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EDUCATION

- 1992-1997 **B.S.** Economic Geography, Department of Urban and Environmental Sciences, Peking University, China
- 1994-1997 **Minor** Computer Software, Department of Computer Science and Technology, Peking University, China
- 1997-2000 **M.S.** Quaternary Geology, Department of Urban and Environmental Sciences, Peking University, China
- 2000-2005 **Ph.D.** Biostatistics, Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland

PROFESSIONAL EXPERIENCE

- 2001-2006 **Research Assistant and Teaching Assistant**
Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland
- 2006-present **Assistant Professor**
Division of Biostatistics, School of Public Health, University of Minnesota
Member of Masonic Cancer Center, University of Minnesota

RESEARCH INTERESTS

Research interests include methods and applications for recurrent event data, survival data, longitudinal data, and data from case-crossover studies; design and analysis of clinical trials. Collaborations include cancer research, bone marrow transplant (BMT), tobacco use and smoking cessation, pharmacogenetics, gerontology, pediatric psychiatry, and health disparity research.

PEER-REVIEWED PUBLICATIONS

1. **Luo X**, Ni J. (2000). Advances in land use and land cover change. *Journal of Basic Science and Engineering* (in Chinese), 8:262-272.
2. **Luo X**, Ni J, Luo H. (2001). Multicollinearity problems and their treatment in statistical studies of land use change. *Journal of Basic Science and Engineering* (in Chinese), 9:297-306.
3. Wissow LS, Roter D, Larson SM, Wang M-C, Hwang W-T, Johnson R, **Luo X**. (2002). Mechanisms behind the failure of residents' longitudinal primary care to promote disclosure and discussion of psychosocial Issues. *Archives of Pediatrics and Adolescent Medicine*, 156:685-692.

4. Wissow LS, Larson SM, Roter D, Wang M-C, Hwang W-T, **Luo X**, Johnson R, Gielen A, Wilson MH, McDonald E. (2003). Longitudinal care improves disclosure of psychosocial information. *Archives of Pediatrics and Adolescent Medicine*, 157:419-424.
5. Chen L, Wang M, Villalta PW, **Luo X**, Feuer R, Jensen J, Hatsukami DK, Hecht SS. (2007). Quantitation of an acetaldehyde adduct in human leukocyte DNA and the effect of smoking cessation. *Chemical Research in Toxicology*, 20(1):108-113.
6. Hecht SS, Carmella SG, Murphy SE, Riley W, Le C, **Luo X**, Mooney ME, Hatsukami DK. (2007). Similar exposure of a tobacco-specific carcinogen in smokeless tobacco users and smokers. *Cancer Epidemiology Biomarkers & Prevention*, 16(8):1567-1572.
7. Wissow LS, Gadowski A, Roter D, Larson S, Brown J, Zachary C, Bartlett E, Horn I, **Luo X**, Wang M-C. (2008). Improving child and parent mental health in primary care: a cluster-randomized trial of communication skills training. *Pediatrics*, 121(2):266-275.
8. Dudek AZ, Mescher MF, Okazaki I, Math VT, **Luo X**, Curtsinger JM, Miller JS. (2008). Autologous large multivalent immunogen vaccine in patients with metastatic melanoma and renal cell carcinoma. *American Journal of Clinical Oncology*, 31(2):173-181.
9. Harker-Murray PD, Thomas AJ, Wagner JE, Weisdorf D, **Luo X**, Defor TE, Verneris MR, Dusenbery KE, Macmillan ML, Tolar J, Baker KS, Orchard PJ. (2008). Allogeneic hematopoietic cell transplantation in children with relapsed acute lymphoblastic leukemia isolated to the central nervous system. *Biology of Blood and Marrow Transplantation*, 14(6):685-692.
10. Hecht SS, Carmella SG, Edmonds A, Murphy SE, Stepanov I, **Luo X**, Hatsukami DK. (2008). Exposure to nicotine and a tobacco-specific carcinogen increase with duration of use of smokeless tobacco. *Tobacco Control*, 17:128-131.
11. **Luo X**, Sorock GS. (2008). Analysis of recurrent event data under the case-crossover design with applications to elderly falls. *Statistics in Medicine*, 27:2890-2901.
12. Grant T, McNeil M, **Luo X**. (2008). Absolute and relative value of human simulator features as perceived by medical undergraduates. *Simulation in Healthcare*, 3:133-137.
13. Hertsgaard L, Hanson K, Riley W, Hecht SS, Lindgren B, **Luo X**, Carmella SG, Riley W, Murphy S, Hatsukami DK. (2008). Exposure to a tobacco-specific lung carcinogen in adolescent versus adult smokers. *Cancer Epidemiology Biomarkers & Prevention*, 17(12):3337-3343.
14. An LC, Berg CJ, Klatt CM, Perry CL, Thomas JL, **Luo X**, Ehlinger E, Ahluwalia JS. (2009). Symptoms of cough and shortness of breath among occasional young adult smokers. *Nicotine & Tobacco Research*, 11(2):126-133.
15. Burke MJ, Trotz B, **Luo X**, Baker KS, Weisdorf DJ, Wagner JE, Verneris MR. (2009). Allo-hematopoietic cell transplantation for Ph chromosome-positive ALL: impact of imatinib on relapse and survival. *Bone Marrow Transplant*, 43(2):107-113.
16. Bachanova V, Brunstein CG, Burns LJ, Miller JS, **Luo X**, Defor TE, Young JA, Weisdorf DJ, Tomblyn M. (2009). Fewer infections and lower infection-related mortality following

