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EDUCATION

Ph.D., Statistics, University of Wisconsin-Madison, 2008
M.S., Statistics, University of Wisconsin-Madison, 2006
M.S., Statistics, National Chengchi University, Taipei, Taiwan, 1999
B.A., Business Mathematics, Soochow University, Taipei, Taiwan, 1997

EMPLOYMENT

Research Professor Department of Biostatistics, University of North Carolina at Chapel Hill	2022 - present
Research Associate Professor Department of Biostatistics, University of North Carolina at Chapel Hill	2017 - 2022
Research Assistant Professor Department of Biostatistics, University of North Carolina at Chapel Hill	2012 - 2017
Postdoctoral Research Associate NC TraCS Institute, Home of the UNC-CH Clinical and Translational Science Awards (CTSA), University of North Carolina at Chapel Hill	2009 - 2012
Postdoctoral Research Associate Dr. HuiChuan Lai's Lab, Department of Nutritional Sciences, University of Wisconsin-Madison	2008 - 2009
Research Assistant Dr. HuiChuan Lai's Lab, Department of Nutritional Sciences, University of Wisconsin-Madison	2008
Project Assistant General Clinical Research Center (GCRC), University of Wisconsin-Madison	2006 - 2007
Research Assistant Institute of Statistical Science, Academia Sinica, Taipei, Taiwan	2003 - 2004
Research Assistant Election Study Center, National Chengchi University, Taipei, Taiwan	1997 - 2001
Statistical Consultant Statistical Extension and Research Center, National Chengchi University, Taipei, Taiwan	1997 - 1998

PUBLICATIONS (PEER REVIEWED, JOURNAL)

1. Yue JC, Clayton MK, **Lin FC**. A nonparametric estimator of species overlap. *Biometrics*. 2001; 57(3):743-749. PMID: 11550923.
2. **Lin FC**, Fine JP. Pseudo martingale estimating equations for modulated renewal process models. *J. R. Statist. Soc. Ser. B*. 2009; 71(1):3-23.
3. **Lin FC**. A random effects epidemic-type aftershock sequence model. *Computational Statistics and Data Analysis*. 2011; 55(1):1610-1616. PMID: 24039322; PMCID: PMC3770286.
4. Machlus KR, **Lin FC**, Wolberg AS. Procoagulant activity induced by vascular injury determines contribution of elevated factor VIII to thrombosis and thrombus stability in mice. *Blood*. 2011; 118(14):3960-3968. PMID: 21828144; PMCID: PMC3193271.
5. Song MK, Gilet CA, **Lin FC**, MacHardy N, DeVito Dabbs AJ, Fine JP, Stalberg KD, Fuller E 3rd. Characterizing daily life experience of patients on maintenance dialysis. *Nephrology Dialysis Transplantation*. 2011; 26(11):3671-3677. PMID: 21382996; PMCID: PMC3247796.
6. Park JJ, Akazawa M, Ahn J, Beckman-Harned S, **Lin FC**, Lee K, Fine JP, Davis RT, Langevin H. Acupuncture sensation during ultrasound guided acupuncture needling. *Acupuncture in Medicine*. 2011; 29(4):257-265. PMID: 21642648; PMCID: PMC4196666.
7. **Lin FC**, Zhu J. Additive hazards regression and partial likelihood estimation for ecological monitoring data across space. *Statistics and its Interface*. 2012; 5(2):195-206. PMID: 24319528; PMCID: PMC3849836.
8. Elrefaei M, Boose K, McGee M, Tarrant TK, **Lin FC**, Fine JP, Schmitz JL. Second generation automated anti-CCP test better predicts the clinical diagnosis of rheumatoid arthritis. *Journal of Clinical Immunology*. 2012; 32(1):131-137. PMID: 22072115.
9. Lin JT, Juliano JJ, Kharabora O, Sem R, **Lin FC**, Muth S, Menard D, Wongsrichanalai C, Rogers WO, Meshnick SR. Individual Plasmodium vivax msp1 variants within polyclonal P. vivax infections display different propensities for relapse. *Journal of Clinical Microbiology*. 2012; 50(4):1449-1451. PMID: 22205791; PMCID: PMC3318509.
10. Song MK, Ward SE, **Lin FC**. End-of-life decision-making confidence in surrogates of African-American dialysis patients is overly optimistic. *Journal of Palliative Medicine*. 2012; 15(4):412-417. PMID: 22468770; PMCID: PMC3322516.
11. **Lin FC**, Zhu J. Continuous-time proportional hazards regression for ecological monitoring data. *Journal of Agricultural, Biological, and Environmental Statistics*. 2012; 17(2):163-175. PMID: 24319326; PMCID: PMC3849820.
12. Viera AJ, **Lin FC**, Hinderliter AL, Shimbo D, Person SD, Pletcher MJ, Jacobs DR Jr. Nighttime blood pressure dipping in young adults and coronary artery calcium 10-15 years later: the Coronary Artery Risk Development in Young Adults Study. *Hypertension*. 2012; 59(6):1157-1163. PMID: 22547435; PMCID: PMC3369268.
13. Gross MT, Mercer VS, **Lin FC**. Effects of foot orthoses on balance in older adults. *Journal of Orthopaedic & Sports Physical Therapy*. 2012; 42(7):649-657. PMID: 22282317.
14. Song MK, Ward SE, Hanson LC, **Lin FC**, Hamilton JB, Hladik G, Fine JP, Bridgman JC, Sun SK, Miles MS. Psychological symptoms and end-of-life decision-making confidence in surrogate decision makers of dialysis patients. *Journal of Nephrology Social Work*. 2012; 37:24-30. PMID: 25242897; PMCID: PMC4169048.

