CURRICULUM VITAE
Chongzhi Di

Associate Member
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Education

1999 – 2003	BSc in Applied Mathematics, Peking University
2004 – 2009	PhD in Biostatistics, Johns Hopkins University

Professional positions

2015 – present	Associate Member, Program of Biostatistics & Biomathematics Fred Hutchinson Cancer Research Center
2016 – Present	Affiliate Associate Professor, Department of Biostatistics University of Washington
2009 – 2015	Assistant Member, Program of Biostatistics & Biomathematics Fred Hutchinson Cancer Research Center
2011 – 2016	Affiliate Assistant Professor, Department of Biostatistics University of Washington

Professional activities

2008 – present	Referee for *JASA, JRSS-B, Biometrics, JCGS, Annals of Applied Statistics* *Statistical Sinica, Statistics in Medicine, JRSS-C, Advances in Statistical Analysis* *Biostatistics, Lifetime Data Analysis, Sankhya B, Plos ONE* *Psychometrika, Health Services and Outcomes Research Methodology* *Medicine & Science in Sports & Medicine, Journal of Applied Physiology* *Scientific Reports*
2008 – present	Organizers/Chairs for invited and topic contributed sessions in statistical conferences JSM, ENAR, WNAR, ICSA, IMS, SAMSI conferences
2013 – present	Grant Reviewer, NSA Mathematical Sciences Program & American Mathematical Society Grant Reviewer, National Institute of Environmental Health Sciences (NIEHS), NIH Grant Reviewer, KNOD (Kidney, Nutrition, Obesity and Diabetes) study section, NIH

Honors and awards

2004 – 2009	Departmental Scholarship, Department of Biostatistics, Johns Hopkins University
2008	Distinguished Student Paper Award for ENAR Spring Meetings in Arlington VA
2008	IMS Laha Award for the 7th World Congress in Probability and Statistics and 71st IMS Annual Meeting in Singapore
2009	Margaret Merrell Award for excellence in research, Johns Hopkins University
2009	Statistics in Epidemiology Section Travel Award for the JSM in Washington DC

Publications

1. Nestadt G, **Di CZ**, Riddle MA, Grados MA, Greenberg BD, Fyer AJ, McCracken JT, Rauch SL, Murphy DL, Rasmussen SA, Cullen B, Hoehn-Saric R, Pinto A, Knowles JA, Piacentini J, Pauls DL, Bienvenu OJ, Wang Y, Liang KY, Samuels JF, Bandeen-Roche K (2009). Obsessive-Compulsive Disorder: Sub-Classification based on Comorbidity. *Psychological Medicine*, Vol. 39, No. 9, 1491–1501.

2. **Di CZ**, Crainiceanu CM, Caffo BS and Punjabi NM (2009). Multilevel Functional Principal Component Analysis. *Annals of Applied Statistics*, Vol. 3, No. 1, 458–488.

3. Crainiceanu CM, Caffo BS, **Di CZ** and Punjabi NM (2009). Nonparametric Signal Extraction and Measurement Error in the Analysis of Electroencephalographic Activity During Sleep. *JASA*, Vol. 104, No. 486, 541–555.

4. Crainiceanu CM, Staicu AM, and **Di CZ** (2009). Generalized Multilevel Functional Regression. *JASA*, Vol. 104, No. 488, 1550–1561.

5. Nestadt G, **Di CZ**, Samuels JF, Bienvenu OJ, Reti I, Costa P, Eaton WW, Bandeen-Roche K (2010). The Stability of DSM Personality Disorders over Twelve to Eighteen Years: Results from the HEPS Study. *Journal of Psychiatric Research*, Vol. 44, No. 1, 1–7.

6. **Di CZ** and Liang KY (2011). Likelihood Ratio Tests for Admixture Models with Application to Genetic Linkage Studies. *Biometrics*, Vol. 67, No. 4, 1249–1259.

7. **Di CZ** and Bandeen-Roche K (2011). Multilevel Latent Class Models with Dirichlet Mixing Distribution. *Biometrics*, Vol. 67, No. 1, 86–96.