- non-myeloablative versus myeloablative conditioning for allotransplantation of patients with lymphoma. *Bone Marrow Transplant*, 43(3):237-244.
17. Burke MJ, Trotz B, **Luo X**, Weisdorf DJ, Baker KS, Wagner JE, Verneris MR. (2009). Imatinib use either pre or post-allogeneic hematopoietic cell transplantation (Allo-HCT) does not increase cardiac risks in chronic myelogenous leukemia (CML) patients. *Bone Marrow Transplant*, 44(3):169-174.
 18. Sorock GS, Quigley PA, Rutledge MK, Taylor J, **Luo X**, Foulis P, Wang M-C, Varadhan R, Bellantoni M, Baker SP. (2009). Central nervous system medication changes and falls in nursing home residents. *Geriatric Nursing*, 30(5):334-340.
 19. Thomas JL, An LC, **Luo X**, Scherber RM, Berg CJ, Golden D, Ehlinger EP, Murphy SE, Hecht SS, Ahluwalia JS. (2010). Abstinence and relapse rates following a college campus-based "Quit & Win" contest. *The Journal of American College Health*, 58(4):365-372.
 20. Davydova J, Gavrikova T, Brown EJ, **Luo X**, Curiel DT, Vickers SM, Yamamoto M. (2010). In vivo bioimaging tracks conditionally replicative adenoviral replication and provides an early indication of viral antitumor efficacy. *Cancer Science*, 101(2):474-481.
 21. **Luo X**, Wang M-C, Huang C-Y. (2010). A comparison of various rate functions of a recurrent event process in the presence of a terminal event. *Statistical Methods in Medical Research*, 19(2):167-182.
 22. Sperduto PW, Chao S, Sneed P, **Luo X**, Suh J, Roberge D, Bhatt A, Jensen A, Brown PD, Shih H, Kirkpatrick J, Schwer A, Gaspar LE, Fiveash J, Chiang V, Knisely J, Sperduto CM, Mehta M. (2010). Diagnosis-specific prognostic factors, indexes and treatment outcomes for patients with newly diagnosed brain metastases: a multi-institutional analysis of 4259 patients. *International Journal of Radiation Oncology, Biology, Physics*, 77(3):655-661.
 23. Ebbert JO, Edmonds A, **Luo X**, Jensen J, Hatsukami DK. (2010). Smokeless tobacco reduction with the nicotine lozenge and behavioral intervention. *Nicotine & Tobacco Research*, 12(8):823-827.
 24. Kassie F, Melkamu T, Dagne A, Upadhyaya P, **Luo X**, Hecht SS. (2010). Inhibition of lung carcinogenesis and critical cancer-related signaling pathways by N-acetyl-S-(N-2-phenethylthiocarbamoyl)-L-cysteine, indole-3-carbinol and myo-inositol, alone and in combination. *Carcinogenesis*, 31(9):1634-1641.
 25. **Luo X***, Huang C-Y*. (2011). Analysis of recurrent gap time data using the weighted risk set method and the modified within-cluster resampling method. *Statistics in Medicine*, 30(4):301-11. * Both authors contributed equally to the work.
 26. Dagne A, Melkamu T, Schutten M, Qian X, Upadhyaya P, **Luo X**, Kassie F. (2011). Enhanced inhibition of lung adenocarcinoma by combinatorial treatment with indole-3-carbinol and silibinin in A/J mice. *Carcinogenesis*, 32(4):561-7.
 27. Mitra R, Lee J, Jo J, Milani M, McClintick JN, Edenberg HJ, Kesler KA, Rieger KM, Badve S, Cummings OW, Mohiuddin A, Thomas DG, **Luo X**, Juliar BE, Li L, Mesaros C, Blair IA, Srirangam A, Kratzke R, McDonald CJ, Kim J, Potter DA. (2011). Prediction

