

CURRICULUM VITAE
Yan Yan Wu, Ph.D.

CONTACT INFORMATION

Address: Department of Public Health Sciences
Myron B. Thompson School of Social Work
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EDUCATION

2011-2014 **Postdoctoral Fellow in Statistical Genetics and Genetic Epidemiology**
Lunenfeld-Tanenbaum Research Institute of Mount Sinai Hospital
University of Toronto, Canada

2011 **Ph.D. in Statistics**
Department of Mathematics and Statistics
Faculty of Science, York University, Toronto, Canada
Dissertation: Third-order likelihood based inference for Graphical Models and Mixed-effects models

2007 **M.A. in Statistics**
Department of Mathematics and Statistics
Faculty of Science, York University, Toronto, Canada

2006 **B.A. in Mathematics for Commerce**
Department of Mathematics and Statistics
Faculty of Science, York University, Toronto, Canada

PROFESSIONAL ORGANIZATION MEMBERSHIP

2015- International Biometric Society
2014- American Statistician Association
2007- Canadian Statistician Association
2012- International Genetic Epidemiology Society
2014- The Gerontological Society of America

RESEARCH AND PROFESSIONAL EXPERIENCE

- 08/2014- **Assistant Professor** of Biostatistics
Department of Public Health Sciences, Myron B. Thompson School of Social Work
University of Hawai‘i at Mānoa
- 2011-2017 **Statistical Consultant**
Canadian Cardiovascular Research Network
LMC Diabetes & Endocrinology, Toronto, Canada
- 2011-2014 **Course Director of Quantitative Methods**
Department of Management Science, School of Administrative Studies
York University, Toronto, Canada
- 2007-2010 **Statistical Consultant**
Statistical Consulting Services, Institute for Social Research,
York University, Toronto, Canada
- 2006-2010 **Research Assistant**
Department of Mathematics and Statistics
Faculty of Science, York University, Toronto, Canada

PROFESSIONAL DEVELOPMENT

- 2016 **Transatlantic Data Science Workshop**
Invited by National Science Foundation, National Institute Health and UK Research Council
- 2015 **Grant Writing Workshop**
Mountain West Clinical & Translational Research, University of Nevada, Las Vegas
- 2013 **Analysis of Life History Data with Multistate Models**
University of Waterloo and Statistical Society of Canada
- 2012 **Genetic Analysis Workshop**
Texas Biomedical Research Institute, National Institute of Health
- 2012 **Advanced Topics in Genome-Wide Association Study (GWAS)**
Ontario Institute for Cancer Research
- 2012 **Meta Analysis and Data Integration**
University of Western Ontario and Statistical Society of Canada
- 2011 **Structural Equation Models**
Institute for Social Research, York University
- 2010 **Applied Bayesian Methods in Biostatistics**
Southern Ontario Regional Association of the Statistical Society of Canada

TEACHING AND ADVISING

08/2014 - present Department of Public Health Sciences, University of Hawai'i at Mānoa

Course	Semester	Students	Evaluation
PH752 Longitudinal Data Analysis	2017 Fall	9	ongoing
	2016 Fall	7	5.0
	2015 Fall	12	4.8
PH658 Computer Applications	2017 Spring	15	4.9
	2016 Spring	26	4.8
	2015 Spring	19	4.8
PH656 Biostatistics II	2017 Spring	16	4.9
	2016 Spring	14	4.9
	2015 Spring	22	4.8
PH655 Biostatistics I	2016 Fall	35	4.1
	2015 Fall	34	4.2
	2014 Fall	44	3.6
PH699 Directed Reading	2017 Summer	1	N/A
	2017 Spring	2	N/A
	2016 Fall	1	N/A
	2016 Spring	1	N/A
Health Analytics Using R (online)	2017 Summer	10	N/A
Health Analytics Using R (Guam)	2017 Nov	6	N/A

2012-2014 School of Administrative Studies, York University, Toronto, Canada

Course	Semester	Students
ADMS2320 Quantitative Methods I	2014 Summer	70
	2013 Winter	65
ADAM4430 Data Analysis Systems	2012 Fall	22

2012-2013 Dalla Lana School of Public Health, University of Toronto, Canada (team teaching)

Course Name	Semester	Students
CHL5210 Categorical Data Analysis	2013 Fall	20
	2012 Fall	20

Student Advising (2014-2017: 12 Doctoral students and 23 Master's)