8. Chan KCG, Chen YQ and **Di CZ** (2012). Proportional Mean Residual Life Model for Censored Length-biased Data of Prevalent Cohort. *Biometrika*, Vol. 99, No. 4, 995–1000.

9. Nestadt G, **Di CZ**, Samuels JF, Cheng YJ, Bienvenu OJ, Reti I, Costa P, Eaton WW, Bandeen-Roche K (2012). Concordance between Personality Disorder Assessment Methods. *Psychological Medicine*, Vol. 42, No. 3, 657–667.

10. Neuhouser ML, **Di CZ**, Tinker L, Thomson C, Sternfeld B, Mossavar-Rahmani Y, Stefanick M, Sims S, Curb JD, Lamonte M, Seguin R, Johnson KC and Prentice RL (2013). Physical Activity Assessment: Biomarkers and Self-Report in the WHI Observational Studies. *American Journal of Eipdemiology*, Vol. 177, No. 6, 576–585.

11. Mossavar-Rahmani, Y, Tinker LF, Neuhouser ML, Huang Y, Shaw P, Beasley JM, **Di CZ**, Zheng C, Li W, Johnson K, Prentice RL (2013). Women's Health Initiative Dietary Modification Trial: Update and application of biomarker calibration to self-report measures of diet and physical activity. *Methods and Applications of Statistics in Clinical Trials, Volume 1: Concepts, Principles, Trials and Design*, 931–944.

12. Saegusa T, *__Di CZ__ and Chen YQ (2014). Hypothesis Testing for an Extended Cox Model with Time-Varying Coefficients. *Biometrics*, Vol. 70, No. 3, 619–628.
    ** as corresponding author, where the first author is a graduate student advised*

13. **Di CZ**, Crainiceanu CM and Jank WS (2014). Multilevel Principal Component Analysis for Sparsely Sampled Hierarchical Functional Data. *Stat*, Vol. 3, No. 1, 126–143.

14. Fong Y, **Di CZ** and Permar P (2014). Change point testing in logistic regression models with interaction. *Statistics in Medicine*, to appear.
    Also available as Paper 400 in UW Biostatistics Working Paper Series, `http://biostats.bepress.com/uwbiostat/paper400`

15. Zheng C, Beresford SA, Van Horn L, Tinker LF, Thomson CA, Neuhouser ML, **Di CZ**, Manson JE, Mossavar-Rahmani Y, Sequin R, Manini T, LaCroix AZ and Prentice RL (2014). Energy consumption and activity-related energy expenditure in relation to cardiovascular disease, cancer, and diabetes risk among postmenopausal women. *American Journal of Epidemiology*, Vol. 180, No. 5, 526–535.

16. Kratz M, Marcovina S, Nelson J, Yeh MM, Kowdley KV, Callahan HS, Song X, **Di CZ** and Utzschneider KM (2014). Dairy fat intake is associated with glucose tolerance, hepatic and systemic insulin sensitivity and liver fat, but not beta-cell function in humans. *American Journal of Clinical Nutrition*, Vol. 99, No. 6, 1385–1396.

17. Zubair N, Kooperberg C, Liu J, **Di CZ**, Peters U and Neuhouser M (2014). Genetic variation predicts serum lycopene concentrations in a multiethnic population of postmenopausal women. *Journal of Nutrition*, Vol. 145, No. 2, 187–192.

18. **Di CZ**, Chan KCG, Zheng C and Liang KY (2015). Testing homogeneity in semiparametric mixture case-control models. *Communications in Statistics: Theory and Methods*, in press.

19. Rillamas-Sun E, Buchner D, **Di CZ**, Evenson K, LaCroix AZ (2015). Development of a simple algorithm to identify consecutive days of accelerometer wear for use in large-scale studies and its comparison to self-reported logs and visual inspection. *BMC Research Notes*, Vol. 8, No. 270, 1–8.

20. Evenson K, Wen F, Herring AH, **Di CZ**, LaMonte MJ, Tinker LF, Lee I-M, Rillamas-Sun E, LaCroix AZ, Buchner D (2015). Calibrating the relationship between accelerometry and physical activity intensity in older women. *Prev Med Reports*, Vol. 2, 750–756.