- of postoperative recurrence-free survival in non-small cell lung cancer by using an internationally validated gene expression model. *Clinical Cancer Research*, 17(9):2934-2946.
28. Mitra R, Guo Z, Milani M, Mesaros C, Rodriguez M, Nguyen J, **Luo X**, Clarke D, Lamba J, Schuetz E, Donner DB, Puli N, Falck JR, Capdevila J, Gupta K, Blair IA, Potter DA. (2011). CYP3A4 mediates growth of ER+ breast cancer cells, in part, by nuclear translocation of phospho-Stat3 through biosynthesis of (\pm)-14,15-EET. *Journal of Biological Chemistry*, 286(20):17543-59.
 29. Divani AA, Majidi S, **Luo X**, Souslian FG, Zhang J, Tummala R. (2011). The ABC's of accurate volumetric measurement of cerebral hematoma. *Stroke*, 42(6):1569-74.
 30. Huang C-Y, **Luo X**, Follmann D. (2011). A model checking method for the proportional hazards model with recurrent gap time data. *Biostatistics*, 12(3):535-547.
 31. Hirsch B, Oseth L, Cain M, Pulkrabek S, Lindgren B, **Luo X**, Clay M, Weisdorf D, McCullough J. (2011). Effects of granulocyte-colony stimulating factor (G-CSF) on chromosome instability in healthy peripheral blood stem cell donors. *Blood*, 118(9):2602-8.
 32. Foley B, Cooley S, Verneris MR, Curtsinger JM, **Luo X**, Waller EK, Weisdorf DJ, Miller JS. (2011). NK cell education after allogeneic transplantation: dissociation between recovery of cytokine producing and cytotoxic functions. *Blood*, 118(10):2784-92.
 33. Lee HY, Lundquist M, Ju E, **Luo X**, Townsend A. (2011). Colorectal cancer screening disparities in Asian Americans and Pacific Islanders: which groups are the most vulnerable? *Ethnicity and Health*, 16(6):501-18.
 34. Sperduto PW, Kased N, Roberge D, Xu Z, Shanley R, **Luo X**, Sneed PK, Chao ST, Weil RJ, Suh J, Bhatt A, Jensen AW, Brown PD, Shih HA, Kirkpatrick J, Gaspar LE, Fiveash JB, Chiang V, Knisely JPS, Sperduto CM, Mehta M. Effect of tumor subtype on survival and the graded prognostic assessment for patients with breast cancer and brain Metastases. *International Journal of Radiation Oncology, Biology, Physics*, 2011 Apr 14. [Epub ahead of print]
 35. Foley B, Cooley S, Verneris MR, Pitt M, Curtsinger J, **Luo X**, Lopez-Vergs S, Lanier LL, Weisdorf D, Miller JS. Cytomegalovirus reactivation after allogeneic transplantation promotes a lasting increase in educated NKG2C+ natural killer cells with potent function. *Blood*, 2011 Dec 16. [Epub ahead of print]
 36. Sperduto PW, Kased N, Roberge D, Xu Z, Shanley R, **Luo X**, Sneed PK, Chao ST, Weil RJ, Suh J, Bhatt A, Jensen AW, Brown PD, Shih HA, Kirkpatrick J, Gaspar LE, Fiveash JB, Chiang V, Knisely JPS, Sperduto CM, Lin N, Mehta M. Summary report on the graded prognostic assessment (GPA): an accurate and facile diagnosis-specific tool to estimate survival for patients with brain metastases. *Journal of Clinical Oncology*, 2011 Dec 27. [Epub ahead of print]
 37. Schiller K, **Luo X**, Anderson A, Jensen J, Hatsukami DK. Comparing an immediate cessation versus reduction approach to smokeless tobacco cessation. *Nicotine & Tobacco Research*, 2012 Jan 4. [Epub ahead of print]

