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CURRICULUM VITAE

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Education: University of Washington, Ph.D., Biostatistics, 1997-2001
University of Washington, M.S., Biostatistics, 1997-1999
Virginia Commonwealth University, M.S., Statistics, 1995-1997
Beijing University of Aeronautics and Astronautics, M.S.,
Aerospace Engineering, 1984-1987
Beijing University of Aeronautics and Astronautics, B.S.,
Aerospace Engineering, 1981-1984

Positions:

Professor, Department of Statistics, University of California at Irvine, 2017-present
Adjunct Professor, Department of Biostatistics, University of Michigan, 2017-present
Professor, Department of Biostatistics, University of Michigan, 2011-2017
Professor, Department of Statistics, University of Michigan, 2014-2017
Affiliated Professor, Michigan Institute for Data Science, University of Michigan,
2015-2017
Statistical Consultant, Department of Radiology, University of Michigan, 2002-2006,
2014-2017
Visiting Scientist, Department of Biostatistics & Biomathematics, Fred Hutchinson Cancer
Research Center, 2014-2015
Associate Professor, Department of Biostatistics, University of Michigan, 2007-2011
Visiting Fellow, Isaac Newton Institute for Mathematical Sciences, University of
Cambridge, Jan.-Jun., 2008
Assistant Professor, Department of Biostatistics, University of Michigan, 2001-2007
Research Assistant, Fred Hutchinson Cancer Research Center, 1998-2001
Teaching Assistant, Department of Mathematics, Virginia Commonwealth University,
1995-1997

Associate Professor, Department of Industrial Engineering, Zhengzhou Institute of Aeronautical Industry Management, 1993-1995
Assistant Professor, Department of Operational Management and Department of Industrial Engineering, Zhengzhou Institute of Aeronautical Industry Management, 1987-1993

Awards and Honors:

Fellow, American Statistical Association, 2014
Fellow, Institute of Mathematical Statistics, 2014
Elected Member, International Statistical Institute, 2011

Memberships:

American Statistical Association (Lifetime Member)
Institute of Mathematical Statistics (Lifetime Member)
International Biometric Society – ENAR
International Chinese Statistical Association (Lifetime Member)
International Statistical Institute
Organization for Human Brain Mapping

Peer Reviewed Publications:

1. Xu J, Liu Y, and Nan B: The statistical theory and method of multi-criteria evaluation (I). *Journal of Industrial Engineering and Engineering Management*, Vol. 7, No. 3, 148-156, 1993. (in Chinese.)
2. Felgenhauer JL, Barce JM, Benson RL, Nan B, Olson JM, and Breslow NE: No excess of early onset cancer in family members of Wilms tumor patients. *Cancer* 92, 1606-1612, 2001.
3. Green DM, Grigoriev YA, Nan B, Takashima JR, Norkool PA, D'Angio GJ, and Breslow NE: Congestive heart failure after treatment for Wilms tumor: A report from the National Wilms Tumor Study Group. *Journal of Clinical Oncology*, Vol. 19, No. 7, 1926-1934, 2001.
4. Green DM, Peabody EM, Nan B, Peterson S, Kalapurakal JA, and Breslow NE: Pregnancy outcome after treatment for Wilms tumor: A report from the National Wilms Tumor Study Group. *Journal of Clinical Oncology*, Vol. 20, No. 10, 2506-2513, 2002.
5. Green DM, Grigoriev YA, Nan B, Takashima JR, Norkool PA, D'Angio GJ, and Breslow NE: Correction to "Congestive heart failure after treatment for Wilms tumor". *Journal of Clinical Oncology*, Vol. 21, No. 12, 2447-2448, 2003.
6. Cabana MD, Rand C, Slish KK, Nan B, Davis MM, Clark N: Pediatrician self-efficacy for counselling parents of asthmatic children to quit smoking. *Pediatrics*, Vol. 113, No. 1, 78-81, 2004.

7. Nan B, Emond M, and Wellner JA: Information bounds for Cox regression models with missing data. *Annals of Statistics*, Vol. 32, No. 2, 723-753, 2004 .
8. Cabana MD, Sliskin KK, Nan B, Clark NM: Limits of the HEDIS criteria in determining asthma severity for children. *Pediatrics*, Vol. 114, No. 4, 1049-1055, 2004.
9. Cabana MD, Sliskin K, Lewis TC, Brown R, Nan B, Lin X, and Clark NM: Parental management of asthma triggers within a child's environment. *Journal of Allergy and Clinical Immunology*, vol. 114, No. 2, 352-357, 2004.
10. Kamaya A, Abate S, Nan B, Grover I, Adler RS, Jamadar D, and Rubin JM: Characterization of a line streak artifact with pulse inversion tissue harmonics in musculoskeletal sonography. *Journal of Ultrasound in Medicine*, Vol. 23, No. 12, 1597-1605, 2004.
11. Kalapurakal JA, Nan B, Norkool P, Coppes M, Perlman E, Beckwith B, Ritchey M, Breslow N, Grundy P, D'Angio GJ, Green DM, Thomas PR: Treatment outcomes in adults with favorable histologic type Wilms tumor-an update from the National Wilms Tumor Study Group. *International Journal of Radiation Oncology Biology-Physics*, Vol. 60, No. 5, 1379-1384, 2004.
12. Nan B: Efficient estimation for case-cohort studies. *Canadian Journal of Statistics*, Vol. 32, No. 4, 403-419, 2004.
13. Cabana MD, Sliskin KK, Nan B, Lin X, and Clark NM: Asking the correct questions to assess asthma symptoms. *Clinical Pediatrics*, Vol. 44, No. 4, 319-325, 2005.
14. Nan B, Lin X, Lisabeth LD, and Harlow SD: A varying-coefficient Cox model for the effect of age at a marker event on age at menopause. *Biometrics*, Vol. 61, No. 2, 576-583, 2005.
15. Weybright P, Gomez-Hassan D, Maly P, Rohrer S, Junck L, Nan B, Sundgren PC: Differentiation of tumor recurrence from treatment related changes using 2D-CSI MR Spectroscopy. *American Journal of Roentgenology*, Vol. 185, No. 6, 1471-1476, 2005.
16. Sundgren PC, Jennings J, Attwood JT, Nan B, Gebarski S, McCune WJ, Pang Y, Maly P: MRI and 2D-CSI MR spectroscopy of the brain in the evaluation of patients with acute onset of neuropsychiatric systemic lupus erythematosus. *Neuroradiology*, Vol. 47, No. 8, 576-585, 2005.
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19. Daly CP, Cohan RH, Francis IR, Caoili EM, Ellis JH, and Nan B: Incidence of acute appendicitis in patients with equivocal CT findings. *American Journal of Roentgenology*, Vol. 184, No. 6, 1813-1820, 2005.