15. Cene CW, Loehr L, **Lin FC**, Hammond WP, Foraker RE, Rose K, Mosley T, Corbie-Smith G. Social isolation, vital exhaustion, and incident heart failure: Findings from the Atherosclerosis Risk in Communities Study. *European Journal of Heart Failure*. 2012; 14(7):748-753. PMID: 22588323; PMCID: PMC3380545.
16. Marchi R, Walton BL, McGary CS, **Lin FC**, Ma AD, Pawlinski R, Mackman N, Campbell RA, Di Paola J, Wolberg AS. Dysregulated coagulation associated with hypofibrinogenemia and plasma hypercoagulability: Implications for identifying coagulopathic mechanisms in humans. *Thrombosis and Haemostasis*. 2012; 108(3):516-526. PMID: 22836883; PMCID: PMC3627352.
17. Chiu CK, Ferreira J, Luo TJM, Geng H, **Lin FC**, Ko CC. Direct scaffolding of biomimetic hydroxyapatite-gelatin nanocomposites using aminosilane cross-linker for bone regeneration. *Journal of Materials Science: Materials in Medicine* 2012; 23(9):2115-2126. PMID: 22669282; PMCID: PMC3509178.
18. Geller EJ, **Lin FC**, Matthews CA. Analysis of robotic performance times to improve operative efficiency. *Journal of Minimally Invasive Gynecology*. 2013; 20(1):43-48. PMID: 23141423.
19. **Lin FC**, Cai J, Fine JP, Lai HJ. Nonparametric estimation of the mean function for recurrent event data with missing event category. *Biometrika*. 2013; 100(3):727-740. PMID: 24415792; PMCID: PMC3887139.
20. Robinson BL, Matthews CA, Palsson OS, Geller E, Turner M, Parnell B, Crane A, Jannelli M, Wells E, Connolly A, **Lin FC**, Whitehead WE. Obstetric sphincter injury interacts with diarrhea and urgency to increase the risk of fecal incontinence in women with irritable bowel syndrome. *Female Pelvic Medicine & Reconstructive Surgery*. 2013; 19(1):40-45. PMID: 23321658; PMCID: PMC3920582.
21. Song MK, **Lin FC**, Ward SE, Fine JP. Composite variables: When and How. *Nursing Research*. 2013; 62(1):45-49. PMID: 23114795.
22. Snyder EA, Caprio AJ, Wessell K, **Lin FC**, Hanson LC. Impact of a decision aid on surrogate decision-makers' perceptions of feeding options for patients with dementia. *Journal of American Medical Directors Association*. 2013; 14(2):114-118. PMID: 23273855; PMCID: PMC3563876.
23. Cene CW, Haymore LB, Dolan-Soto D, **Lin FC**, Pignone M, Dewalt DA, Wu JR, Jones CD, Corbie-Smith G. Self-care confidence mediates the relationship between perceived social support and self-care maintenance in adults with heart failure. *Journal of Cardiac Failure*. 2013; 19(3):202-210. PMID: 23482082; PMCID: PMC3596888.
24. Esther CR, Olsen BM, **Lin FC**, Fine JP, Boucher RC. Exhaled breath condensate adenosine tracks lung function changes in cystic fibrosis. *American Journal of Physiology – Lung Cellular and Molecular Physiology*. 2013; 304(7):L504-509. PMID: 23355385; PMCID: PMC3627937.
25. Narkbunnam N, Sun J, Hu G, **Lin FC**, Mihara M, Monahan PE. IL-6 receptor antagonist as adjunctive therapy with clotting factor replacement to protect against bleeding-induced arthropathy in hemophilia. *Journal of Thrombosis and Haemostasis*. 2013; 11(5):881-893. PMID: 23413986; PMCID: PMC3656980.
26. Aragam NR, Thayer KM, Nge N, Hoffman I, Martinson F, Kamwendo D, **Lin FC**, Sutherland C, Bailey JA, Juliano JJ. Diversity of T cell epitopes in plasmodium falciparum circumsporozoite protein likely due to protein-protein interactions. *PLoS ONE*. 2013; 8(5):e62427. PMID: 23667476; PMCID: PMC3646838.

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33. Cene CW, Haymore LB, Ellis DF, Whitaker S, Henderson S, **Lin FC**, Corbie-Smith G. Implementation of the Power to Prevent diabetes prevention educational curriculum into rural African American communities: A feasibility study. *The Diabetes Educator*. 2013; 39(6):776-785. PMID: 2419595; PMCID: PMC4429528.
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39. Ersek M, Sefcik JS, **Lin FC**, Lee TJ, Gilliam R, Hanson LC. Provider staffing effect on a decision aid intervention. *Clinical Nursing Research* 2014; 23(1):36-53. PMID: 23291316; PMCID: PMC4393653.

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41. Austin CA, Hanzaker C, Stafford R, Mayer C, Culp L, **Lin FC**, Chang L. Utilization of rapid response resources and outcomes in a comprehensive cancer center. *Critical Care Medicine*. 2014; 42(4):905-909. PMID: 24361969; PMCID: PMC7887929.
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46. Viera AJ, **Lin FC**, Tuttle LA, Olsson E, Stankevitz K, Girdler SS, Klein JL, Hinderliter AL. Reproducibility of masked hypertension among adults 30 years and older. *Blood Pressure Monitoring*. 2014; 19(4):208-215. PMID: 24842491; PMCID: PMC4625914.
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51. Rao VN, Sheridan SL, Tuttle LA, **Lin FC**, Shimbo D, Diaz KM, Hinderliter AL, Viera AJ. The effect numeracy level on completeness of home blood pressure reporting. *Journal of Clinical Hypertension*. 2015; 17(1):39-45. PMID: 25439279; PMCID: PMC4642178.
52. Cene CW, Haymore LB, **Lin FC**, Laux J, Jones CD, Wu JR, DeWalt D, Pignone M, Corbie-Smith G. Family member accompaniment to routine medical visits is associated with better self-care in heart failure patients. *Chronic Illness*. 2015; 11(1):21-32. PMID: 24740555; PMCID: PMC8099456.

