Chen, K. W., Li, G., Sun, Y., and Chow, S. C. (1997). Interval estimation for mean ratio and variability ratio in the crossover design. *Biometrical Journal* **8**, 989-1002.

14. Chen, K., Chow, S.C., and Li, G. (1997). A note on sample size determination for bioequivalence studies with higher-order crossover designs. *Journal of Pharmacokinetics and Biopharmaceutics* **25**, 753-765.

15. Li, G. and Qin, J. (1998). Semiparametric likelihood based inferences for biased and truncated data when the information of total sample size is available. *Journal of the Royal Statistical Society, Ser. B* **60**, 243-254.

16. Kyriakoussis, A., Li, G., and Papadopoulos, A. (1998). On characterization and goodness-of-fit test of some discrete distribution families." *Journal of Statistical Planning and Inference* **74**, 215-228.

17. Sun, Y., Chow, S. C., Li, G., and Chen, K. W. (1999). Assessing distributions of estimated drug shelf-lives in marketing stability study. *Biometrics* **55**, 896-899.

18. Li, G., Tiwari, R.C., and Wells, M. (1999). Semiparametric inference for shift functions: with applications to receiver operating characteristic curves. *Biometrika,* **86**, 487-502.

19. Li, G. and Sun, Y.Q. (2000). A Simulation-Based Goodness-of-Fit Test for Survival Data. *Statistics and Probability Letters*, 47, 403-410.

20. Li, G. and Datta, S. (2001). A bootstrap approach to nonparametric regression for right censored data. *Annals of Institute of Statistical Mathematics*, 53, 708-729.

21. Schiller, G., Wong, S., Lowe, T., Snead, R., Paquette, R., Sawyers, C., Wollin, M., Kunkel, L., Ting, L., Li, G. and Territo, M. (2001). Transplantation of IL-2-mobilized autologous peripheral blood progenitor cells for adults with acute myelogenous leukemia in first remission. *Leukemia* v.15(5): 757-763.

22. Li, G. and Papadopoulos, A. (2002). A note on goodness-of-fit tests using moments. *STATISTICA*, LXII, 71-86.

23. Li, G. and Van Keilegom, I. (2002). "Likelihood ratio confidence bands in nonparametric regression with censored data". *Scand. J. Statist.*, Vol 29, 547-562.

24. Wang, Q.H. and Li, G. (2002). "Empirical likelihood semiparametric regression analysis under random censorship". *Journal of Multivariate Analysis*, Vol 83, 469-486.

25. Li, G. (2003). A nonparametric likelihood ratio approach to testing goodness of fit for survival data. *Journal of Multivariate Analysis*, Vol 86, 166-182.

26. Li, G. and Wang, Q.H. (2003). Empirical likelihood-based inference for a censored linear regression model. *Statistica Sinica*, Vol 13, 51-68.

27 Hashibe, M, Gao, T., Li, G., Dalbagni, G. and Zhang, Z.F. (2003). Comparison of Bladder Cancer Survival Among Japanese, Chinese, Filipino, Hawaiian and Caucasian Populations in the United States. *Asian Pacific Journal of Cancer Prevention*, Vol 4, 267-273.

28. H.M. Syed, S.K. Law, S.H. Nam, G.Li, A. Coleman, J.Caprioli. (2004). Baerveldt-350 Implant vs. Ahmed Valve for Refractory Glaucoma: a Case-controlled Comparison. *J Glaucoma*, Vol 13, 38-45.

29. K. Nouri-Mahdavi, D. Hoffman, G. Li, G. Liu, A.L. Coleman, D. Gaasterland, J. Caprioli. (2004). Predictive Factors for Glaucomatous Visual Field Progression in The Advanced Glaucoma Intervention Study. *Ophthalmology* **111**, 1627-1635.

30. Fang, H.B., Li, G. and Sun, J. (2005). Maximum likelihood estimation in a semiparametric proportional hazards cure model. *Scand. J. Statist.* **22**, 59-75.

31 Liu, H, Li, G, Cumberland, W.G., and Wu, T (2005). Testing statistical significance of the area under a ROC curve for repeated measures design with bootstrapping. *Journal of Data Science*, **3**, 257-278.

32 Mia Hashibe, Beate Ritz, Anh D. Le, Gang Li, Rengaswamy Sankaranarayanan, Zuo-Feng Zhang (2005). Radiotherapy for Oral Cancer as a Risk Factor for Second Primary Cancers. *Cancer Letters*, 220, 185-195.

33 Fan, J., Li, G., and Li, R. (2005). An overview on variable selection for survival analysis, *in* J. Fan and G. Li, eds, *"Contemporary Multivariate Analysis and Experimental Designs"*, World Scientific, 315-336.

34 Li, G., Li, R., and Zhou, M. (2005). Empirical likelihood in survival analysis, *in* J. Fan and G. Li, eds, *"Contemporary Multivariate Analysis and Experimental Designs"*, World Scientific, 336-350.

35 Li, G. and Qin, J. (2005). Analysis of two-sample truncated data using generalized logistic models. *Journal of Multivariate Analysis*, 97, 675-697.

36. Zhou, X.H, Qin, G.S., Lin, H.Z, and Li, G. (2006). "Inferences in censored cost regression models with empirical likelihood." *Statistica Sinica*, 16, 1213-1232.

37. Chuang, S.C, Chen, W., Hashibe, M., Li, G., and Zhang, Z.F. (2006). "Survival Rates of Invasive Breast Cancer among Ethnic Chinese Women Born in East Asia and the United States." *Asian Pacific J Cancer Prevention*, 7(2):221-6.

38. Elashoff, R., Li, G., Li, N. (2007). "An approach to joint analysis of longitudinal measurements and competing risks failure time data." *Statistics in Medicine*, 26, 2813-2835. PMCID: PMC2586033

39. Donald P. Tashkin, Robert Elashoff, Philip J. Clements, Michael D. Roth, Daniel E. Furst, Richard M. Silver, Jonathan Goldin, Edgar Arriola, Charlie Strange, Marcy B. Bolster, James R. Seibold, David J. Riley, Vivien M. Hsu, John Varga, Dean Schraufnagel, Arthur Theodore, Robert Simms, Robert Wise, Fred Wigley, Barbara White, Virginia Steen, Charles Read, Maureen Mayes, Ed Parsley, Kamal Mubarak, M. Kari Connolly, Jeffrey Golden, Mitchell Olman, Barri Fessler, Naomi Rothfield, Mark Metersky, Dinesh Khanna, Ning Li and Gang Li. (2007). "Effects of 1-Year Treatment with Cyclophosphamide on Outcomes at 2 Years in Scleroderma Lung Disease." *Am J Respir Crit Care Med.* Vol 176, 1026-1034. PMCID: PMC2078679

40. Zhou, M. and Li, G. (2008). "Empirical Likelihood Analysis of the Buckley-James Estimator." *Journal of Multivariate Analysis,* **99**, 649-664. PMCID: PMC2583435

41. Elashoff, R., Li, G., Li, N. (2008). "A joint model for longitudinal measurements and survival data in the presence of multiple failure types." *Biometrics*, 64: 762-771. PMCID: PMC2751647

42. Li, G. and C.H. Tseng (2008). Nonparametric estimation of a survival function with two-stage design studies. *Scandinavian Journal of Statistics,* Vol. 35, No. 2. (June 2008), pp. 193-211. PMCID: PMC2729091

43. Woltering, EA, Salvo, A., O'Dorisio, TM, Lyons, J. III, Li, G, Zhou, Y, Vinik, AI, Mamikunian, P, and Mamikunian, G and Go, VLW (2008). "Clinical Value of Monitoring Plasma Octreotide Levels During Chronic Octreotide Long-Acting Repeatable Therapy in Carcinoid Patients." *Pancreas*, 37, 94-100. PMCID: PMC2698789

44. Hyun J Kim, Gang Li, David Gjertson, Robert Elashoff, Sumit K Shah, Robert Ochs, Fah Vasunilashorn, Matthew S Brown, Jonathan Goldin. (2008). "Classification of parenchymal abnormality in scleroderma lung using a novel approach to denoise images collected via a multicenter study." *Academic Radiology,* 15(8):1004-16. PMCID: PMC2584616

45. Li, G. and Zhou, K. (2008). " A Unified Approach to Comparison of Receiver Operating Characteristic Curves for Longitudinal and Clustered Data." *Journal of the American Statistical Association,* 103, 705-713. PMCID: PMC2832229

46. E.A Woltering, TM O'Dorisio, A.Vinik, V.L Go, G. Li, G.Mamikunian (2008). Comments on "Clinical Value of Monitoring Plasma Octreotide Levels During Chronic Octreotide Long-Acting Repeatable Therapy in Carcinoid Patients". Letter to the Editor, *Pancreas*, 37, 336-37.

47. E.A Woltering, TM O'Dorisio, A.Vinik, V.L Go, G. Li, G.Mamikunian (2008). E.A Woltering, TM O'Dorisio, A.Vinik, V.L Go, G. Li, G.Mamikunian (2008). Comments on "Clinical Value of Monitoring Plasma Octreotide Levels During Chronic Octreotide Long-Acting Repeatable Therapy in Carcinoid Patients". Letter to the Editor, *Pancreas*, 37, 338-39.

48. Li, N., Elashoff, R., and Li, G. (2009). "Robust joint modeling of longitudinal measurements and competing risks survival data." *Biometrical Journal*, 51(1):19-30. PMCID: PMC2726782

49. W.H. Hu, G. Li, and N. Li (2009). "A Bayesian Approach to Joint Analysis of Longitudinal Measurements and Competing Risks Failure Time Data." *Statistics in Medicine*, 29, 1601-1619. PMCID: PMC Journal -In Process

50. Li, G. and Lin, C.T. (2009). "Analysis of Two-Sample Censored Data Using A Semiparametric Mixture Model." *Acta Mathematica Applicatae Sinica*, 25(3), 389-398. PMCID: PMC Journal -In Process

51. Jonathan Goldin, Robert Elashoff, Hyun J. Kim, Xaiohong Yan, David Lynch, Diane Strollo, Michael D. Roth, Philip Clements, Daniel E. Furst, Dinesh Khanna, Srainnapha Vasunilashorn, Gang Li and Donald P. Tashkin (2009). "Treatment of Scleroderma Interstitial Lung Disease with Cyclophosphamide Is Associated with Less Progressive Fibrosis on Serial Thoracic HRCT than Placebo: Findings from the Scleroderma Lung Study", *CHEST*, 136, 1333 -1340. PMCID: PMC Journal -In Process

52. Shuch, B., Said, J., Rochelle, J.L., LaRochelle, J.C., Zhou, Y., Li, G., Klatte, T., Pouliot, F., Kabbinavar, F.F., Pantuck, A.J. , and Belldegrun, A.S.(2009). "Cytoreductive Nephrectomy for Kidney Cancer With Sarcomatoid Histology-Is Up-Front Resection Indicated and, if Not, is it Avoidable?" *The Journal of Urology*, 182(5), 2164-2171. PMCID: PMC Journal -In Process

53. Li, Gang and Lu, Xuyang (2009). Comments on "A Review on Empirical Likelihood Methods for Regression". *TEST*, 18, 463-467. PMCID: PMC Journal -In Process

54. Li, Ning; Elashoff, Robert; Li, Gang; Saver, Jeffrey (2010). "Joint modeling of longitudinal ordinal data and competing risks survival times and analysis of the NINDS rt-PA stroke trial." *Statistics in Medicine*, 29(5), 546–557. DOI: 0.1002/sim.3798. PMCID: PMC Journal -In Process

55. Shuch, B., Said, J., Rochelle, J.L., LaRochelle, J.C., Zhou, Y., Li, G., Klatte, T., Pouliot, F., Kabbinavar, F.F., Belldegrun, A.S., and Pantuck, A.J. (2010). "Histologic Evaluation of Metastases in Renal Cell Carcinoma with Sarcomatoid Transformation and its Implications for Systemic Therapy", *Cancer*, **116(3)**, 616-624. DOI: 10.1002/cncr.24768. PMCID: PMC Journal -In Process

56. Saju Joseph, Gang Li, Erika Lindholm, Ying Zhou, Vay Liang W. Go, Aaron I. Vinik, Thomas M. ODorisio, Gregg Mamikunian, and Eugene A. Woltering, (2010). "A Prospective Trial on the Effect of Body Mass Index and Sex on Plasma Octreotide Levels in Patients Undergoing Long-Term Octreotide LAR Therapy." *Pancreas*, 39(2), 273-274. PMCID: PMC Journal -In Process

57. Li, G. and Wu, T.T. (2010). "Semiparametric Additive Risks Regression for Two-Stage Design Survival Studies." *Statistica Sinica*, 20(4): 15811607. PMCID: PMC3175231

58. Huang, X., Li, G. and Elashoff, R.M (2010). "Robust Joint Modeling of Longitudinal and Competing Risks Survival Data with Heterogeneous Random Effects." *Statistics and Its Inference*, 3(2);185-196..

59. Huang, X., Li, G. and Elashoff, R.M (2011). "A General Joint Model for Longitudinal Measurements and Competing Risks Survival Data with Heterogeneous Random Effects" *Lifetime Data Analysis*, Vol 17, Number 1, 80-100, DOI: 10.1007/s10985-010-9169-6. PMCID: PMC3162577

60. Hyun J. Kim, Donald P. Tashkin, P. Clements, Gang Li, Matthew S. Brown, Robert Elashoff, David W. Gjertson, Fereidoun Abtin, David A. Lynch, Diane C. Strollo, Jonathan G. Goldin (2010). "A Computer Aided Diagnosis System for Quantitative Scoring of Extent of Lung Fibrosis in Scleroderma Patients." *The Journal of Clinical and Experimental Rheumatology*, 28(5 Suppl 62):S26-35. PMCID: 21050542..

61. John Gaspar, Edward M. Ornitz, Gang Li, and Xuyang Lu (2010). "The occurrence of lid closure in response to a startle stimulus when the orbicularis oculi EMG is below the threshold of detection." *Int. J. Psychophysiol.*, 77(3);281.

62. Altstein, L.L., Li, G. and Elashoff, R.M. (2011). "A Method to Estimate Treatment Efficacy Among Latent Subgroups of a Randomized Clinical Trial." *Statistics in Medicine*, 30(7): 709-717. PMCID: PMC3161831

63. Li, A., King, J., Moro, A., Sugi, M.D., Dawson, D.W., Kaplan, J., Li, G., Lu, X., Strieter, R.M., Burdick, M., Go, V.L.W., Reber, H.A., Eibl, G. and Hines, O.J. (2011). "Overexpression of CXCL5 Is Associated with Poor Survival of Patients with Pancreatic Cancer." *The American Journal of Pathology*, 178(3), 1340-1349. PMCID: PMC3069811.

64. H.J. Kim, PhD, M. Brown, PhD, R. Elashoff, PhD, **G. Li**, PhD, Gjertson, PhD, D.A. Lynch, MD, D. C. Strollo, MD, E. Kleerup, MD, R. Ochs, D. Chung, Sumit K. Shah, S Shama, Fereidoun Abtin, D. Tashkin, MD J.G. Goldin, MD, PhD (2011). "Quantitative texture-based assessment of one-year changes in fibrotic reticular patterns on HRCT in scleroderma lung disease treated with oral cyclophosphamide." *European Radiology*, DOI: 10.1007/s00330-011-2223-2.

65. Reicher, S., Boyar, F.Z., Albitar, M., Sulcova, V., Agersborg, S., Nga, V., Zhou, Y., **Li, G.**, Venegas, R., French, S.W., Chung, D.S., Stabile, B.E., Eysselein, V.E., and Anguiano, A. (2011). "Fluorescence In Situ Hybridization and K-ras Analyses Improve Diagnostic Yield of Endoscopic Ultrasound-Guided Fine-Needle Aspiration of Solid Pancreatic Masses." *Pancreas*, 40(7): 1057-1062.

66. Chung, G.H., Tucker, M.B., **Li, G.**, Zhou, X. and Hwang S. (2011). Exploratory analysis of verbal aggression in romantic relationships among unmarried men and women: Predictive patterns by gender and race. *Journal of Social and Personal Relationships*, 28(7) 1005-1023. DOI: 10.1177/0265407510397984

67. Xie, C., Kim, H.J., Haw, J.G., Kalbasi, A., Gardner, B.K., **Li, G.**, Rao, J., Chia, D., Liong, M., Punzalan, R.R., Marks, L.S., Pantuck, A.J., de la Taille, A., Wang, G., Mukouyama, H. and Zeng, G. (2011). A Novel Multiplex Assay Combining Autoantibodies Plus PSA Has Potential Implications for Classiffication of Prostate Cancer from Non-malignant Cases. *Journal of Translational Medicine*, 9:43. PMCID: PMC3102624

68. Assifi, M.M., Lu, X., Eibl, G., Reber, H.A., **Li, G.**, and Hines, O.J. (2011). "Neoadjuvant therapy in pancreatic adenocarcinoma: a meta-analysis of phase II trials." Surgery, 150(3): 466-473. PMCID: PMC3164966

69. Danielle A. Schlosser, Sarah Jacobson, Qiaolin Chen, , Catherine A. Sugar, Tara A. Niendam, **Gang Li**, Carrie E. Bearden, Tyrone D. Cannon (2011). "Recovery from an At-Risk State: Clinical and Functional Outcomes of Putatively Prodromal Youth Who Do Not Develop Psychosis." *Schizophrenia Bulletin*, doi:10.1093/schbul/sbr098. PMCID: PMC3494042 PMID: 21825282

70. Jonathan C. King, Qing-Yi Lu, **Gang Li**, Aune Moro, Hiroki Takahashi, Monica Chen, Vay Liang W. Go, Howard A. Reber, Guido Eibl, O. Joe Hine. (2012) "Evidence for activation of mutated p53 by apigenin in human pancreatic cancer." *Biochimica et Biophysica Acta*, 1823(2) 593604

71. Brendan Fong, Richard Jin, Xiaoyan Wang, Michael Safaee, Dominique N. Lisiero, Isaac Yang, **Gang Li**, Linda M. Liau, and Robert M. Prins (2012). "Monitoring of regulatory T cell frequencies and expression of CTLA-4 on T cells, before and after DC vaccination, can predict survival in GBM patients." *PLoS ONE* 7(4): e32614. doi:10.1371/journal.pone.0032614

72. Frederick Raal, Rob Scott, Ransi Somaratne, Ian Bridges, **Gang Li**, Scott M. Wasserman, Evan A. Stein. (2012) "LDL Cholesterol-lowering Effects of AMG 145, a Monoclonal Antibody to Proprotein Convertase Subtilisin/Kexin Type 9 Serine Protease in Patients with Heterozygous Familial Hypercholesterolemia: The RUTHERFORD Randomized Trial." *Circulation*, November 5, 2012, p.2408-2417. DOI: 10.1161/CIRCULATIONAHA.112.144055, PMID: 23129602; PMCID: Pending

73. Tseng, C.H., Elashoff, R.M., Li, N., and **Li, G.** (2012). "Robust inference for longitudinal data analysis with non-ignorable and non-monotonic missing values." *Statistics and Its Inference*, VOl 5, 479-490. PMCID: PMCID: PMC3883866

74. Robert M. Elashoff, **Gang Li**, and Ying Zhou (2012). "Nonparametric Inference for Assessing Treatment Efficacy in Randomized Clinical Trials with A Time-to-Event Outcome and All-or-None Treatment-Noncompliance." *Biometrika*, 99(2): 393-404; doi: 10.1093/biomet/ass004. PMCID: PMC3635705

75. N. Li, RM. Elashoff, **G. Li** and CH. Tseng (2012). Joint Analysis of Bivariate Longitudinal Ordinal Outcomes and Competing Risks Survival Times with Nonparametric Distributions for Random Effects *Statistics in Medicine*, 31:1707-1721. DOI: 10.1002/sim.4507. PMID: 22344869, PMCID: Pending

76. Lin, Huazhen; Zhou, Xiao-Hua; **Li, Gang** (2012). "A Direct Semiparametric Receiver Operating Characteristic Curve Regression with Unknown Link and Baseline Functions." *Statistics Sinica*, 22, 1427-1456. PMCID: Pending

77. Tseng, C.H., Elashoff, R.M., Li, N., and **Li, G.** (2012). "Longitudinal data analysis with non-ignorable missing data." *Statistical Methods in Medical Research*, published online 24 May 2012, DOI: 10.1177/0962280212448721. PMCID: PMC3883866

78. Eliane Angst, Jenny L. Park, Aune Moro, Qing-Yi Lu, **Gang Li**, Jonathan King, Monica Chen, Howard A. Reber, Vay Liang W. Go, David W. Dawson, Guido Eibl, Oscar J. Hines (2013). "The flavonoid quercetin inhibits pancreatic cancer growth in vitro and in vivo." *Pancreas*, 2013 Mar;42(2):223-9. doi: 10.1097/MPA.0b013e318264ccae. PMID: 23000892, PMCID: PMC3530623

79. Robert M. Prins, Ph.D., Xiaoyan Wang, Ph.D., Horacio Soto, M.S., Richard Everson, M.D., **Gang Li**, Ph.D., Timothy C. Cloughesy, M.D., Albert Lai, M.D., Ph.D., and Linda M. Liau, M.D., Ph.D. (2013). "Comparison of glioma-associated antigen peptide-loaded dendritic cells versus autologous tumor lysate-loaded dendritic cells for the treatment of malignant glioma patients." *Journal of Immunotherapy*. 2013 Feb;36(2):152-7. doi: 10.1097/CJI.0b013e3182811ae4. PMCID: PMC3568250.