21. **Di CZ** and Liang KY (2016). On likelihood ratio tests when some nuisance parameters are present only under the alternative. *Statistical Science*, in press.

22. Su Y-R, ***Di CZ** and Hsu L (2016). A Unified Powerful Set-based Test for Sequencing Data Analysis of GxE Interactions. *Biostatistics*, in press.
the first author is a post-doc co-advised

23. Bai J, ***Di CZ**, Luo X, Buchner D, Evenson K, Crainiceanu CM and LaCroix A (2016). A new activity metric from raw accelerometry data and its comparison with activity count. *PLOS One*, in press.
** the first author is a graduate student supervised*

24. Brinkman TM, Li C, Vnnatta KA, Marchak JG, Lai JS, Prasad PK, Kimberg C, Vuotto S, **Di CZ**, Srivstava, Robison LL, Armstrong GT, Krull KR (2016). Behavioral, social and emotional symptom comorbidities in adolescent survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. *Journal of Clinical Oncology*, in press.

25. Smith CE, Coltell O, Sorli JV, Estruch R, Martnez-Gonzalez MA, Salas-Salvado J, Fito M, Aros F, Dashti HS, Lai CQ, Miro L, Serra-Majem L, Gomez-Gracia E, Fiol M, Ros E, Aslibekyan S, Hidalgo B, Neuhouser M, **Di CZ**, Tucker KL, Arnett DK, Ordovas JM, Corella D (2016). Sex-specific associations of the MCM6-rs3754686 polymorphism, a proxy formilk intake, with cardiovascularbiomarkers, cardiovascular disease incidence and total mortality in multiethnic populations: strengths and limitations of Mendelian randomization. *Scientific Reports*, in press.

26. Shadyab AH, Reiner AP, Kooperberg C, Carty CL, **Di CZ**, Manini TM, LaMonte MJ, Hou L, Macera CA, Shaffer RA, Jain S, Gallo LC, LaCroix AZ (2016). Association of Accelerometer-Measured and Self-Reported Sedentary Time with Leukocyte Telomere Length in Older Women. *American Journal of Epidemiology*, in press.

27. King AA, Seidel K, **Di CZ**, Leisenring WM, Perkins SM, Krull KR, Sklar CA, Green DM, Armstrong GT, Zeltzer LK, Wells, E, Stovoll M, Ullrich NJ, Oeffinger KC, Robison L, Packer RJ (2016). Long-term Neurologic Health and Psychosocial Function of Adult Survivors of Childhood Medulloblastoma/PNET: A Report from the Childhood Cancer Survivor Study. *Neuro-Oncology*, in press.

28. Rosenberg D, Godbole S, Ellis K, **Di CZ**, LaCroix A, Kerr J (2016). Classifiers for Accelerometer-Measured Behaviors in Older Women. *Medicine & Science in Sports & Exercise*, in press.

Papers under invited revisions

29. **Di CZ**, Hsu L, Kooperberg C, Reiner A and Prentice RL (2015). Testing gene-environment interactions in the presence of measurement error. Under minor revisions for *Biometrics*. Also available as Paper 405 in UW Biostatistics Working Paper Series `http://biostats.bepress.com/uwbiostat/paper405`

30. Su Y-R, ***Di CZ** and Hsu L (2015). Hypothesis testing for functional linear models with scalar responses. Under revisions for *Biometrics*.
** the first author is a post-doc co-advised*

31. Fong Y, **Di CZ**, Huang Y and Gilbert P (2015). Model robust inference for threshold regression models. Under revisions for *Biometrics*.

32. **Di CZ**, Zheng C, Chan KCG, Saegusa T and Chen YQ (2015). Testing treatment effect for censored time-to-event data in the presence of nonresponders. Under revisions for *Biometrika*.

33. Shadyab AH, Reiner AP, Kooperberg C, Carty CL, **Di CZ**, Manini TM, LaMonte MJ, Hou L, Macera CA, Shaffer RA, Jain S, Gallo LC, LaCroix AZ (2016). Association of Self-Reported Physical Activity with Leukocyte Telomere Length in Older Women. Submitted to *American Journal of Epidemiology*.