20. Packer MM, Kaur JS, Hodge FS, Nan B, Trapp MA, and Roubidoux MA: A survey of attendees at native American health care conferences: knowledge, attitudes, and practices about cigarette smoking. *Journal of Cancer Education*, Vol. 20, No. 2, 89-95, 2005.
21. Cabana MD, Birk NA, Sligh KK, Yoon EY, Pace K, Nan B, and Clark NM: Exposure to tobacco smoke and chronic asthma symptoms. *Pediatric Asthma, Allergy & Immunology*, Vol. 18, No. 4, 180-188, 2005.
22. Ortiz AP, Harlow SD, Sowers M, Nan B, and Romaguera J: Age at natural menopause and factors associated with menopause state among Puerto Rican women aged 40-59 years, living in Puerto Rico. *Menopause*, Vol. 13, No. 1, 116-124, 2006.
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24. Yu M and Nan B: A revisit of semiparametric regression models with missing data. *Statistica Sinica*, Vol. 16, 1193-1212, 2006.
25. Nan B, Yu M, and Kalbfleisch JD: Censored linear regression for case-cohort studies. *Biometrika*, Vol. 93, No. 4, 747-762, 2006.
26. Williams DM, Cronin P, Dasika N, Kelly AM, Upchurch GR Jr, Patel HJ, Deeb MG, Nan B, and Zheng J: Aortic Branch Artery Pseudoaneurysms Accompanying Aortic Dissection: Distinction from Penetrating Atherosclerotic Ulcers. *Journal of Vascular and Interventional Radiology*, Vol. 17, No. 5, 773-781, 2006.
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28. Yu M and Nan B: A hybrid Newton-type method for censored survival data using double weights in linear models. *Lifetime Data Analysis*, Vol 12, No. 3, 345-364, 2006.
29. Randolph JF Jr, Crawford S, Dennerstein L, Cain K, Harlow SD, Little R, Mitchell ES, Nan B, Taffe J, and Yosef M: The value of follicle-stimulating hormone concentration and clinical findings as markers of the late menopausal transition. *Journal of Clinical Endocrinology & Metabolism*, Vol. 91, No. 8, 3034-3040, 2006.
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32. Petrou M, Quint LE, Nan B, and Baker LH: Pulmonary nodule volumetric measurement variability as a function of CT slice thickness and nodule morphology. *American Journal of Roentgenology*, Vol. 188, No. 2, 306-312, 2007.

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103. Foster JC, Taylor JMG, Kaciroti N, Nan B: Simple subgroup approximations to optimal treatment regimes from randomized clinical trial data. *Biostatistics*, Vol. 16, No. 2, 368-382, 2015.
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112. Foster JC, Nan B, Shen L, Kaciroti N, Taylor JMG: Permutation Testing for Treatment-Covariate Interactions and Subgroup Identification. *Statistics in Biosciences*, Vol. 8, No. 1, 77-98, 2016.
113. Das R, Banerjee M, Nan B, Zheng H: Fast estimation of regression parameters in a broken-stick model for longitudinal data. *Journal of the American Statistical Association*, Vol. 111, No. 515, 1132-1143, 2016.
114. Bailey JJ, Ellis JH, Davenport MS, Cohan RH, Nan B, Parameswaran A, Hsu L, Sahai V, Francis IR: Value of pelvis CT during follow-up of patients with pancreatic adenocarcinoma. *Abdominal radiology*, Vol. 42, No. 1, 211-215, 2017.
115. Paramsothy P, Harlow SD, Nan B, Greendale GA, Santoro N, Crawford SL, Gold EB, Tepper PG, Randolph JF Jr: Duration of the menopausal transition is longer in women with young age at onset: the multiethnic Study of Women's Health Across the Nation. *Menopause*, Vol. 24, No. 2, 142-149, 2017.
116. Viglianti BL, Wong KK, Wimer SM, Paraeswaran A, Nan B, Ky C, Townsend DM, Rubello D, Frey KA, Gross MD: Effect of hyperglycemia on brain and liver 18F-FDG standardized uptake value (FDG SUV) measured by quantitative positron emission tomography (PET) imaging. *Biomedicine & pharmacotherapy*, Vol. 88, 1038-1045, 2017.
117. Wang X, Nan B, Zhu J, Koeppe R, Frey K: Classification of ADNI PET images via regularized 3D functional data analysis. *Biostatistics & Epidemiology*, Vol. 1, No. 1, 3-19, 2017.
118. Peng Q, Bakulski KM, Nan B, Park SK: Cadmium and Alzheimer's disease mortality in U.S. adults: Updated evidence with a urinary biomarker and extended follow-up time. *Environmental Research*, Vol. 157, 44-51, 2017.
119. Chapman M, Quint LE, Watcharotone K, Nan B, Ranella MJ, DeFreitas MR, Hider JR, Eliason JL, Patel HJ: Pelvic artery aneurysm screening provides value in patients with thoracic aortic aneurysms. *International Journal of Cardiovascular Imaging* (in press).
120. Kong S, Nan B, Kalbfleisch JD, Saran R, Hirth R: Conditional modeling of longitudinal data with terminal event. *Journal of the American Statistical Association* (in press).
121. Dickerson EC, Chong ST, Ellis JH, Watcharotone K, Nan B, Davenport MS, Al-Hawary M, Mazza MB, Rizk R, Morris AM, Cohan RH: Recurrence of Colonic Diverticulitis: Identifying Predictive CT Findings-Retrospective Cohort Study. *Radiology* (in press).

Publications in Conference Proceedings:

1. Xu J, Nan B, and Liu Y: The statistical principle and method in process control with multiple criteria (I). *Proceedings of the 11th International Conference on Production Research, Hefei, China*, 1606-1612, 1991.
2. Xu J, Nan B, and Liu Y: All solutions of clustering for attributes. *Proceedings of the Second International Conference on Optimization Techniques and Applications, Singapore*, 360-367, 1992.
3. Nan B: Statistical quality control on geometry errors. *Proceedings of the 18th International Conferences on Computers & Industrial Engineering, Shanghai, China*, 1136-1140, 1995.
4. Nan B, Xu J, and Ma Y: The residual analysis technique for diagnosis of variation sources. *Proceedings of the First International Conference on Quality and Reliability, Hong Kong*, 255-258, 1995.