80. Aric L Gregson, Xiaoyan Wang, S Sam Weigt, Vyacheslav Palchevskiy, Joseph P Lynch III, David J Ross, Bernard M Kubak, Rajan Saggar, Michael C Fishbein, Abbas Ardehali, **Gang Li**, Robert Elashoff, John A Belperio. "Interaction Between Pseudomonas and CXC Chemokines Increases Risk of BOS and Death in Lung Transplantation." *American Journal of Respiratory and Critical Care Medicine*, 2013 Mar 1;187(5):518-26. doi: 10.1164/rccm.201207-1228OC. Epub 2013 Jan 17. PMCID: PMC3733405

81. Frederic D. Birkhauser, Edward N. Rampersaud, Xiaoyan Wang, Nils Kroeger, Christine Anterasian, David Li, Frdric Pouliot, Nazy Zomorodian, Joseph Riss, **Gang Li**, Fairooz F. Kabbinavar, Allan J. Pantuck, Arie S. Belldegrun (2013). "Salvage Targeted Kidney Cancer Therapy in Patients Progressing on High Dose Interleukin-2 Immunotherapy: The UCLA Experience". *The Cancer Journal*, 2013 May-Jun;19(3):189-96. doi: 10.1097/PPO.0b013e318292e8a4. PMID: 23708063; PMCID- Pending

82. Ning Li; Michael J. Daniels, **Gang Li** and Robert M. Elashoff (2013). "An Exploration of Fixed and Random Effects Selection For Longitudinal Binary Outcomes in the Presence of Non-ignorable Dropout." *Biometrical Journal*, 2013 Jan; 55(1):17-37. doi: 10.1002/bimj.201100107. Epub 2012 Nov 2. PMCID: PMC3855104

83. Lily L. Altstein and **Gang Li** (2013). "Latent Subgroup Analysis of a Randomized Clinical Trial Through a Semiparametric Accelerated Failure Time Mixture Model." *Biometrics*, 2013 Mar;69(1):52-61. doi: 10.1111/j.1541-0420.2012.01818.x. PMCID: PMC3622121

84. Graham W Donald, MD, Dharma Sunjaya, MS, Xuyang Lu, PhD, Formosa Chen, MD, MPH, Barbara Clerkin, BSN, Guido Eibl, MD, Gang Li, PhD, James S Tomlinson, MD, PhD, Timothy R Donahue, MD, Howard A Reber, MD, Oscar J Hines, MD. (2013) "Prophylactic antibiotics for surgical site infection in pancreaticoduodenectomy:

Does the SCIP-approved regimen provide adequate coverage?". *SURGERY*, 154(2):190-6. doi: 10.1016/j.surg.2013.04.001. Epub 2013 May 10. PMID: 23664266; PMCID: Pending

85. G.W.Donald, M.Assifi, A.Moro, M.Chen, G.Eibl, H.A.Reber, D.Dawson, V.G.Li, O.J. Hines (2012). "Enhanced Growth of Syngeneic Pancreatic Cancer in CXCR2 Deficient Mice". *J Surg Res* 2012;172(2):309-310.

86. Mouad Edderkaoui, Aurelia Lugea, Hongxiang Hui, Guido Eibl, Qin-Yi Lu, Aune Moro, Xuyang Lu, Gang Li, Vay-Liang Go, and Stephen Pandol (2013). "Ellagic Acid and Embelin Affect Key Cellular Components of Pancreatic Adenocarcinoma, Cancer and Stellate Cells." *Nutrition and Cancer*, 65(8), 1232-1244. Oct 15, 2013,PMCID: PMC3909533

87. David W. Dawson, Graham Donald, Kathleen Hertzer, Vay Liang W. Go, Steven J. Pandol, Aurelia Lugea, Anna S. Gukovskaya, Gang Li, Oscar J. Hines, Enrique J. Rozengurt, and Guido Eibl (2013). "High Fat, High Calorie Diet Promotes Early Pancreatic Neoplasia in the Conditional KrasG12D Mouse Model" *CANCER PREVENTION RESEARCH*, 2013 Oct;6(10):1064-73. doi: 10.1158/1940-6207.CAPR-13-0065. Epub 2013 Aug 13. PMCID: PMC3835151

88. Frdric D Birkhuser, Richard C Koya, Caleb Neufeld, Xuyang Lu, Ewa D Micewicz, Thinle Chodon, Mohammad Atefi, Nils Kroeger, Edward N Rampersaud, Gadisetti VR Chandramouli, Gang Li, Jonathan W Said, William H McBride, Fairooz F Kabbinavar, Antoni Ribas, Allan J Pantuck, Arie S Belldegrun and Joseph Riss. (2013) "Dendritic cell-based immunotherapy in prevention and treatment of renal cell carcinoma: efficacy, safety, and activity of Ad-GMCAIX in immunocompetent mouse models." J Immunother. 2013 Feb;36(2):102-11. doi: 10.1097/CJI.0b013e31827bec97. PMID: 23377663; PMCID: Pending

89. Aric L Gregson, Xiaoyan Wang, S Sam Weigt, Vyacheslav Palchevskiy, Joseph P Lynch III, David J Ross, Bernard M. Kubak, Rajan Saggar, Michael C. Fishbein, Abbas Ardehali, Gang Li, Robert Elashoff, and John A Belperio. (2013). "Interaction between Pseudomonas and CXC Chemokines Increases Risk of Bronchiolitis Obliterans Syndrome and Death in Lung Transplantation." *Am J Respir Crit Care Med* 2013 Mar 1;187(5):518-26. doi: 10.1164/rccm.201207-1228OC. Epub 2013 Jan 17. PMID:23328531. PMCID: PMC3733405

90. Gregson AL, Wang X, Injean P, Weigt SS, Shino M, Sayah D, DerHovanessian A, Lynch JP 3rd, Ross DJ, Saggar R, Ardehali A, Li G, Elashoff R, Belperio JA. (2015). "Staphylococcus via an Interaction with the ELR+ CXC Chemokine ENA-78 is Associated with BOS." *American Journal of Transplantation*, Mar;15(3):792-9. doi: 10.1111/ajt.13029. Epub 2015 Feb 12. PMCID: PMC4336208

91. Li DR, Zhang H, Peek E, Wang S, Du L, Li G, Chin AI. Synergy of histone-deacetylase inhibitor AR-42 with cisplatin in bladder cancer. The Journal of urology. 2015 Aug 31;194(2):547-55. PMID: 25748177 [PubMed - indexed for MEDLINE]

92. Richard G. Everson, Joseph P. Antonios, Dominique N. Lisiero, Horacio Soto, Rudi Scharnweber, Matthew C. Garrett, William H. Yong, Ning Li, Gang Li, Carol A.

Kruse, Linda M. Liau and Robert M. Prins (2016). "Efficacy of systemic adoptive transfer immunotherapy targeting NY-ESO-1 for glioblastoma." *NEURO-ONCOLOGY*; 2016 Mar;18(3):368-78. doi: 10.1093/neuonc/nov153 PMID: 26330563 [PubMed - in process] PMCID: PMC4767237 [Available on 2017-03-01]

93. Kai-Tai Fang, Gang Li, Xuyang Lu, and Hong Qin (2013). An Empirical Likelihood Method for Semiparametric Linear Regression with Right Censored Data, *Computational and Mathematical Methods in Medicine*, vol. 2013, Article ID 469373, 9 pages. doi:10.1155/2013/469373 PMCID: PMC3612471

94. Lin, Huazhen; Jiang, Liang; **Li, Gang** (2014). "Semiparametric linear transformation model to estimate the causal effect for survival data." *Canadian Journal of Statistics* 42(1), 18-35, March 2014. Article first published online: 14 NOV 2013 DOI: 10.1002/cjs.11198; PMCID- Pending

95. **Li, G.** and Lu, X.Y. (2014). "A Bayesian Approach for Instrumental Variable Analysis with Censored Time-to-Event Outcome." *Statistics in Medicine*, published online 13 November 2014. DOI: 10.1002/sim.6369. PMCID: PMC4314427

96. Wu, T.T., **Li, G.**, and Tang, C.Y. (2015) "Empirical Likelihood for Censored Linear Regression and Variable Selection in High-Dimensional Data." *Scand J Statist*, Article first published online: 27 JAN 2015, DOI: 10.1111/sjos.12137 PMCID: Pending

97. **Li, G.** and Yang, Q. (2016). "Joint Inference for Competing Risks Survival Data." *Journal of the American Statistical Association*, 111(515), 1289-1300 PMCID: PMC6863485

98. Peng X.L., **Li, G.**, and Liu, Z.Q.(2016). "Zero-inflated Beta Regression for Differential Abundance Analysis with Metagenomics Data." *Journal of Computational Biology*, 23.2 (2016): 102-110. PMID: 26675626 [PubMed - as supplied by publisher], PMCID: Pending

99. Kathleen M. Hertzer, Mu Xu, Aune Moro, David W. Dawson, Lin Du, **Gang Li**, Hui-Hua Chang, Alexander P. Stark, Xiaoman Jung, O. Joe Hines, Guido Eibl (2016). "Robust Early Inflammation of the Peripancreatic Visceral Adipose Tissue During Diet-Induced Obesity in the KrasG12D Model of Pancreatic Cancer." *Pancreas*. 2016 Mar;45(3):458-65. doi: 10.1097/MPA.0000000000000497 PMID: 26495779 [PubMed - in process]

100. Melody Hsu, Shaina Sedighim, Tina Wang, Richard Everson, Alex Tucker, Joseph Antonios, Lin Du, Ryan Emerson, Erik Yusko, Catherine Sanders, Harlan Robins, William Yong, Tom Davidson, **Gang Li**, Linda Liau, and Robert Prins (2016). "TCR sequencing can identify and track tumor-specific T cell populations and is a predictive biomarker of response to DC vaccination in glioblastoma patients." *CANCER IMMUNOLOGY RESEARCH* 4(5); 4128. DOI: 10.1158/2326-6066.CIR-15-0240. PMCID: PMC4873445

101. Antonios, J.P., Soto, H., Everson, R.G., Orpilla, J., Moughon, D., Shin, N., Sedighim, S., Yong, W.H., **Li, G.**, Cloughesy, T.F. and Liau, L.M., (2016). "PD-1 blockade enhances the vaccination-induced immune response in glioma." *JCI Insight*, 2016 Jul 7;1(10).

102. Zhang H, Prado K, Zhang KX, Peek EM, Lee J, Wang X, Huang J, **Li G**, Pellegrini M, Chin AI. (2016). "Biased Expression of the FOXP3Δ3 Isoform in Aggressive Bladder Cancer Mediates Differentiation and Cisplatin Chemotherapy Resistance." *Clinical Cancer Research*. 2016 Nov 1;22(21):5349-5361. Epub 2016 May 17. PMID: 27189164

103. Wei Li, Alexa Cohen, Yin Sun, Jill Squires, Daniel Braas, Thomas G. Graeber, Lin Du, **Gang Li**, Zhen Li, Xufeng Chen, Jiaoti Huang (2016). "The Role of CD44 in Glucose Metabolism in Prostatic Small Cell Neuroendocrine Carcinoma." *MOLECULAR CANCER RESEARCH,* 2016 Apr 1;14(4):344-53. PMCID: PMC4834240

104. Dong, J., Estes, J. P., Li, G., and Senturk, D. (2016). A two-step estimation approach for logistic varying coefficient modeling of longitudinal data. *Journal of Statistical Planning and Inference*, 174, 38-51.

105. Liu, Z. and Li, G. (2016). "Efficient Regularized Regression with L0 Penalty for Variable Selection and Network Construction." *Computational and Mathematical Methods in Medicine*. Article ID 3456153, doi: 10.1155/2016/3456153. PMCID: PMC5098106

106. Joseph P. Antonios; Horacio Soto; Richard G. Everson; Diana Moughon; Joey R. Orpilla; Namjo P. Shin; Shaina Sedighim; Janet Treger; Sylvia Odesa; Alexander Tucker; William H. Yong; **Gang Li**; Timothy F. Cloughesy; Linda M. Liau; Robert M. Prins. (2017) "Immunosuppressive tumor-infiltrating myeloid cells mediate adaptive immune resistance via a PD-1/PD-L1 mechanism in glioblastoma." *Neuro-Oncology* 2017; doi: 10.1093/neuonc/now287. PMCID: PMC4951098

107. Hui-Hua Chang, Aune Moro, Kazuki Takakura, Hsin-Yuan Su, Allen Mo, Masako Nakanishi, Richard T. Waldron, Samuel W. French, David Dawson, Oscar Joe Hines, **Gang Li**, Vay Liang W. Go, James Sinnett-Smith, Stephen J. Pandol, Aurelia Lugea, Anna S. Gukovskaya, Michael O. Duff, Daniel W. Rosenberg, Enrique Rozengurt, Guido Eibl (2017) "Incidence of Pancreatic Cancer is Dramatically Increased by a High Fat, High Calorie Diet in KrasG12D Mice." *PLOS ONE*, 12(9), e0184455.

108. Yang, Q., W.K. Fung, and **Li, G.** (2017). "Sample size determination for jointly testing a cause-specific hazard and the all-cause hazard in the presence of competing risks." *Statistics in Medicine,* **38(12)**, 2139-2156, DOI - 10.1002/sim.7590, [Epub ahead of print].

109. H. Wang and **G. Li** (2017). "A Selective Review on Random Survival Forests for High Dimensional Data." *Quantiative Bio-Science*, Vol 36(2), 67-68. PMCID: PMC6364686

110. H. Wang, X.L., Chen, and **G. Li** (2017). "Survival Forests with R-squared Splitting Rules." *Journal of Computational Biology*, 2017 Dec 21. doi: 10.1089/cmb.2017.0107.

111. Conn, D., Ngun, T., **Li, G.**, and Ramirez, C.M. (2019). "Fuzzy Forests: Extending Random Forests for Correlated, High-Dimensional Data." *Journal of Statistical Software* 91(9). doi:10.18637/jss.v091.i09. (listed as in press in the last review)

112. Y. Liu, X.L. Chen, and **G. Li** (2019). "A new joint screening method for right-censored time-to-event data with ultra-high dimensional covariates." *Statistical Methods in Medical Research*, July 30, 2019, DOI: 10.1177/0962280219864710. (listed as tentatively accepted in the last review)

[113]. D. Conn and **G. Li** (2019) "An Oracle Property of The Nadaraya-Watson Kernel Estimator for High Dimensional Data." *Scadinavian Journal of Statististics*, 46(3), 735-764. DOI: 10.1111/sjos.12370

[114]. Hui Zhao, Dayu Sun, **Gang Li** and Jianguo Sun (2018). "Variable Selection for the Recurrent Event Data with Broken Adaptive Ridge Regression." *The Canadian Journal of Statistics*, Vol 46(3), 416-428. PMCID: PMC7523880

[115]. Dai, L., Chen, K., Sun, Z., Liu, Z, and **Li, G.** (2018). "Broken adaptive ridge regression and its asymptotic properties." *Journal of Multivariate Analysis*, Vol 168, 334-351. PMCID: PMC6430210

[116]. **Gang Li** & Xiaoyan Wang (2019). "Prediction Accuracy Measures for a Nonlinear Model and for Right-Censored Time-to-Event Data", *Journal of the American Statistical Association*, 114:528, 1815-1825, DOI: 10.1080/01621459.2018.1515079. PMCID: PMC7454169

[117]. Hui Zhao, Qiwei Wu, **Gang Li** & Jianguo Sun (2019). "Simultaneous Estimation and Variable Selection for Interval-Censored Data with Broken Adaptive Ridge Regression," *Journal of the American Statistical Association*, 115:529, 204-216,
DOI: 10.1080/01621459.2018.1537922

[118]. Hong Wang and **Gang Li** (2019). "Extreme Learning Machine Cox Model for High Dimensional Survival Analysis." *Statistics in Medicine*, 2019 May 30; 38(12): 2139-2156. DOI: 10.1002/sim.8090 PMCID: PMC6498851

[119]. Timothy F. Cloughesy, Aaron Y. Mochizuki, Joey R. Orpilla, Willy Hugo, Alexander H. Lee, Tom B. Davidson, Anthony C. Wang, Benjamin M. Ellingson, Julie A. Rytlewski, Catherine M. Sanders, Eric S. Kawaguchi, Lin Du, **Gang Li**, William H. Yong, Sarah C. Gaffey, Adam L. Cohen, Ingo K. Mellinghoff, Eudocia Q. Lee, David A. Reardon, Barbara J. OBrien, Nicholas A. Butowski, Phioanh L. Nghiemphu,1 Jennifer L. Clarke, Isabel C. Arrillaga-Romany, Howard Colman, Thomas J. Kaley, John F. de Groot, Linda M. Liau, Patrick Y. Wen, and Robert M. Prins (2019). "Neoadjuvant anti-PD-1 immunotherapy promotes a survival benefit with intratumoral and systemic immune responses in recurrent glioblastoma." *Nature Medicine*, 25(3), pp.477-486, https://doi.org/10.1038/s41591-018-0337-7, PMCID: PMC6408961

[120]. Kruttika Bhat; Kiri Sandler, MD; Sara Duhachek-Muggy, PhD; Claudia Alli; Fei Cheng, PhD; Neda A Moatamed, PhD; Clara Megyar, PhD; Lin Du, PhD; **Gang Li**; Susan McCloskey, MD; Erina Vlashi, PhD; Frank Pajonk (2019). "Serum Erythropoietin Levels, Breast Cancer and Breast Cancer-Initiating Cells." *Breast Cancer Research*, 21, article 17 https://doi.org/10.1186/s13058-019-1100-9; PMCID: PMC6354373

[121]. Hui Zhao, Dayu Sun, **Gang Li**, Jianguo Sun (2019). "Simultaneous Estimation and Variable Selection for Incomplete Event History Studies." *J. of Multivariate Analysis*, 2019, vol. 171, Issue C, 350-361. PMCID: PMC7523880

[122]. E. Kawaguchi, M. Suchard, Z.Q. Liu, and **G. Li** (2020). "A Surrogate L_0 Sparse Cox's Regression with Applications to Sparse High-Dimensional Massive Sample Size Time-to-Event Data." *Statistics in Medicine*, 39(6), 675-686, doi: 10.1002/sim.8438.