53. Song MK, Ward SE, Fine JP, Hanson LC, **Lin FC**, Hladik GA, Hamilton JB, Bridgman JC. Advance care planning and end-of-life decision making in dialysis: A randomized controlled trial targeting patients and their surrogates. *American Journal of Kidney Diseases*. 2015; 66(5):813-822. PMID: 26141307; PMCID: PMC5972830.
54. Lawing CR, **Lin FC**, Dahners LE. Local injection of aminoglycosides for prophylaxis against infection in open fractures. *Journal of Bone and Joint Surgery*. 2015; 97(22):1844-1851. PMID: 26582614; PMCID: PMC4642229.
55. Ritchwood T, Roman M, Corbie-Smith G, Blumenthal C, Velloza J, Odulana A, **Lin FC**, Akers AY. Adolescents and parental caregivers as lay health advisers in a community-based risk reduction intervention for youth: baseline data from *Teach One, Reach One*. *AIDS Care*. 2016; 28(4):537-542. PMID: 26573538; PMCID: PMC4764414.
56. Kalich BA, Maguire JM, Campbell-Bright SL, Mehrotra A, Caffey T, Tulu Z, **Lin FC**, Carson SS. Impact of an antibiotic-specific sepsis bundle on appropriate and timely antibiotic administration for severe sepsis in the emergency department. *Journal of Emergency Medicine*. 2016; 50(1):79-88.e1. PMID: 26452597
57. Song MK, Ward SE, **Lin FC**, Hamilton JB, Hanson LC, Hladik G, Fine JP. Racial differences in outcomes of an advance care planning intervention for dialysis patients and their surrogates. *Journal of Palliative Medicine*. 2016; 19(2):134-142. PMID: 26840848; PMCID: PMC4753624.
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65. Wu CY, Chiou TJ, Liu CY, **Lin FC**, Lin JS, Hung MH, Hsiao LT, Yen CC, Gau JP, Yen HJ, Hung GY, Hsu HC, Tzeng CH, Liu JH, Yu YB. Decision-tree algorithm for optimized hematopoietic progenitor cell-based predictions in peripheral blood stem cell mobilization. *Transfusion*. 2016; 56(8):2042-2051. PMID: 27232662.

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210. Vasher ST, **Lin FC**, Carson SS, Wendlandt B. Social support mediates the 6-Month mental health-related quality of life of ICU caregivers with depressive symptoms. *Annals of the American Thoracic Society*. 2024; doi: 10.1513/AnnalsATS.202311-931RL. [Epub ahead of print] PMID: 38335008.
211. Allison BA, Ritter VS, **Lin FC**, Flower KB, Perry MF. Long-acting reversible contraception initiation among adolescents after an American Academy of Pediatrics policy statement. *JAMA Pediatrics*. 2024; 178(3):306-308. PMID: 38190303; PMCID: PMC10775076.
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214. Ko KW, Cheng CW, Hsu YJ, Chiu WP, **Lin FC**. A two-year prospective study to compare the peri-implant parameters of posterior implant-supported single crowns with and without mesial proximal contact loss. *Journal of Dental Sciences*. 2024; <https://doi.org/10.1016/j.jds.2023.11.014>.
215. Ding M, Chen H, **Lin FC**. A multi-state non-Markov framework to estimate progression of chronic disease. *medRxiv*. 2024; doi: 10.1101/2024.02.15.24302901.
216. Murray DM, Heagerty P, Troendle J, **Lin FC**, Moyer J, Stevens J, Lytle L, Zhang X, Ilias M, Masterson M, Redmond N, Tonwe V, Clark D, Mensah G. Implementation research at NHLBI: Methodological and design challenges and lessons learned from the DECIPHeR initiative. *Ethnicity and Disease*. 2023; accepted on 12/4.
217. Angelino AC, Bell J, Bell R, **Lin FC**, Qiu H, Perry MF. Cultural connection and well-being for American Indian adolescents. *American Indian & Alaska Native Mental Health Research Journal*. 2023; accepted with minor revision.
218. Allison BA, Ritter VS, Perry MF, **Lin FC**, Flower KB. Trends in continuation of long-acting reversible contraception among adolescents receiving Medicaid. 2024; revision submitted on 2/28.
219. Rapp T, Amagai K, Sinai C, Basham C, Loya M, Ngasala S, Said H, Muller MS, Chhetri SB, Yang G, Francois R, Odas M, Mathias D, Juliano JJ, **Lin FC**, Ngalasa B, Lin JT. Micro-heterogeneity of transmission shapes submicroscopic malaria carriage in coastal Tanzania. 2024; revision submitted on 4/10.
220. Paterno AV, Nash A, Lachiewicz A, Zhang J, **Lin FC**, Ostrum R. A comparison of Piperacillin-Tazobactam to conventional antibiotics for prophylaxis in Type III open fractures. 2024; in revision, updated on 4/13.
221. Hinderliter AL, **Lin FC**, Yang Y, Viera LA, Olsson E, Voora R, Viera AJ. The utility of home blood pressure load in predicting average self-measured blood pressure. 2024; in revision, updated on 3/15.
222. Griffin AC, Mentch L, **Lin FC**, Chung AE. Precision VISSTA mHealth physical activity and patient-reported outcomes in patients with inflammatory bowel diseases: Cluster analysis. 2024; in revision, updated on 3/11.
223. Suh YM, Fisher M, Hu D, **Lin FC**, Wukich D, Tennant J, Lalli T. Serum fructosamine as an indicator of perioperative complications in patients undergoing foot and ankle surgery. 2024; in revision, updated on 4/14.
224. Kistler CE, Hanson LC, Inoue M, Matsui T, Abe M, Donne ML, Kiyota A, **Lin FC**, Yang Y. Pre-post evaluation of a dementia-specific advance care planning toolkit for Japanese primary care clinicians. 2024; in revision, updated on 4/15.
225. Orr CJ, Bility M, Ritter VS, Flower KB, Perrin EM, Yin HS, Sanders LM, Rothman RL, Delamater AM, **Lin FC**, Schilling S. Daily tummy time at 2- and 4-months and healthy BMI at 24 months. 2024; submitted on 2/14.
226. Gutierrez-Wu JC, McBride JP, Pittman A, Yang Y, **Lin FC**, Flower KB. Tech + Touch: A pilot study to facilitate access to health information technology for Spanish-speaking parents. 2024; submitted on 2/18.
227. Leeman J, Rohweder CL, **Lin FC**, Lightfoot AF, Costello JM, Farahi N, Harper K, Quist-Nelson J, Teal EN, Vu MB, Wheeler S, Menard MK. Community-engaged implementation of a safety bundle for pregnancy-related severe hypertension in the outpatient setting: Protocol for a type 3 hybrid study with a multiple baseline design. 2024; submitted on 2/26.