Advisee's Degree	My role: Advisor	Committee member
Ph.D. of Epidemiology		6
Ph.D. of Psychology/Nutrition		2
Ph.D. of Geography/Economics		2
Doctor of Public Health		2
Master of Science/Epidemiology	1	4
Master of Public Health	6	12

RESEARCH SUPPORT

- 06/2016 – 03/2020 **Understanding the effects of substance use on male couples' risk for HIV**
Role : Co-I (Biostatistician)
PI : Dr. Jason Mitchell
Agency : NIH/NIDA (R01DA040541)
- 07/2017 – 06/2018 **Socioeconomic Determinants of Life Expectancy and Health Disparities in Hawaii**
Role : PI
Agency : NIH/NIGMS (1U54GM104944-01A1)
CTR-IN Pilot Grant - Clinical and Translational Research Infrastructure Network IDeA
University of Nevada, Las Vegas
- 10/2017 – 09/2019 **Multiethnic Genome-wide association studies and gene-environmental studies of obesity and type 2 diabetes**
Role : PI
Agency : NIH/NIMHD (2U54MD007601-31)
R21/OLA HAWAII
- 07/2017 – 06/2018 **Impact of social proximity to biased crimes against COFA**
Role : Co-I (Biostatistician)
PI : Dr. Rebecca Stotzer
Agency : Department of Justice
- 05/2017 – 04/2018 **A Person-Centered Index of Aging Well and its Determinants in North America**
Role : Co-I
PI : Dr. Emmanuelle Belanger
Agency : CIHR – Canadian Institute of Health Research
- 01/2017 – 12/2017 **Socioeconomic Determinants of Life Expectancy and Health Disparities in Hawaii**
Role : PI
Agency : Hawaii Chamber of Commerce/Public Health Fund

Travel Award

- 2014, 2015, 2016 **Faculty Research Travel Fund**, University of Hawaii
2015 **NSF Travel Award** to attend Trans-Atlantic Data Science Workshop
2015 **CTR-IN Travel Award** to attend Grant-writing workshop

Completed Research Support

- 08/2012 – 07/2014 **Development of statistical methods for BMI growth curves estimation and analysis of longitudinal GWAS data in relation to metabolic traits in children**
Role : PI
Agency : CIHR – Canadian Institute of Health Research (GET-101831)