[123]. Ji, Matthew & Eldred, Blaine & Liu, Regina & Pianka, Sean & Molaie, Donna & Kevan, Bryan & Pan, Stephanie & Lai, Thomas & Nguyen, Nhung & Chow, Frances & Yong, William & Cox, Christopher & Reeh, Devin & Li, Tie & Liau, Linda & Nghiemphu, Phioanh & Cloughesy, Timothy & **Li, Gang** & Lai, Albert. (2020). "Targeted next-generation sequencing of 565 neuro-oncology patients at UCLA: A single institution experience. '' *Neuro-Oncology Advances*. 2(1), vdaa009. 10.1093/noajnl/vdaa009. PMCID: PMC7034640

[124]. Linlin Dai, Kani Chen and **Gang Li** (2020). "The Broken Adaptive Ridge Procedure and Its Applications." *Statistica Sinica*, doi:10.5705/ss.202018.0075

[125]. **G. Li**, J. Liang, J. Pan, G. Tian, X. Peng (2020). "Multivariate analysis and its applications." (in Chinese) *SCIENTIA SINICA Mathematica*, Vol 50(5), 571-584.

[126]. Liu Z., **Li G.**, Liu JS (2020). "New Algorithms in RNA Structure Prediction Based on BHG." *International Journal of Pattern Recognition and Artificial Intelligence*. Vol. 34, No. 13 (2020) 2050031 (14 pages) DOI: 10.1142/S0218001420500317

[127]. Y. Liu, J. Xu, and **G. Li** (2020). "Sure joint feature screening in nonparametric transformation model with right censored data." *Canadian Journal of Statistics*, DOI: 10.1002/cjs.11575

[128]. Takumi Saegusa, Tianzhou Ma, **Gang Li**, Ying Qing Chen, and Mei-Ling Ting Lee (2020). "Variable Selection in Threshold Regression Model with Applications to HIV Drug Adherence Data." *Statistics in Bioscience*, 12, pages 376398.

[129]. Giulia Polverari, Francesco Ceci, Roberto Passera, Jacquelyn Crane, Lin Du, **Gang Li**, Stefano Fanti, Nicholas Bernthal, Fritz Eilber, Martin Allen-Auerbach, Johannes Czernin, Jeremie Calais, Noah Federman (2020). "FDG PET/CT for evaluating early response to neoadjuvant chemotherapy in pediatric patients with sarcoma: a prospective single-center trial." *EJNMMI Research*, 2020; 10: 122. doi: 10.1186/s13550-020-00715-0; PMCID: PMC7561652

[130]. Aurelien Latouche, **Gang Li** and Qing Yang (2019). "Competing risks." Book chapter (21) in Halabi, S., & Michiels, S. (2019). *Textbook of Clinical Trials in Oncology: A Statistical Perspective*. Chapman and Hall/CRC.

[131]. **Gang Li** and Xiaoling Peng (2020). "A Review of Prof. Kai-Tai Fangs Contribution to the Education, Promotion, and Advancement of Statistics in China." Pages 49-65. Special invited book chapter (4) in Jianqing Fan & Jianxin Pan (2020). *Contemporary Experimental Design, Multivariate Analysis and Data Mining.* Springer International Publishing, Aug 16, 2020

[132]. Ning Li, Xiaoling Peng, Eric Kawaguchi, Marc A. Suchard and **Gang Li** (2021). "A scalable surrogate L0 sparse regression method for generalized linear models with applications to large scale data." *Journal of Statistical Planning and Inference, 231* , 262-281.

[133]. Eric S. Kawaguchi, Jenny I. Shen, Marc A. Suchard, and **Gang Li** (2021). "Scalable Algorithms for Large Competing Risks Data." *Journal of Computational and Graphical Statistics*, in press.

[134]. Ning Li, Yi Liu, Robert M. Elashoff and Gang Li (2021). A Flexible Joint Model for Multiple Longitudinal Biomarkers and A Time-to-Event Outcome: With Applications to Dynamic Prediction Using Highly Correlated Biomarkers. *Biometrical Journal,* in press.

[129]. E. Kawaguchi, J. I. Shen, **G. Li**, and M.A. Suchard (2021). "A Fast and Scalable Implementation Method for Competing Risks Data with the R Package *fastcmprsk*." *The R Journal*. in press.

[135]. Hong Wang, Ning Li, Shanpeng Li, and **Gang Li** (2021). "JMcmprsk:: An R Package for Joint Modelling of Longitudinal and Survival Data with Competing Risks" *The R Journal*. Accepted.

[136]. Linlin Dai, **Gang Li**, Kani Chen and Yuanyuan Lin (2021). "Metric Learning via Cross Validation". *Statistica Sinica*, accepted.

[137]. Zhihua Sun, Yi Liu, Kani Chen and **Gang Li** (2021). "Broken Adaptive Ridge Regression for Right-Censored Survival Data." *Annal of Institute of Statistical Mathematics*, accepted.

[138]. Etan Orgel, MD MS, Celia Framson, MPH RD CSP Rubi Buxton PT, DPT, Jiyoon Kim, MS, **Gang Li**, PhD, Jonathan Tucci, MD PhD, David R. Freyer, DO MS, Weili Sun, MD PhD, Matthew J Oberley, MD PhD Christina Dieli-Conwright, PhD MPH, and Steven D. Mittelman, MD PhD. (2020). Improving Diet and Exercise in Acute Lymphoblastic Leukemia to Augment Chemotherapy Efficacy (IDEAL): a Nonrandomized Controlled Trial. *Blood Advances*, accepted 1/17/2021.

Peer-reviewed Abstracts in the Annual Meetings of the Association of Research in Vision and Ophthalmology (ARVO)

[1] D.P. Tannenbaum, G. Li, D. Hoffman, T. Zeyen, J. Dong, and J. Caprioli. Identification of Glaucomatous Progression by Sector Analysis of Confocal Scanning Laser Ophthalmoscopy. *2002 Annual Meeting of the Association of Research in Vision and Ophthalmology (ARVO).* °

[2] M.C. Westcott, G. Li, K. Zhou, F. Yu, D. Hoffman, S. Law, A. Coleman, D. Gaasterland, J. Caprioli. A new approach for determining glaucomatous visual field deterioation using time series analysis. *2002 Annual Meeting of the Association of Research in Vision and Ophthalmology (ARVO).*

[3] S.H. Nam, H.M. Syed, S.K. Law, G.Li, A.Coleman, J.Caprioli. (2002). Baerveldt-350 Implant vs. Ahmed Valve for Refractory Glaucoma, a Case-controlled Comparison *2002 Annual Meeting of the Association of Research in Vision and Ophthalmology (ARVO).*

[4] D.C. Hoffman, G. Li, L. Jiang, D.E. Gaasterland, J. Caprioli. "Identifying Visual Field Progression with a Linear Mixed Model". Annual Meeting of the Association of Research in Vision and Ophthalmology, 2003.

[5] D.P. Tannenbaum, D.C. Hoffman, G. Li, K. Nie, K.Nouri-Mahdavi, T. Zeyen, J.Caprioli. "Probability of Change in Optic Nerve Head Topography with High Dimensional Analysis of Variance." Annual Meeting of the Association of Research in Vision and Ophthalmology, 2003. *Won the Second Annual Glaucoma Fellow Award which is is deemed "among the best in demonstrating originality and scientific excellence in the field of glaucoma research".*

[6] D.C. Hoffman, G. Li, K. Nie, K.Nouri-Mahdavi, D.E. Gaasterland, J.Caprioli. "Identifying visual field progression with high dimensional analysis of variance", Annual Meeting of the Association of Research in Vision and Ophthalmology, 2004.

[7] John S. Lam, Jean-Jacques Patard, John T. Leppert, Francois Guille, Bernard Lobel, Clement-Claude Abbou, Dominique Chopin, Alexandre De La Taille, Jacques Tostain, Luca Cindolo, Vincenzo Altieri, Vincenzo Ficarra, Walter Artibani, Tommaso Prayer-Galetti, Luigi Schips, Richard Zigeuner, Ning Li, Allan J. Pantuck, Gang Li, Robert A. Figlin, and Arie S. Belldegrun. PROGNOSTIC SIGNIFICANCE OF RENAL CELL CARCINOMA WITH ADRENAL GLAND INVOLVEMENT: AN INTERNATIONAL MULTICENTER EXPERIENCE. 2005

[8] JC King, Q-Y Lu, G Li, A Moro, HA Reber, VLW Go, G Eibl, OJ Hines (2010). Apigenin Induces Pancreatic Cancer Apoptosis Via a p53-Mediated Pathway. *2010 American Pancreatic Association Annual Meeting.*

[9] Frederic D Birkhaeuser, Caleb Neufeld, Richard Koya, Xuyang Lu, Ewa D Micewicz, Thinle Chodon, Mohammad Atefi, Nils Kroeger, Edward Rampersaud, Gadisetti VR Chandramouli, Gang Li, Jonathan W Said, Antoni Ribas, William H McBride, Fairooz F Kabbinavar, Allan J Pantuck, Arie S Belldegrun and Joseph Riss. (2012) "In vivo safety and efficacy of a novel dendritic cell based Ad-GMCAIX vaccine with activity against renal cell carcinoma". AACR, April 2, 2012.

Ph.D Students Directed (Chair or Co-Chair)

1. Chaofeng Liu, Ph.D., 2001, "Partial Linear Semi-parametric Additive Hazards Models for Randomly Censored Survival Time Data"
2. Chi-Hong Tseng, Ph.D., 2004, "Survival Analysis with Two Stage Design Studies" (Associate Professor, UCLA)
3. Jun Dong, Ph.D., 2004, "A Functional Logistic Regression Model for Longitudinal Data"
4. Kun Nie, Ph.D., 2004, "Hypothesis Testing of High Dimensional Data With Applications to Medical Image Analysis"

5. Luohua Jiang, Ph.D., Fall 2005, "Bayesian Hierarchical Modeling of Glaucomatous Visual Field Data" (Associate Professor, University of California at Irvine)

6. Nan Zhang, Ph.D., Spring 2005, "Sample Size Determination for Comparing Two Treatments in Competing Risk Model"

7. Ning Li, Ph.D., Fall 2005, "Joint Analysis of Longitudinal Measurements and Competing Risks Failure Time Data" (Associate Professor, UCLA)

8. Kefei Zhou, Ph.D., Spring 2006, "A Unified Approach to Nonparametric Comparison of Receiver Operating Characteristic Curves for longitudinal and Clustered Data"

9. Yu Zhao, Ph.D., Spring 2006, "Additive risks regression for survival data from two-stage designs"

10. Tongtong Wu, Ph.D., Fall 2006, "A Partial Linear Semiparametric Additive Hazard Model for Two-Stage Design Survival Studies" (Associate Professor, University of Rochester)

11. Hyun Jung Kim, Ph.D., Spring 2007 "Classification in Thoracic Computed Tomography Image Data" (Associate Professor, UCLA)

12. Wenhua Hu, Ph.D., Fall 07 "A Bayesian Approach to Joint Analysis of Longitudinal Measurements and Competing Risks Failure Time Data"

13. Xin Huang, Ph.D., Spring 2008 "Joint modeling of longitudinal measurements and competing risks survival data with heterogenious random effects"

14. Ma, Yingying, Ph.D., Summer 2008 "Comparing Two or More Correlated ROC Curves: A Monte Carlo Nonparametric Approach"

15. Lily Altstein, Ph.D., Spring 2010. "Accelerated Failure time models to Estimate Treatment Efficacy Among Latent Subgroups of a Randomized Trial"

16. Ying Zhou, Ph.D., Spring 2010. "Nonparametric and Semiparametric Inference for Treatment Efficacy in Randomized Clinical Trials with a Time-to-event Outcome and Non-compliance".

17. Xuyang Lu, Ph.D., Winter 2014. "Instrumental Variable Methods for Survival Data."

18. Qing Yang, Ph.D., Spring 2014. "Joint Inference for Competing Risks Survival Data". (Associate Professor, Duke University)

19. Daniel Conn, Ph.D. Spring 2018. "Nonparametric Survival Analysis with High Dimensional and Massive Size Data". (Postdoc, University of Wiscosin)

20. Eric Kawaguchi, Ph.D. Spring 2019 "Scalable Methods for Large Scale Survival Data". (Postdoc, University of Southern California)

SELECTED GRANTS AND CONTRACTS

NIH 1P01CA236585-01A1 (Eibl): Chemoprevention and Machanism of Pancreatic Adenocarinoma 2020-2025, Role: PI of Biostatistics subcore

R01 CA227089 (Nathanson) 06/08/2018 - 05/31/2023 Mammalian models for integrated metabolic and molecular profiling of malignant glioma. Role: Co-Investigator/Biostatistician

R01DAA026190-01A1 (Ray) 05/15/2018 - 02/28/2022 A Randomized Controlled Clinical Trial of the Neuroimmune Modulator Ibudilast for the Treatment of Alcohol Use Disorder. Role: Co-Investigator/Biostatistician

NIH CA211015 (Liau), UCLA Spore in Brain Cancer, 2017-2022, Role: PI of Biostatistics/Bioinformatics core

NIH Cancer Center Support Grant, Johnsson Cancer Center, 2007-2025, (Teitell, PI); Role: PI of BASE Shared Resource.

NIH R01 CA213133 (Nathanson), 2017- 2022, Targeting metabolic vulnerabilities in glioblastoma, Role: Co-I.

NIH U54 RR031268-01 (PI: Dubinett) UCLA Clinical and Translational Science Institute (CTSI), 2011-2021, Role: Co-Investigator/Biostatistician

NIH 1P01CA163200-01A1 (Eibl): Targeting diet-induced promotion of Kras-initiated Pancreatic adenocarcinoma 2012-2017, Role: PI of Biostatistics core

NIDA R01DA041226, Ray(PI) , 09/01/15-08/30/18, "Combining varenicline and naltrexone for smoking cessation and drinking reduction". Role: Co-Investigator/Biostatistician

NIH P01 CA177322-01A1, Sun (PI) , 09/19/14-08/31/19 Innate Immune Responses and Vaccines Against Tumor-Associated Herpesviruses, Role: Co-Investigator/Biostatistician

NIH/NCI 1R01CA172603-01A1, Huang (PI) , 07/01/13-05/31/16 "A Novel Strategy to Identify Prostate Cancer Biomarkers for Patient Management." Role: Co-Investigator/Biostatistician

NIH R01 Grant: Auto-antibody plus PSA assay for patients with Prostate cancer (PI: Zeng), 2012-2015, Role: Co-Investigator/Biostatistician

NIH Program Project Grant, 2010-2015, (David Baltimore, PI; $15,000,000) "Stem cell-engineered tumor immunity in man". Role: Co-PI/PD of Biostatistics Core.

NIH Grant, UCLA Center for Excellence in Pancreatic Diseases, 2007-2013, (William V.L. Go, PI; $5,000,000) : PI/PD of Biostatistics core.

NIH Cancer Center Support Grant, Johnsson Cancer Center, 2007-2012, (Judith Gasson, PI; $15,000,000); Role: PI of Biostatistics Shared Resource.