228. Toy KA, White BR, **Lin FC**, Hu D, Fisher MD, McCartney J, Siegel JA, Chen AT. Outcomes following surgical fixation of lower extremity fractures in patients with chronic kidney disease. 2024; submitted on 4/1.
229. Dagher I, Kimple AJ, Ferkol TW, Sagel SD, Dell SD, Milla CE, Li L, **Lin FC**, Sullivan KM, Zariwala MA, Knowles MR, Rosenfeld M, Leigh MW, Davis SD, for the Genetic Disorders of Mucociliary Clearance Consortium. Progression of upper airway manifestations in primary ciliary dyskinesia throughout childhood. 2024; submitted on 4/2.

PUBLICATIONS (NON-PEER REVIEWED LETTERS, ABSTRACTS, EDITORIALS, and COMMENTARY)

1. Wang HC, Doong HS, **Lin FC**. Determinants of e-government service adoption: An innovation diffusion perspective. *2007 International Conference on Wireless Communications, Networking and Mobile Computing, WiCOM 2007*; 2007: 3453-3456.
2. Viera AJ, **Lin FC**, Shimbo D, Jacobs DR Jr. Response to is the atherosclerotic risk of extreme dipping in youth partly explained by exaggerated morning surge? *Hypertension* 2012; 60: e20-e21.
3. Berne MLZ, **Lin FC**, Wu TH, Li Y, Chien E, Ko CC. Machine learning in Orthodontics: A new approach to the extraction decision. *Machine Learning in Dentistry*. 2021; 79-90. DOI: 10.1007/978-3-030-71881-7_7.
4. Palsson OS, Tack JF, Simren M, Le Nevé B, Quinquis L, Ruddy J, Schmulson Wasserman MJ, Bangdiwala SI, Morris CB, **Lin FC**, Drossman DA. Prevalence and associated factors of bloating and distention symptoms in the general population: findings of a survey in three countries. *Gastroenterology*. 2022; 162(7):S-924-S-925. DOI: 10.1016/S0016-5085(22)62196-6.
5. Hardison R, Mirzaei M, **Lin FC**, Keen S, Simpson RJ. Poor quality underlying cause of death certification in victims of sudden death. *Journal of the American College of Cardiology*. 2023; 81(8):1800. DOI: 10.1016/S0735-1097(23)02244-1.

PUBLICATIONS (IN PREPARATION)

1. Youkhana KM, Tsujimoto TM, **Lin FC**, Pahl K, James A, Schaefer N, Clancy MS, Kasthuri RS. Hereditary Hemorrhagic Telangiectasia is associated with a higher prevalence of heavy menstrual bleeding. 2024; in preparation, updated on 3/22.
2. Yan H, Butterfield R, **Lin FC**, Bailey D, Berg J, Milko L, Paquin R, Powell C, Rini C, Lewis M. Psychological effects of parental decision making and receiving genomic sequencing results about newborns and children: A randomized controlled trial. 2024; in preparation, updated on 4/4.
3. Kennedy S, Carmack S, Li L, **Lin FC**, Hatch JE, Chan K, Tolleson-Rinehart S, Noah TL. Coaching pediatricians for wellbeing: A pilot feasibility and acceptability study. 2024; in preparation, updated on 1/29.
4. Gardner RA Davis SD, Rosenfeld M, Ferkol TW, Sagel SD, Dell SD, Milla CE, Li L, **Lin FC**, Sullivan KM, Zariwala MA, Knowles MR, Leigh MW, for the GDMCC. Therapies used by children with primary ciliary dyskinesia: A natural history study. 2024; in preparation, updated on 4/12.
5. Barber AT, Davis SD, Ferkol TW, Shapiro AJ, Atkinson J, Sagel SD, Dell SD, Olivier K, Milla C, Rosenfeld M, Li L, **Lin FC**, Sullivan KM, Zariwala MA, Knowles MR, Leigh MW, and Genetic Disorders of Mucociliary Clearance Consortium (GDMCC). Relationship between ciliary ultrastructure/genotype and neonatal respiratory distress in primary ciliary dyskinesia. 2024; in preparation, updated on 2/29.

6. Diana JC, Chauntry AJ, Cowley E, Paterson C, Struder J, Pagan-Lasalle P, Meyer ML, **Lin FC**, Moore JB, Hanson ED, Stoner L. Study protocol for investigating context-specific sedentary behaviors and cardiometabolic health in college-based young adults (CONTEXT-SB). 2024; in preparation, updated on 2/26.
7. Leone AM, Graybill LA, Li Q, **Lin FC**, Chi BH. Alignment of PrEP use HIV risk among pregnant and lactating women in Lilongwe, Malawi: A secondary analysis. 2024; in preparation, updated on 2/29.
8. Morgan CE, Edwards JK, Powers KA, Devkota A, Biju S, **Lin FC**, Schmitz J, Cloherty G, Muwonga J, Kashamuka MM, Tshefu A, Yotebieng M, Emch M, Becker-Dreps S, Parr JB, Thompson P. Characterizing hepatitis B virus infection in Congolese children and household contacts to inform elimination efforts in a resource-limited setting. 2024; in preparation, updated on 2/29.