PUBLICATION

I. Peer Refereed Articles

1. Rosendaal N, Alvarado B, **Wu YY**, Velez MP, Aires da Câmara SM, Pirkle, CM. Adolescent childbirth is associated with greater Framingham Risk Scores for cardiovascular disease among participants of the International Mobility in Aging Study. *Journal of the American Heart Association*. JAHA/2017/007058R2. (In press). [Effort: 20%. Impact Factor: 5.1]
2. Wei RM, **Wu YY***. Modification effect of fenofibrate therapy, a longitudinal epigenomic-wide methylation study of triglycerides levels in the Genetics of Lipid-lowering Drug and Diet Network. *BMC Proceedings*. (In press). [*Corresponding author, Effort: 50%.]
3. **Wu YY***, Lye S, Briallais, L. (2017). The Role of Early-Life Growth Development, FTO gene and Exclusive Breastfeeding on Child BMI trajectories. *International Journal of Epidemiology*. 2017; 1–11. <https://doi.org/10.1093/ije/dyx08>. [*First Author, Effort: 80%. 5-year Impact Factor: 9.8]
4. **Wu YY***, Braun K, Onaka AT, Horiuchi BY, Tottori CJ, Wilkens L. (2017) Life Expectancies in Hawai'i: A Multi-ethnic Analysis of 2010 Life Tables. *Hawaiian Journal of Medicine and Public Health*. 2017; 76(1) 9-14. PMID: PMC5226016. [*First Author, Effort: 60%. RG Impact Factor: 0.76]
5. Zhang W, Braun KL, **Wu, YY***. (2017) The educational, racial and gender crossovers in life satisfaction: Findings from the longitudinal Health and Retirement Study. *Archives of Gerontology and Geriatrics*. 2017; 73: 60-68. <https://doi.org/10.1016/j.archger.2017.07.014>. [*Corresponding author, effort: 50%. 5-year Impact Factor: 2.155]
6. Gomez F, **Wu YY**, Auais M, Vafaei A, Zunzunegui MV. (2017) A simple algorithm to predict falls in primary car patients aged 65 to 74: the International Mobility in Aging Study. *Journal of the American Medical Directors Association*. 2017 May 16. PMID: 28526584. doi: 10.1016/j.jamda.2017.03.021. [Effort: 40%. 5-year Impact Factor: 5.449]
7. Zhang W, **Wu YY**. (2017) Individual Educational Attainment, Neighborhood-Socioeconomic Contexts, and Self-Rated Health of Middle-Aged and Elderly Chinese: Exploring the Mediating Role of Social Engagement. *Health & Place*. 2017; 44:8-17. PMID: 28103493. doi: 10.1016/j.healthplace.2016.12.006. [Effort: 50%. 5-year Impact Factor: 3.381]
8. Zhang W, **Wu YY**, Wu B. (2017) Does Oral Health Predict Functional Status in Late Life? Findings from a National Sample, *Journal of Aging and Health*. March 20, 2017 (Epub Date). PubMed: 28553812. DOI: 10.1177/0898264317698552. [Effort: 30%. Impact Factor: 2.168]
9. Chu Y, Liu Y, Lu Y, Yu L, Lu H, Guo Y, Liu F, **Wu YY** et. al. (2017). Propensity to migrate and willingness to pay related to air pollution among different populations in Wuhan, China. *Aerosol and Air Quality Research* 2017; 752–760. doi: 10.4209/aaqr.2016.05.0178. [Effort: 20%. 5-year Impact Factor: 2.754]
10. Schweitzer R, **Wu YY**, Nigg C. (2017). Compliance Checks for Underage Cigarette and Alcohol Purchase Attempts and Associated Factors in Retail Outlets in Hawaii. *Drugs: Education, Prevention & Policy*. 24(5): 384-391. doi:10.1080/09687637.2016.1197182. [Effort: 30%. IF: 0.762]
11. Liu X, **Wu YY**, Hu Y, Liu D, Zhang J, et al. (2016) Government employees' perception of urban air pollution and willingness to pay for improved quality: a cross-sectional survey study in Nanchang, China. *Environmental Science and Pollution Research*, 2016. doi:10.1007/s11356-016-7204-1. PMID: 27562814. [Effort: 20%. IF: 2.741].