Technical Reports:

1. Yu M and Nan B: Semiparametric regression models with missing data: the mathematical review and a new application, 2005. A short version entitled "A revisit of semiparametric regression models with missing data" appeared in *Statistica Sinica* 16, 1193-1212, 2006.
2. Nan B: New estimating methods for surrogate outcome data, 2002.
3. Nan B, Emond M, and Wellner JA: Information bounds for regression models with missing data. Technical Report 378, Statistics, University of Washington, 2000. A short version entitled "Information bounds for Cox regression models with missing data" appeared in *Annals of Statistics* 32, 723-753, 2004.

Organization reports or manuals of a research and/or scholarly nature:

1. Becker J, Benson B, Gallardo-Cook S, Grigoriev Y, Hamilton H, Hamilton I, Loechelt-Yoshioka T, McBride Z, Nan B, Nichols D, Norkool P, Peterson S, Riff H, Takashima J, and Breslow N: National Wilms Tumor Study Group Statistical Report, June 2000.

Grants:

Current Grants

Principal Investigator, Emerging Issues in Modeling Longitudinal Observations with Censoring. 09/01/2014 - 08/31/2018. (NSF, 2-month summer support, with 1-year no-cost extension)

Co-Investigator, Alzheimers Disease Research Center at the University of California, Irvine. PI: Frank LaFerla, 04/01/2015 - 03/31/2020. (NIA P50, 10% effort)

Previous Grants

Principal Investigator, High-Dimensional Data Issues in Aging Research. 04/15/10 - 3/31/15. (NIH R01, 30% effort)

Principal Investigator, Estimation Theory for Semiparametric Models with Bundled Parameters. 07/01/10 - 06/30/13. (NSF, 1-month summer support)

Principal Investigator, Theory and Methodology for Semiparametric Linear Models with Censored Data. 06/01/07 - 05/31/10. (NSF, 2-month summer support) 06/01/10 - 05/31/11 (no cost extension)

Co-Investigator, End Stage Renal Disease (ESRD) Quality Measure Development, Maintenance, and Support - Task Order 003. PI: Yi Li, 09/26/13-09/25/18. (DHHS-CMMS, 25% effort)

Co-Investigator, ESRD Quality Incentive Program. PI: Yi Li, 09/30/14-09/29/17. (Arbor Research/Centers for Medicare & Medicaid, 10% effort)

Co-investigator, Study of Women's Health Across the Nation (SWAN V): Michigan Site. PI: Sioban Harlow, 07/17/14 - 10/31/18. (NIH U01, 8% effort)

Co-investigator, Great Lakes Air Center for Integrative Environmental Research (GLACIER). PI: Jack Harkema, 7/1/2011-12/31/2016. (EPA, 5% effort)

Co-investigator, Statistical Methods for Cancer Biomarkers. PI: Jeremy Taylor, 1/1/2012 to 12/31/2015. (NIH, 5% effort)

Co-investigator, Neuro-Genetic Markers of SSRI Treatment Response in Adolescent Anxiety. PI: Luan Phan, 07/01/2010 - 06/30/2015. (NIH, 10% effort)

Co-investigator, Survival Analysis Methods for Organ Failure Data. PI: Douglas Schaubel, 07/15/2010 - 06/30/2014. (NIH, 5% effort)

Co-investigator, Sex Hormones in Postmenopausal Women in the Diabetes Prevention Program. PI: Catherine Kim, 07/01/2010 - 06/30/2014. (NIH, 15% effort)

Co-investigator, SWAN IV-Michigan: Perimenopause, Bone and Arthritis in African Americans. PI: Sioban Harlow, 07/01/2004 to 04/30/2014. (NIH U01, 5% effort)

Co-investigator, The Association Between Cataract Surgery and Progression of Diabetic Retinopathy. PI: Joshua Stein, 05/01/09 - 04/30/14. (NIH, 5% effort)

Co-investigator, The Epidemiology of Obesity Metabolism in the Menopausal Transition. PI: MaryFran Sowers. 8/15/2007 to 4/30/2012. (NIH, 5% effort)

Biostatistician, Clinical and Translational Science Award. PI: Thomas Shanley, 09/17/07 - 05/31/12. (NIH, 5% effort)

Co-investigator, A Secular Change in Menstrual Characteristics of Adult and Midlife Women? PI: Sioban Harlow. 02/01/08 - 1/31/11. (NIH, 5% effort)

Director, Data Management and Statistics Core, Michigan Alzheimer's Disease Research Center (MADRC). PI: Sid Gilman. 07/01/05 - 05/31/10. (NIH, 15% effort) 06/01/10 - 05/31/11 (bridging, 5% effort)

Co-investigator, High Resolution MR Imaging of Damaged Myocardium in Patients with Arrhythmia. PI: Benoit Desjardins, 07/01/06 - 06/30/11. (NIH, 5% effort)

Co-investigator, Medical Malpractice Liability and Physician Referrals. PI: Xiao Xu, 09/01/09 - 08/31/11. (BC/CS of MI Foundation, 5% effort)

Co-investigator, Racial Disparities in the Care of Elderly Americans with Glaucoma. PI: Joshua Stein. 05/01/09 - 04/30/11. (AGS, 5% effort)

Co-investigator, Does Hormone Therapy Influence Reproductive Aging? Analysis of Four Cohorts. PI: Sioban Harlow. 01/01/08 - 2/28/10. (NIH, 10% effort)

Co-investigator, The Epidemiology Obesity Metabolism in the Menopausal Transition. PI: MaryFran Sowers. 08/15/07 - 4/30/10. (Albert Einstein College of Medicine, 10% effort)

Co-investigator, Change in Bone, Arthritis, and Functions: Hormones & Obesity. PI: MaryFran Sowers, 04/01/05 - 03/31/10. (NIH, 5% effort)

Co-investigator, Trial of Infant Probiotic Exposure on Developing Asthma. PI: Michael Cabana, 07/01/04 - 06/30/09. (NIH, 20% effort)

Co-investigator, Enhancing Pediatric Asthma Management. PI: Michael Cabana, 4/01/03 - 03/31/08. (NIH, 10% effort)