INVITED TALKS AND LECTURES

1. “Classification of competing risk outcomes via transition likelihoods”:
 - Computational and Methodological Statistics (CMStatistics), University of Pisa, Italy, December 14-16, 2018.
 - Computational and Methodological Statistics (CMStatistics), Virtual Conference, December 19-21, 2020. (Presented by Yutong Liu)
 - Division of Biostatistics and Bioinformatics, National Health Research Institutes, Zhunan, Miaoli, Taiwan, July 25, 2023.
 - The 6th International Conference on Econometrics and Statistics (EcoSta 2023), Waseda University, Tokyo, Japan, August 2, 2023. (Presented by Huijing Jiang)
 - International Workshop: Survival Analysis for Medical and Health Data, The Institute of Statistical Mathematics, Tokyo, Japan, August 4, 2023.
2. “Classification of disease progression via recurrent biomarkers using EM algorithm”:
 - Computational and Methodological Statistics (CMStatistics), Virtual Conference, December 19-21, 2020. (Presented by Huijun Jiang)
3. “Classification of uncertain binary outcomes using biomarker information”:
 - Department of Mathematics, National Chung Cheng University, Minghsiang, Chiayi, Taiwan, May 26, 2015.
 - Division of Biostatistics and Bioinformatics, National Health Research Institutes, Zhunan, Miaoli, Taiwan, June 15, 2015.
 - Division of Biostatistics, College of Public Health, The Ohio State University, Columbus, Ohio, October 9, 2020.
4. “Analysis of cyclic recurrent event data with multiple event types”:
 - Computational and Methodological Statistics (CMStatistics), Senate House University of London, United Kingdom, December 14-16, 2019.
5. “Semiparametric estimation of modulated renewal process models and its applications”:
 - Department of Statistics, National Chengchi University, Taipei, Taiwan, September 23, 2013.
 - Institute of Statistical Science, Academia Sinica, Taipei, Taiwan, June 8, 2015.

- Department of Statistics, Kansas State University, Manhattan, Kansas, September 24, 2015.
6. “Robust analysis of semiparametric renewal process models”:
 - American Mathematical Society (AMS) Fall Southeastern Sectional Meeting, University of Louisville, Louisville, Kentucky, October 5, 2013.
 7. “Nonparametric/semiparametric estimation of the mean function for recurrent event data with missing event category”:
 - Department of Biostatistics, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina, July 14, 2011.
 - Division of Biostatistics and Bioinformatics, National Health Research Institutes, Zhunan, Miaoli, Taiwan, September 16, 2013.
 - Department of Mathematics, National Chung Cheng University, Minghsiung, Chiayi, Taiwan, September 17, 2013.
 - Institute of Statistics, National Tsing Hua University, Hsinchu, Taiwan, September 18, 2013.
 - Department of Biostatistics and Medical Informatics, University of Wisconsin-Madison, Madison, Wisconsin, January 17, 2014.
 - Department of Applied Mathematics, National Chung Hsing University, Taichung, Taiwan, June 4, 2015.
 - Department of Statistics, National Taipei University, New Taipei City, Taiwan, June 17, 2015.
 8. “Additive hazards regression and partial likelihood estimation for ecological monitoring data”:
 - Third North American Regional Meeting, The International Environmetrics Society (TIES) 2011, La Crosse, WI, July 20, 2011 (presented by Jun Zhu).
 - International Chinese Statistical Association (ICSA) 2011 Applied Statistics Symposium, New York City, NY, June 28, 2011.
 - Department of Applied Mathematics, National Chung Hsing University, Taichung, Taiwan, December 23, 2011.
 - Department of Mathematics, National Chung Cheng University, Minghsiung, Chiayi, Taiwan, December 28, 2011.
 9. “Regression modeling of modulated renewal processes”:
 - Biostatistics Research Branch (BRB), National Institute of Allergy and Infectious Diseases (NIAID), National Institutes of Health (NIH), Bethesda, MD, April 2, 2009.
 - Department of Statistics and Actuarial Science, University of Waterloo, Waterloo, Ontario, Canada, March 24, 2009.
 - Department of Preventive Medicine, Northwestern University, Chicago, IL, March 20, 2009.
 - Department of Biostatistics and Informatics, University of Colorado, Denver, CO, March 9, 2009.
 - Joint Meeting of the 2011 Taipei International Statistical Symposium and 7th Conference of the Asian Regional Section of the IASC, Taipei, Taiwan, December 18, 2011.
 - 14th Meeting of New Researchers in Statistics and Probability (15 minutes short talk), La Jolla, California, USA, July 26 - July 28, 2012.

10. Lectures to non-statisticians

- North Carolina Translational & Clinical Sciences Institute, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina, February 17, 2012.
Title: “An introduction to multistate models and disease history processes”
- Department of Global Politics and Economics, Tamkang University, Jiaoxi, Yilan, Taiwan, June 5, 2015
Title: “Selection bias, missing data, and prediction models”
- Division of Hematology and Oncology, Department of Medicine, Taipei Veterans General Hospital, Taipei, Taiwan, June 16, 2015
Title: “Working as a biostatistician: Life beyond t-tests”
- North Carolina Translational & Clinical Sciences Institute, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina, October 23, 2015.
Title: “An introduction to multistate models and disease history processes”
- Center for Health Equity Research (CHER), UNC Chapel Hill, June 6, 2018
Unit 1: “Working as a biostatistician: Life beyond t-tests”
Unit 2: “Selection bias, missing data, and imputations”
- North Carolina Translational & Clinical Sciences Institute, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina, October 25, 2019.
Title: “An introduction to multistate models and disease history processes”
- Department of Biostatistics, University of North Carolina, Chapel Hill, North Carolina, April 16, 2020
Title: “Working as a biostatistician: My life in the North Carolina Translational and Clinical Science Institute (NC TraCS)”