34. Lampe, JW, Huang Y, Neuhouser ML, Tinker LF, Song X, Schoeller DA, Kim S, Raftery DM, **Di CZ**, Zheng C, Schwarz Y, Van Horn L, Thomson CA, Mossavar-Rahmani Y, Beresford SA, Prentice RL (2016). Dietary Biomarker Evaluation in a Controlled Feeding Study in Women from the Womens Health Initiative Cohort. Submitted to *American Journal of Clinical Nutrition*.

Grants

Current

- Statistical methods for analyzing objectively measureed physical activity data (R01, **role: PI**), 30%, 2016–2021, NIH/NHLBI
- WHISH-2-Prevent Heart Failure (R01, 10%, role: co-investigator, PI: Charles Eaton). 2016–2021, NIH/NHLBI
- Statistical methods for adherence in HIV/AIDS prevention studies (R01, role: co-I, 15%; PI: Ying Qing Chen), 2015–2019, NIH/NIAID
- Methods for Integrating Functional Data into Complex Disease Genetic Analyses (R01, 20%, role: co-investigator, PI: Li Hsu), 2015–2019, NIH/NCI
- Statistical methods for genetic epidemiological studies (R01, 15%, role: co-investigator, PI: Li Hsu), 2015–2019, NIH/NCI

- Statistical methods for gene-environment interactions: measurement error and time-varying exposures (**role: PI**, 30%), 2013–2016, R21, NIH/NIEHS
- Clinical Coordinating Center for the Clinical Trial and Observational Study of the Women's Health Initiative (10%, role: co-investigator, PI: Garnet Anderson), 2011–2021, NIH/NHLBI
- Objective Physical Activity and Cardiovascular Health (R01, 20%, role: co-investigator, PI: Andrea LaCroix), 2012-2016, NIH/NHLBI
- Physical Activity to Improve CV Health in Older Women: A Pragmatic Trial — Data Coordinating Center (U01, 5%, role: co-investigator, PI: Charles Kooperberg), 2015–2020, NIH/NHLBI
- Childhood Cancer Survivor Study Cordinating Center (10%, role: co-investigator, PI: Les Robinson), 2013–2016, NIH/NCI
- Statistical methods for medical studies (P01, 5%, role: co-investigator, PI: Ross Prentice), 2011–2016, NIH/NCI

Pending

- Sedentary behavior and aging research (P01, 10%, role: co-investigator, PIs: Andrea LaCroix and Jacqueline Kerr), submitted in 05/2016
- Molecular Transducers of Physical Activity Consortium Coordinating Center (U24, 15%, role: co-investigator, PI: Mark Thornquist), submitted in 03/2016
- Unraveling Physical Activity and Sedentary Behavior Associations with Cancer Combining Two Cohorts (R01, role: co-investigator, PI: Kelly Evenson), submitted in 02/2016

Completed

- Cancer Center Support Grant (Comprehensive) – Biostatistics Shared Resource (role: Biostatistician, 25%, PI: Barry Storer), 2009-2011, NIH/NCI
- Statistical methods for gene-environment interactions in the presence of measurement error (**role: PI**, 20%), 2010–2012, Pilot Research Project Prgam, Center for Ecogenetics and Environmental Health (CEEH), University of Washington
- Statistical methods for objective physical activity measurements in the WHI (**role: PI**, 10%), 2013, Women's Health Initiative Clinical Coordinating Center Pilot Projects, Fred Hutchinson Cancer Research Center
- Statistical methods in HIV/AIDS research (R01, role: co-investigator, 15%, PI: Ying Qing Chen), 2010–2013, NIH/NIAID
- Statistical methods for complex measurements in biomedical studies (**role: PI**), 2014, Bid & Proposal Pilot Projects, Division of Public Health Sciences, Fred Hutchinson Cancer Research Center