Biostatistician, General Clinical Research Center. PI: Kelch, 3/01/06 - 2/28/08. (NIH, 20% effort)

Co-investigator, Statistical Methods for Correlated Biomedical Data. PI: Rod Little, 8/01/05 - 3/31/07. (NIH, 15% effort)

Co-investigator, Cervical Cancer SPORE. PI: Kathleen Cho, 09/01/03 - 11/30/07. (NIH, 15% effort)

Co-investigator, Ultrasound Elasticity Imaging in Breast Cancer Screening. PI: Jonathan Rubin, 04/01/05 - 03/31/07. (NIH, 5% effort)

Co-investigator, Monte Carlo Simulation of High Energy Photon Imaging. PI: Yuni Dewaraja, 07/01/03 - 06/30/07. (NIH, 3% effort)

Co-investigator, Statistical Methods for Correlated Biomedical Data. PI: Xihong Lin, 12/01/02 - 11/30/06. (NIH, 10% effort)

Co-investigator, Enhancing Pediatric Asthma Management. PI: Noreen Clark, 09/01/05 - 08/31/06. (NIH, 20% effort)

Co-investigator, Cancer Center. PI: Max Wicha, 06/01/01 - 05/31/06. (NIH, 20% effort)

Biostatistician, Radiology Department Support. 09/01/02 - 08/30/06. (20% effort + a GSRA support)

Co-investigator, ReStage. PI: Sioban Harlow , 09/01/03 - 08/31/05. (NIH, 5% effort)

Biostatistician, General Clinical Research Center. PI: Lichter, 12/01/00 - 11/30/05. (NIH, 20% effort)

Co-investigator, Michigan NIDDK Biotechnology Center. PI: Ronald Koenig, 09/30/00 - 09/29/03. (NIH, 25% effort)

Invited Talks/Seminars:

“Information Bounds and Efficient Estimates for Two-Phase Designs with Lifetime Data,” Biostatistics Departmental Seminar, University of Washington, 2000. Seattle, WA.

“Efficiency of Two-Phase Sampling Designs with Survival Data,” Statistics Departmental Seminar, University of Michigan, 2002. Ann Arbor, MI.

“Statistical Models for Evaluation of Marker Events,” Department of Statistics & Actuarial Science, University of Waterloo, 2004. Waterloo, Canada.

“Efficiency Considerations in Case-cohort Studies,” Department of Mathematics and Statistics, York University, 2004. Toronto, Canada.

“Survival Models for Evaluating Marker Events of Menopausal Transition,” M.D. Anderson Cancer Center, 2004. Houston, TX.

“A New Look at Some Efficiency Results for Semiparametric Models with Missing Data,” Workshop on Missing Data Problems, Fields Institute, 2004. Toronto, Canada.

“Linear Regression in Case-Cohort Studies: Theory and Numerical Aspects,” International Conference on Statistics in Honour of Professor Kai-Tai Fang’s 65th Birthday, 2005. Hong Kong, China.

“Biostatistics: Theory and Applications,” Xinjiang Institute of Ecology and Geography, Chinese Academy of Science, 2005. Urumqi, China.

“Semiparametric Pseudo Z-Estimation and Case-Cohort Studies,” Joint Statistical Meetings, 2005. Minneapolis, Minnesota.

“Linear Regression for Censored Survival Time with Missing Data,” Fred Hutchinson Cancer Research Center, 2006. Seattle, Washington.

“Survival Models for Evaluating Marker Events of Menopausal Transition,” Indiana University, 2006. Indianapolis, Indiana.

“Time-Varying Cross-Ratio Estimation for Bivariate Survival Data,” ENAR, 2007. Atlanta, Georgia.

“Linear Regression for Censored Survival Time with Missing Data,” Nanjing University of Science and Technology, 2007. Nanjing, China.

“Weighted Likelihood Method for Grouped Survival Data in Case-Cohort Studies with Application to HIV Vaccine Trials,” IMST 2007 - FIM XV. Shanghai, China.

“Semiparametric Accelerated Failure Time Model with Missing Data,” Conference on Current and Future Trends in Nonparametrics, University of South Carolina, 2007. Columbia, South Carolina.

“Hierarchically penalized Cox regression for censored data with grouped variables and its oracle property,” Isaac Newton Institute for Mathematical Sciences, 2008. Cambridge, UK.

“Hierarchically penalized Cox regression for censored data with grouped variables and its oracle property,” University of Manchester, 2008. Manchester, UK.

“Semiparametric Accelerated Failure Time Model with Missing Data,” University of Newcastle, 2008. Newcastle, UK.

“Semiparametric Accelerated Failure Time Model with Missing Data,” University of Lancaster, 2008. Lancaster, UK.

“Semiparametric Accelerated Failure Time Model with Missing Data,” University of Michigan, 2008. Ann Arbor, Michigan.

“Semiparametric Accelerated Failure Time Model with Missing Data,” University of Iowa, 2009. Iowa City, Iowa.

“Hierarchically penalized Cox regression with grouped variables,” Xinjiang University, 2009. Urumqi, China.

“Case-Cohort Design versus Two-Phase Sampling,” ICSA Symposium, 2009. San Francisco, California.

“Case-Cohort Design versus Two-Phase Sampling,” International Conference on Financial Statistics and Financial Econometric, 2009. Chengdu, China.

“Current Status Data in Case-Cohort Studies,” Joint Statistical Meetings, 2009. Washington DC.

“Longitudinal measures with event time as a covariate,” Workshop on Emerging Issues in the Analysis of Longitudinal Data, Banff International Research Station, 2009. Banff, Canada.

“Semiparametric Accelerated Failure Time Model with Missing Data,” Bowling Green State University, 2009. Bowling Green, Ohio.

“Regression for high-dimensional data with grouped variables via convex regularization,” Harvard University, 2010. Boston, Massachusetts.

“Regression for high-dimensional data with grouped variables via convex regularization,” International Conference on Statistical Analysis of Complex Data, 2010. Kunming, China.

“Multivariate regression for high-dimensional data with grouped variables via convex regularization,” International Conference on Statistics and Society, 2010. Beijing, China.

“A likelihood approach for ordered event times,” First Joint Biostatistics Symposium, 2010. Beijing, China.

“Semiparametric Accelerated Failure Time Model with Missing Data,” International Workshop on the Frontier of Statistics, Chinese Academy of Sciences, 2010. Beijing, China.

“Interval Censored Data in Case-Cohort Studies,” Zhengzhou University, 2010, Zhengzhou, China.