38. Skubitz KM, Francis P, Skubitz APN, **Luo X**, Nilbert M. Gene expression identifies heterogeneity of metastatic propensity in high-grade soft tissue sarcomas. *Cancer* (accepted).
39. Brandy KR, Meyer RM, **Luo X**, Rao GH, Divani AA. Evaluation of the coagulation profile among oral and vaginal combined hormonal contraceptive users using sonoclot coagulation analyzer. *Clinical and Applied Thrombosis/Hemostasis* (accepted).
40. Divani AA, **Luo X**, Brandy KB, Meyer RM, Joseph MS, Flaherty JD, Rao GHR, Datta YH. Oral versus vaginal combined hormonal contraceptives effect on coagulation and inflammatory biomarkers among young adult women *Clinical and Applied Thrombosis/Hemostasis* (accepted).

OTHER PUBLICATIONS

1. Huang C-Y, **Luo X**. (2008). Book review of “The Statistical Analysis of Recurrent Events (R. J. Cook and J. F. Lawless)”. *Biometrics*, 64:987-8.
2. Sperduto PW, Chao ST, Sneed PK, **Luo X**, Suh J, Roberge D, Bhatt A, Jensen AW, Brown PD, Shih H, Kirkpatrick J, Gaspar LE, Fiveash JB, Chiang V, Knisely J, Sperduto CM, Mehta MP. Reply to Drs. Mulvenna and Holt. (2011). *International Journal of Radiation Oncology Biology Physics*, 81(4):1194-5.

Presentations

Conference Presentations

1. Semiparametric regression for recurrent event data with time-dependent covariates and informative censoring. Contributed talk and paper. *The International Biometric Society Eastern North American Region (ENAR) 2005 Spring Meeting*, Austin, TX, 2005.
2. Recurrent event models in the presence of a terminal event: comparison, inference and data analysis. Contributed talk and paper. *Joint Statistical Meetings (JSM)*, Minneapolis, MN, 2005.
3. Analysis of recurrent event data in case-crossover studies. Contributed talk and paper. *Joint Statistical Meetings (JSM)*, Salt Lake City, UT, 2007.
4. Recurrence time data analysis using within-cluster resampling. Contributed talk and paper. *Joint Statistical Meetings (JSM)*, Washington DC, 2009.
5. Commonality analysis for survival data, with an application to data from breast cancer patients with newly diagnosed brain metastases. Contributed talk and paper. *Joint Statistical Meetings (JSM)*, Miami, FL, 2011.

Coauthored Conference Abstracts/Posters

1. Harker-Murray PD, Verneris MR, Thomas AJ, **Luo X**, MacMillan ML, Tolar J, Baker KS, Wagner JE, Orchard PJ. Hematopoietic cell transplantation as therapy for pediatric patients with relapsed acute lymphoblastic leukemia with and without CNS involvement. *The American Society of Hematology (ASH) Annual Meeting Abstracts 2006*, Blood 108(11): 886A-887A. Abstract 3110.