12. Liu XJ, Li CM, Tu H, **Wu YY**, Ying C, Huang Q, Wu S, Xie QH, Yuan ZK, Lu Y. (2016). Analysis of the Effect of Meteorological Factors on PM_{2.5}-Associated PAHs during Autumn-Winter in Urban Nanchang. *Aerosol and Air Quality Research*. 2016; 16:3222-3229. doi: 10.4209/aaqr.2016.08.0351. [Effort: 20%. IF: 2.754]
13. Liu X, Zhu H, Hu Y, Feng A, Chu Y, **Wu YY**, et.al. (2016). Public's Health Risk Awareness on Urban Air Pollution in Chinese Megacities: The Cases of Shanghai, Wuhan and Nanchang. *International Journal of Environmental Research and Public Health*. 2016, 13(9), E845. PMID: 27571088; PMCID: PMC5036678; DOI: 10.3390/ijerph13090845. IF: 2.035.
14. Guo YL, Liu F, Lu Y, Mao Z, Lu H, **Wu YY**, Chu Y, Yu L, et.al. (2016). Factors Affecting Parent's Perception on Air Quality—From the Individual to the Community Level. *International Journal of Environmental Research and Public Health*. 2016, 13(5), 493. PMCID: PMC4881118. [Effort: 20%. IF: 2.035].
15. Warrington NM, Howe LD, Paternoster L, Kaakinen M, **Wu YY**, et al. A genome-wide association study of body mass index across early life and childhood. *International journal of epidemiology*. 2015; 44(2):700-12. PMID: 25953783; PMCID: PMC4469798. [Effort: 25%. 5-year Impact Factor: 9.8]
16. Liao X, Tu H, Maddock JE, Fan S, Lan G, **Wu YY**, Yuan ZK, Lu Y. (2015). Residents' perception of air quality, pollution sources, and air pollution control in Nanchang, China. *Atmospheric Pollution Research* 2015; 6(5). DOI:10.5094/APR.2015. [Effort: 20%. IF: 1.588]
17. **Wu YY***, Massam H, Wong A. (2014). An accurate test for the equality of covariance matrices from decomposable graphical Gaussian models. *Canadian Journal of Statistics*. 2014; (42) 61-77. [First Author, Effort: 80%. IF: 0.662]
18. **Wu YY***, Briollais L. Mixed-effects models for joint modelling of sequence data in longitudinal studies. *BMC Proceedings*. 2014; (8), Suppl 1:S92. PMCID: PMC4143749. [First Author, Effort: 80%]
19. Warrington N, Tilling K, Howe LD, Paternoster L, Pennell C, **Wu YY**, Briollais L. (2014). Robustness of the linear mixed effects model to error distribution assumptions and the consequences for genome-wide association studies. *Statistical Applications in Genetics and Molecular Biology*. 2014; 13(5):567-87. PMID: 25153607. [Effort: 25%. 5-year impact factor: 1.191]
20. Benke KS, **Wu YY**, Fallin DM, Maher B, Palmer LJ. (2013) Strategy to control type I error increases power to identify genetic variation using the full biological trajectory. *Genetic Epidemiology*. 2013; 37(5): 419-30. PMID: 23633177; PMCID: PMC3877575. [Effort: 40%. IF: 3.441]
21. Warrington N, Howe LD, **Wu YY**, Beilin L, Palmer L, Lye SL, Pennell C. Briollais L. (2013). Association of a body mass index genetic risk score with growth throughout childhood and adolescence. *PLoS ONE*. 2013; 8(11): e79547. PMCID: PMC3823612. [Effort: 30%. IF: 3.54].
22. Zakrison T, McFarlan A, **Wu YY**, Keshet I, Nathens A. (2013). Venous and arterial base deficits: do these agree in occult shock and in the elderly? A Bland-Altman analysis. *Journal of Trauma Acute Care Surgery*. 2013; 74(3):936-939. [Effort: 30%. IF: 2.736]
23. Abarin T, **Wu YY**, Warrington N, Stephen L, Pennel C, Briollais L. (2012). The impact of breastfeeding on FTO-related BMI growth trajectories: An application to the RAINE birth and child cohort study. *International Journal of Epidemiology*. 2012; 14(6) 1650-1660. [Effort: 40%. 5-year IF: 9.8]
24. **Wu YY***, Wong A. (2009). A note on interval estimation of $P(X < Y)$ using lower record values from the generalized exponential distribution. *Computational Statistics and Data Analysis*, 2009; 53, 3650-3658. [*First Author, Effort: 80%. IF: 1.4. *High impact factor in Statistics].
25. **Wu, YY***, Wong A. (2008). Likelihood analysis for the difference in means of two independent Normal distributions with one variance unknown. *Journal of Statistical Research* 2008; 42, 17-35. [Effort: 80%]

Accepted

Shigesato M, Elia J, Tschann M, Bullock H, Hurwitz E, **Wu YY**, Salcedo J, Pharmacy access to the emergency contraceptive ulipristal acetate in major cities throughout the United States. *Contraception*.

In Revision

Pirkle CM, **Wu YY**, Zunzunegui MV, Gomez JF. Model-based recursive partitioning to identify risk clusters for metabolic syndrome and its components: Findings from the International Mobility in Aging Study. *BMJ Open*.

In Review

Mitchell JW, **Wu YY**, Gamarel K. When does HIV serostatus disclosure, first engagement in condomless anal sex, and establishment of a sexual agreement occur in same-sex male couples' relationships? Considering the timing and sequence of these events for future HIV prevention efforts with male couples. *Archives of Sexual Behavior*.

Huang L, Lan G, Chen F, Liu X, Yan X, Chen Y, Valenzuela F, **Wu YY**, Yuan Z, Lu Y. Bonding and bridging social capital associated with quality of life among people living with HIV/AIDS in Nanchang, China. *Health and Quality of Life*.

Hwang PW, Auais M, Vafaei A, Rosendaal N, **Wu YY**, Pirkle CM. The relationship between falls, fear of falling, and walking from a socio-ecological perspective.