CONTRIBUTED PRESENTATIONS

1. Li LA, **Lin FC**, Tseng GC. A criterion to find the optimal size in tight clustering. Joint Statistical Meetings, Minneapolis, Minnesota, USA, 2005.
2. **Lin FC**, Lai HJ. Persistent versus worsening malnutrition during age 6 to 10 years and lung disease outcomes in children with CF (poster). The 22nd Annual North American Cystic Fibrosis Conference, Orlando, Florida, USA, 2008.
3. **Lin FC**. A random effect Epidemic-Type Aftershock Sequence (ETAS) model. Joint Statistical Meetings, Washington, DC, USA, 2009.
4. **Lin FC**, Cai J, Fine JP, Lai HJ. Nonparametric estimation of the mean function for recurrent event data with missing event category. ENAR Spring Meeting, Washington, DC, USA, 2012.
5. **Lin FC**. A semiparametric epidemic-type aftershock sequence model and its efficiency bounds. Joint Statistical Meetings, San Diego, California, USA, 2012.
6. **Lin FC**, Truong Y, Fine JP. Robust analysis of semiparametric renewal process models. Joint Statistical Meetings, Boston, MA, USA, 2014.
7. **Lin FC**, Qiefeng Li. Classification of uncertain binary outcomes using biomarker information. Joint Statistical Meetings, Chicago, IL, USA, 2016.
8. **Lin FC**, Li Y, Thota S, Mirzaei M, Joodi G, Simpson RJ Jr. Identification of sudden death from death certificates using machine learning algorithms. American Public Health Association (APHA) 2020 Annual Meeting and Expo, Virtual Conference, Oct. 24-28.

9. Jiang H, Li Q, Lin JT, Lin FC. Classification of competing risks under a semiparametric density ratio model with transition of markers. Joint Statistical Meetings, Toronto, Ontario, Canada, 2023. (Presented by Huijing Jiang)

GRANT AND OTHER RESEARCH SUPPORT (ONGOING)

1. U48 DP006400 (Ammerman) 09/2019–09/2024
Centers for Disease Control
Center for Health Promotion and Disease Prevention
2. R01 HL142879 (Taylor) 12/2019–11/2024
National Heart, Lung and Blood Institute
Molecular Control of Cardiomyocyte Mitophagy by the RhoGAP GRAF1
3. R01 HL150909 (Corbie-Smith) 01/2020–12/2024
National Heart, Lung and Blood Institute
Implementation of EMR-Integrated Referrals to Link Clinical and Community Services to Reduce Health Inequity
4. K08 AI148607 (Thompson) 06/2020–05/2025
National Institute of Allergy and Infectious Diseases
Characterizing Hepatitis B Transmission in Congolese Children
5. R01 AG065394 (Hanson) 09/2020–05/2025
National Institute on Aging
Palliative Care for Persons with Late-stage Alzheimer's and Related Dementias and their Caregivers: a Randomized Clinical Trial
6. R01 AI157859 (Chi) 04/2021–03/2026
National Institute of Allergy and Infectious Diseases
Optimizing PrEP Regimens for Pregnant Women in Sub-Saharan Africa
7. U01 AI162457 (Duncan) 07/2021–04/2026
National Institute of Allergy and Infectious Diseases
Planning the Utilization of Human Challenge with Neisseria Gonorrhoeae for Vaccine Testing
8. R01 HL160046 (Flick) 09/2021–07/2025
National Heart, Lung and Blood Institute
Mechanisms Linking the Plasminogen/fibrinogen Axis to the Pathogenesis of COVID-19
9. R01 ES032544 (Moran) 12/2021–11/2026
National Institute of Allergy and Infectious Diseases
Role of the Indoor Exposome in Peanut Allergy Development
10. R01 HL157187 (Hanson) 03/2022–02/2026
National Heart, Lung and Blood Institute
Sitting Interruption and Whole-body Cardiovascular Health: Linking Physiological Responses to Risk Behaviors
11. R01 HL162805 (Hanson) 06/2022–05/2026
National Heart, Lung and Blood Institute
Cardiometabolic Disease Prevention in College-based Young Adults: Mapping a Contextual Sedentary Behavior Intervention

12. R01 AI169602 (Dennis) 07/2022–06/2027
National Institute of Allergy and Infectious Diseases
Rapid Response to Incident HIV Infection through Social Network Strategies and Molecular Epidemiology to Inform Partner Services
13. R21 TR003860 (Ferkol) 07/2022–06/2024
National Center for Advancing Translational Sciences
Characterizing Respiratory Exacerbations in Primary Ciliary Dyskinesia
14. OT2HL158287 (Lipman) 09/2022–09/2027
Westat, Inc./Prime: NIH
Advancing Community and Clinical Care for Childbirth-related Hypertension: Implementation, Engagement and Valuing Equity (ACHIEVE)
15. UM1TR004406 (Buse) 04/2023–03/2030
National Center for Advancing Translational Sciences
North Carolina Translational and Clinical Sciences Institute (NC TraCS) – UNC Clinical and Translational Science Award
16. R01 HL126974 (Wolberg) 07/2020–06/2024
National Institutes of Health
Fibrinogen and Factor XIII in Venous Thrombosis
17. U54 HL096458 (Davis) 08/2019–07/2024
National Heart, Lung and Blood Institute
Genetic Disorders of Mucociliary Clearance
18. U24 HL151308 (Stevens) 09/2020–08/2027
National Heart, Lung and Blood Institute
Coordinating Center for the DECIPHeR Network

GRANT AND OTHER RESEARCH SUPPORT (COMPLETE IN RECENT 3 YEARS)

1. Not Assigned (Wikstrom) 05/2022–05/2023
Academy of Orthopaedic Physical Therapy
The Impact of Real-World Vibration Gait Retraining on Gait Biomechanics in People with Chronic Ankle Instability
2. Not Assigned (Lin) 08/2021–07/2023
Rome Foundation
Rome Foundation Research Institute: Biometry Core Research Agreement
3. R01 AI137395 (Lin) 06/2018–05/2023
National Institute of Allergy and Infectious Diseases
Determinants of Malaria Transmission by Submicroscopic Gametocytemia
4. UL1 TR002489 (Buse) 03/2018–02/2023
National Center for Advancing Translational Sciences
North Carolina Translational and Clinical Science Institute (NC TraCS) - Biostatistics, Epidemiology, and Research Design (BERD)
5. U01 HG006487 (Berg) 8/1/17–5/31/22
National Human Genome Research Institute
North Carolina Clinical Genomic Evaluation by Next-gen Exome Sequencing 2