2. Tomblyn M, Blazar B, Dusenbery K, Miller JS, Burns LJ, **Luo X**, Defor T, Brunstein C, Arora M, MacMillan ML, Verneris M, Wagner J Jr., Weisdorf DJ. Promising Progression Free and Overall Survival Using a Novel (CY/FLU/TBI) Reduced-Intensity Conditioning (RIC) Regimen for Allogeneic Sibling Stem Cell Transplantation (SCT). *The American Society of Hematology (ASH) Annual Meeting Abstracts 2006, Blood* 108(11): 850A-851A. Abstract 2999.
3. Long JR, Oetting W, Wang X, **Luo X**, Tomblyn M, Weisdorf D, Jacobson PA. Impact of genetic variants on mycophenolate exposure in hematopoietic cell transplantation (HCT). *The American Society of Hematology (ASH) Annual Meeting Abstracts 2007, Blood* 110(11): 884A. Abstract 3010.
4. Skubitz K, Francis P, Skubitz A, **Luo X**, Nilbert M. Use of gene expression to identify heterogeneity of metastatic behavior among soft tissue sarcomas. *Connective Tissue Oncology Society (CTOS) Annual Meeting 2007*. Abstract 896.
5. Sorock GS, Quigley P, Rutledge M, Taylor J, **Luo X**, Foulis P, Bellantoni M, Baker SP, Varadhan R, Wang M-C. Psychotropic medication changes and the short-term risk of falls in nursing home residents: A case-crossover study. *American Public Health Association (APHA) 135th Meeting 2007*. Abstract 157696.
6. Burke MJ, Trotz B, **Luo X**, DeFor T, Burns L, Baker KS, Weisdorf D, Wagner JE, Verneris MR. Allogeneic hematopoietic cell transplantation (Allo-HCT) for Philadelphia chromosome positive acute lymphoblastic leukemias: impact of Imatinib on risk of relapse and survival. *BMT Tandem Meetings 2008. Biology of Blood and Marrow Transplantation*, 14(2):56-57.
7. Burke MJ, Trotz B, **Luo X**, DeFor T, Baker KS, Wagner JE, Verneris MR. Allogeneic hematopoietic cell transplantation (Allo-HCT) for Philadelphia chromosome positive acute lymphoblastic leukemia: impact of Imatinib on risk of relapse and survival. *The American Society of Pediatric Hematology/Oncology (ASPHO) 2008 meeting*. Abstract 1284.
8. An LC, Berg CJ, Klatt CM, Perry CL, Thomas JL, **Luo X**, Ehlinger E, Ahluwalia JS. Symptoms of cough and shortness of breath among occasional young adult smokers. *Society for research on Nicotine and Tobacco (SNRT)'s 14th Annual Meeting 2008*. POS5-97.
9. Mercurio AM, Thomas JL, An LC, Ahluwalia JS, Scherber R, Berg CJ, Rangel M, Lust K, Golden D, Ehlinger E, **Luo X**. Predictors of long-term abstinence among college campus "Quit & Win" participants. *Society of Behavioral Medicine (SBM) 2008 Meeting*. (Poster).
10. Lee HY, **Luo X**, Lundquist M. Colorectal cancer screening disparities in Asian Americans: exploring subgroup differences and associated determinants. *Society of Social Work Research (SSWR) Cancer Symposium 2009*. #9387.
11. Cooley S, Parham P, Trachtenberg E, **Luo X**, Le C, Klein J, Marsh SGE, Weisdorf DJ, Miller JS. The relapse-free survival benefit associated with group B KIR haplotype donors for unrelated hematopoietic cell transplantation is unique to acute myelogenous leukemia. *2009 BMT Tandem Meetings. Biology of Blood and Marrow Transplantation* 15(2):3.