- Adaptive statistical methods for genetic association studies (R01, 10%, role: co-investigator, PI: Charles Kooperberg), 2011–2015, NIH/NHLBI
- Genetic epidemiology of breast cancer: risk, instability and statistical methods (R01, 10%, role: co-investigator, PI: Li Hsu), 2013–2015, NIH/NCI
- Statistical methods for complex measurements in biomedical studies (**role: PI**), 2015, Bid & Proposal Pilot Projects, Division of Public Health Sciences, Fred Hutchinson Cancer Research Center

Presentations

- FDA2.0: A Functional Approach to the Geometry of Sleep. *Survival, Longitudinal And Multivariate Data Working Group & Biosignal Working Group, Johns Hopkins University.* Baltimore MD, April 2007.
- Methods for Signal Extraction from EEG Time Series with Application to Large Studies of Sleep. Invited talk, *Joint Statistical Meetings.* Salt Lake City UT, August 2007.
- Multilevel Latent Class Models with Dirichlet Distribution. *ENAR spring meetings.* Arlington VA, March 2008.
- Multilevel Functional Principal Component Analysis. *The* 71st *IMS Annual Meeting/* 7th *Bernoulli Society World Congress.* Singapore, July 2008.
- Likelihood Ratio Testing under Nonidentifiability with Applications to Biomedical Studies.
  Invited talk, *Survival, Longitudinal And Multivariate Data Working Group, Johns Hopkins University.* Baltimore MD, Jan 2009.
  Invited talk, *Department of Biostatistics, University of Michigan.* Ann Arbor MI, Jan 2009.
  Invited talk, *Program of Biostatistics & Biomathematics, Division of Public Health Sciences, Fred Hutchinson Cancer Research Center.* Seattle WA, Feb 2009.
  Invited talk, *Department of Epidemiology and Biostatistics, School of Public Health, University of Maryland.* College Park MD, Feb 2009.
  Invited talk, *Department of Biostatistics, University of Texas School of Public Health.* Houston TX, Feb 2009.
  Invited talk, *Department of Statistics, University of California.* Riverside CA, Mar 2009.
  Invited talk, *Division of Biostatistics, Feinberg School of Medicine, Northwestern University.* Chicago IL, Mar 2009.
- Penalized Likelihood Ratio Tests When Some Parameters are Present Only Under the Alternative. *ENAR Spring Meetings.* San Antonio, March 2009.
- Multilevel Functional Principal Component Analysis. *Joint Statistical Meetings.* Washington DC, August 2009.

- Multilevel Functional Data Analysis with Application to Sleep Studies.
  Invited talk, *Department of Biostatistics, University of Washington.* Seattle WA, Sep 2009.
  Invited talk, *Program of Biostatistics & Biomathematics, Division of Public Health Sciences, Fred Hutchinson Cancer Research Center.* Seattle WA, Oct 2009.
- Multilevel Latent Class Models with Application to Psychiatric Studies. Invited talk, SCHARP Statistical Sciences Seminar, Fred Hutchinson Cancer Research Center. Seattle WA, Feb 2010.
- Multilevel Functional Principal Component Analysis for Sparsely Sampled Hierarchical Curves.
  Invited talk, *Department of Biostatistics, University of Washington.* Seattle WA. March 2010.
  ENAR Spring Meetings. Invited talk, New Orleans LA. March 2010.
  SAMSI Workshop on Analysis of Object Data. Research Triangle Park NC. September 2010.
- Associations of Genetic Variation with Dietary Intake in WHI Minorities. Invited talk, *WHI investigators meeting.* Seattle, WA, May 2010.
- Principal Component Analysis for Multilevel and Multivariate Functional Data. Invited talk, *ENAR Spring Meetings.* Miami, FL. March 2011.
- Spline-based Score Tests for Time-varying Treatment Effects in an Extended Cox Model. *P01 group meeting, Division of Public Health Sciences, Fred Hutchinson Cancer Research Center.* Seattle WA, November 2011.
- Testing gene-environment interactions in the presence of measurement error. Invited talk, *Program of Biostatistics & Biomathematics, Division of Public Health Sciences, Fred Hutchinson Cancer Research Center.* Seattle WA, December 2011.
- Hypothesis testing for an extended Cox model with time-varying coefficients.
  Invited talk, *WNAR and Graybill Conference.* Ft Collins CO, June 2012.
  Invited talk, *ICSA Applied Statistics Symposium.* Boston MA, June 2012.
- Multilevel Latent Class Models with Application to Psychiatric Studies. Invited talk, *The 2nd Joint Biostatistics Symposium.* Beijing, China, July 2012.
- Principal Component Analysis for Multilevel and Multivariate Functional Data. Invited talk, *Joint Statistical Meetings.* San Diego, CA, July 2012.
- Functional Principal Component Analysis for Multivariate Functional Data. Invited talk, *ENAR Meetings.* Orlando, FL, March 2013.
- Statistical considerations for objective physical activity measurements in the Women's Health Initiative. Invited talk, *Department of Biostatistics, Johns Hopkins University.* Baltimore, MD, July 2013.
- Hypothesis testing for a few mixture models. *P01 group meeting, Division of Public Health Sciences, Fred Hutchinson Cancer Research Center.* Seattle WA, Sep 2013.