NIH/Fogarty (ICOHRTA) U2R TW006918 (Wu/Detels), 2010-2014 (Co-investigator)

P50 MH66286 (Nuechterlein) NIMH Center for Neurocognition and Emotion in Schizophrenia 2010-2015 , Role: Co-Investigator/Biostatistician

NIH 1R21CA137651-01A1 (Gang Zeng, PI; $264,000), Auto-antibody plus PSA assay for patients with prostate cancer: 2009-2011: Role: Co-Investigator/Biostatistician

1 UA3MC11055-01-00 (Kasari, PI; $3,000,000), Autism Intervention Network on Behavioral Health (AIR-B Network): 2008-2011: Role: Co-Investigator/Biostatistician

NIH grant, China Multidiciplinary AIDS Prevention Training Program, 2004-2009, (Detels): $1,250,368 Role: Co-Investigator

UCLA Semel Institute for Neuroscience and Human Behavior (Consulting); 2007-2008: 35%

UCLA Semel Institute for Neuroscience and Human Behavior (Consulting); 2005-2007: 25%

NIMH R01 MH065707 Green (PI), The Genetics of Endophenotypes and Schizophrenia 2002-2009: 10%

NIH Core Grant, Johnsson Cancer Center, 2000-2006, (Judith Gasson, PI); Role: Co-I

National Eye Institute Grant, 2001-2006, (Caprioli, PI); $1,194,675; Role: Co-I

NIH/NICHD 9RO1HD39954 (Tucker, PI): 2000-2006: Role: Co-I

NIMH R01 MH64542 Kopelowicz (PI): Role: Co-I

05DC-008 (Altshuler, PI), 2003-2006: Role: Co-I

NIH grant, FIRST AWARD, 1998-2003 (PI, 50%): "Topics on Semiparametric Methods for Survival Data". Role: Principal Investigator

UCLA Faculty Research Grant, 1999-2000 : Role: PI

UCLA Faculty Career Development Award, 1998-1999. Role: PI

NSF Grant for SGI Computer (1995, joint with Droyster, Lucas, Oh, and Sun). $46000. Role: Co-PI

UNCC Faculty Research Grants, 1994, 1995, and 1997. Role: PI

NSF travel grant to IMS Young Researchers' Meetings, 1993.
%item

COURSES TAUGHT

- 1988-92, Florida State University:

  Stat3014 Business Statistics

- 1992-93, Purdue University:

  Stat503 Statistics for Biological Sciences
  Stat511 Statistics for Engineers
  Stat512 Applied Statistics II

- 1993-97, University of North Carolina at Charlotte

  Math1100 College Algebra
  Stat1220 Elements of Statistics (BUSN)
  Stat1222 Elements of Statistics (SBS)
  Stat2122 Introduction to Probability and Statistics
  Stat5123 Applied Statistics I
  Stat5124 Applied Statistics II
  Stat5126 Theory of Statistics I
  Stat5127 Theory of Statistics II
  Math7691 Survival Analysis
  Math7691 Generalized Linear Models
  Math7691 Nonparametric Regression
  Math7691 Statistical Models in S-PLUS

- 1997-present, UCLA

  Biostat 110B, Winter 1998 Basic Statistics
  Biostat 115, Spring 1998 Topics in Estimation
  Biostat M215, Fall 1998 Survival Analysis
  Biostat 110B, Winter 1999 Basic Statistics
  Biostat M215, Fall 1999 Survival Analysis
  Biostat 110B, Winter 2000 Basic Statistics
  Biostat 277, Spring 2001 Robustness and Modern Nonparametrics
  Biostat 245, Spring 2001 Advanced Seminar in Biostatistics
  Biostat 599, Spring 2001 Research-Dissertation
  Biostat M215, Fall 2001 Survival Analysis(15)
  Biostat 599, Fall 2001 Research-Dissertation(2)
  Biostat 596, Winter 2002 Indirected Individual Study(1)
  Biostat 597, Winter 2002 Prep. for Coms and Qualifying Exams(1)
  Biostat 599, Winter 2002 Research-Dissertation(3)
  Biostat 596, Spring 2002 Indirected Individual Study(1)
  Biostat 597, Spring 2002 Prep. for Coms and Qualifying Exams(1)
  Biostat 599, Spring 2002 Research-Dissertation(3)
  Biostat 115, Spring 2002 Topics in Estimation (16)
  Biostat 245, Spring 2002 Advanced Seminar(28)

Biostat 597, Fall 2002	Prep. for Coms and Qualifying Exams (1)
Biostat 599, Fall 2002	Research-Dissertation(1)
Biostat M215, Fall 2002	Survival Analysis (18)
Biostat 599, Winter 2003	Research-Dissertation (4)
Biostat M215, Fall 2003	Survival Analysis (18)
Biostat 596, Fall 2003	Indirected Individual Study (5)
Biostat 597, Fall 2003	Prep. for Coms and Qualifying Exams (2)
Biostat 599, Fall 2003	Research-Dissertation (4)
Biostat 100B, Winter 2004	Introduction to Biostatistics (80)
Biostat 596, Winter 2004	Indirected Individual Study (4)
Biostat 597, Winter 2004	Prep. for Coms and Qualifying Exams (2)
Biostat 599, Winter 2004	Research-Dissertation (6)
Biostat 296, Spring 2004	Reserach Topics in Biostatistics (10)
Biostat 596, Spring 2004	Indirected Individual Study (4)
Biostat 597, Spring 2004	Prep. for Coms and Qualifying Exams (1)
Biostat 599, Spring 2004	Research-Dissertation (5)
Biostat M215, Fall 2004	Survival Analysis
Biostat 296, Fall 2004	Reserach Topics in Biostatistics
Biostat 596, Fall 2004	Indirected Individual Study
Biostat 597, Fall 2004	Prep. for Coms and Qualifying Exams
Biostat 599, Fall 2004	Research-Dissertation
Biostat M215, Fall 2005	Survival Analysis
Biostat 296, Fall 2005	Reserach Topics in Biostatistics
Biostat 596, Fall 2005	Indirected Individual Study
Biostat 597, Fall 2005	Prep. for Coms and Qualifying Exams
Biostat 599, Fall 2005	Research-Dissertation
Bios 400, Winter 06	Field Studies
Bios 596, Winter 06	Directed Individual Study
Bios 597, Winter 06	Prep. for MS Comp. Exams and Ph.D Qualifying Exams
Bios 599, Winter 06	Research-Diss
Bios 245,Spring 06	Advanced Seminar
Bios 296, Spring 06	Research Topics in Biostatistics
Bios 596, Spring 06	Directed Individual Study
Bios 599, Spring 06	Research-Diss
M215, Fall 06	Survival Analysis
Bios 596, Fall 06	Directed Individual Study
Bios 597, Fall 06	Prep. for MS Comp Exams and Ph.D Qualifying Exams
Bios 599, Fall 06	Research-Diss
Bios 245, Winter 07	Advanced Seminar
Bios 596, Winter 07	Directed Individual Study
Bios 597, Winter 07	Prep. for MS Comp Exams and Ph.D Qualifying Exams
Bios 599, Winter 07	Research-Diss
Bios 240, Spring 07	MS Seminar and Research
Bios 277, Spring 07	Robustness and Modern Nonparametrics
Bios 596, Spring 07	Directed Individual Study
Bios 597, Spring 07	Prep. for MS Comp Exams and Ph.D Qualifying Exams
Bios 599, Spring 07	Research-Diss

Biostat M215, Fall 2007	Survival Analysis
Bios 245, Fall 07	Advanced Seminar
Bios 599, Fall 07	Research-Diss
Bios 245, Winter 08	Advanced Seminar
Bios 596, Winter 08	Directed Individual Study
Bios 597, Winter 08	Prep. for MS Comp Exams and Ph.D Qualifying Exams
Bios 599, Winter 08	Research-Diss
Bios 240, Spring 08	MS Seminar and Research
Bios 596, Spring 08	Directed Individual Study
Bios 597, Spring 08	Prep. for MS Comp Exams and Ph.D Qualifying Exams
Bios 599, Spring 08	Research-Diss
Biostat M215, Fall 2008	Survival Analysis
Bios 245, Fall 08	Advanced Seminar
Bios 599, Fall 08	Research-Diss
Bios 245, Winter 09	Advanced Seminar
Bios 277, Winter 09	Statistical Methods for Clinical Trials
Bios 596, Winter 09	Directed Individual Study
Bios 599, Winter 09	Research-Diss
Bios 240, Spring 09	MS Seminar and Research
Bios 596, Spring 09	Directed Individual Study
Bios 597, Spring 09	Prep. for MS Comp Exams and Ph.D Qualifying Exams
Bios 599, Spring 09	Research-Diss
Bios 599, Fall 09	Research-Diss
Bios 596, Fall 09	Directed Individual Study
M215, Winter 10	Survival Analysis
Bios 596, Winter 10	Directed Individual Study
Bios 599, Winter 10	Research-Diss
Bios 596, Spring 10	Directed Individual Study
Bios 597, Spring 10	Prep. for MS Comprehensive Exams and Ph.D Qualifying Exams
Bios 599, Spring 10	Research-Diss
M215, Fall 10	Survival Analysis
Bios 596, Fall 10	Directed Individual Study
Bios 599, Fall 10	Research-Diss
Bios 400, Summer 2011	Field Studies
Biostat M215, Fall 2011	Survival Analysis
Bios 400, Fall 11	Field Studies
Bios 596, Fall 11	Prep. for MS Comp Exams and Ph.D Qualifying Exams
Bios 597, Fall 11	Research-Diss
Bios 596, Winter 12	Directed Individual Study
Bios 597, Winter 12	Prep. for MS Comp Exams and Ph.D Qualifying Exams
Bios M238, Spring 12	Meth-Clinical Trial
Bios 596, Spring 12	Directed Individual Study
Bios 597, Spring 12	Prep. for MS Comp Exams and Ph.D Qualifying Exams
Biostat M215, Fall 2012	Survival Analysis
Bios 597, Fall 2012	Prep. for MS Comp Exams and Ph.D Qualifying Exams
Bios 599, Fall 2012	Research-Diss

To be updated

OTHER PROFESSIONAL ACTIVITIES SINCE 1999

Referee	Over 15 papers each year for more than 15 journals including Annals of Statistics, JASA, JRSS-B, Biometrics, Statistics in Medicine, Statistica Sinica, JMVA, and Biometrika
Topic-contributed Talk	High-dimensional survival data methods JSM 2020 (Aug 1-6 in Philadelphia)
Invited Talk	Conference on Lifetime Data Science: Foundations and Frontiers, Pittisburg, May 2019
Invited talk	12th International Conference of the ERCIM WG on Computational and Methodological Statistics 13th International Conference on Computational and Financial Econometrics, University of London, UK 14-16 December 2019
Invited Talk	Statistical Society of Canada, Calgary, May 2019
Invited Talk	University of North Carolina at Chapel Hill, March 2019
Invited Talk	The State University of New York at Buffalo, August 2018
Instructor	JSM 2018 CE Course: Joint Modeling of Longitudinal and Survival Data
Invited Talk	JSM, Vancouver, August 2018
Invited Talk	Sichuan University, July 2018
Invited Talk	International Conference on Frontiers of Data Science, Hangzhou, May 2018
Invited Talk	University of California at Riverside, April 2018
Invited Talk	University of California at Irvine, November 2017
Invited Talk	University of Maryland at College Park, October 2017
Invited Talk	National University of Singapore July 2017
Invited Talk	Hong Kong University, June 2017
Invited Talk	Qingdao University, June 2017
Invited Lecturer	2017 OUC Survival Analysis Workshop , June 2017
Invited Talk	2017 LIDA Conference, May 2017
Invited Talk	2016 ICSA Int'l Conference, December 2016
Invited Talk	2016 OUC Winter Wrokshop, December 2016
Invited Talk	2016 ENAR Meeting, March 2016
Invited Talk	HKUST, February 2016
Invited Talk	HKU, January 2016
Invited Lecture	Survival Analysis Workshop, Jan 2016, HKU
Invited Talk	Ocean University of China, April 2015
Invited Talk	Hangzhou Cancer Hospital, China, May 2015
Invited Talk	Seoul National University, May 2015
Invited Talk	Cedars-Sinai Samuel Oschin Comprehensive Cancer Institute, November 2014
Invited Talk	2014 International Indian Statistical Association (IISA) conference, July 2014
Invited Talk	WNAR/IMS Conference, Hawaii, June 2014
Invited Talk	University of California at Santa Barbara, May 2014

Invited Talk	The 2nd International Conference on Engineering and Computational Mathematics (ECM2013), Hong Kong, Dec 2013
Invited Talk	2013 ICSA International Conference, Hong Kong, Dec 2013
Invited Talk	University of North Carolina at Chapel Hill, April 2013
Invited Talk	Chinese Ocean University, Dec 2013
Invited Talk	Joint International Workshop on Frontiers of Statistics, Kunming, 2012
Poster presentation	The 33rd Annual Conference of the International Society for Clinical Biostatistics, Norway, August 2012
Invited Talk	UCLA CEPD Seminar, April 2012
Invited Talk	IMS-China Meeting, Xian July 2011
Invited Talk	International Workshop on Clinical Trials, Jilin, July 2011
Invited Talk	The 2nd International Symposium on Biopharm Statistics, Berlin, Feb 2011
Invited Talk	ENAR Meeting, Miami, March 2011
Special topic talk	Joint Statistical Meetings, Vancouver, August 2010
Invited Talk	Conference on Statistics Analysis of Complex Data, Kunming, July 2010
Invited Talk	Conference on Statistics Analysis of Complex Data, Kunming, July 2010
Invited Talk	Joint Statistical Meetings, DC, August 2009
Invited Talk	Yale University, November 2008 Joint modeling of longitudinal and survival data
Invited Talk	Joint Statistical Meetings, Denver, August 2008 Subgroup analysis for assessing treatment efficacy with a survival outcome
Invited Talk	U. of California at San Francisco, June 2008 Joint modeling of longitudinal and survival data
Invited Talk	Brunel University, UK, May 2008 Joint modeling of longitudinal and competing risks survival data
Invited Talk	University of Manchester, UK, May 2008 Joint modeling of longitudinal and competing risks survival data
Invited Talk	MD Anderson Cancer Institute, November 2007 Joint analysis of longitudinal and survival data
Invited Talk	Hong Kong University, July 2007
Invited Talk	Beijing University, July 2007
Invited Talk	Zhuhai International College, July 2007
Invited Talk	2007 Taipei International Statistical Symposium and ICSA International Conference, June 2007
Invited Talk	Conference on nonparametric statistics, survival analysis and reliability, Tallahassee, FL, April 2007
Invited Talk	"ROC Analysis for Clustered Data" International Conference on Frontiers in Statistics, July 2006
Invited Talk	"Joint modeling of longitudinal and survival data" International Conference on Design of Experiments and Its Applications, July 2006

Discussant	Invited Session on Survival Analysis with Medical Applications JSM 2006
Invited Talk	Beijing University, Beijing, China, Dec 2006
Invited Talk	University of Washington, June 2005
Invited Talk	Tsinghua University, Taiwan, Jan. 2004
Invited Talk	Academia Sinica, Taiwan, Jan., 2004
Invited Lecture Series	Tamkang University, Taiwan, Jan 5-6. 2004
Invited Talk	ICSA Applied Statistics Symposium, June, 2004
Invited Talk	HK Baptist University, Aug. 2004
Invited Talk	Chinese Academy of Sciences, Beijing, China, Aug. 2004
Invited Talk	University of Maryland, October, 2004
Invited Talk	ICSA Applied Statistics Symposium, San Diego, June 6-9, 2004
Invited Talk	Nonparametric Statistics Conference, Crete, Greece, July 2002
Invited Talk	Joint Statistical Meetings, New York, August 2002
Invited Talk	HK University of Science and Technology 2001
Invited Talk	National University of Singapore, 2001
Invited Talk	EMAR/IMS Meeting, March 2001
Invited Talk	Florida State University 2000
Contributed talk	MCQMC International Conference, Hong Kong 2000
Invited Talk	HK Baptist University 2000
Invited Talk	Chinese HK University 2000
Invited Talk	University of Missouri, 1999
Contributed talk	Joint Statistical Meetings 1999
Organizer	Distinguished Lectures on Survival Analysis IMS-China Meeting July 2011
Organizer	Special topic session on semiparametric Bayesian methods JSM 2010
Organizer	Invited session on statistical methods for analysis of clinical trials JSM 2009
Organizer	WNAR-sponsored topic-contributed session on joint modeling of longitudinal and survival data, JSM 2007
Organizer	Invited session on Advances in Bioinformatics and Biostatistics Taipei International Statistical Symposium and ICSA International Conference, June 2007
Organizer	Invited session on clinical trials and survival analysis WNAR/IMS Annual Meetings, June 2006
Organizor and Chair	IMS Invited Session: "Empirical Likelihood" Joint Statistical Meetings, Toronto, August 7-12, 2004
Organizor and Chair	Invited Session: "Survival Analysis" ICSA Applied Statistics Symposium, San Diego, June 6-9, 2004
Organizer	Invited Session: "Survival Analysis" WNAR/IMS Meeting, June, Los Angeles, 2002
Organizor and Chair	Invited Session: "Recent development in semiparametric likelihood inference", ICSA Applied Statistics Symposium, June 2000
External Reviewer	Hong Kong Research Grant Council, 1999, 2000
Chair	Contributed session "Proportional hazards models and methods" Joint Statistical Meetings, 1999

GANG LI

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University of California
Los Angeles, CA 90095-1772

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Fax: (310) 267-2113

EDUCATION

Ph.D.	(Statistics)	Florida State University	1992
M.S.	(Statistics)	Florida State University	1990
B.A.	(Mathematics)	Shandong College of Oceanography	1983

POSITIONS AND EMPLOYMENT

Visiting Assistant Professor	Department of Statistics, Purdue University	1992-1993
Assistant Professor	Department of Mathematics University of North Carolina at Charlotte	1993-1997
Assistant Professor	Department of Biostatistics, UCLA	1997-1999
Associate Professor	Department of Biostatistics, UCLA	1999–2005
Professor	Department of Biostatistics, UCLA	2005–
Director	Biostatistics, Analytical Support, and Evaluation (BASE) Shared Resource, UCLA's Jonsson Comprehensive Cancer Center	2007–

ACADEMIC HONORS AND AWARDS

Top 10% most cited PLOS ONE author in 2017

ASA LIDA Achievement Award, 2016 (Most-cited LIDA author from 2011-2015).

Elected Fellow, American Statistical Association, 2010

Elected Fellow, Institute of Mathematical Statistics, 2008

Elected Member, International Statistical Institute, 2000

Elected Fellow, Royal Statistical Society, 1999

Elected Member, Iota Chapter of Delta Omega Society, 1999

R. A. Bradley Award (for the best doctoral dissertation), 1992. Department of Statistics, Florida State University.

Best First Year Graduate Student Award, 1989. Department of Statistics, Florida State University.

OTHER SIGNIFICANT PROFESSIONAL EXPERIENCE

Associate Editor	Biometrics	2010–2018
Associate Editor	Journal of Nonparametric Statistics	2007–2014
Editorial Board	Quantitative Bio-Science	2016-present
Chair	ICSA Special Lecture Committee	2021-2022
Scientific Program Committee	2020 ICSA-China Conference, Wuhan	June 26-29, 2020
Scientific Program Committee	2019 ICSA-China Conference, Tainjin	July 1-4 2019
Member	ICSA Special Lecture Committee	2018-2019
Chair	ICSA Special Lecture Committee	2017-2018
Chair, Program Committee	2018 ICSA China Conference, Qingdao	July 2-5 2018
Program Committee	5th Joint Biostatistics Symposium, Guanzhou	July 6-7 2018
Evaluation Committee	Student Paper Competition 2017 LIDA Conference, Connecticut	May 2017
Co-Chair, Organizing Committee	OUC Workshop on Complex Data, Qingdao	Dec. 2016
Co-Chair, Program Committee	2016 ICSA International Conference, Shanghai	2016
Co-Chair, Organizing Committee	2016 International Workshop on Biostistics & Bioinformatics, Qingdao, July 4-5 2016	2016
Chair, Program Committee	Int'l Biometrics Society WNAR Meeting	2009
Chair, Short Course Committee	ICSA Applied Statistical Symposium	2009
Chair, Program Committee	Joint Statistical Meetings, WNAR	2008
Co-Chair, Program Committee	ICSA Applied Statistics Symposium,	2003
Co-Chair, Program Committee	ICSA Applied Statistics Symposium,	2004
Chair	IMS Local Committee WNAR/IMS Meeting, June, Los Angeles,	2002
Student Awards Committee	Joint 24th ICSA Applied Statistics Symposium and 13th Graybill Conference	2015
Program Committee	ICSA Applied Symposium	2016
Member	ASA/ICSA Lingzi Lu Memorial Award Committee	2014, 2015
Member	UC BERDConnection Steering Committee	2014
Program Committee	The 3rd Joint Biostat Symposium, Chengdu	2014
Program Committee	The 2nd Joint Biostat Symposium, Bejing	2012
Scientific Committee	The IMS-China Annual Meeting, XiAn	2011
Scientific Committee	The 1st Joint Biostat Symposium, Bejing	2010
Scientific Committee	Int'l Conf. on Complex Data Anal., Kunming	2010
Member, Executive Committee	ICSA Applied Statistical Symposium	2009
Member, Review Panel	National Science Foundation	
Member, Scientific Committee	International Conference on Statistics, HK	2005
Member	ICSA Symposium Committee	2004
Member	UCLA Internal Scientific Peer Review Committee (ISPRC)	2008–
Executive Committee	NIH P01 Program Project: Targeting diet-induced promotion of Kras-initiated Pancreatic adenocarcinoma	2012-17

Executive Committee	UCLA Botanical Center Application	2014
Executive Committee	UCLA Brain SPORE Application	2011-15
Executive Committee	UCLA Pancreatic SPORE Application	2012-13
Member	Data Safety and Monitoring Board, "A new paradigm of cardiovascular MRI for pediatric congenital heart disease"	2016 -

RESEARCH INTERESTS

Survival analysis, nonparametric and semiparametric inference, large-scale high dimensional data analysis, longitudinal data analysis, analysis of receiver operating characteristic (ROC) curves, clinical trials and cancer research.