12. Sperduto PW, Chao ST, Sneed PK, **Luo X**, Suh J, Roberge D, Bhatt A, Jensen A, Brown PD, Shih H, Kirkpatrick J, Schwer A, Gaspar LE, Fiveash J, Chiang V, Knisely J, Sperduto1 CM, Mehta M. Diagnosis-specific prognostic factors, indices and treatment outcomes for patients with newly-diagnosed brain metastases: a multi-institutional analysis of over 5000 patients. *American Society for Therapeutic Radiology and Oncology (ASTRO) 51th Annual Meeting, 2009. International Journal of Radiation Oncology Biology Physics* 75(3), Supplement, Page S225.
13. Lazovich D, Weinstock M, Warshaw E, **Luo X**, Berwick M, Anderson K. Patterns of indoor tanning use among adults in Minnesota. *The 7th World Congress on Melanoma, 2009.*
14. Cooley S, Guethlein L, Trachtenberg E, Ladner M, **Luo X**, Le CT, Wang T, Klein JP, Marsh SGE, Spellman S, Haagenson MD, Weisdorf DJ, Parham P and Miller JS. Selection of donors with favorable KIR B genotypes for unrelated hematopoietic cell transplantation results in superior relapse protection and better relapse-free survival for patients with AML. *The American Society of Hematology (ASH) Annual Meeting 2009.* Abstract 665.
15. Davydova J, Gavrikova T, Brown E, Ono HA, **Luo X**, Curiel DT, Vickers SM, Yamamoto M. Conditionally replicative adenovirus with an adenoviral major late promoter-driven imaging cassette predicts in vivo anti-tumor effect. *American Society of Gene and Cell Therapy (ASGCT) 2010 Annual Meeting.* Abstract 497.
16. Sperduto PW, Xu Z, Sneed PK, **Luo X**, Roberge D, Bhatt A, Jensen AW, Shih H, Kirkpatrick J, Schwer A. A Graded Prognostic Assessment (GPA) for Women with Breast Cancer and Brain Metastases. *American Society of Clinical Oncology 2010 Annual Meeting.* Paper#51909.
17. Rehman A, Blaes AH, **Luo X**, Menge MR, Yee D, Missov E. Use of high-sensitivity cardiac troponin T to predict changes in left ventricular function in cancer patients treated with doxorubicin. *American Society of Clinical Oncology 2010 Annual Meeting.* Abstract ID: e19504
18. Davydova J, Ono HA, Gavrikova T, Brown E, **Luo X**, Curiel DT, Vickers SM, Yamamoto M. Oncolytic adenovirus with a major late promoter-driven imagine cassette predicts in vivo anti-tumor effect. *Japanese Society of Gene Therapy, the 16th annual meeting, 2010.*
19. Sperduto PW, Xu Z, Sneed PP, **Luo X**, Roberge D, Bhatt AK, Jensen AW, Shih HA, Kirkpatrick J, Gaspar LE, et al. The graded prognostic assessment for women with brain metastases from breast cancer (GPA-Breast): a diagnosis-specific prognostic index. *American Society for Therapeutic Radiology and Oncology (ASTRO) 52nd Annual Meeting, 2010.*
20. Cooley S, Wagner JE, Brunstein C, **Luo X**, DeFor T, Hagiwara M, Orreggio G, Curtsinger J, Blazar BR, McGlave P, Miller JS and Verneris MR. Impact of graft source on immune recovery: comparisons between unrelated umbilical cord blood (UCB), HLA matched sibling (Sib) donor and autologous (Auto) hematopoietic stem cells. *The 52nd American Society of Hematology (ASH) Annual Meeting, Orlando, FL, December 4-7, 2010.* (poster)

21. Thomas JL, Ahluwalia JS, Ronco JE, **Luo X**, Lust, K, Nyman, J, Rudie M, Schreier M, An, L, Reitzel, L, Wetter, D, Mazas, C, Figueroa, P. Enhancing intrinsic motivation for sustained abstinence among college smokers enrolled in a Quit and Win contest. Poster presented at *the Annual Meeting of the Society for Research on Nicotine and Tobacco*, Toronto, Canada, February, 16-19, 2011.
22. Majidi S, **Luo X**, Souslian FG, Zhang J, Tummala R, Divani AA. Comparison of Different Measurement Techniques for Hematoma Volume in Phantom Models of Intracerebral Hemorrhage. *The 63rd Annual Meeting of the American Academy of Neurology*, Honolulu, HI. April 19-16, 2011.
23. Knisely J, Sperduto W, Shanley R, **Luo X**, Watanabe Y, Watts C, Sperduto P. The graded prognostic assessment (GPA) for patients with breast cancer and brain metastases: Minnesota experience. *The 10th International Stereotactic Radiosurgery Society Congress*, Paris, France, May 8-12, 2011. #OS14-3.
24. Skubitz KM, Francis P, Skubitz A, **Luo X**, Nilbert M. Heterogeneity of metastatic behavior among high-grade pleomorphic soft tissue sarcomas identified by gene expression analysis. *American Society of Clinical Oncology (ASCO) 2011 Annual Meeting*, Chicago, IL, June 3-7, 2011. Abstract #10082.
25. Sperduto PW, Kased N, Roberge D, Xu Z, Shanley R, **Luo X**, Sneed PK, Chao ST, Weil RJ, Suh J, Bhatt A, Jensen AW, Brown PD, Shih HA, Kirkpatrick J, Gaspar LE, Fiveash JB, Chiang V, Knisely JPS, Sperduto CM, Lin N, Mehta M. The effect of tumor subtype on survival and the graded prognostic assessment (GPA) for patients with breast cancer and brain metastases. *ASCO Breast Cancer Symposium 2011*, San Francisco, CA, September 8-10, 2011. *J Clin Oncol* 29, 2011 (suppl 27; abstr 238)
26. Han J, Armstrong L, **Luo X**, Santos TD, Song CW, Yamamoto M, Vickers SM, Davydova J. Interferon α -based gene therapy in combination with chemoradiotherapy improves anti-tumor effect of pancreatic cancer therapy. *Digestive Disease Week 2012*, San Diego, CA, May 19-22, 2012 (submitted).