“Time-Dependent Cross-Ratio Estimation,” Joint Statistical Meetings, 2010. Vancouver, Canada.

“Relative risk regression for current status data in case-cohort studies,” 28th European Meeting of Statisticians, 2010. Piraeus, Greece.

“Longitudinal measures with event time as a covariate,” The Eighth ICSA International Conference: Frontiers of Interdisciplinary and Methodological Statistical Research, 2010. Guangzhou, China.

“Semiparametric Accelerated Failure Time Model with Missing Data,” George Mason University, 2011. Fairfax, Virginia.

“Sparse 3D Functional Regression via Haar Wavelets for Imaging Data,” International Workshop on Perspectives on High-dimensional Data Analysis, Fields Institute, 2011. Toronto, Canada.

“Estimation of the Duration Time Distribution for Successive Events,” WNAR, 2011. San Luis Obispo, California.

“An M-Theorem for Bundled Parameters in Semiparametric Models,” IMS-China International Conference on Statistics and Probability, 2011. Xi’an, China.

“An M-Theorem for Bundled Parameters in Semiparametric Models,” Joint Statistical Meetings, 2011. Miami Beach, Florida.

“Accelerated Failure Time Model: Some Recent Developments,” Indiana University School of Medicine, 2011. Indianapolis, Indiana.

“Semiparametric Models with Bundled Parameters,” 2011-12 (inaugural) Biostatistics Annual Alumni Seminar, University of Washington, 2012. Seattle, Washington.

“Regularized high-dimensional multivariate linear regression with flexibly grouped variables,” International Workshop: Perspectives on High-Dimensional Data Analysis II, CRM, University of Montreal, 2012. Montreal, Canada.

“Semiparametric Models with Bundled Parameters,” 1st Conference of the International Society for Nonparametric Statistics, 2012. Chalkidiki, Greece.

“Semiparametric Models with Bundled Parameters,” 8th International Purdue Symposium on Statistics, 2012. West Lafayette, Indiana.

“Semiparametric Z-Estimation for Bundled Parameters and Case-Cohort Studies,” ICSA Applied Statistics Symposium, 2012. Boston, Massachusetts.

“Regularized high-dimensional multivariate linear regression with flexibly grouped variables,” The 2nd IMS-APRM Conference, 2012. Tsukuba, Japan.

“Semiparametric Z-Estimation for Bundled Parameters and Case-Cohort Studies,” 2nd Beijing Biostatistics Symposium, 2012. Beijing, China.

“Modeling the Dependence Structure for Correlated Survival Data with Covariate,” Joint Statistical Meetings, 2012. San Diego, California.

“Semiparametric Z-Estimation and Case-Cohort Studies,” A Symposium in Honor of Jack Kalbfleisch: Methodologic Advances in the Analysis of Outcomes Data, 2012. Ann Arbor, Michigan.

“Modeling the Dependence Structure for Bivariate Survival Data,” Johns Hopkins University, 2012. Baltimore, Maryland.

“Semiparametric Inference for Bundled Parameters,” University of Michigan, Department of Statistics, 2013. Ann Arbor, Michigan.

“Regression with Covariate Subject to Limit of Detection,” Johns Hopkins University, 2013. Baltimore, Maryland.

“Functional Regression for Brain Imaging,” ENAR meeting, 2013. Orlando, Florida.

“Semiparametric Inference for Bundled Parameters,” University of North Carolina at Chapel Hill, 2013. Chapel Hill, North Carolina.

“Semiparametric Z-Estimation for Bundled Parameters,” University of Wisconsin–Madison, 2013. Madison, Wisconsin.

“Functional Regression for Brain Imaging,” International Workshop: Perspectives on High-Dimensional Data Analysis III, PIMS, University of British Columbia, 2013. Vancouver, Canada.

“Non-Asymptotic Oracle Inequalities for the High-Dimensional Cox Regression via Lasso,” ICSA-ISBS Joint Statistical Conference, 2013. Washing DC.

“Semiparametric Inference for Bundled Parameters,” University of Virginia, 2013. Charlottesville, Virginia.

“A Theoretical Aspect of the Case-Cohort Study,” Symposium: Statistics at the Crossroads: Its Multifaceted Impact on the Society, 2013. Akron, Ohio.

“A computationally fast and asymptotically efficient estimating approach for change-points,” The Second International Conference on Engineering and Computational Mathematics, Hong Kong Polytechnic University, 2013. Hong Kong.

“Non-Asymptotic Oracle Inequalities for the High-Dimensional Cox Regression via Lasso,” The Ninth ICSA International Conference: Challenges of Statistical Methods for Interdisciplinary Research and Big Data, Hong Kong Baptist University, 2013. Hong Kong.

“Semiparametric Approach for Regression with Covariate Subject to Limit of Detection,” 2nd Conference of the International Society for NonParametric Statistics, 2014. Cadiz, Spain.

“Semiparametric Approach for Regression with Covariate Subject to Limit of Detection,” The 3rd IMS-APRM Conference, 2014. Taipei, Taiwan.

“Semiparametric Z-Estimation for Bundled Parameters,” International Workshop on Statistics Frontier and Related Topics, 2014. Urumqi, China.

“Non-Asymptotic Oracle Inequalities for the High-Dimensional Cox Regression via Lasso,” The Fourth International Workshop on the Perspectives on High-dimensional Data Analysis, 2014. Banff, Canada.

“Regression with Covariate Subject to Limit of Detection,” Fred Hutchinson Cancer Research Center, 2014. Seattle, Washington.

“Regression with Covariate Subject to Limit of Detection,” Columbia University, 2014. New York City, New York.

“Cohort sampling: the case-cohort design,” Environmental Statistics Workshop, 2014. Ann Arbor, Michigan.

“Large Covariance Matrix Estimation for Temporal Data,” 7th International Conference of the ERCIM WG on Computational and Methodological Statistics (ERCIM 2014), 2014. Pisa, Italy.

“Large Covariance Matrix Estimation for Temporal Data,” University of Hong Kong, 2015. Hong Kong, China.

“Semiparametric Z-Estimation for Bundled Parameters,” Hong Kong Baptist University, 2015. Hong Kong, China.

“Regression with Covariate Subject to Limit of Detection,” University of Miami, 2015. Miami, Florida.

“Large Covariance/Correlation Matrix Estimation for Temporal Data,” Workshop on Biostatistics and Bioinformatics, Georgia State University, 2015. Atlanta, Georgia.