MONOGRAPHS

Fan, J. and Li, G. Editors, (2005). *Contemporary experimental designs and multivariate analysis*, World Scientific.

Elashoff, R.M., Li, G., and Li, N. (2016). *Joint Modeling of Longitudinal and Time-to-Event Data*. Chapman & Hall/CRC Monographs on Statistics & Applied Probability

Ding-Geng (Din) Chen, Zhezhen Jin, Gang Li, Yi Li, Aiyi Liu, and Yichuan Zhao, Editors, (2017). *New Advances in Statistics and Data Sciences.* ICSA Book Series in Statistics, Springer

PEER-REVIEWED PUBLICATIONS

1. Li, G. (1987). Moments of random vectors and their quadratic forms. *Chinese J. of Statist. and Appl. Prob.* **2** 219-229. Aslo collected in *Statistical Inference In Elliptically Contoured And Related Distributions*, 1990. Edited by K. T. Fang and T. W. Anderson. Allerton Press, New York.

2. Li, G. and Fang, K. T. (1992). The Ramanujan q-extension for the exponential function and some statistical distributions. *ACTA Mathematicae Applicatae Sinica,* **8**, 264-280.

3. Li, G. and Doss, H. (1993). Generalized Pearson-Fisher chi-square goodness-of-fit tests, with applications to models with life history data. *Annals of Statistics,* **21**, 772-797.

4. Li, G. and Doss, H. (1995). An approach to nonparametric regression for life history data using local linear fitting. *Annals of Statistics,* **23**, 787-823.

5. Li, G. (1995). Nonparametric likelihood ratio estimation of probabilities for truncated data. *Journal of the American Statistical Association,* **431**, 997-1003.

6. Li, G. (1995). On nonparametric likelihood ratio estimation of survival probabilities for censored data. *Statistics and Probability Letters*, Vol. 25, 95-104.

7. Li, G., Hollander, M., McKeague, I., and Yang, J. (1996). Nonparametric likelihood ratio confidence bands for quantile functions from incomplete survival data. *Annals of Statistics,* **24**, 628-640.

8. Li, G., Tiwari, R.C., and Wells, M. (1996). Quantile comparison functions in two-sample problems: with applications to comparisons of diagnostic markers. *Journal of the American Statistical Association,* **91**, 689-698.

9. Zhang, Z. and Li, G. (1996). A simple quantile approach to the two-sample location-scale problem with random censorship. *J. of Nonparametric Statistics*, Vol. 6, 323-335.

10. Chen, K. W., Li, G., Sun, Y., and Chow, S. C. (1996). A confidence region approach for assessing equivalence in variability of bioavailability. *Biometrical Journal,* **38**, 475-487.

11. Li, G. (1997). Optimal rate local smoothing in a multiplicative intensity counting process model. *Journal of Mathematical Methods of Statistics* **2**, 224-244.

12. Li, G., Qin, J., and R.C. Tiwari (1997). Semiparametric likelihood ratio based inferences for truncated data. *Journal of the American Statistical Association* **92**, 236-245.

13. Chen, K. W., Li, G., Sun, Y., and Chow, S. C. (1997). Interval estimation for mean ratio and variability ratio in the crossover design. *Biometrical Journal* **8**, 989-1002.

14. Chen, K., Chow, S.C., and Li, G. (1997). A note on sample size determination for bioequivalence studies with higher-order crossover designs. *Journal of Pharmacokinetics and Biopharmaceutics* **25**, 753-765.

15. Li, G. and Qin, J. (1998). Semiparametric likelihood based inferences for biased and truncated data when the information of total sample size is available. *Journal of the Royal Statistical Society, Ser. B* **60**, 243-254.

16. Kyriakoussis, A., Li, G., and Papadopoulos, A. (1998). On characterization and goodness-of-fit test of some discrete distribution families." *Journal of Statistical Planning and Inference* **74**, 215-228.

17. Sun, Y., Chow, S. C., Li, G., and Chen, K. W. (1999). Assessing distributions of estimated drug shelf-lives in marketing stability study. *Biometrics* **55**, 896-899.

18. Li, G., Tiwari, R.C., and Wells, M. (1999). Semiparametric inference for shift functions: with applications to receiver operating characteristic curves. *Biometrika,* **86**, 487-502.

19. Li, G. and Sun, Y.Q. (2000). A Simulation-Based Goodness-of-Fit Test for Survival Data. *Statistics and Probability Letters*, 47, 403-410.

20. Li, G. and Datta, S. (2001). A bootstrap approach to nonparametric regression for right censored data. *Annals of Institute of Statistical Mathematics*, 53, 708-729.

21. Schiller, G., Wong, S., Lowe, T., Snead, R., Paquette, R., Sawyers, C., Wollin, M., Kunkel, L., Ting, L., Li, G. and Territo, M. (2001). Transplantation of IL-2-mobilized autologous peripheral blood progenitor cells for adults with acute myelogenous leukemia in first remission. *Leukemia* v.15(5): 757-763.

22. Li, G. and Papadopoulos, A. (2002). A note on goodness-of-fit tests using moments. *STATISTICA*, LXII, 71-86.

23. Li, G. and Van Keilegom, I. (2002). "Likelihood ratio confidence bands in nonparametric regression with censored data". *Scand. J. Statist.*, Vol 29, 547-562.

24. Wang, Q.H. and Li, G. (2002). "Empirical likelihood semiparametric regression analysis under random censorship". *Journal of Multivariate Analysis*, Vol 83, 469-486.

25. Li, G. (2003). A nonparametric likelihood ratio approach to testing goodness of fit for survival data. *Journal of Multivariate Analysis*, Vol 86, 166-182.

26. Li, G. and Wang, Q.H. (2003). Empirical likelihood-based inference for a censored linear regression model. *Statistica Sinica*, Vol 13, 51-68.

27 Hashibe, M, Gao, T., Li, G., Dalbagni, G. and Zhang, Z.F. (2003). Comparison of Bladder Cancer Survival Among Japanese, Chinese, Filipino, Hawaiian and Caucasian Populations in the United States. *Asian Pacific Journal of Cancer Prevention*, Vol 4, 267-273.

28. H.M. Syed, S.K. Law, S.H. Nam, G.Li, A. Coleman, J.Caprioli. (2004). Baerveldt-350 Implant vs. Ahmed Valve for Refractory Glaucoma: a Case-controlled Comparison. *J Glaucoma*, Vol 13, 38-45.

29. K. Nouri-Mahdavi, D. Hoffman, G. Li, G. Liu, A.L. Coleman, D. Gaasterland, J. Caprioli. (2004). Predictive Factors for Glaucomatous Visual Field Progression in The Advanced Glaucoma Intervention Study. *Ophthalmology* **111**, 1627-1635.

30. Fang, H.B., Li, G. and Sun, J. (2005). Maximum likelihood estimation in a semiparametric proportional hazards cure model. *Scand. J. Statist.* **22**, 59-75.

31 Liu, H, Li, G, Cumberland, W.G., and Wu, T (2005). Testing statistical significance of the area under a ROC curve for repeated measures design with bootstrapping. *Journal of Data Science*, **3**, 257-278.

32 Mia Hashibe, Beate Ritz, Anh D. Le, Gang Li, Rengaswamy Sankaranarayanan, Zuo-Feng Zhang (2005). Radiotherapy for Oral Cancer as a Risk Factor for Second Primary Cancers. *Cancer Letters*, 220, 185-195.

33 Fan, J., Li, G., and Li, R. (2005). An overview on variable selection for survival analysis, *in* J. Fan and G. Li, eds, *"Contemporary Multivariate Analysis and Experimental Designs"*, World Scientific, 315-336.

34 Li, G., Li, R., and Zhou, M. (2005). Empirical likelihood in survival analysis, *in* J. Fan and G. Li, eds, *"Contemporary Multivariate Analysis and Experimental Designs"*, World Scientific, 336-350.

35 Li, G. and Qin, J. (2005). Analysis of two-sample truncated data using generalized logistic models. *Journal of Multivariate Analysis*, 97, 675-697.

36. Zhou, X.H, Qin, G.S., Lin, H.Z, and Li, G. (2006). "Inferences in censored cost regression models with empirical likelihood." *Statistica Sinica*, 16, 1213-1232.

37. Chuang, S.C, Chen, W., Hashibe, M., Li, G., and Zhang, Z.F. (2006). "Survival Rates of Invasive Breast Cancer among Ethnic Chinese Women Born in East Asia and the United States." *Asian Pacific J Cancer Prevention*, 7(2):221-6.

38. Elashoff, R., Li, G., Li, N. (2007). "An approach to joint analysis of longitudinal measurements and competing risks failure time data." *Statistics in Medicine*, 26, 2813-2835. PMCID: PMC2586033

39. Donald P. Tashkin, Robert Elashoff, Philip J. Clements, Michael D. Roth, Daniel E. Furst, Richard M. Silver, Jonathan Goldin, Edgar Arriola, Charlie Strange, Marcy B. Bolster, James R. Seibold, David J. Riley, Vivien M. Hsu, John Varga, Dean Schraufnagel, Arthur Theodore, Robert Simms, Robert Wise, Fred Wigley, Barbara White, Virginia Steen, Charles Read, Maureen Mayes, Ed Parsley, Kamal Mubarak, M. Kari Connolly, Jeffrey Golden, Mitchell Olman, Barri Fessler, Naomi Rothfield, Mark Metersky, Dinesh Khanna, Ning Li and Gang Li. (2007). "Effects of 1-Year Treatment with Cyclophosphamide on Outcomes at 2 Years in Scleroderma Lung Disease." *Am J Respir Crit Care Med.* Vol 176, 1026-1034. PMCID: PMC2078679

40. Zhou, M. and Li, G. (2008). "Empirical Likelihood Analysis of the Buckley-James Estimator." *Journal of Multivariate Analysis,* **99**, 649-664. PMCID: PMC2583435

41. Elashoff, R., Li, G., Li, N. (2008). "A joint model for longitudinal measurements and survival data in the presence of multiple failure types." *Biometrics*, 64: 762-771. PMCID: PMC2751647

42. Li, G. and C.H. Tseng (2008). Nonparametric estimation of a survival function with two-stage design studies. *Scandinavian Journal of Statistics,* Vol. 35, No. 2. (June 2008), pp. 193-211. PMCID: PMC2729091

43. Woltering, EA, Salvo, A., O'Dorisio, TM, Lyons, J. III, Li, G, Zhou, Y, Vinik, AI, Mamikunian, P, and Mamikunian, G and Go, VLW (2008). "Clinical Value of Monitoring Plasma Octreotide Levels During Chronic Octreotide Long-Acting Repeatable Therapy in Carcinoid Patients." *Pancreas*, 37, 94-100. PMCID: PMC2698789

44. Hyun J Kim, Gang Li, David Gjertson, Robert Elashoff, Sumit K Shah, Robert Ochs, Fah Vasunilashorn, Matthew S Brown, Jonathan Goldin. (2008). "Classification of parenchymal abnormality in scleroderma lung using a novel approach to denoise images collected via a multicenter study." *Academic Radiology,* 15(8):1004-16. PMCID: PMC2584616

45. Li, G. and Zhou, K. (2008). " A Unified Approach to Comparison of Receiver Operating Characteristic Curves for Longitudinal and Clustered Data." *Journal of the American Statistical Association,* 103, 705-713. PMCID: PMC2832229

46. E.A Woltering, TM O'Dorisio, A.Vinik, V.L Go, G. Li, G.Mamikunian (2008). Comments on "Clinical Value of Monitoring Plasma Octreotide Levels During Chronic Octreotide Long-Acting Repeatable Therapy in Carcinoid Patients". Letter to the Editor, *Pancreas*, 37, 336-37.

47. E.A Woltering, TM O'Dorisio, A.Vinik, V.L Go, G. Li, G.Mamikunian (2008). E.A Woltering, TM O'Dorisio, A.Vinik, V.L Go, G. Li, G.Mamikunian (2008). Comments on "Clinical Value of Monitoring Plasma Octreotide Levels During Chronic Octreotide Long-Acting Repeatable Therapy in Carcinoid Patients". Letter to the Editor, *Pancreas*, 37, 338-39.

48. Li, N., Elashoff, R., and Li, G. (2009). "Robust joint modeling of longitudinal measurements and competing risks survival data." *Biometrical Journal*, 51(1):19-30. PMCID: PMC2726782

49. W.H. Hu, G. Li, and N. Li (2009). "A Bayesian Approach to Joint Analysis of Longitudinal Measurements and Competing Risks Failure Time Data." *Statistics in Medicine*, 29, 1601-1619. PMCID: PMC Journal -In Process

50. Li, G. and Lin, C.T. (2009). "Analysis of Two-Sample Censored Data Using A Semiparametric Mixture Model." *Acta Mathematica Applicatae Sinica*, 25(3), 389-398. PMCID: PMC Journal -In Process

51. Jonathan Goldin, Robert Elashoff, Hyun J. Kim, Xaiohong Yan, David Lynch, Diane Strollo, Michael D. Roth, Philip Clements, Daniel E. Furst, Dinesh Khanna, Srainnapha Vasunilashorn, Gang Li and Donald P. Tashkin (2009). "Treatment of Scleroderma Interstitial Lung Disease with Cyclophosphamide Is Associated with Less Progressive Fibrosis on Serial Thoracic HRCT than Placebo: Findings from the Scleroderma Lung Study", *CHEST*, 136, 1333 -1340. PMCID: PMC Journal -In Process

52. Shuch, B., Said, J., Rochelle, J.L., LaRochelle, J.C., Zhou, Y., Li, G., Klatte, T., Pouliot, F., Kabbinavar, F.F., Pantuck, A.J. , and Belldegrun, A.S.(2009). "Cytoreductive Nephrectomy for Kidney Cancer With Sarcomatoid Histology-Is Up-Front Resection Indicated and, if Not, is it Avoidable?" *The Journal of Urology*, 182(5), 2164-2171. PMCID: PMC Journal -In Process

53. Li, Gang and Lu, Xuyang (2009). Comments on "A Review on Empirical Likelihood Methods for Regression". *TEST*, 18, 463-467. PMCID: PMC Journal -In Process

54. Li, Ning; Elashoff, Robert; Li, Gang; Saver, Jeffrey (2010). "Joint modeling of longitudinal ordinal data and competing risks survival times and analysis of the NINDS rt-PA stroke trial." *Statistics in Medicine*, 29(5), 546–557. DOI: 0.1002/sim.3798. PMCID: PMC Journal -In Process

55. Shuch, B., Said, J., Rochelle, J.L., LaRochelle, J.C., Zhou, Y., Li, G., Klatte, T., Pouliot, F., Kabbinavar, F.F., Belldegrun, A.S., and Pantuck, A.J. (2010). "Histologic Evaluation of Metastases in Renal Cell Carcinoma with Sarcomatoid Transformation and its Implications for Systemic Therapy", *Cancer*, **116(3)**, 616-624. DOI: 10.1002/cncr.24768. PMCID: PMC Journal -In Process

56. Saju Joseph, Gang Li, Erika Lindholm, Ying Zhou, Vay Liang W. Go, Aaron I. Vinik, Thomas M. ODorisio, Gregg Mamikunian, and Eugene A. Woltering, (2010). "A Prospective Trial on the Effect of Body Mass Index and Sex on Plasma Octreotide Levels in Patients Undergoing Long-Term Octreotide LAR Therapy." *Pancreas*, 39(2), 273-274. PMCID: PMC Journal -In Process

57. Li, G. and Wu, T.T. (2010). "Semiparametric Additive Risks Regression for Two-Stage Design Survival Studies." *Statistica Sinica*, 20(4): 15811607. PMCID: PMC3175231

58. Huang, X., Li, G. and Elashoff, R.M (2010). "Robust Joint Modeling of Longitudinal and Competing Risks Survival Data with Heterogeneous Random Effects." *Statistics and Its Inference*, 3(2);185-196..

59. Huang, X., Li, G. and Elashoff, R.M (2011). "A General Joint Model for Longitudinal Measurements and Competing Risks Survival Data with Heterogeneous Random Effects" *Lifetime Data Analysis*, Vol 17, Number 1, 80-100, DOI: 10.1007/s10985-010-9169-6. PMCID: PMC3162577

60. Hyun J. Kim, Donald P. Tashkin, P. Clements, Gang Li, Matthew S. Brown, Robert Elashoff, David W. Gjertson, Fereidoun Abtin, David A. Lynch, Diane C. Strollo, Jonathan G. Goldin (2010). "A Computer Aided Diagnosis System for Quantitative Scoring of Extent of Lung Fibrosis in Scleroderma Patients." *The Journal of Clinical and Experimental Rheumatology*, 28(5 Suppl 62):S26-35. PMCID: 21050542..

61. John Gaspar, Edward M. Ornitz, Gang Li, and Xuyang Lu (2010). "The occurrence of lid closure in response to a startle stimulus when the orbicularis oculi EMG is below the threshold of detection." *Int. J. Psychophysiol.*, 77(3);281.

62. Altstein, L.L., Li, G. and Elashoff, R.M. (2011). "A Method to Estimate Treatment Efficacy Among Latent Subgroups of a Randomized Clinical Trial." *Statistics in Medicine*, 30(7): 709-717. PMCID: PMC3161831

63. Li, A., King, J., Moro, A., Sugi, M.D., Dawson, D.W., Kaplan, J., Li, G., Lu, X., Strieter, R.M., Burdick, M., Go, V.L.W., Reber, H.A., Eibl, G. and Hines, O.J. (2011). "Overexpression of CXCL5 Is Associated with Poor Survival of Patients with Pancreatic Cancer." *The American Journal of Pathology*, 178(3), 1340-1349. PMCID: PMC3069811.

64. H.J. Kim, PhD, M. Brown, PhD, R. Elashoff, PhD, **G. Li**, PhD, Gjertson, PhD, D.A. Lynch, MD, D. C. Strollo, MD, E. Kleerup, MD, R. Ochs, D. Chung, Sumit K. Shah, S Shama, Fereidoun Abtin, D. Tashkin, MD J.G. Goldin, MD, PhD (2011). "Quantitative texture-based assessment of one-year changes in fibrotic reticular patterns on HRCT in scleroderma lung disease treated with oral cyclophosphamide." *European Radiology*, DOI: 10.1007/s00330-011-2223-2.