EDUCATIONAL ACTIVITIES

Teaching

- Teaching Assistant/Lab Instructor, Department of Biostatistics, Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland, 2001-2005.
 - Statistical Methods in Public Health I-IV, Introduction to Statistical Theory I & II, Survival Analysis, Statistics for Psychosocial Research: Measurement and Structural Models, Data Analysis Workshop I, II (Summer Institute course), Survival Analysis (Summer Institute course).
- Instructor, Division of Biostatistics, School of Public Health, University of Minnesota, 2008-present.
 - Advanced Longitudinal Data Analysis, Spring 2008, Spring 2010, and Fall 2011.

Thesis Advising

- Xiao Liu, MS of Biostatistics, 07/25/2008, “Analysis of Incomplete Longitudinal Data: Anti-Tumor Activities of Angiogenesis Inhibitors”.
- Matthew Rousseau, MS of Biostatistics, 07/08/2009, “Determining the Impact of Donor KIR Genotypes on AML Patients Who Underwent HCT Using Ordinary and Competing Risks Survival Data”.
- Ryan Shanley, MS of Biostatistics, 06/30/2010, “A Comparison of Two New Prognostic Indices for Breast Cancer Patients with Brain Metastases Using Cox Regression and Recursive Partitioning”.
- Binglin Yue, MS of Biostatistics, 6/20/2011, “Commonality Analysis for Survival Data, with an Application to Data from Breast Cancer Patients with Newly Diagnosed Brain Metastases”.
- Wenjie Liao, MS of Biostatistics, TBD, “Analysis of Cigarette Purchase Task Survey Data: a Statistical Perspective”.

Exam Committee

<u>Name</u>	<u>Degree Program</u>	<u>Exam</u>	<u>Date</u>
Xiaoyuan Wang	MS, Statistics	Plan B final oral	11/28/2006
Huan Tian	MS, Biostatistics	Plan B final oral	04/09/2007
Wei Ouyang	PhD, Health Policy and Management	Preliminary oral	05/29/2007
		Final oral	04/23/2009
Jia Xu	MS, Biostatistics	Plan B final oral	09/10/2007
Bo Zhang	PhD, Statistics	Preliminary oral	03/11/2008
		Final oral	08/12/2009
Yan Liu	MS, Statistics	Plan B final oral	07/17/2008
Neeta P Shanbhag	MS, Epidemiology	Plan B final oral	10/19/2009
Laura Hatfield	PhD, Biostatistics	Final oral	08/08/2011
Andrew Wey	MS, Biostatistics	Plan B final oral	08/25/2011
Yue Zhou	MS, Health Informatics	Plan B final oral	09/27/2011

OTHER ACADEMIC ACTIVITIES**Institutional/Divisional Committee Memberships**

- Cancer Protocol Review Committee, Non-Therapeutic (CPRC-NT), University of Minnesota Masonic Cancer Center, 2009 - present.

Journal Reviewer/Referee

- Biometrical Journal
- Biometrics
- Biometrika
- BMC Medicine
- BMC Pulmonary Medicine

- Communications in Statistics - Theory and Methods
- Computational Statistics and Data Analysis
- Evaluation & the Health Professions
- Journal of Clinical Epidemiology
- Journal of Clinical Oncology
- Journal of the American Statistical Association
- Journal of the Royal Statistical Society
- Lifetime Data Analysis
- Statistics in Medicine
- Translational Research
- World Health and Population

Professional Memberships

- American Statistical Association, since 2003
- The International Biometric Society, Eastern North American Region (ENAR), since 2007
- Society for Clinical Trials, since 2007