Aspirin increases the risk of non-diagnostic yield of fine needle aspiration and biopsy of thyroid nodules, *European Thyroid Journal*. RG Journal impact: 2.79

Huang L, Lan G, Chen F, Liu X, etc. Bonding and bridging social capital associated with quality of life among people living with HIV/AIDS in Nanchang, China. *Health and Quality of Life Outcomes*. Impact Factor of 2.143

In Preparation

Michiyo Tomioka, Kathryn Braun, **Yan Yan Wu**, Kay Halt, Paula Keele, Lori Tshako, Johnny Yago. Longitudinal evidence of improved physical performance in adults enrolled in Enhance@Fitness

Denise C. Nelson-Hurwitz, Maya H.T. Uemoto, **Yan Yan Wu**, Robert V. Cooney, Kathryn L. Braun. Co-Prevalence of Obesity, Diabetes, and Cancer in Native Hawaiians

II. Peer Refereed abstracts

1. **Wu, YY**, Lye S, Briollais, L. (2016). The Role of Early-Life Growth Development, FTO Gene and Exclusive Breastfeeding on Child BMI Trajectories. *Genetic Epidemiology* (2016) 40(7), 671-671. [IF: 3.441]
2. **Wu YY**. (2016) BMI trajectory and association of BMI and telomere length in older adults. Poster for *the XXVIIIth International Biometric Conference*, 10-15 July, 2016, Victoria, British Columbia. (<http://www.biometricsociety.org/conference-abstracts/2016/>). ISBN 978-0-9821919-4-1.
3. Pirkle CM, **Wu YY**, et. al. (2015) [**Symposium**] Contribution of reproductive exposure on the health of women as they age. *The Gerontologist*, (2015) 55 (Suppl 2): 527 doi:10.1093/geront/gnv244.04 [IF: 3.38]
4. Pirkle CM, Alvarado B, **Wu YY**. (2015) Association of Adolescent Reproductive Exposures with Cardiovascular Risk Markers in Women. *Gerontologist* (2015) 55, 527. [IF: 3.38]
5. Pirkle CM, **Wu YY**, Clarisse TL, Zunzunegui MV. (2015) Metabolic Syndrome is Associated with Sex and Parity. *The Gerontological Society of America's 68th Annual Scientific Meeting*, Orlando FL. USA, Nov 18-22, 2015.

6. Hwang PW, Gomes CS, **Wu YY**, Pirkle CM. Cross cultural demographics and leisure time physical activity in older adults: a cross-sectional analysis from International Mobility in Aging Study. *Gerontologist* (2015) 55, 527
7. Benke KS, **Wu YY**, Palmer. Power Considerations for a GWA of Linear Mixed Effects Models. Conference 2012. *Genetic Epidemiology*, 36(7), 735-736. [IF: 3.441]

III. Contributed presentations and posters

1. Wei RM, **Wu YY**. (2017) Modification effect of fenofibrate therapy, a longitudinal epigenomic-wide methylation study of triglycerides levels in the Genetics of Lipid-lowering Drug and Diet Network. *The 20th Genetic Analysis Workshop*, Mar 4-8, 2017, San Diego, CA.
2. Pirkle CM, **Wu YY**. (2017) Reproductive/Parental Correlates of Cardiometabolic Risk in Global Populations of Older Adults. Symposium. *The 21st IAGG World Congress of Gerontology and Geriatrics*, Jul 23-27, 2017, San Francisco, CA.
3. Ha A, **Wu YY**, Kajil, M, Tsigoulis M, Cox J, M Gupta, et. al. (2017) Concomitant use of antiplatelet and oral anticoagulation among patients with atrial fibrillation: Insights from the prospective SPRINT-AF registry. *The American College of Cardiology's 66th Annual Scientific Session & Expo*, Mar 17-19, 2017, Washington, DC.
4. Ha A, Kajil M, Tsigoulis M, Cox J, Dorian P, Fournier C, Gladstone D, Lockwood E, Mancini J, Shuaib A, **Wu YY**, Singh N and Gupta M. (2017) Antithrombotic use amongst patients at low stroke risk as defined by the CHA₂DS₂-VASc score: Insight from the prospective SPRINT-AF registry. *Heart Rhythm Society Scientific Sessions*, May 10-13, 2017, Chicago, Illinois.
5. Braun K, **Wu YY**. (2016) Ethnic Variation in Longevity, Disease, and Social Status in Hawai'i. *International Conference on Healthy and Resilience Aging*, Sep 14-15, 2016, Honolulu, USA
6. Rosendaal N, **Wu YY**, Pirkle C. (2016) Association of age at first childbirth and Framingham Risk Score for cardiovascular disease in the International Mobility in Aging Study (IMIAS), Symposium. *The 45th Canadian Association of Gerontology Conference*, Oct 20-22, 2016, Montreal, Canada
7. **Wu YY**, Pirkle C, Zunzunegui MV. (2016) Model-based recursive partitioning to identify risk clusters for metabolic syndrome and its components: Findings from the International Mobility in Aging Study (IMIAS), Poster. *The 45th Canadian Association of Gerontology Conference*, Oct 20-22, 2016, Montreal, Canada
8. **Wu YY**, Pirkle C. (2016) Diabetes Disparities in Older Adults among Racial/Ethnic Minorities, the Health and Retirement Study (HRS). *The Gerontological Society of America's 68th Annual Scientific Meeting*, Orlando FL, USA, Nov 18-22, 2015.
9. Bajaj H, **Wu YY**, Gupta M, Tsigoulis M, Sheikh S, David S. (2015) Normoglycemic South Asians have a higher dysglycemia progression rate than Caucasians in a secondary prevention cohort. *The World Diabetes Congress 2015*, Vancouver BC, Canada, Nov 30-Dec 4, 2015.
10. Sharma E, Baldev S, Jaura J, Chadha A, Markandey D, **Wu YY**, Bajaj H. (2015) Shall we Temporarily Hold Antiplatelet and Anticoagulant Agents before Patients Undergo FNA of Thyroid Nodules? *The 15th International Thyroid Congress*, Lake Buena Vista, Florida, October 18 - 23, 2015.
11. Sentell T, Manganello J, Alessio Farcomeni A, **Wu YY**. (2014) Depression and health literacy over the lifespan. *Health Literacy Research Conference*, Boston, MA, Nov 3-5, 2014

