JING ZHOU

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EDUCATIONAL AND BIOGRAPHICAL INFORMATION

The University of North Carolina at Chapel Hill (UNC), *NC, USA*

- Ph.D., Biostatistics, 2009- 2014

University of Waterloo, *Ontario, Canada*

- M.S., Statistics, 2008

Shanghai University of Finance & Economics, *Shanghai, China*

- B.S., Mathematical Statistics, 2007

PROFESSIONAL POSITIONS

Kaiser Permanente Washington Health Research Institute, *Seattle, WA, USA*
Biostatistician III, 2021- present
Biostatistician II, 2017- 2021

Genentech, *South San Francisco, CA, USA*
Statistical Scientist, 2014- 2017
Summer Intern, May- Aug. 2013

Merck, *Rahway, NJ, USA*
Summer Intern, June- Aug. 2012

Collaborative Studies Coordinating Center, Department of Biostatistics, UNC-Chapel Hill, *NC, USA*
Statistical programmer, 2011- 2012

Department of Biostatistics, UNC-Chapel Hill, *NC, USA*
Graduate Research Assistant, 2009- 2011

Department of Civil & Environmental Engineering, University of Waterloo, *ON, Canada*
Statistician **(full-time)**, 2008- 2009

PROFESSIONAL HONORS

- Delta Omega, 2014
- ENAR Distinguished Student Paper Award, 2014
- Winner of ASA Biopharmaceutical Section Student Paper Awards, 2013
- NSF Travel Award, 9th Workshop on Bayesian Nonparametrics (BNP), 2013
- UNC Biostatistics Department Travel Award, Spring 2013, Fall 2013
- Max Halperin Scholarship, Department of Biostatistics, UNC-Chapel Hill, 2010, 2011
- Statistics and Actuarial Science Chair's Award, University of Waterloo, Winter 2008, Spring 2008
- University of Waterloo Graduate Scholarship, University of Waterloo, Winter 2008, Spring 2008
- Outstanding Graduate of SUFE, Shanghai University of Finance & Economics, 2007
- 1st place in Shanghai & 2nd place in China,
  China Undergraduate Mathematical Contest in Modeling (CUMCM), China, 2006
- National Scholarship, Shanghai University of Finance & Economics, 2003-2007
- People's Scholarship, Shanghai University of Finance & Economics, 2003-2007

PUBLICATIONS

Published:

Collaboration papers:

1. **Zhou J,** Walker RL, Gray SL, Marcum ZA, Barthold D, Bowen JD, McCormick W, McCurry SM, Larson EB, Crane PK. (2021). "Glucose-dementia association is consistent over blood pressure/antihypertensive groups". *Journal of Alzheimer's Disease* **80**: 79-90. PMID: 33554906.

2. Klasnja P, Rosenberg DE. **Zhou J,** Anau J, Gupta A., Arterburn DE. (2020) "A quality-improvement optimization pilot of BariFit, a mobile health intervention to promote physical activity after bariatric surgery", *Translational Behavioral Medicine*. doi:10.1093/tbm/ibaa040

3. Barnes DE, **Zhou J**, Walker R, Lee SJ, Boscardin WJ, Marcum Z, Larson EB, Dublin S. (2020). "Development and Validation of eRADAR: A Tool Using EHR Data to Detect Unrecognized Dementia", *Journal of the American Geriatrics Society* **68:**103-111.

4. Soria, J.C., Adjei, A.A., Bahleda, R., Besse, B., Ferte. C., Planchard, D., **Zhou, J.,** Ware, J., Morrissey, K., Shankar, G., Lin, W., Schutzman, J., Dy, G.K., Groen, H.J.M. (2017). "A phase IB dose-escalation study of the safety and pharmacokinetics of pictilisib in combination with either paclitaxel and carboplatin (with or without bevacizumab) or pemetrexed and cisplatin (with or without bevacizumab) in patients with advanced non-small cell lung cancer", *European Journal of Cancer* **86:** 186 - 196

5. Leong, S., Moss, R.A., Bowles, D.W., Ware, J., **Zhou, J.,** Spoerke, J.M., Lackner, M.R., Shankar, G., Schutzman, J., van der Noll, R., Voest, E.E., Schellens, J.H.M.(2017). "A Phase I Dose-Escalation Study of the Safety and Pharmacokinetics of Pictilisib in Combination with Erlotinib in Patients with Advanced Solid Tumors", *The Oncologist* **22(12),** 1491-1499.