“Large Covariance/Correlation Matrix Estimation for Temporal Data,” Workshop on Data Science in Biomedicine, Hong Kong Baptist University, 2015. Hong Kong, China.

“Cohort sampling: the nested case-control study,” ICSA-Canada Chapter 2015 Symposium: Embracing Challenges and Opportunities of Statistics and Data Science in the Modern World, University of Calgary, 2015. Calgary, Canada.

“Semiparametric Approach for Regression with Covariate Subject to Limit of Detection,” Joint Statistical Meetings, 2015. Seattle, Washington.

“Large covariance/correlation matrix estimation for temporal data,” The Fifth International Workshop on the Perspectives on High-dimensional Data Analysis, University of Victoria, 2015. Victoria, Canada.

“Screening via multivariate sparse group lasso for imaging genomics data,” iBRIGHT: Integrative Biostatistics Research for Imaging, Genomics, & High-throughput Technologies in Precision Medicine, MD Anderson Cancer Center, 2015. Houston, Texas.

“Tuning parameter selection for voxel-wise brain connectivity estimation via low dimensional submatrices,” BIRS Workshop on Neuroimaging, Banff Center, 2016. Banff, Canada.

“Regression with Covariate Subject to Limit of Detection,” University of Pittsburgh, 2016. Pittsburgh, Pennsylvania.

“Regression with Covariate Subject to Limit of Detection,” University of Illinois Urbana-Champaign, 2016. Champaign, Illinois.

“Asymptotic Distributional Theory of the Weighted Estimation for Nested Case-Control Design,” 3rd Conference of the International Society for NonParametric Statistics, 2016. Avignon, France.

“Tuning parameter selection for voxel-wise brain connectivity estimation via low dimensional submatrices,” The Fourth International Conference on the Interface between Statistics and Engineering, 2016. Palermo, Italy.

“Cohort sampling: the nested case-control study,” Joint Statistical Meetings, 2016. Chicago, Illinois.

“Regression with Covariate Subject to Limit of Detection,” University of Georgia, 2016. Athens, Georgia.

“Tuning parameter selection for voxel-wise brain connectivity estimation via low dimensional submatrices,” Conference of Statistical Challenges on large-scale complex data, 2016. Puer, China.

“Semiparametric Z-Estimation for Bundled Parameters,” Yunnan University, 2016. Kunming, China.

“Estimating large covariance and precision matrices from temporally dependent data,” Fudan University, 2016. Shanghai, China.

“Estimating large covariance and precision matrices from temporally dependent data,” University of North Carolina at Chapel Hill, 2016. Chapel Hill, North Carolina.

“Regression with Covariate Subject to Limit of Detection,” Yale University, 2017. New Haven, Connecticut.

“Semiparametric Z-Estimation for Bundled Parameters & Case-Cohort Design,” LIDA Conference, University of Connecticut, 2017. Storrs, Connecticut.

Academic Services:

Article Reviews

Annals of Applied Statistics, Annals of Statistics, Annals of the Institute of Statistical Mathematics, Bernoulli, Biometrics, Biometrika, Biostatistics, BMC Bioinformatics, Canadian Journal of Statistics, Circulation, Computational Statistics and Data Analysis, Human Biology, Journal of Nonparametric Statistics, Journal of the American Statistical Association, Journal of the Royal Statistical Society (Series B/C), Lifetime Data Analysis, Scandinavian Journal of Statistics, Statistica Sinica, Statistics and Its Interface, Statistics in Biosciences, Statistics in Medicine

Grant Reviews

Reviewer, Research Grants Council of Hong Kong, 2006
 Reviewer, Israel Science Foundation, 2006.
 Reviewer, Natural Sciences and Engineering Research Council of Canada, 2012, 2013.
 Ad hoc Member, NIH, Biostatistical Methods and Research Design Study Section (BMRD), 2016.
 Ad hoc Member, NIH, Cancer, Heart, and Sleep Epidemiology Panel A Study Section (CHSA), 2017.

Editorial Board

Associate Editor, *Statistics in Biosciences*, 2009-present
 Associate Editor, *The Canadian Journal of Statistics*, 2010-2017
 Associate Editor, *Statistica Sinica*, 2011-2014
 Associate Editor, *Lifetime Data Analysis*, 2015-present
 Guest Editor, *Lifetime Data Analysis*, 2015-present

Program Committees

Member, Program Committee, ICSA Applied Statistics Symposium, 2010. Indianapolis, Indiana.
 Member, Program Committee, First Joint Biostatistics Symposium, 2010. Beijing, China.
 Chair, Program Committee and Organizer, From Probability to Statistics and Back: High-Dimensional Models and Processes, Conference in honor of Jon A. Wellner, 2010. Seattle, Washington.
 Program Chair, ICSA JSM 2012.
 Member, Program Committee, 2nd Joint Biostatistics Symposium, 2012. Beijing, China.
 Member, Program Committee, A Symposium in Honor of Jack Kalbfleisch – Methodologic Advances in the Analysis of Outcomes Data, 2012. Ann Arbor, Michigan.
 Member, Program Committee, 3rd Joint Biostatistics Symposium, 2013. Chengdu, China.
 Treasurer, Statistics in Imaging Section, American Statistical Association, 2014-2015.
 Co-Organizer, Inaugural Workshop on Statistical Methods in Imaging, 2015. Ann Arbor, Michigan.
 Program Chair, ENAR JSM 2016
 Program Chair, Lifetime Data Analysis Interest Group, JSM 2017