- Multilevel Functional Regression Models with Application to Physical Activity Studies. Invited talk, *WNAR meetings*. Honolulu, HI, June 2014.
- Testing gene-environment interactions in the presence of measurement error and time-varying environmental exposures.
  Invited talk, *International Forum on nonparametric and semiparametric models*. Chengdu, China, June 2014.
  Peking University. Beijing, China, June 2014.
  Tsinghua University. Beijing, China, June 2014.
- A functional data analysis framework for accelerometry data.
  P01 group meeting, Division of Public Health Sciences, Fred Hutchinson Cancer Research Center. Seattle WA, Feb 2015.
- Understanding objectively measured physical activity by accelerometers: methods and preliminary results. *WHI Clinical Coordinating Center, Fred Hutchinson Cancer Research Center*. Seattle WA, Feb 2015.
- Hypothesis testing for an extended Cox model with time-varying coefficients.
  ENAR Meetings. Miami, FL, March 2015.
  ICSA and Graybill Conference. Ft Collins CO, June 2015.

- Functional data analysis methods for physical activity measurements using accelerometers.
  – A new activity metric from raw accelerometry data and its comparison with activity count.
  The 9th International Conference on Diet and Physical Activity Methods. Brisbane, Australia, September 2015.

- Statistical Considerations for modern physical activity epidemiology with objective measurements. *Division of Public Health Sciences, Fred Hutchinson Cancer Research Center*. Seattle, WA, September 2015.
- Statistical Methods for Complex Measurements with Application to Physical Activity Epidemiology. *Division of Public Health Sciences, Fred Hutchinson Cancer Research Center*. Seattle, WA, October 2015.
- Statistical Methods for high-resolution data from wearable devices. *Data Science Workshop, Fred Hutchinson Cancer Research Center*. Seattle, WA, February 2016.
- Hypothesis testing for fuctional linear models. *Center for Statistical Sciences, Tsinghua University*. Beijing, China, April 2016.
- A functional data analysis framework for accelerometry data. *ICSA Applied Statistics Symposium*. Atlanta, GA, June 2016.