6. Vuylsteke, P., Huizing, M., Petrakova, K., Roylance, R., Laing, R., Chan, S., Abell, F., Gendreau, S., Rooney, I., Apt, D., **Zhou, J.,** Singel, S., Fehrenbacher, L. (2016). "Pictilisib plus paclitaxel for the treatment of hormone receptor-positive, HER2-negative, locally recurrent, or metastatic breast cancer: interim analysis of the multicentre, placebo-controlled, phase II randomised PEGGY study", *Annals of Oncology* **27(11):** 2059-2066.

7. Zhang, S., Barros, S., Moretti, A., Yu, N., **Zhou, J.**, Preisser, J., Niculescu, M.,Offenbacher, S.(2013). "Epigenetic Regulation of TNFA Expression in Periodontal Disease", *Journal of Periodontology* **84(11)**: 1606-1616.

Methods papers:

8. **Zhou, J.,** Herring, A.H., Dunson, D.B. (2016). "Nonparametric Bayes modeling for case control studies with many predictors", *Biometrics **72**:* 184–192.

9. **Zhou, J.,** Bhattacharya, A., Herring, A.H., Dunson, D.B. (2015). "Bayesian Factorizations of Big Sparse Tensors", *Journal of the American Statistical Association* **110(512):** 1562-1576.

10. **Zhou, J.**, Adewale A., Shentu Y., Liu J., Anderson K. (2014). "Information-Based Sample Size Re-Estimation in Group Sequential Design for Longitudinal Trials", *Statistics in Medicine* **33.22:** 3801-3814.

In press:

11. Rosenberg DE, Greenwood-Hickman MA, **Zhou J**, Cook AJ, Walsh-Bailey C, Cooper J, Arterburn D, Kerr J, Owen N, Dunstan D, Green BB, McClure J (2021). "Protocol for a Randomized Controlled Trial of Sitting Reduction in Older Adults with Obesity to Improve Cardiometabolic Health"

CONTINUING EDUCATION COURSES:

1. Deep Learning for NLP part I&II, *Stanford Summer Workshop,* Aug 12,13,18,20, 2021

2. Causal Inference with Observational Data; Time Series Analytics, *Univ. of Texas Austin Summer Statistics Institute*, May 24-27, 2021

3. Introduction to Reinforcement Learning; Natural Language Processing at Scale, *Spark + AI Summit*, June 22-26, 2020

4. Text Mining with Tidy Data Principles; Data Visualization: Principles and Applications in R, Tableau, and Python, *Symposium on Data Science and Statistics*, Bellevue, WA, May 29, 2019

5. Big Data, Data Science, and Deep Learning for Statisticians, *Conference on Statistical Practice*, New Orleans, LA, Feb. 14, 2019

6. Targeted Learning for Data Adaptive Causal Inference in Observational and Randomized Studies, *3rd Seattle Symposium on Health Care Data Analytics: Learning from Health Care Data to Improve Patient Outcomes and Public Health*, Seattle, WA, Oct 22, 2018

7. Joint Modeling of Longitudinal and Time-to-Event Data; Data science workflows using R and Spark, *JSM*, Vancouver, BC, Jul 28-29, 2018

8. Data Wrangling with R; Supervised and Unsupervised Methods for Statistical Machine Learning; Visualization of Biomedical Big Data, *5th Annual Summer Institute in Statistics for Big Data*, Seattle, WA, Jul11-13, 18-27, 2018

COMPUTING

R, SAS, Python