Invited Session Organizers and Chairs

- Chair, Recent Developments in Non-Smooth Estimating Functions for Censored Data, Invited Session, ENAR 2008. Arlington, Virginia.
- Organizer and Chair, Issues in Complicated Designs and Survival Analysis, Invited Session, ENAR 2009. San Antonio, Texas.
- Organizer and Chair, Semiparametric Inference, Invited Session, IMS-China International Conference on Statistics and Probability 2009. Weihai, China.
- Organizer and Chair, Biomarker Evaluation, Invited Session, First Joint Biostatistics Symposium, 2010. Beijing, China.
- Organizer, Non-/Semi-Parametric Models for Complex Data, Invited Session, ICSA Applied Statistics Symposium, 2011. New York, New York.
- Organizer and Chair, Imaging, Omics, and High-Dimensionality, Invited Session, ENAR 2012. Washington DC.
- Organizer and Chair, Statistical Methods for High-dimensional Biomedical Data, Invited Session, ICSA Applied Statistics Symposium, 2012. Boston, Massachusetts.
- Organizer and Chair, Statistical Issues in Modeling Observational Data, Invited Session, 2nd Joint Biostatistics Symposium, 2012. Beijing, China.
- Organizer, Nonparametric Estimation under Shape Constraints, Special Invited Lecture Session, IMS-China International Conference on Statistics and Probability, 2013. Chengdu, China.
- Organizer and Chair, Methods for Analyzing Event Time Data, Invited Session, The Ninth ICSA International Conference: Challenges of Statistical Methods for Interdisciplinary Research and Big Data, 2013. Hong Kong, China.
- Organizer and Chair, Emerging Issues in Analyzing Longitudinal Measures and Censored Data, Invited Session, IMS-APRM International Conference on Statistics and Probability 2014. Taipei, Taiwan.
- Organizer, Recent Developments in Statistical Modeling of Brain Imaging Data, Invited Session, The 27th International Biometric Conference 2014, Florence, Italy.
- Organizer, Recent Developments in Analyzing Censored Survival Data, Invited Session, Joint 24th ICSA Applied Statistics Symposium and 13th Graybill Conference, 2015. Fort Collins, Colorado.
- Organizer and Chair, New Methods for Censored Data, invited Session, LIDA Conference, 2017. Storrs, Connecticut.
- Organizer, Statistical Methods in Analyzing Brain Imaging Data, Invited Session, IMS-China International Conference on Statistics and Probability, 2017. Nanning, China.
- Organizer, Longitudinal/Repeated Measures and Terminal Events, Invited Session, JSM 2017. Baltimore, Maryland.

Data Safety and Monitoring Boards

- Preeclampsia Study, NIH, 2006-2007.
- PPAR- γ , RA and cardiovascular disease, NIH, 2008-2013.

University Services (at the University of Michigan):

Seminars and Brown Bag (Biostatistics): 2001-2002 (Chair), 2002-2003.
 Student Affairs/Alumni Relations (Biostatistics): 2001-2003.
 Admissions (Biostatistics): 2002-2004, 2010-2011.
 Search Committee (Radiology): 2005-2006.
 Candidacy (Biostatistics): 2004-2007, 2010-2011 (Chair), 2011-2012, 2012-2014 (Chair),
 2015-2017.
 Senior Search Committee (Biostatistics): 2005-2007.
 Curriculum (Biostatistics): 2004-2005, 2008-2010.
 Diversity Task Force (School of Public Health): 2005-2008, 2008-2009 (Chair).
 Search Committee (Biostatistics): 2008-2010 (Chair), 2015-2017.
 Community-Based Public Health (School of Public Health): 2009-2014, 2015-2016.
 Computing Committee (Biostatistics): 2011-2012 (Chair), 2012-2013.
 Advanced Inference Committee (Biostatistics): 2013-2014 (Chair).
 Qualifying Exam Modernization Proposal (Biostatistics): 2015-2017.
 Research Council (School of Public Health): 2016-2017.

University Services (at the University of California at Irvine):

Executive Committee (School of Information and Computer Sciences): 2017-2018.

Doctoral Student Advising (at the University of Michigan):

Honghong Zhou, Department of Biostatistics, 2006. Co-Chair (with Xihong Lin).
 Case-Control Studies with Longitudinal Covariates. (Held Assistant Professor
 position at the Indiana University School of Medicine during 2006-2009, now
 at Johnson and Johnson.)

Zhangsheng Yu, Department of Biostatistics, 2006. Co-Chair (with Xihong Lin).
 Nonparametric Regression for Correlated Failure Time Data Analysis. (Professor,
 Shanghai Jiao Tong University, School of Mathematical Sciences.)

Sijian Wang, Department of Biostatistics, 2008. Co-Chair (with Ji Zhu).
 High-Dimensional Survival Data Analysis and Its Application to Microarray
 Data. (Associate Professor, University of Wisconsin at Madison, Departments of
 Biostatistics and Statistics. His dissertation papers won the 2007 ENAR John Van
 Ryzin Award and the 2008 ICSA J.P. Hsu Memorial Award.)

Zhiguo Li, Department of Biostatistics, 2008. Co-Chair (with Jeremy Taylor).
 Some Problems in Statistical Inference under Order Restrictions. (Associate
 Professor, Duke University, Department of Biostatistics and Bioinformatics. His
 dissertation paper won 2008 ENAR Distinguished Student Paper Award.)

Ying Ding, Department of Biostatistics, 2009. Chair.
 Some New Insights about the Accelerated Failure Time Model. (Assistant Professor,
 University of Pittsburgh, Department of Biostatistics. Her dissertation paper
 won 2010 ENAR Distinguished Student Paper Award.)

Tianle Hu, Department of Biostatistics, 2011. Chair.
 Time-Dependent Cross-Ratio Estimation for Bivariate Failure Times. (Statistician
 at Eli Lilly.)

- Xuejing Wang, Department of Biostatistics, 2013. Chair.
Regularized Functional Regression Models with Applications to Brain Imaging.
(Statistician at Eli Lilly. Her dissertation paper won 2013 ENAR Distinguished Student Paper Award.)
- Jared Foster, Department of Biostatistics, 2013. Co-Chair (with Jeremy Taylor).
Subgroup Identification and Variable Selection from Randomized Clinical Trial Data.
(Assistant Professor, Mayo Clinic. His dissertation paper won 2013 ENAR Distinguished Student Paper Award.)
- Shengchun Kong, Department of Biostatistics, 2014. Chair.
New Statistical Issues for Censored Survival Data: High-Dimensionality and Censored Covariate. (Held Assistant Professor position at Purdue University 2014-2015, now at Gilead Sciences, Inc.)
- Yanming Li, Department of Biostatistics, 2014. Chair.
High-Dimensional Variable Selection for Multivariate and Survival Data with Applications to Brain Imaging and Genetic Association Studies. (Postdoctoral Fellow at the University of Michigan.)
- Ritabrata Das, Department of Biostatistics, 2015. Co-Chair (with Mouli Banerjee).
Efficient Inferential Methods in Regression Models with Change Points or High Dimensional Covariates. (Statistician, Bank of America.)
- Hai Shu, Department of Biostatistics, 2016. Chair.
High Dimensional Dependent Data Analysis for Neuroimaging. (Postdoctoral Fellow at the MD Anderson Cancer Center.)
- Lu Xia, Department of Biostatistics. Co-Chair (with Yi Li).