12. **Wu YY**, Wong A, Briollais L. (2015) An accurate method for testing genetic heterogeneity in families from studies of rare genetic variants. *Statistical Society of Canada Annual Meeting*, Edmonton, Alberta.
13. **Wu YY**, Briollais L. (2012) Mixed-effects models for joint modelling of sequence data in longitudinal studies. *Genetic Analysis Workshop 18*, Stevenson, WA, USA
14. Briollais L, Choi YH, **Wu YY**. (2012) Accounting for treatment effect in genetic association of longitudinal systolic blood pressure: an illness-death model approach. *Genetic Analysis Workshop 18*, Stevenson, WA, USA
15. Warrington N, **Wu YY**, Marsh J, Beilin L, Palmer L, Lye SL, Pennell C, Briollais L., (2012) Modeling BMI trajectories in children for genetic association studies. *The American Society of Human Genetics Annual Meeting*, 2012. San Francisco, US.
16. Birken C, Maguire J, Khovratovich M, **Wu YY**, Hamilton J, Hanley A, Adeli K, Muhammad M, McCrindle BW, Parkin PC. (2011) Preschoolers at risk: obesity and cardiometabolic factors. A TARGET KIDS! Study. *Canadian Paediatric Society 88th Annual Conference*. 2011
17. Maguire J, Birken C, Mamdani M, Khovratovich M, **Wu YY**, Vieth R, McCrindle BC, Parkin PC. (2011) Vitamin D and cardiometabolic risk factors in preschoolers: A TARGET KIDS! Study. *Pediatric Academic Societies Annual Meeting*. 2011
18. Maguire J, Birken C, Mamdani M, Khovratovich M, **Wu YY**, Vieth R. (2011) Milk volume, vitamin D supplementation, outdoor activity and season are important predictors of vitamin D serum level in preschoolers: A TARGET KIDS! Study. *Pediatric Academic Societies Annual Meeting*. 2011
19. Maguire J, Birken C, Mamdani M, Khovratovich M, **Wu YY**, Vieth R, McCrindle BC. (2011) How much cow's milk should preschooler be drinking? *Pediatric Academic Societies Annual Meeting*. 2011
20. **Wu YY**, Wong A. (2009) Third-order method for random intercept mixed models. Statistical Society of Canada, Vancouver. 2009

Invited talks

- 2016** **Wu YY**, Zhang W, Braun K. The Educational, Racial and Gender Cross-overs in Life Satisfaction: Findings from the Longitudinal Health and Retirement Study. Invited Talk. *International Conference on Healthy and Resilience Aging*, Sep 14-15, 2016, Honolulu, USA

Invited workshop

- 2016** Transatlantic Data Science Workshop, *NSF, NIH and UK Research Council Invited to collaborate with UK researchers and US/UK government level large data providers*

Chaired conference sessions

- 2016** The XXVIIIth International Biometric Conference, 10-15 July, 2016, Victoria, BC. Statistical Modeling Session and Survival Analysis Session