65. Reicher, S., Boyar, F.Z., Albitar, M., Sulcova, V., Agersborg, S., Nga, V., Zhou, Y., **Li, G.**, Venegas, R., French, S.W., Chung, D.S., Stabile, B.E., Eysselein, V.E., and Anguiano, A. (2011). "Fluorescence In Situ Hybridization and K-ras Analyses Improve Diagnostic Yield of Endoscopic Ultrasound-Guided Fine-Needle Aspiration of Solid Pancreatic Masses." *Pancreas*, 40(7): 1057-1062.

66. Chung, G.H., Tucker, M.B., **Li, G.**, Zhou, X. and Hwang S. (2011). Exploratory analysis of verbal aggression in romantic relationships among unmarried men and women: Predictive patterns by gender and race. *Journal of Social and Personal Relationships*, 28(7) 1005-1023. DOI: 10.1177/0265407510397984

67. Xie, C., Kim, H.J., Haw, J.G., Kalbasi, A., Gardner, B.K., **Li, G.**, Rao, J., Chia, D., Liong, M., Punzalan, R.R., Marks, L.S., Pantuck, A.J., de la Taille, A., Wang, G., Mukouyama, H. and Zeng, G. (2011). A Novel Multiplex Assay Combining Autoantibodies Plus PSA Has Potential Implications for Classiffication of Prostate Cancer from Non-malignant Cases. *Journal of Translational Medicine*, 9:43. PMCID: PMC3102624

68. Assifi, M.M., Lu, X., Eibl, G., Reber, H.A., **Li, G.**, and Hines, O.J. (2011). "Neoadjuvant therapy in pancreatic adenocarcinoma: a meta-analysis of phase II trials." Surgery, 150(3): 466-473. PMCID: PMC3164966

69. Danielle A. Schlosser, Sarah Jacobson, Qiaolin Chen, , Catherine A. Sugar, Tara A. Niendam, **Gang Li**, Carrie E. Bearden, Tyrone D. Cannon (2011). "Recovery from an At-Risk State: Clinical and Functional Outcomes of Putatively Prodromal Youth Who Do Not Develop Psychosis." *Schizophrenia Bulletin*, doi:10.1093/schbul/sbr098. PMCID: PMC3494042 PMID: 21825282

70. Jonathan C. King, Qing-Yi Lu, **Gang Li**, Aune Moro, Hiroki Takahashi, Monica Chen, Vay Liang W. Go, Howard A. Reber, Guido Eibl, O. Joe Hine. (2012) "Evidence for activation of mutated p53 by apigenin in human pancreatic cancer." *Biochimica et Biophysica Acta*, 1823(2) 593604

71. Brendan Fong, Richard Jin, Xiaoyan Wang, Michael Safaee, Dominique N. Lisiero, Isaac Yang, **Gang Li**, Linda M. Liau, and Robert M. Prins (2012). "Monitoring of regulatory T cell frequencies and expression of CTLA-4 on T cells, before and after DC vaccination, can predict survival in GBM patients." *PLoS ONE* 7(4): e32614. doi:10.1371/journal.pone.0032614

72. Frederick Raal, Rob Scott, Ransi Somaratne, Ian Bridges, **Gang Li**, Scott M. Wasserman, Evan A. Stein. (2012) "LDL Cholesterol-lowering Effects of AMG 145, a Monoclonal Antibody to Proprotein Convertase Subtilisin/Kexin Type 9 Serine Protease in Patients with Heterozygous Familial Hypercholesterolemia: The RUTHERFORD Randomized Trial." *Circulation*, November 5, 2012, p.2408-2417. DOI: 10.1161/CIRCULATIONAHA.112.144055, PMID: 23129602; PMCID: Pending

73. Tseng, C.H., Elashoff, R.M., Li, N., and **Li, G.** (2012). "Robust inference for longitudinal data analysis with non-ignorable and non-monotonic missing values." *Statistics and Its Inference*, VOl 5, 479-490. PMCID: PMCID: PMC3883866

74. Robert M. Elashoff, **Gang Li**, and Ying Zhou (2012). "Nonparametric Inference for Assessing Treatment Efficacy in Randomized Clinical Trials with A Time-to-Event Outcome and All-or-None Treatment-Noncompliance." *Biometrika*, 99(2): 393-404; doi: 10.1093/biomet/ass004. PMCID: PMC3635705

75. N. Li, RM. Elashoff, **G. Li** and CH. Tseng (2012). Joint Analysis of Bivariate Longitudinal Ordinal Outcomes and Competing Risks Survival Times with Nonparametric Distributions for Random Effects *Statistics in Medicine*, 31:1707-1721. DOI: 10.1002/sim.4507. PMID: 22344869, PMCID: Pending

76. Lin, Huazhen; Zhou, Xiao-Hua; **Li, Gang** (2012). "A Direct Semiparametric Receiver Operating Characteristic Curve Regression with Unknown Link and Baseline Functions." *Statistics Sinica*, 22, 1427-1456. PMCID: Pending

77. Tseng, C.H., Elashoff, R.M., Li, N., and **Li, G.** (2012). "Longitudinal data analysis with non-ignorable missing data." *Statistical Methods in Medical Research*, published online 24 May 2012, DOI: 10.1177/0962280212448721. PMCID: PMC3883866

78. Eliane Angst, Jenny L. Park, Aune Moro, Qing-Yi Lu, **Gang Li**, Jonathan King, Monica Chen, Howard A. Reber, Vay Liang W. Go, David W. Dawson, Guido Eibl, Oscar J. Hines (2013). "The flavonoid quercetin inhibits pancreatic cancer growth in vitro and in vivo." *Pancreas*, 2013 Mar;42(2):223-9. doi: 10.1097/MPA.0b013e318264ccae. PMID: 23000892, PMCID: PMC3530623

79. Robert M. Prins, Ph.D., Xiaoyan Wang, Ph.D., Horacio Soto, M.S., Richard Everson, M.D., **Gang Li**, Ph.D., Timothy C. Cloughesy, M.D., Albert Lai, M.D., Ph.D., and Linda M. Liau, M.D., Ph.D. (2013). "Comparison of glioma-associated antigen peptide-loaded dendritic cells versus autologous tumor lysate-loaded dendritic cells for the treatment of malignant glioma patients." *Journal of Immunotherapy*. 2013 Feb;36(2):152-7. doi: 10.1097/CJI.0b013e3182811ae4. PMCID: PMC3568250.

80. Aric L Gregson, Xiaoyan Wang, S Sam Weigt, Vyacheslav Palchevskiy, Joseph P Lynch III, David J Ross, Bernard M Kubak, Rajan Saggar, Michael C Fishbein, Abbas Ardehali, **Gang Li**, Robert Elashoff, John A Belperio. "Interaction Between Pseudomonas and CXC Chemokines Increases Risk of BOS and Death in Lung Transplantation." *American Journal of Respiratory and Critical Care Medicine*, 2013 Mar 1;187(5):518-26. doi: 10.1164/rccm.201207-1228OC. Epub 2013 Jan 17. PMCID: PMC3733405

81. Frederic D. Birkhauser, Edward N. Rampersaud, Xiaoyan Wang, Nils Kroeger, Christine Anterasian, David Li, Frdric Pouliot, Nazy Zomorodian, Joseph Riss, **Gang Li**, Fairooz F. Kabbinavar, Allan J. Pantuck, Arie S. Belldegrun (2013). "Salvage Targeted Kidney Cancer Therapy in Patients Progressing on High Dose Interleukin-2 Immunotherapy: The UCLA Experience". *The Cancer Journal*, 2013 May-Jun;19(3):189-96. doi: 10.1097/PPO.0b013e318292e8a4. PMID: 23708063; PMCID- Pending

82. Ning Li; Michael J. Daniels, **Gang Li** and Robert M. Elashoff (2013). "An Exploration of Fixed and Random Effects Selection For Longitudinal Binary Outcomes in the Presence of Non-ignorable Dropout." *Biometrical Journal*, 2013 Jan; 55(1):17-37. doi: 10.1002/bimj.201100107. Epub 2012 Nov 2. PMCID: PMC3855104

83. Lily L. Altstein and **Gang Li** (2013). "Latent Subgroup Analysis of a Randomized Clinical Trial Through a Semiparametric Accelerated Failure Time Mixture Model." *Biometrics*, 2013 Mar;69(1):52-61. doi: 10.1111/j.1541-0420.2012.01818.x. PMCID: PMC3622121

84. Graham W Donald, MD, Dharma Sunjaya, MS, Xuyang Lu, PhD, Formosa Chen, MD, MPH, Barbara Clerkin, BSN, Guido Eibl, MD, Gang Li, PhD, James S Tomlinson, MD, PhD, Timothy R Donahue, MD, Howard A Reber, MD, Oscar J Hines, MD. (2013) "Prophylactic antibiotics for surgical site infection in pancreaticoduodenectomy:

Does the SCIP-approved regimen provide adequate coverage?". *SURGERY*, 154(2):190-6. doi: 10.1016/j.surg.2013.04.001. Epub 2013 May 10. PMID: 23664266; PMCID: Pending

85. G.W.Donald, M.Assifi, A.Moro, M.Chen, G.Eibl, H.A.Reber, D.Dawson, V.G.Li, O.J. Hines (2012). "Enhanced Growth of Syngeneic Pancreatic Cancer in CXCR2 Deficient Mice". *J Surg Res* 2012;172(2):309-310.

86. Mouad Edderkaoui, Aurelia Lugea, Hongxiang Hui, Guido Eibl, Qin-Yi Lu, Aune Moro, Xuyang Lu, Gang Li, Vay-Liang Go, and Stephen Pandol (2013). "Ellagic Acid and Embelin Affect Key Cellular Components of Pancreatic Adenocarcinoma, Cancer and Stellate Cells." *Nutrition and Cancer*, 65(8), 1232-1244. Oct 15, 2013,PMCID: PMC3909533

87. David W. Dawson, Graham Donald, Kathleen Hertzer, Vay Liang W. Go, Steven J. Pandol, Aurelia Lugea, Anna S. Gukovskaya, Gang Li, Oscar J. Hines, Enrique J. Rozengurt, and Guido Eibl (2013). "High Fat, High Calorie Diet Promotes Early Pancreatic Neoplasia in the Conditional KrasG12D Mouse Model" *CANCER PREVENTION RESEARCH*, 2013 Oct;6(10):1064-73. doi: 10.1158/1940-6207.CAPR-13-0065. Epub 2013 Aug 13. PMCID: PMC3835151

88. Frdric D Birkhuser, Richard C Koya, Caleb Neufeld, Xuyang Lu, Ewa D Micewicz, Thinle Chodon, Mohammad Atefi, Nils Kroeger, Edward N Rampersaud, Gadisetti VR Chandramouli, Gang Li, Jonathan W Said, William H McBride, Fairooz F Kabbinavar, Antoni Ribas, Allan J Pantuck, Arie S Belldegrun and Joseph Riss. (2013) "Dendritic cell-based immunotherapy in prevention and treatment of renal cell carcinoma: efficacy, safety, and activity of Ad-GMCAIX in immunocompetent mouse models." J Immunother. 2013 Feb;36(2):102-11. doi: 10.1097/CJI.0b013e31827bec97. PMID: 23377663; PMCID: Pending

89. Aric L Gregson, Xiaoyan Wang, S Sam Weigt, Vyacheslav Palchevskiy, Joseph P Lynch III, David J Ross, Bernard M. Kubak, Rajan Saggar, Michael C. Fishbein, Abbas Ardehali, Gang Li, Robert Elashoff, and John A Belperio. (2013). "Interaction between Pseudomonas and CXC Chemokines Increases Risk of Bronchiolitis Obliterans Syndrome and Death in Lung Transplantation." *Am J Respir Crit Care Med* 2013 Mar 1;187(5):518-26. doi: 10.1164/rccm.201207-1228OC. Epub 2013 Jan 17. PMID:23328531. PMCID: PMC3733405

90. Gregson AL, Wang X, Injean P, Weigt SS, Shino M, Sayah D, DerHovanessian A, Lynch JP 3rd, Ross DJ, Saggar R, Ardehali A, Li G, Elashoff R, Belperio JA. (2015). "Staphylococcus via an Interaction with the ELR+ CXC Chemokine ENA-78 is Associated with BOS." *American Journal of Transplantation*, Mar;15(3):792-9. doi: 10.1111/ajt.13029. Epub 2015 Feb 12. PMCID: PMC4336208

91. Li DR, Zhang H, Peek E, Wang S, Du L, Li G, Chin AI. Synergy of histone-deacetylase inhibitor AR-42 with cisplatin in bladder cancer. The Journal of urology. 2015 Aug 31;194(2):547-55. PMID: 25748177 [PubMed - indexed for MEDLINE]

92. Richard G. Everson, Joseph P. Antonios, Dominique N. Lisiero, Horacio Soto, Rudi Scharnweber, Matthew C. Garrett, William H. Yong, Ning Li, Gang Li, Carol A.

Kruse, Linda M. Liau and Robert M. Prins (2016). "Efficacy of systemic adoptive transfer immunotherapy targeting NY-ESO-1 for glioblastoma." *NEURO-ONCOLOGY*; 2016 Mar;18(3):368-78. doi: 10.1093/neuonc/nov153 PMID: 26330563 [PubMed - in process] PMCID: PMC4767237 [Available on 2017-03-01]

93. Kai-Tai Fang, Gang Li, Xuyang Lu, and Hong Qin (2013). An Empirical Likelihood Method for Semiparametric Linear Regression with Right Censored Data, *Computational and Mathematical Methods in Medicine*, vol. 2013, Article ID 469373, 9 pages. doi:10.1155/2013/469373 PMCID: PMC3612471

94. Lin, Huazhen; Jiang, Liang; **Li, Gang** (2014). "Semiparametric linear transformation model to estimate the causal effect for survival data." *Canadian Journal of Statistics* 42(1), 18-35, March 2014. Article first published online: 14 NOV 2013 DOI: 10.1002/cjs.11198; PMCID- Pending

95. **Li, G.** and Lu, X.Y. (2014). "A Bayesian Approach for Instrumental Variable Analysis with Censored Time-to-Event Outcome." *Statistics in Medicine*, published online 13 November 2014. DOI: 10.1002/sim.6369. PMCID: PMC4314427

96. Wu, T.T., **Li, G.**, and Tang, C.Y. (2015) "Empirical Likelihood for Censored Linear Regression and Variable Selection in High-Dimensional Data." *Scand J Statist*, Article first published online: 27 JAN 2015, DOI: 10.1111/sjos.12137 PMCID: Pending

97. **Li, G.** and Yang, Q. (2016). "Joint Inference for Competing Risks Survival Data." *Journal of the American Statistical Association*, 111(515), 1289-1300 PMCID: PMC6863485

98. Peng X.L., **Li, G.**, and Liu, Z.Q.(2016). "Zero-inflated Beta Regression for Differential Abundance Analysis with Metagenomics Data." *Journal of Computational Biology*, 23.2 (2016): 102-110. PMID: 26675626 [PubMed - as supplied by publisher], PMCID: Pending

99. Kathleen M. Hertzer, Mu Xu, Aune Moro, David W. Dawson, Lin Du, **Gang Li**, Hui-Hua Chang, Alexander P. Stark, Xiaoman Jung, O. Joe Hines, Guido Eibl (2016). "Robust Early Inflammation of the Peripancreatic Visceral Adipose Tissue During Diet-Induced Obesity in the KrasG12D Model of Pancreatic Cancer." *Pancreas*. 2016 Mar;45(3):458-65. doi: 10.1097/MPA.0000000000000497 PMID: 26495779 [PubMed - in process]

100. Melody Hsu, Shaina Sedighim, Tina Wang, Richard Everson, Alex Tucker, Joseph Antonios, Lin Du, Ryan Emerson, Erik Yusko, Catherine Sanders, Harlan Robins, William Yong, Tom Davidson, **Gang Li**, Linda Liau, and Robert Prins (2016). "TCR sequencing can identify and track tumor-specific T cell populations and is a predictive biomarker of response to DC vaccination in glioblastoma patients." *CANCER IMMUNOLOGY RESEARCH* 4(5); 4128. DOI: 10.1158/2326-6066.CIR-15-0240. PMCID: PMC4873445

101. Antonios, J.P., Soto, H., Everson, R.G., Orpilla, J., Moughon, D., Shin, N., Sedighim, S., Yong, W.H., **Li, G.**, Cloughesy, T.F. and Liau, L.M., (2016). "PD-1 blockade enhances the vaccination-induced immune response in glioma." *JCI Insight*, 2016 Jul 7;1(10).

102. Zhang H, Prado K, Zhang KX, Peek EM, Lee J, Wang X, Huang J, **Li G**, Pellegrini M, Chin AI. (2016). "Biased Expression of the FOXP3Δ3 Isoform in Aggressive Bladder Cancer Mediates Differentiation and Cisplatin Chemotherapy Resistance." *Clinical Cancer Research*. 2016 Nov 1;22(21):5349-5361. Epub 2016 May 17. PMID: 27189164

103. Wei Li, Alexa Cohen, Yin Sun, Jill Squires, Daniel Braas, Thomas G. Graeber, Lin Du, **Gang Li**, Zhen Li, Xufeng Chen, Jiaoti Huang (2016). "The Role of CD44 in Glucose Metabolism in Prostatic Small Cell Neuroendocrine Carcinoma." *MOLECULAR CANCER RESEARCH,* 2016 Apr 1;14(4):344-53. PMCID: PMC4834240

104. Dong, J., Estes, J. P., Li, G., and Senturk, D. (2016). A two-step estimation approach for logistic varying coefficient modeling of longitudinal data. *Journal of Statistical Planning and Inference*, 174, 38-51.

105. Liu, Z. and Li, G. (2016). "Efficient Regularized Regression with L0 Penalty for Variable Selection and Network Construction." *Computational and Mathematical Methods in Medicine*. Article ID 3456153, doi: 10.1155/2016/3456153. PMCID: PMC5098106

106. Joseph P. Antonios; Horacio Soto; Richard G. Everson; Diana Moughon; Joey R. Orpilla; Namjo P. Shin; Shaina Sedighim; Janet Treger; Sylvia Odesa; Alexander Tucker; William H. Yong; **Gang Li**; Timothy F. Cloughesy; Linda M. Liau; Robert M. Prins. (2017) "Immunosuppressive tumor-infiltrating myeloid cells mediate adaptive immune resistance via a PD-1/PD-L1 mechanism in glioblastoma." *Neuro-Oncology* 2017; doi: 10.1093/neuonc/now287. PMCID: PMC4951098

107. Hui-Hua Chang, Aune Moro, Kazuki Takakura, Hsin-Yuan Su, Allen Mo, Masako Nakanishi, Richard T. Waldron, Samuel W. French, David Dawson, Oscar Joe Hines, **Gang Li**, Vay Liang W. Go, James Sinnett-Smith, Stephen J. Pandol, Aurelia Lugea, Anna S. Gukovskaya, Michael O. Duff, Daniel W. Rosenberg, Enrique Rozengurt, Guido Eibl (2017) "Incidence of Pancreatic Cancer is Dramatically Increased by a High Fat, High Calorie Diet in KrasG12D Mice." *PLOS ONE*, 12(9), e0184455.