6. K08 ES029118 (Moran) 5/15/19–4/30/22
National Institute of Environmental Health Sciences
The Role of Neuropilin-2 in Regulating Environmental Airways Injury
7. 2020-207-038 (Carson) 1/14/20–1/13/22
Society of Critical Care Medicine PTSD Trajectories in ICU Family Caregivers: A Pilot Study
8. R34 AI148072 (Duncan) 8/5/20–7/31/21
National Institute of Allergy and Infectious Diseases
Planning the Utilization of Human Challenge with Neisseria Gonorrhoeae for Vaccine Testing
9. R21 AT009704 (Hanson) 3/1/18–1/31/21
National Center for Complementary & Integrative Health
Neuromuscular Mechanisms of Manual Therapies in Chronic Ankle Instability Patients

TEACHING

1. Instructor

- BIOS 680 Introductory Survivorship Analysis
Department of Biostatistics, University of North Carolina at Chapel Hill
Spring 2022
- BIOS 661/673/740 Probability and Statistical Inference II
Department of Biostatistics, University of North Carolina at Chapel Hill
Spring 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2023, 2024
- BIOS 842 Practice in Statistical Consulting
Department of Biostatistics, University of North Carolina at Chapel Hill
Fall 2019, 2020
Spring 2021
Summer 2018, 2019, 2020
- BIOS 693H/694H Honors Research in Biostatistics
Department of Biostatistics, University of North Carolina at Chapel Hill
Fall 2018, 2022
Spring 2019, 2023

2. Guest Lecturer

- BIOS 841 Statistical Consulting
Department of Biostatistics, University of North Carolina at Chapel Hill
March 25, 2014

3. Teaching Assistant

- Introduction to Biostatistical Methods for Public Health
Department of Biostatistics and Medical Informatics, University of Wisconsin-Madison
Fall 2005
- Simulation Method
Department of Statistics, National Chengchi University, Taipei, Taiwan
Fall 1998
- Advanced Statistics
Department of Business Administration, National Chengchi University, Taipei, Taiwan
Spring 1998

GRADUATE COMMITTEE ACTIVITY**1. PhD Committee, Chair**

- Department of Biostatistics, University of North Carolina at Chapel Hill
Huijun (Jean) Jiang 2024

2. PhD/DrPh Committee, Member

- Department of Biostatistics, University of North Carolina at Chapel Hill
 - Yen Chang 2023-present
 - Lang Li 2024
 - Minxin Lu 2024
 - Joshua Rutsohn 2023
 - Siyeon Kim 2023
 - Kushal Shah 2023
 - Ying Zhang 2023
 - Tamy Moraes Tsujimoto 2022
 - Gilson Honvoh 2022
 - Yutong Liu 2022
 - Victor Ritter 2021
 - Busola Sanusi 2021
 - Arkopal Choudhury 2020
 - Reuben Adatorwovor 2020
 - Crystal Thuy-Tien Nguyen 2019
 - Jung In Kim 2017
 - Natalia Gouskova 2014
- Quantitative Psychology, University of North Carolina at Chapel Hill
 - Lan Luo 2024
- Department of Epidemiology, University of North Carolina at Chapel Hill
 - Jack Murphy 2021
 - Meagan Vaughn 2013
- Carolina Health Informatics Program, University of North Carolina at Chapel Hill
 - Ashley Griffin 2021

3. Master, Advisor

- Department of Biostatistics, University of North Carolina at Chapel Hill
 - Yexuan Jiang 2024
 - Li Jiang 2024
 - Haiyi Chen 2024
 - Bojun Zhang 2023
 - Kexin Sun 2023
 - Yumei Yang 2023
 - Huaying Qiu 2022

Haoming Zhang	2021
Yajing Hao	2021
Jingru (Jessie) Zhang	2021
Yi Tang Chen	2020
Huijun (Jean) Jiang	2020
David Bang	2020
Paridhi Ranadive	2020
Jeremy Saxe	2019
Gloria Kim	2019
Yi Li	2018
Jimin Kim	2018
Nicholas Perrone	2018
Junheng Gao	2017
Rongrong Qu	2016
Eunyoung Angela Lee	2016
Derek Marsh	2016

4. Master Committee, Member/Reader

- Department of Biostatistics, University of North Carolina at Chapel Hill

Liyuan Zhou	2021
Qianhui Yang	2021
Yueting Wang	2020
Crystal Thuy-Tien Nguyen	2017
- Department of Orthodontics, University of North Carolina at Chapel Hill

Phil Hamilton	2020
Matthew Pastewait	2020
Catherine Campbell	2020
Christian Piers	2019
Laura Jacox	2019
Mary Zaytoun	2019
Brian Bragassa	2018
Bryan Whitecotton	2017
Chris Gibson	2016
Camille Guez	2015
Hsin Chen	2014

5. BSPH Committee, Chair

- Department of Biostatistics, University of North Carolina at Chapel Hill

Skyler Noble (Highest Honor)	2023
Yunhan Wu (Highest Honor)	2019

STUDENTS/POSTDOCS SUPERVISED IN COLLABORATIONS

1. Postdoctoral Research Associate

- NC Translational and Clinical Sciences (TraCS) Institute, University of North Carolina at Chapel Hill
Jeff Laux 2013–2015