Doctoral Committee Memberships (at the Univeristy of Michigan):

- Wenqin Pan, Department of Biostatistics, 2002.
- Menggang Yu, Department of Biostatistics, 2003.
- Deanna Marriott, Department of Biostatistics, 2003.
- Ana Ortiz, Department of Epidemiology, 2004.
- Hyong Gin An, Department of Biostatistics, 2004.
- Dingzhou Li, Department of Physics, 2004.
- Yuichi Hirose, Department of Statistics, University of Auckland, New Zealand, 2005.
- Wen Ye, Department of Biostatistics, 2006.
- Guangyu Zhang, Department of Biostatistics, 2007.
- Hui Zhang, Department of Biostatistics, 2008.
- Yan Lan, Department of Statistics, 2007.
- Ning Liu, Department of Biostatistics, 2010.
- Min Qian, Department of Statistics, 2010.
- Flojaune Christina Griffin, Department of Epidemiology, 2010.
- Runlong Tang, Department of Statistics, 2011.
- Jincao Wu, Department of Biostatistics, 2011.
- Wei Chen, Department of Biostatistics, 2011.
- Yong Seok Park, Department of Biostatistics, 2011.
- Shufang Wang, Department of Biostatistics, 2011.
- Hui Zhang, Department of Biostatistics, 2011.

Kelly Ylitalo, Department of Epidemiology, 2011.
Carrie Karvonen-Gutierrez, Department of Epidemiology, 2012.
Toshiya Hoshikawa, Department of Statistics, 2012.
Nirupam Chakrabarty, Department of Statistics, 2014.
John Rice, Department of Biostatistics, 2015.
Jing Ma, Department of Statistics, 2015.
Pramita Bagchi, Department of Statistics, 2015.
Yingchuan Wang, Department of Statistics, 2016.

Research Assistants Supervised (at the University of Michigan):

Sunkyung Yu, Biostatistics, 2002. Simulations for the clinical protocol: Treatment of primary or recurrent pigmented villonodular synovitis with intra-articular pNGVL-TK followed by oral valganciclovir: Hybrid phase I/II trial.
Paul Nicholas, Biostatistics, 2002-2003. Supported by the Radiology Department.
Jin Zheng, Biostatistics, 2003-2005. Supported by the Radiology Department.
Yong Zhang, Biostatistics, 2005-2006. Supported by the Radiology Department and my discretionary fund.
Jincao Wu, Biostatistics, 2007-2008. Supported by my NSF grant and Sowers' NIH grant.
Chia-Ning Wang, Biostatistics, 2007-present. Supported by Gilman's NIH P50 grant (MADRC) and Harlow's NIH R01 grant
Ying Ding, Biostatistics, 2008-2009. Supported by my NSF grant and Sowers' NIH grant.
Xuejing Wang, Biostatistics, 2008-2013. Supported by Gilman's NIH P50 grant (MADRC) and my NIH R01 grant.
Shengchun Kong, Biostatistics, 2010-2013. Supported by Kim's NIH R01 grant.
Hai Shu, Biostatistics, 2010-present. Supported by my NIH R01 grant.
Hui-Yu Yang, Biostatistics, 2012-2013. Supported by Harkema's EPA grant.
Ritabrata Das, Biostatistics, 2011-2015. Supported by my NSF grant and Harkema's EPA grant.
Yiwang Zhou, Biostatistics, 2016-present. Supported by my NSF grant.
Tianwen Ma, Biostatistics, 2016-present. Supported by the Radiology Department.

Academic Advising (at the University of Michigan):

Eun Ha Lee, Biostatistics, 2001.
Wei Liang, Biostatistics, 2001.
Dongmei Hodgson, Biostatistics, 2001.
Bonnie Motyka, Biostatistics, 2002.
Zaojun Ye, Biostatistics, 2002.
Angela Fought, Biostatistics, 2003.
Dingzhou Li, Biostatistics, 2003.
Lingxiao Qi, Biostatistics, 2003.
Jin Zheng, Biostatistics, 2003.
Galen Cook-Wiens, Biostatistics, 2004.

Xizhao Li, Biostatistics, 2004.
Yan Liu, Biostatistics, 2004.
Xin Gao, Biostatistics, 2005.
Yong Zhang, Biostatistics, 2005.
Ming Hu, Biostatistics, 2006.
Lin Tong, Biostatistics, 2006.
Alexa Resler, Biostatistics, 2007.
Jincao Wu, Biostatistics, 2007.
Angelo Karaboyas, Biostatistics, 2008.
Soo Young Kwak, Biostatistics, 2008.
Heather Schimmoeller, Biostatistics, 2008.
Xuejing Wang, Biostatistics, 2008.
Shan Kang, Biostatistics, 2009.
Shengchun Kong, Biostatistics, 2009.
Sarah Forney, Biostatistics, 2010.
Meghan Glynn, Biostatistics, 2010.
Tzu-Ying Liu, Biostatistics, 2010.
Amy Gu, Biostatistics, 2013.
Ariana Tang, Biostatistics, 2013.

K30 Biostatistician (at the University of Michigan):

Debabrata Mukherjee, Cardiology, 2003.
Najeeb Zoubi, Pediatric Gastroenterology, 2004.
Benoit Desjardins, Radiology, 2005.
Bruce Miller, Orthopaedic Surgery, 2007.
Kevin Kerber, Neurology, 2008.
Brian Callaghan, Neurology, 2010.

Teaching (at the University of Michigan):

Biostat 553: Applied Biostatistics. Fall 2012.
Biostat 601: Probability and Distribution Theory. Fall 2002, Fall 2003, Fall 2005,
Fall 2007, Fall 2011.
Biostat 602: Statistical Inference. Winter 2014.
Biostat 651: Extensions for Linear Regression. Winter 2003, Winter 2004, Winter 2005.
Biostat 680: Applications of Stochastic Processes I. Winter 2010, Winter 2011.
Biostat 800: Seminar in Biostatistics. Fall 2002, Winter 2003.
Biostat 801: Advanced Inference I. Fall 2015, Fall 2016.
Biostat 830: Semiparametric Models. Winter 2002, Fall 2006, Fall 2010.
Biostat 830: Model Selection. Fall 2008.
Biostat 875: Advanced Survival Analysis. Winter 2005, Winter 2010, Winter 2012.