108. Yang, Q., W.K. Fung, and **Li, G.** (2017). "Sample size determination for jointly testing a cause-specific hazard and the all-cause hazard in the presence of competing risks." *Statistics in Medicine,* **38(12)**, 2139-2156, DOI - 10.1002/sim.7590, [Epub ahead of print].

109. H. Wang and **G. Li** (2017). "A Selective Review on Random Survival Forests for High Dimensional Data." *Quantiative Bio-Science*, Vol 36(2), 67-68. PMCID: PMC6364686

110. H. Wang, X.L., Chen, and **G. Li** (2017). "Survival Forests with R-squared Splitting Rules." *Journal of Computational Biology*, 2017 Dec 21. doi: 10.1089/cmb.2017.0107.

111. Conn, D., Ngun, T., **Li, G.**, and Ramirez, C.M. (2019). "Fuzzy Forests: Extending Random Forests for Correlated, High-Dimensional Data." *Journal of Statistical Software* 91(9). doi:10.18637/jss.v091.i09. (listed as in press in the last review)

112. Y. Liu, X.L. Chen, and **G. Li** (2019). "A new joint screening method for right-censored time-to-event data with ultra-high dimensional covariates." *Statistical Methods in Medical Research*, July 30, 2019, DOI: 10.1177/0962280219864710. (listed as tentatively accepted in the last review)

[113]. D. Conn and **G. Li** (2019) "An Oracle Property of The Nadaraya-Watson Kernel Estimator for High Dimensional Data." *Scadinavian Journal of Statististics*, 46(3), 735-764. DOI: 10.1111/sjos.12370

[114]. Hui Zhao, Dayu Sun, **Gang Li** and Jianguo Sun (2018). "Variable Selection for the Recurrent Event Data with Broken Adaptive Ridge Regression." *The Canadian Journal of Statistics*, Vol 46(3), 416-428. PMCID: PMC7523880

[115]. Dai, L., Chen, K., Sun, Z., Liu, Z, and **Li, G.** (2018). "Broken adaptive ridge regression and its asymptotic properties." *Journal of Multivariate Analysis*, Vol 168, 334-351. PMCID: PMC6430210

[116]. **Gang Li** & Xiaoyan Wang (2019). "Prediction Accuracy Measures for a Nonlinear Model and for Right-Censored Time-to-Event Data", *Journal of the American Statistical Association*, 114:528, 1815-1825, DOI: 10.1080/01621459.2018.1515079. PMCID: PMC7454169

[117]. Hui Zhao, Qiwei Wu, **Gang Li** & Jianguo Sun (2019). "Simultaneous Estimation and Variable Selection for Interval-Censored Data with Broken Adaptive Ridge Regression," *Journal of the American Statistical Association*, 115:529, 204-216,
DOI: 10.1080/01621459.2018.1537922

[118]. Hong Wang and **Gang Li** (2019). "Extreme Learning Machine Cox Model for High Dimensional Survival Analysis." *Statistics in Medicine*, 2019 May 30; 38(12): 2139-2156. DOI: 10.1002/sim.8090 PMCID: PMC6498851

[119]. Timothy F. Cloughesy, Aaron Y. Mochizuki, Joey R. Orpilla, Willy Hugo, Alexander H. Lee, Tom B. Davidson, Anthony C. Wang, Benjamin M. Ellingson, Julie A. Rytlewski, Catherine M. Sanders, Eric S. Kawaguchi, Lin Du, **Gang Li**, William H. Yong, Sarah C. Gaffey, Adam L. Cohen, Ingo K. Mellinghoff, Eudocia Q. Lee, David A. Reardon, Barbara J. OBrien, Nicholas A. Butowski, Phioanh L. Nghiemphu,1 Jennifer L. Clarke, Isabel C. Arrillaga-Romany, Howard Colman, Thomas J. Kaley, John F. de Groot, Linda M. Liau, Patrick Y. Wen, and Robert M. Prins (2019). "Neoadjuvant anti-PD-1 immunotherapy promotes a survival benefit with intratumoral and systemic immune responses in recurrent glioblastoma." *Nature Medicine*, 25(3), pp.477-486, https://doi.org/10.1038/s41591-018-0337-7, PMCID: PMC6408961

[120]. Kruttika Bhat; Kiri Sandler, MD; Sara Duhachek-Muggy, PhD; Claudia Alli; Fei Cheng, PhD; Neda A Moatamed, PhD; Clara Megyar, PhD; Lin Du, PhD; **Gang Li**; Susan McCloskey, MD; Erina Vlashi, PhD; Frank Pajonk (2019). "Serum Erythropoietin Levels, Breast Cancer and Breast Cancer-Initiating Cells." *Breast Cancer Research*, 21, article 17 https://doi.org/10.1186/s13058-019-1100-9; PMCID: PMC6354373

[121]. Hui Zhao, Dayu Sun, **Gang Li**, Jianguo Sun (2019). "Simultaneous Estimation and Variable Selection for Incomplete Event History Studies." *J. of Multivariate Analysis*, 2019, vol. 171, Issue C, 350-361. PMCID: PMC7523880

[122]. E. Kawaguchi, M. Suchard, Z.Q. Liu, and **G. Li** (2020). "A Surrogate L_0 Sparse Cox's Regression with Applications to Sparse High-Dimensional Massive Sample Size Time-to-Event Data." *Statistics in Medicine*, 39(6), 675-686, doi: 10.1002/sim.8438.

[123]. Ji, Matthew & Eldred, Blaine & Liu, Regina & Pianka, Sean & Molaie, Donna & Kevan, Bryan & Pan, Stephanie & Lai, Thomas & Nguyen, Nhung & Chow, Frances & Yong, William & Cox, Christopher & Reeh, Devin & Li, Tie & Liau, Linda & Nghiemphu, Phioanh & Cloughesy, Timothy & **Li, Gang** & Lai, Albert. (2020). "Targeted next-generation sequencing of 565 neuro-oncology patients at UCLA: A single institution experience. '' *Neuro-Oncology Advances*. 2(1), vdaa009. 10.1093/noajnl/vdaa009. PMCID: PMC7034640

[124]. Linlin Dai, Kani Chen and **Gang Li** (2020). "The Broken Adaptive Ridge Procedure and Its Applications." *Statistica Sinica*, doi:10.5705/ss.202018.0075

[125]. **G. Li**, J. Liang, J. Pan, G. Tian, X. Peng (2020). "Multivariate analysis and its applications." (in Chinese) *SCIENTIA SINICA Mathematica*, Vol 50(5), 571-584.

[126]. Liu Z., **Li G.**, Liu JS (2020). "New Algorithms in RNA Structure Prediction Based on BHG." *International Journal of Pattern Recognition and Artificial Intelligence*. Vol. 34, No. 13 (2020) 2050031 (14 pages) DOI: 10.1142/S0218001420500317

[127]. Y. Liu, J. Xu, and **G. Li** (2020). "Sure joint feature screening in nonparametric transformation model with right censored data." *Canadian Journal of Statistics*, DOI: 10.1002/cjs.11575

[128]. Takumi Saegusa, Tianzhou Ma, **Gang Li**, Ying Qing Chen, and Mei-Ling Ting Lee (2020). "Variable Selection in Threshold Regression Model with Applications to HIV Drug Adherence Data." *Statistics in Bioscience*, 12, pages 376398.

[129]. Giulia Polverari, Francesco Ceci, Roberto Passera, Jacquelyn Crane, Lin Du, **Gang Li**, Stefano Fanti, Nicholas Bernthal, Fritz Eilber, Martin Allen-Auerbach, Johannes Czernin, Jeremie Calais, Noah Federman (2020). "FDG PET/CT for evaluating early response to neoadjuvant chemotherapy in pediatric patients with sarcoma: a prospective single-center trial." *EJNMMI Research*, 2020; 10: 122. doi: 10.1186/s13550-020-00715-0; PMCID: PMC7561652

[130]. Aurelien Latouche, **Gang Li** and Qing Yang (2019). "Competing risks." Book chapter (21) in Halabi, S., & Michiels, S. (2019). *Textbook of Clinical Trials in Oncology: A Statistical Perspective*. Chapman and Hall/CRC.

[131]. **Gang Li** and Xiaoling Peng (2020). "A Review of Prof. Kai-Tai Fangs Contribution to the Education, Promotion, and Advancement of Statistics in China." Pages 49-65. Special invited book chapter (4) in Jianqing Fan & Jianxin Pan (2020). *Contemporary Experimental Design, Multivariate Analysis and Data Mining.* Springer International Publishing, Aug 16, 2020

[132]. Ning Li, Xiaoling Peng, Eric Kawaguchi, Marc A. Suchard and **Gang Li** (2021). "A scalable surrogate L0 sparse regression method for generalized linear models with applications to large scale data." *Journal of Statistical Planning and Inference, 231* , 262-281.

[133]. Eric S. Kawaguchi, Jenny I. Shen, Marc A. Suchard, and **Gang Li** (2021). "Scalable Algorithms for Large Competing Risks Data." *Journal of Computational and Graphical Statistics*, in press.

[134]. Ning Li, Yi Liu, Robert M. Elashoff and Gang Li (2021). A Flexible Joint Model for Multiple Longitudinal Biomarkers and A Time-to-Event Outcome: With Applications to Dynamic Prediction Using Highly Correlated Biomarkers. *Biometrical Journal,* in press.

[129]. E. Kawaguchi, J. I. Shen, **G. Li**, and M.A. Suchard (2021). "A Fast and Scalable Implementation Method for Competing Risks Data with the R Package *fastcmprsk*." *The R Journal*. in press.

[135]. Hong Wang, Ning Li, Shanpeng Li, and **Gang Li** (2021). "JMcmprsk:: An R Package for Joint Modelling of Longitudinal and Survival Data with Competing Risks" *The R Journal*. Accepted.

[136]. Linlin Dai, **Gang Li**, Kani Chen and Yuanyuan Lin (2021). "Metric Learning via Cross Validation". *Statistica Sinica*, accepted.

[137]. Zhihua Sun, Yi Liu, Kani Chen and **Gang Li** (2021). "Broken Adaptive Ridge Regression for Right-Censored Survival Data." *Annal of Institute of Statistical Mathematics*, accepted.

[138]. Etan Orgel, MD MS, Celia Framson, MPH RD CSP Rubi Buxton PT, DPT, Jiyoon Kim, MS, **Gang Li**, PhD, Jonathan Tucci, MD PhD, David R. Freyer, DO MS, Weili Sun, MD PhD, Matthew J Oberley, MD PhD Christina Dieli-Conwright, PhD MPH, and Steven D. Mittelman, MD PhD. (2020). Improving Diet and Exercise in Acute Lymphoblastic Leukemia to Augment Chemotherapy Efficacy (IDEAL): a Nonrandomized Controlled Trial. *Blood Advances*, accepted 1/17/2021.

Peer-reviewed Abstracts in the Annual Meetings of the Association of Research in Vision and Ophthalmology (ARVO)

[1] D.P. Tannenbaum, G. Li, D. Hoffman, T. Zeyen, J. Dong, and J. Caprioli. Identification of Glaucomatous Progression by Sector Analysis of Confocal Scanning Laser Ophthalmoscopy. *2002 Annual Meeting of the Association of Research in Vision and Ophthalmology (ARVO).* °

[2] M.C. Westcott, G. Li, K. Zhou, F. Yu, D. Hoffman, S. Law, A. Coleman, D. Gaasterland, J. Caprioli. A new approach for determining glaucomatous visual field deterioation using time series analysis. *2002 Annual Meeting of the Association of Research in Vision and Ophthalmology (ARVO).*

[3] S.H. Nam, H.M. Syed, S.K. Law, G.Li, A.Coleman, J.Caprioli. (2002). Baerveldt-350 Implant vs. Ahmed Valve for Refractory Glaucoma, a Case-controlled Comparison *2002 Annual Meeting of the Association of Research in Vision and Ophthalmology (ARVO).*

[4] D.C. Hoffman, G. Li, L. Jiang, D.E. Gaasterland, J. Caprioli. "Identifying Visual Field Progression with a Linear Mixed Model". Annual Meeting of the Association of Research in Vision and Ophthalmology, 2003.

[5] D.P. Tannenbaum, D.C. Hoffman, G. Li, K. Nie, K.Nouri-Mahdavi, T. Zeyen, J.Caprioli. "Probability of Change in Optic Nerve Head Topography with High Dimensional Analysis of Variance." Annual Meeting of the Association of Research in Vision and Ophthalmology, 2003. *Won the Second Annual Glaucoma Fellow Award which is is deemed "among the best in demonstrating originality and scientific excellence in the field of glaucoma research".*

[6] D.C. Hoffman, G. Li, K. Nie, K.Nouri-Mahdavi, D.E. Gaasterland, J.Caprioli. "Identifying visual field progression with high dimensional analysis of variance", Annual Meeting of the Association of Research in Vision and Ophthalmology, 2004.

[7] John S. Lam, Jean-Jacques Patard, John T. Leppert, Francois Guille, Bernard Lobel, Clement-Claude Abbou, Dominique Chopin, Alexandre De La Taille, Jacques Tostain, Luca Cindolo, Vincenzo Altieri, Vincenzo Ficarra, Walter Artibani, Tommaso Prayer-Galetti, Luigi Schips, Richard Zigeuner, Ning Li, Allan J. Pantuck, Gang Li, Robert A. Figlin, and Arie S. Belldegrun. PROGNOSTIC SIGNIFICANCE OF RENAL CELL CARCINOMA WITH ADRENAL GLAND INVOLVEMENT: AN INTERNATIONAL MULTICENTER EXPERIENCE. 2005

[8] JC King, Q-Y Lu, G Li, A Moro, HA Reber, VLW Go, G Eibl, OJ Hines (2010). Apigenin Induces Pancreatic Cancer Apoptosis Via a p53-Mediated Pathway. *2010 American Pancreatic Association Annual Meeting.*

[9] Frederic D Birkhaeuser, Caleb Neufeld, Richard Koya, Xuyang Lu, Ewa D Micewicz, Thinle Chodon, Mohammad Atefi, Nils Kroeger, Edward Rampersaud, Gadisetti VR Chandramouli, Gang Li, Jonathan W Said, Antoni Ribas, William H McBride, Fairooz F Kabbinavar, Allan J Pantuck, Arie S Belldegrun and Joseph Riss. (2012) "In vivo safety and efficacy of a novel dendritic cell based Ad-GMCAIX vaccine with activity against renal cell carcinoma". AACR, April 2, 2012.

Ph.D Students Directed (Chair or Co-Chair)

1. Chaofeng Liu, Ph.D., 2001, "Partial Linear Semi-parametric Additive Hazards Models for Randomly Censored Survival Time Data"
2. Chi-Hong Tseng, Ph.D., 2004, "Survival Analysis with Two Stage Design Studies" (Associate Professor, UCLA)
3. Jun Dong, Ph.D., 2004, "A Functional Logistic Regression Model for Longitudinal Data"
4. Kun Nie, Ph.D., 2004, "Hypothesis Testing of High Dimensional Data With Applications to Medical Image Analysis"

5. Luohua Jiang, Ph.D., Fall 2005, "Bayesian Hierarchical Modeling of Glaucomatous Visual Field Data" (Associate Professor, University of California at Irvine)

6. Nan Zhang, Ph.D., Spring 2005, "Sample Size Determination for Comparing Two Treatments in Competing Risk Model"

7. Ning Li, Ph.D., Fall 2005, "Joint Analysis of Longitudinal Measurements and Competing Risks Failure Time Data" (Associate Professor, UCLA)

8. Kefei Zhou, Ph.D., Spring 2006, "A Unified Approach to Nonparametric Comparison of Receiver Operating Characteristic Curves for longitudinal and Clustered Data"

9. Yu Zhao, Ph.D., Spring 2006, "Additive risks regression for survival data from two-stage designs"

10. Tongtong Wu, Ph.D., Fall 2006, "A Partial Linear Semiparametric Additive Hazard Model for Two-Stage Design Survival Studies" (Associate Professor, University of Rochester)

11. Hyun Jung Kim, Ph.D., Spring 2007 "Classification in Thoracic Computed Tomography Image Data" (Associate Professor, UCLA)

12. Wenhua Hu, Ph.D., Fall 07 "A Bayesian Approach to Joint Analysis of Longitudinal Measurements and Competing Risks Failure Time Data"

13. Xin Huang, Ph.D., Spring 2008 "Joint modeling of longitudinal measurements and competing risks survival data with heterogenious random effects"

14. Ma, Yingying, Ph.D., Summer 2008 "Comparing Two or More Correlated ROC Curves: A Monte Carlo Nonparametric Approach"

15. Lily Altstein, Ph.D., Spring 2010. "Accelerated Failure time models to Estimate Treatment Efficacy Among Latent Subgroups of a Randomized Trial"

16. Ying Zhou, Ph.D., Spring 2010. "Nonparametric and Semiparametric Inference for Treatment Efficacy in Randomized Clinical Trials with a Time-to-event Outcome and Non-compliance".

17. Xuyang Lu, Ph.D., Winter 2014. "Instrumental Variable Methods for Survival Data."

18. Qing Yang, Ph.D., Spring 2014. "Joint Inference for Competing Risks Survival Data". (Associate Professor, Duke University)

19. Daniel Conn, Ph.D. Spring 2018. "Nonparametric Survival Analysis with High Dimensional and Massive Size Data". (Postdoc, University of Wiscosin)

20. Eric Kawaguchi, Ph.D. Spring 2019 "Scalable Methods for Large Scale Survival Data". (Postdoc, University of Southern California)

SELECTED GRANTS AND CONTRACTS

NIH 1P01CA236585-01A1 (Eibl): Chemoprevention and Machanism of Pancreatic Adenocarinoma 2020-2025, Role: PI of Biostatistics subcore

R01 CA227089 (Nathanson) 06/08/2018 - 05/31/2023 Mammalian models for integrated metabolic and molecular profiling of malignant glioma. Role: Co-Investigator/Biostatistician

R01DAA026190-01A1 (Ray) 05/15/2018 - 02/28/2022 A Randomized Controlled Clinical Trial of the Neuroimmune Modulator Ibudilast for the Treatment of Alcohol Use Disorder. Role: Co-Investigator/Biostatistician

NIH CA211015 (Liau), UCLA Spore in Brain Cancer, 2017-2022, Role: PI of Biostatistics/Bioinformatics core

NIH Cancer Center Support Grant, Johnsson Cancer Center, 2007-2025, (Teitell, PI); Role: PI of BASE Shared Resource.

NIH R01 CA213133 (Nathanson), 2017- 2022, Targeting metabolic vulnerabilities in glioblastoma, Role: Co-I.