2. Graduate Students

- Department of Biostatistics, University of North Carolina at Chapel Hill

Haiyi Chen	2023–present
Li Jiang	2023–present
Madhuri Raman (50% with Stevens U24 and 50% with Hanson R01)	Fall, 2023–present
Qinghua Li (100% with Chi R01)	Fall, 2023–present
Wenyi Xie (100% with Batsis)	Fall, 2023–present
Yexuan Jiang (100% with Van Duin)	Fall, 2023–present
Yumei Yang (50% with Pediatrics and 50% with Hanson R01)	2022–present
Jipcy Carolina Amador Sulbaran (100% with SRC)	2021–present
Lang Li (50% with Pediatrics)	2020–present
Huijun (Jean) Jiang (50% with ACHIEVE and 50% with NC TraCS)	2019–2024
Di Hu (50% with Orthopedics until spring, 2023)	2021–2023
Kevin Wang (50% with Chi R01 and 50% with Stoner R01 until August)	2022–2023
Huaying Qiu	2021–2022
Tamy Moraes Tsujimoto	2020–2022
Yajing Hao	2020–2022
Haoming Zhang	2021
Jingru (Jessie) Zhang	2020–2021
Victor Ritter	2020–2021
Jace Albert	2020
Yi Tang Chen	2019–2020
Eric van Buren	2016–2020
Jeremy Saxe	2018–2019
Jimin Kim	2017–2018
Hunyong Cho	2017
Wansuk Choi	2016–2017
Taofik Olatunji Oyekunle	2015–2016
Wenxiao Wu	2015–2016
Jung In Kim	2014–2015
Andy Ni	2013

3. Research Assistant

- Institute for Global Health and Infectious Diseases (IGHID), University of North Carolina at Chapel Hill
Guozheng Yang 2022–2024

UNDERGRADUATE/HIGH SCHOOL STUDENTS/INTERN SUPERVISED

1. Undergraduate Students

- University of North Carolina at Chapel Hill
 - Valen Zhang (Biostatistics) 2022-2023
 - Bella Qian (Biostatistics) 2021-2022
 - Liam Pongracz (Biostatistics) 2021-2022
 - Jason Zhang (Biostatistics) 2020-2022
 - Jackson Davis (Statistics and Operational Research) 2020
 - Yunhan Wu (Biostatistics) 2017-2019
 - Jeremy Chao (Statistics and Operational Research) 2017

2. High School Students

- Roman Liu (Union High School, Camas, WA) 2019
- Brian Liu (Green Hope High School, Cary, NC) 2017

DEPARTMENTAL SERVICE

- IMPACT trial advisory board (PI, Noel Brewer) 2024-present
- UNC Scientific Review Committee (Member) 2021-present
- Master Exam Committee (Chair), Department of Biostatistics, University of North Carolina at Chapel Hill 2019-present
- Awards Committee (Member), Department of Biostatistics, University of North Carolina at Chapel Hill 2015-present
- RDCRN Stats/Epi Special Interest Group (Co-Chair) 2022-2023
- Interim Deputy Director, Biostatistics, Epidemiology and Research Design (BERD), NC Translational and Clinical Sciences (TraCS) Institute August 2019-December 2019
- Faculty Search Committee (Chair), Department of Orthodontics/Biomedical Research Imaging Center (BRIC), University of North Carolina at Chapel Hill 2018
- Department Seminar Committee (Co-Chair), Department of Biostatistics, University of North Carolina at Chapel Hill 2014-2015
- Comprehensive Exam Applied Subcommittee (Member), Department of Biostatistics, University of North Carolina at Chapel Hill 2013-2014
- Master Exam Committee (Member), Department of Biostatistics, University of North Carolina at Chapel Hill 2014-2018

PROFESSIONAL SERVICE

- Statistics Editor: *Genetics in Medicine* (2012 - 2018)
- Conference committee:

- Lifetime Data Science (LiDS) Conference, Raleigh, United States of America, May 31-June 2, 2023
- Conference section organizer:
 - Computational and Methodological Statistics (CMStatistics), Virtual Conference, December 19-21, 2020
 - Computational and Methodological Statistics (CMStatistics), Senate House University of London, United Kingdom, December 14-16, 2019
- Referee service (Statistics): *Annals of Statistics*, *Annals of Applied Statistics*, *Journal of the American Statistical Association (JASA)*, *Journal of the Royal Statistical Society, Series B (JRSSB)*, *Biometrics*, *Statistics in Medicine*, *Journal of Multivariate Analysis*, *Lifetime Data Analysis*, *Computational Statistics and Data Analysis*, *Environmental and Ecological Statistics*, *Mathematics and Computers in Simulation*, *Communications in Statistics - Case Studies & Data Analysis*
- Referee service (Medicine/Public Health): *American Journal of Chinese Medicine*, *BMC Medical Research Methodology*, *Circulation: Cardiovascular Quality and Outcomes*, *Complementary Therapies in Medicine*, *PLoS One*, *Trial*, *Frontier in Pediatrics*
- Convener: North Carolina-Taiwan Professional and Scholar Society (NCT-PASS), 2021

PROFESSIONAL SOCIETY MEMBERSHIP

- American Statistical Association (ASA), 2009 – present
- America Public Health Association (APHA), 2020 – 2022
- International Biometric Society - Eastern North American Region (ENAR), 2012
- International Chinese Statistical Association (ICSA), 2011

ACADEMIC HONORS AND AWARDS

- Delta Omega, Honorary Society in Public Health, 2019
- Departmental Teaching Innovation Award, UNC Gillings School of Public Health, 2019
- Finalist, Milton W. Hamolsky Awards, The Society of General Internal Medicine (SGIM) 33rd Annual Meeting, Minneapolis, Minnesota, USA, 2010, abstract and oral presentation by Cene CW, **Lin FC**, Loehr L, Powell-Hammond W, Foraker R, Rose K, Mosley T, Corbie-Smith G.
- Study Abroad Scholarship, Ministry of Education, Taiwan, 2005-2006

COMMUNITY SERVICE

- Board of Directors, North Carolina Raleigh Chinese Language School, 2013-2015, 2021-2023
- Vice principal, North Carolina Raleigh Chinese Language School, 2012-2013, 2015-2016

- Principal, North Carolina Raleigh Chinese Language School, 2011-2012

North Carolina Raleigh Chinese Language School (NCRCLS) is a registered non-profit organization founded in 1977. It specialized in teaching Mandarin and traditional Chinese characters. The school now offers 20 language classes and 12 culture classes for 200 students.

Visit us at <https://sites.google.com/ncrcls.education/webdir/home>