<u>Abstracts</u>

- Neuhouser, *Di*, Tinker, Thomson, et al. Physical Activity Assessment: Biomarkers and Self-Report in the WHI Observational Studies. *The 8th International conference on diet and activity methods.* Rome, Italy, May 2012.
- Tinker, Neuhouser, Zheng, *Di*, et al. Biomarker-calibrated dietary energy and protein intake and physical activity associations with weight changes among postmenopausal women from the Women's Health Initiative. *WHI Investigators Meetings.* Seattle, WA, May 2013.
- Tinker, Zheng, Sarto, Heiss, Neuhouser, *Di*, , et al. Association of Uncalibrated and Calibrated Energy and Protein Intakes with Risk of Diabetes in Postmenopausal Women. *Experimental Biology Conference.* San Diego, CA, April 2014.
- Tinker, Neuhouser, Zheng, Prentice, Beasley, Caan, *Di*, , et al. Biomarker-calibrated estimates of self-reported energy intake and risk of weight gain in postmenopausal women. *Experimental Biology Conference.* San Diego, CA, May 2014.
- King, Perkins, Seidel, *Di*, Leisenring, et al. Health and Functional Status of Long Term Adult Medulloblastoma/PNET Survivors: A Report from the Childhood Cancer Survivor Study. *American Society of Clinical Oncology annual meeting.* Chicago IL, May 2014.
- Brinkman, Li, Vannatta, Gilleland, Lai, Kimberg, Prasad, *Di*, et al. Emotional and Behavioral Phenotypes of Adolescent Survivors of Childhood Cancer. *14th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer.* Arlington, VA, June 2015.
- Buchner, *Di*, Evenson, LaMonte, LaCroix, et al. Relevance of age, BMI, and movement detection threshold to accelerometer measures of walking energy expenditure in older women. *The 4th International Conference on Ambulatory Monitoring of Physical Activity and Movement (ICAMPAM).* Limerick, Ireland, June 2015.
- Evenson, Herring, Wen, *Di*, Tinker, Rillamas-Sun, LaMonte, Lee, LaCroix, Buchner. Calibrating Physical Activity Intensity for Wrist-worn Accelerometry in Women 60 years and Older. *The 4th International Conference on Ambulatory Monitoring of Physical Activity and Movement (ICAMPAM).* Limerick, Ireland, June 2015.
- Bai, *Di*, Luo, Crainiceanu, Buchner, LaCroix. A new definition of activity intensity and its comparison with activity count.
  The 4th International Conference on Ambulatory Monitoring of Physical Activity and Movement (ICAMPAM). Limerick, Ireland, June 2015.
  The Joint Statistical Meetings. Seattle, WA, Aug 2015.
- LaCroix, Rillams-Sun, *Di*, Buchner, LaMonte, et al. Accelerometer-measured volume and intensity of physical activity and sedentary behavior with CVD risk in older women. *The 68th Annual Scientific Meeting of the Gerontological Society of America.* Orlando, FL, Nov 2015.
- Buchner, *Di*, LaCroix, LaMonte, et al. Relationship of Objectively Measured Physical Activity to Physical Performance in Older Women. *The 68th Annual Scientific Meeting of the Gerontological Society of America.* Orlando, FL, Nov 2015.

- Rosenberg, *Di*, Buchner, LaCroix, et al. Relationship Between Sedentary Behavior and Falls in Older Women . *The 68th Annual Scientific Meeting of the Gerontological Society of America.* Orlando, FL, Nov 2015.

- Bai, *Di*, Luo, Crainiceanu, Buchner, LaCroix. A new Activity Index and its Comparison with other activity metrics. (Winning the Best Poster Award)
  ENAR spring meetings. Austin, TX, Mar 2016.

Mentoring

- Post-docs
  Yu-Ru Su (current; jointly with Dr. Li Hsu)
  Takumi Saegusa (2014–2015, jointly with Dr. Ying Qing Chen; now Assistant Professor in University of Maryland)

- Student advising (RA supervising, serving in thesis committee)
  Cheng Zheng (UW, graduated in 2014; Primary advisor: Dr. Ross Prentice; now Assistant Professor in University of Wisconsin Milwaukee)
  Takumi Saegusa (UW, graduated in 2012; Primary advisor: Dr. Jon Wellner)
  Wei Zhao (UW, graduated in 2014; Primary advisors: Drs. Ying Qing Cheng and Li Hsu)
  Jiawei Bai (JHU, in process; Primary advisor: Dr. Ciprian M. Crainiceanu)
  Yiliang Zhang (PKU, in process)

- SRAs (Statistical research associates)
  Liren Xiao, Yuzheng Zhang, Kayla Stratton, Kristy Seidel, Pamela Goodman

Services

- Co-organizing FHCRC Biostatistics & Biomathematics seminars in 2012-2013

- Served as in General Exam and Applied Quanlifiying Exams for UW Biostatistics PhD students

Professional societies

American Statistical Association
International Biometric Society (ENAR, WNAR)
Institute of Mathematical Statistics
International Chinese Statistical Association