NIH U54 RR031268-01 (PI: Dubinett) UCLA Clinical and Translational Science Institute (CTSI), 2011-2021, Role: Co-Investigator/Biostatistician

NIH 1P01CA163200-01A1 (Eibl): Targeting diet-induced promotion of Kras-initiated Pancreatic adenocarcinoma 2012-2017, Role: PI of Biostatistics core

NIDA R01DA041226, Ray(PI) , 09/01/15-08/30/18, "Combining varenicline and naltrexone for smoking cessation and drinking reduction". Role: Co-Investigator/Biostatistician

NIH P01 CA177322-01A1, Sun (PI) , 09/19/14-08/31/19 Innate Immune Responses and Vaccines Against Tumor-Associated Herpesviruses, Role: Co-Investigator/Biostatistician

NIH/NCI 1R01CA172603-01A1, Huang (PI) , 07/01/13-05/31/16 "A Novel Strategy to Identify Prostate Cancer Biomarkers for Patient Management." Role: Co-Investigator/Biostatistician

NIH R01 Grant: Auto-antibody plus PSA assay for patients with Prostate cancer (PI: Zeng), 2012-2015, Role: Co-Investigator/Biostatistician

NIH Program Project Grant, 2010-2015, (David Baltimore, PI; $15,000,000) "Stem cell-engineered tumor immunity in man". Role: Co-PI/PD of Biostatistics Core.

NIH Grant, UCLA Center for Excellence in Pancreatic Diseases, 2007-2013, (William V.L. Go, PI; $5,000,000) : PI/PD of Biostatistics core.

NIH Cancer Center Support Grant, Johnsson Cancer Center, 2007-2012, (Judith Gasson, PI; $15,000,000); Role: PI of Biostatistics Shared Resource.

NIH/Fogarty (ICOHRTA) U2R TW006918 (Wu/Detels), 2010-2014 (Co-investigator)

P50 MH66286 (Nuechterlein) NIMH Center for Neurocognition and Emotion in Schizophrenia 2010-2015 , Role: Co-Investigator/Biostatistician

NIH 1R21CA137651-01A1 (Gang Zeng, PI; $264,000), Auto-antibody plus PSA assay for patients with prostate cancer: 2009-2011: Role: Co-Investigator/Biostatistician

1 UA3MC11055-01-00 (Kasari, PI; $3,000,000), Autism Intervention Network on Behavioral Health (AIR-B Network): 2008-2011: Role: Co-Investigator/Biostatistician

NIH grant, China Multidiciplinary AIDS Prevention Training Program, 2004-2009, (Detels): $1,250,368 Role: Co-Investigator

UCLA Semel Institute for Neuroscience and Human Behavior (Consulting); 2007-2008: 35%

UCLA Semel Institute for Neuroscience and Human Behavior (Consulting); 2005-2007: 25%

NIMH R01 MH065707 Green (PI), The Genetics of Endophenotypes and Schizophrenia 2002-2009: 10%

NIH Core Grant, Johnsson Cancer Center, 2000-2006, (Judith Gasson, PI); Role: Co-I

National Eye Institute Grant, 2001-2006, (Caprioli, PI); $1,194,675; Role: Co-I

NIH/NICHD 9RO1HD39954 (Tucker, PI): 2000-2006: Role: Co-I

NIMH R01 MH64542 Kopelowicz (PI): Role: Co-I

05DC-008 (Altshuler, PI), 2003-2006: Role: Co-I

NIH grant, FIRST AWARD, 1998-2003 (PI, 50%): "Topics on Semiparametric Methods for Survival Data". Role: Principal Investigator

UCLA Faculty Research Grant, 1999-2000 : Role: PI

UCLA Faculty Career Development Award, 1998-1999. Role: PI

NSF Grant for SGI Computer (1995, joint with Droyster, Lucas, Oh, and Sun). $46000. Role: Co-PI

UNCC Faculty Research Grants, 1994, 1995, and 1997. Role: PI

NSF travel grant to IMS Young Researchers' Meetings, 1993.
%item

COURSES TAUGHT

- 1988-92, Florida State University:

  Stat3014 Business Statistics

- 1992-93, Purdue University:

  Stat503 Statistics for Biological Sciences
  Stat511 Statistics for Engineers
  Stat512 Applied Statistics II

- 1993-97, University of North Carolina at Charlotte

  Math1100 College Algebra
  Stat1220 Elements of Statistics (BUSN)
  Stat1222 Elements of Statistics (SBS)
  Stat2122 Introduction to Probability and Statistics
  Stat5123 Applied Statistics I
  Stat5124 Applied Statistics II
  Stat5126 Theory of Statistics I
  Stat5127 Theory of Statistics II
  Math7691 Survival Analysis
  Math7691 Generalized Linear Models
  Math7691 Nonparametric Regression
  Math7691 Statistical Models in S-PLUS

- 1997-present, UCLA

  Biostat 110B, Winter 1998 Basic Statistics
  Biostat 115, Spring 1998 Topics in Estimation
  Biostat M215, Fall 1998 Survival Analysis
  Biostat 110B, Winter 1999 Basic Statistics
  Biostat M215, Fall 1999 Survival Analysis
  Biostat 110B, Winter 2000 Basic Statistics
  Biostat 277, Spring 2001 Robustness and Modern Nonparametrics
  Biostat 245, Spring 2001 Advanced Seminar in Biostatistics
  Biostat 599, Spring 2001 Research-Dissertation
  Biostat M215, Fall 2001 Survival Analysis(15)
  Biostat 599, Fall 2001 Research-Dissertation(2)
  Biostat 596, Winter 2002 Indirected Individual Study(1)
  Biostat 597, Winter 2002 Prep. for Coms and Qualifying Exams(1)
  Biostat 599, Winter 2002 Research-Dissertation(3)
  Biostat 596, Spring 2002 Indirected Individual Study(1)
  Biostat 597, Spring 2002 Prep. for Coms and Qualifying Exams(1)
  Biostat 599, Spring 2002 Research-Dissertation(3)
  Biostat 115, Spring 2002 Topics in Estimation (16)
  Biostat 245, Spring 2002 Advanced Seminar(28)

Biostat 597, Fall 2002	Prep. for Coms and Qualifying Exams (1)
Biostat 599, Fall 2002	Research-Dissertation(1)
Biostat M215, Fall 2002	Survival Analysis (18)
Biostat 599, Winter 2003	Research-Dissertation (4)
Biostat M215, Fall 2003	Survival Analysis (18)
Biostat 596, Fall 2003	Indirected Individual Study (5)
Biostat 597, Fall 2003	Prep. for Coms and Qualifying Exams (2)
Biostat 599, Fall 2003	Research-Dissertation (4)
Biostat 100B, Winter 2004	Introduction to Biostatistics (80)
Biostat 596, Winter 2004	Indirected Individual Study (4)
Biostat 597, Winter 2004	Prep. for Coms and Qualifying Exams (2)
Biostat 599, Winter 2004	Research-Dissertation (6)
Biostat 296, Spring 2004	Reserach Topics in Biostatistics (10)
Biostat 596, Spring 2004	Indirected Individual Study (4)
Biostat 597, Spring 2004	Prep. for Coms and Qualifying Exams (1)
Biostat 599, Spring 2004	Research-Dissertation (5)
Biostat M215, Fall 2004	Survival Analysis
Biostat 296, Fall 2004	Reserach Topics in Biostatistics
Biostat 596, Fall 2004	Indirected Individual Study
Biostat 597, Fall 2004	Prep. for Coms and Qualifying Exams
Biostat 599, Fall 2004	Research-Dissertation
Biostat M215, Fall 2005	Survival Analysis
Biostat 296, Fall 2005	Reserach Topics in Biostatistics
Biostat 596, Fall 2005	Indirected Individual Study
Biostat 597, Fall 2005	Prep. for Coms and Qualifying Exams
Biostat 599, Fall 2005	Research-Dissertation
Bios 400, Winter 06	Field Studies
Bios 596, Winter 06	Directed Individual Study
Bios 597, Winter 06	Prep. for MS Comp. Exams and Ph.D Qualifying Exams
Bios 599, Winter 06	Research-Diss
Bios 245,Spring 06	Advanced Seminar
Bios 296, Spring 06	Research Topics in Biostatistics
Bios 596, Spring 06	Directed Individual Study
Bios 599, Spring 06	Research-Diss
M215, Fall 06	Survival Analysis
Bios 596, Fall 06	Directed Individual Study
Bios 597, Fall 06	Prep. for MS Comp Exams and Ph.D Qualifying Exams
Bios 599, Fall 06	Research-Diss
Bios 245, Winter 07	Advanced Seminar
Bios 596, Winter 07	Directed Individual Study
Bios 597, Winter 07	Prep. for MS Comp Exams and Ph.D Qualifying Exams
Bios 599, Winter 07	Research-Diss
Bios 240, Spring 07	MS Seminar and Research
Bios 277, Spring 07	Robustness and Modern Nonparametrics
Bios 596, Spring 07	Directed Individual Study
Bios 597, Spring 07	Prep. for MS Comp Exams and Ph.D Qualifying Exams
Bios 599, Spring 07	Research-Diss

Biostat M215, Fall 2007	Survival Analysis
Bios 245, Fall 07	Advanced Seminar
Bios 599, Fall 07	Research-Diss
Bios 245, Winter 08	Advanced Seminar
Bios 596, Winter 08	Directed Individual Study
Bios 597, Winter 08	Prep. for MS Comp Exams and Ph.D Qualifying Exams
Bios 599, Winter 08	Research-Diss
Bios 240, Spring 08	MS Seminar and Research
Bios 596, Spring 08	Directed Individual Study
Bios 597, Spring 08	Prep. for MS Comp Exams and Ph.D Qualifying Exams
Bios 599, Spring 08	Research-Diss
Biostat M215, Fall 2008	Survival Analysis
Bios 245, Fall 08	Advanced Seminar
Bios 599, Fall 08	Research-Diss
Bios 245, Winter 09	Advanced Seminar
Bios 277, Winter 09	Statistical Methods for Clinical Trials
Bios 596, Winter 09	Directed Individual Study
Bios 599, Winter 09	Research-Diss
Bios 240, Spring 09	MS Seminar and Research
Bios 596, Spring 09	Directed Individual Study
Bios 597, Spring 09	Prep. for MS Comp Exams and Ph.D Qualifying Exams
Bios 599, Spring 09	Research-Diss
Bios 599, Fall 09	Research-Diss
Bios 596, Fall 09	Directed Individual Study
M215, Winter 10	Survival Analysis
Bios 596, Winter 10	Directed Individual Study
Bios 599, Winter 10	Research-Diss
Bios 596, Spring 10	Directed Individual Study
Bios 597, Spring 10	Prep. for MS Comprehensive Exams and Ph.D Qualifying Exams
Bios 599, Spring 10	Research-Diss
M215, Fall 10	Survival Analysis
Bios 596, Fall 10	Directed Individual Study
Bios 599, Fall 10	Research-Diss
Bios 400, Summer 2011	Field Studies
Biostat M215, Fall 2011	Survival Analysis
Bios 400, Fall 11	Field Studies
Bios 596, Fall 11	Prep. for MS Comp Exams and Ph.D Qualifying Exams
Bios 597, Fall 11	Research-Diss
Bios 596, Winter 12	Directed Individual Study
Bios 597, Winter 12	Prep. for MS Comp Exams and Ph.D Qualifying Exams
Bios M238, Spring 12	Meth-Clinical Trial
Bios 596, Spring 12	Directed Individual Study
Bios 597, Spring 12	Prep. for MS Comp Exams and Ph.D Qualifying Exams
Biostat M215, Fall 2012	Survival Analysis
Bios 597, Fall 2012	Prep. for MS Comp Exams and Ph.D Qualifying Exams
Bios 599, Fall 2012	Research-Diss

To be updated

OTHER PROFESSIONAL ACTIVITIES SINCE 1999

Referee	Over 15 papers each year for more than 15 journals including Annals of Statistics, JASA, JRSS-B, Biometrics, Statistics in Medicine, Statistica Sinica, JMVA, and Biometrika
Topic-contributed Talk	High-dimensional survival data methods JSM 2020 (Aug 1-6 in Philadelphia)
Invited Talk	Conference on Lifetime Data Science: Foundations and Frontiers, Pittisburg, May 2019
Invited talk	12th International Conference of the ERCIM WG on Computational and Methodological Statistics 13th International Conference on Computational and Financial Econometrics, University of London, UK 14-16 December 2019
Invited Talk	Statistical Society of Canada, Calgary, May 2019
Invited Talk	University of North Carolina at Chapel Hill, March 2019
Invited Talk	The State University of New York at Buffalo, August 2018
Instructor	JSM 2018 CE Course: Joint Modeling of Longitudinal and Survival Data
Invited Talk	JSM, Vancouver, August 2018
Invited Talk	Sichuan University, July 2018
Invited Talk	International Conference on Frontiers of Data Science, Hangzhou, May 2018
Invited Talk	University of California at Riverside, April 2018
Invited Talk	University of California at Irvine, November 2017
Invited Talk	University of Maryland at College Park, October 2017
Invited Talk	National University of Singapore July 2017
Invited Talk	Hong Kong University, June 2017
Invited Talk	Qingdao University, June 2017
Invited Lecturer	2017 OUC Survival Analysis Workshop , June 2017
Invited Talk	2017 LIDA Conference, May 2017
Invited Talk	2016 ICSA Int'l Conference, December 2016
Invited Talk	2016 OUC Winter Wrokshop, December 2016
Invited Talk	2016 ENAR Meeting, March 2016
Invited Talk	HKUST, February 2016
Invited Talk	HKU, January 2016
Invited Lecture	Survival Analysis Workshop, Jan 2016, HKU
Invited Talk	Ocean University of China, April 2015
Invited Talk	Hangzhou Cancer Hospital, China, May 2015
Invited Talk	Seoul National University, May 2015
Invited Talk	Cedars-Sinai Samuel Oschin Comprehensive Cancer Institute, November 2014
Invited Talk	2014 International Indian Statistical Association (IISA) conference, July 2014
Invited Talk	WNAR/IMS Conference, Hawaii, June 2014
Invited Talk	University of California at Santa Barbara, May 2014

Invited Talk	The 2nd International Conference on Engineering and Computational Mathematics (ECM2013), Hong Kong, Dec 2013
Invited Talk	2013 ICSA International Conference, Hong Kong, Dec 2013
Invited Talk	University of North Carolina at Chapel Hill, April 2013
Invited Talk	Chinese Ocean University, Dec 2013
Invited Talk	Joint International Workshop on Frontiers of Statistics, Kunming, 2012
Poster presentation	The 33rd Annual Conference of the International Society for Clinical Biostatistics, Norway, August 2012
Invited Talk	UCLA CEPD Seminar, April 2012
Invited Talk	IMS-China Meeting, Xian July 2011
Invited Talk	International Workshop on Clinical Trials, Jilin, July 2011
Invited Talk	The 2nd International Symposium on Biopharm Statistics, Berlin, Feb 2011
Invited Talk	ENAR Meeting, Miami, March 2011
Special topic talk	Joint Statistical Meetings, Vancouver, August 2010
Invited Talk	Conference on Statistics Analysis of Complex Data, Kunming, July 2010
Invited Talk	Conference on Statistics Analysis of Complex Data, Kunming, July 2010
Invited Talk	Joint Statistical Meetings, DC, August 2009
Invited Talk	Yale University, November 2008 Joint modeling of longitudinal and survival data
Invited Talk	Joint Statistical Meetings, Denver, August 2008 Subgroup analysis for assessing treatment efficacy with a survival outcome
Invited Talk	U. of California at San Francisco, June 2008 Joint modeling of longitudinal and survival data
Invited Talk	Brunel University, UK, May 2008 Joint modeling of longitudinal and competing risks survival data
Invited Talk	University of Manchester, UK, May 2008 Joint modeling of longitudinal and competing risks survival data
Invited Talk	MD Anderson Cancer Institute, November 2007 Joint analysis of longitudinal and survival data
Invited Talk	Hong Kong University, July 2007
Invited Talk	Beijing University, July 2007
Invited Talk	Zhuhai International College, July 2007
Invited Talk	2007 Taipei International Statistical Symposium and ICSA International Conference, June 2007
Invited Talk	Conference on nonparametric statistics, survival analysis and reliability, Tallahassee, FL, April 2007
Invited Talk	"ROC Analysis for Clustered Data" International Conference on Frontiers in Statistics, July 2006
Invited Talk	"Joint modeling of longitudinal and survival data" International Conference on Design of Experiments and Its Applications, July 2006

Discussant	Invited Session on Survival Analysis with Medical Applications JSM 2006
Invited Talk	Beijing University, Beijing, China, Dec 2006
Invited Talk	University of Washington, June 2005
Invited Talk	Tsinghua University, Taiwan, Jan. 2004
Invited Talk	Academia Sinica, Taiwan, Jan., 2004
Invited Lecture Series	Tamkang University, Taiwan, Jan 5-6. 2004
Invited Talk	ICSA Applied Statistics Symposium, June, 2004
Invited Talk	HK Baptist University, Aug. 2004
Invited Talk	Chinese Academy of Sciences, Beijing, China, Aug. 2004
Invited Talk	University of Maryland, October, 2004
Invited Talk	ICSA Applied Statistics Symposium, San Diego, June 6-9, 2004
Invited Talk	Nonparametric Statistics Conference, Crete, Greece, July 2002
Invited Talk	Joint Statistical Meetings, New York, August 2002
Invited Talk	HK University of Science and Technology 2001
Invited Talk	National University of Singapore, 2001
Invited Talk	EMAR/IMS Meeting, March 2001
Invited Talk	Florida State University 2000
Contributed talk	MCQMC International Conference, Hong Kong 2000
Invited Talk	HK Baptist University 2000
Invited Talk	Chinese HK University 2000
Invited Talk	University of Missouri, 1999
Contributed talk	Joint Statistical Meetings 1999
Organizer	Distinguished Lectures on Survival Analysis IMS-China Meeting July 2011
Organizer	Special topic session on semiparametric Bayesian methods JSM 2010
Organizer	Invited session on statistical methods for analysis of clinical trials JSM 2009
Organizer	WNAR-sponsored topic-contributed session on joint modeling of longitudinal and survival data, JSM 2007
Organizer	Invited session on Advances in Bioinformatics and Biostatistics Taipei International Statistical Symposium and ICSA International Conference, June 2007
Organizer	Invited session on clinical trials and survival analysis WNAR/IMS Annual Meetings, June 2006
Organizor and Chair	IMS Invited Session: "Empirical Likelihood" Joint Statistical Meetings, Toronto, August 7-12, 2004
Organizor and Chair	Invited Session: "Survival Analysis" ICSA Applied Statistics Symposium, San Diego, June 6-9, 2004
Organizer	Invited Session: "Survival Analysis" WNAR/IMS Meeting, June, Los Angeles, 2002
Organizor and Chair	Invited Session: "Recent development in semiparametric likelihood inference", ICSA Applied Statistics Symposium, June 2000
External Reviewer	Hong Kong Research Grant Council, 1999, 2000
Chair	Contributed session "Proportional hazards models and methods" Joint Statistical Meetings, 1999