

# CURRICULUM VITAE

ZHEZHEN JIN

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## PREPARATION DATE

June 2016

## EDUCATION

1998 Ph.D. in Statistics, Columbia University, New York, NY  
1994 M.A. in Applied Mathematics, University of Southern California, Los Angeles, CA  
1992 M.S. in Probability and Statistics, Nankai University, Tianjin, P. R. China  
1989 B.S. in Mathematical Statistics, Nankai University, Tianjin, P. R. China

## POSTDOCTORAL TRAINING

09/1998–08/2000 Department of Biostatistics, Harvard School of Public Health, Boston, MA

## EXPERIENCE

01/2016–present **Professor of Biostatistics** (tenured), Department of Biostatistics, Mailman School of Public Health, Columbia University, New York, NY  
07/2007–12/2015 **Associate Professor of Biostatistics** (tenured), Department of Biostatistics, Mailman School of Public Health, Columbia University, New York, NY  
09/2000–06/2007 **Assistant Professor of Biostatistics**, Department of Biostatistics, Mailman School of Public Health, Columbia University, New York, NY  
03/2005 **Visiting Professor**, Department of Statistics and Actuarial Sciences, Simon Fraser University, Vancouver, Canada  
03/2004 **Visiting Professor**, Department of Mathematics, Hong Kong University of Science and Technology, Hong Kong  
09/1998–08/2000 **Senior Statistician**, Center for Biostatistics in AIDS Research, Harvard School of Public Health, Boston, MA  
01/1998–05/1998 **Instructor**, Department of Statistics, Columbia University, New York, NY  
06/1996–09/1997 **Statistical Consultant**, Belmont Research Inc., Cambridge, MA

## HONORS AND DISTINCTIONS:

2011 **Elected Fellow** of the American Statistical Association

2007 **Keynote speaker** for the Fifth ASA–Connecticut Chapter Mini-Conference, New Haven, CT

2003 **Dean’s Report**, Mailman School of Public Health, Columbia University, New York, NY

2002–2007 **Career Award**, National Science Foundation, USA

2001 “*Statistica Sinica*” **Editors Special Invited Presentation**

Applied Statistics Symposium of International Chinese Statistical Association, Chicago, IL.

Title: *A nonparametric empirical Bayes approach to checking goodness of fit for Andersen-Gill model with multiple event-time data*

1994–1998 **Faculty Fellowship**, Columbia University, New York, NY

## TEACHING AND MENTORSHIP

### Teaching:

PH P8116, Design of Medical Experiments: Spring 2014, Spring 2015, Spring 2016

PH P8160, Topics in Statistical Computing: Fall 2011, Spring 2012, Spring 2013

G6107/PH P9109, Statistical Inference: Fall 2001, Fall 2002, Fall 2003, Fall 2004, Fall 2005, Fall 2006, Fall 2007, Fall 2008, Fall 2009, Fall 2010

G6108/PH P9110, Statistical Inference: Spring 2002

W4315/PH P8111, Linear Regression Models: Spring 2001

Statistics W1211, Introduction to Statistics B: Spring 1998

### Invited Lecture

Summer 2008: Survival analysis, Northeast Normal University, Changchun, Jilin, China

### Mentorship:

#### Doctoral Students:

Malangone-Monaco, Elisabetta, (DrPH, in progress).

Leoce, Nicole, (DrPH, graduated 2016, co-advised with Mary Beth Terry)

Wang, Yi (Ph.D., graduated 2013), Novartis Pharmaceutical Inc., East Hanover, NJ

Thesis: *Sample size calculation with semiparametric analysis of long term and short term hazards*

Huang, Lin (Ph.D., graduated 2008), Boston Children’s Hospital, Boston, MA

Thesis: *Sequential analysis with linear transformation model for right censored Data*

Yang, Yuqing (Ph.D., graduated 2005), Senior Biostatistician, Amgen Inc.

Thesis: *Some Statistical Methods for Diagnostic Accuracy with Correlated Data*

John Van Ryzin Memorial Award, Department of Biostatistics, Columbia University

**Visiting Ph.D. Students:** Ziqiang Zhao (09/2011–08/2012), Department of Statistics, Fudan University, Shanghai, China.

**Fogarty Fellow:** Cathy Connolly, Senior Scientist Biostatistics Unit, Medical Research Council/Natal (04/01/2002–06/30/2002)

**Ph.D. Oral Comprehensive Exam Committee Member:**

Leoce, Nicole (2014), Department of Biostatistics, Columbia University, New York, NY

Zhang, Enhao (2014), Division of Biostatistics, Department of Population Health, New York University School of Medicine, New York, NY

Huang, Tzu-Jung (2013), Department of Biostatistics, Columbia University, New York, NY

Chang, Hsin-Wen (2011), Department of Biostatistics, Columbia University, New York, NY

Zhang, Junyi (2011), Department of Statistics, Columbia University, New York, NY

Zhang, Wenfei (2009), Department of Biostatistics, Mailman School of Public Health, Columbia University, New York, NY

Paik, Jane (2008), Department of Statistics, Columbia University, New York, NY

Li, Zhigang (2008), Department of Biostatistics, Mailman School of Public Health, Columbia University, New York, NY

Zhang, Yulei (2007), Department of Biostatistics, Mailman School of Public Health, Columbia University, New York, NY

Xu, Qiang (2006), Department of Biostatistics, Mailman School of Public Health, Columbia University, New York, NY

Zhang, Hui (2005), Department of Biostatistics, Mailman School of Public Health, Columbia University, New York, NY

Tu, Yi-Hsuan (2004), Department of Biostatistics, Mailman School of Public Health, Columbia University, New York, NY

Wang, Cuiling (2004), Department of Biostatistics, Mailman School of Public Health, Columbia University, New York, NY

Chang, Chung (2004), Department of Biostatistics, Mailman School of Public Health, Columbia University, New York, NY

**Dissertation Committee Member:**

Huijing Wang (2015), Department of Actuarial Science and Statistics, Simon Fraser University, Vancouver, Canada

Thesis Title: *Statistical Inference under Latent Class Models, with Application to Risk Assessment in Cancer Survivorship Studies*

Zhang, Junyi (2013), Department of Statistics, Columbia University, New York, NY

Thesis Title: *Estimation and Testing Methods for Monotone Transformation Models*

Zhang, Yulei (2011), Department of Biostatistics, Mailman School of Public Health, Columbia University, New York, NY

Thesis Title: *Sparse Selection in Cox Models with Functional Predictors*

- Sha, Nanshi (2011) Department of Biostatistics, Mailman School of Public Health, Columbia University, New York, NY  
Thesis Title: *On Testing the Change-point in the Longitudinal Bent Line Quantile Regression Model*
- Huang, Chia-Hui (2010) Department of Statistics, Columbia University, New York, NY  
Thesis Title: *Semiparametric Stochastic Modeling for Epidemic Data*
- Li, Zhigang (2010), Department of Biostatistics, Mailman School of Public Health, Columbia University, New York, NY  
Thesis Title: *Power under Local Alternatives for Generalized Estimating Equations with Applications to Sibling Studies*
- Paik, Jane (2009) Department of Statistics, Columbia University, New York, NY  
Thesis Title: *Semiparametric inference of survival data subject to length-biased sampling and spatial correlation*
- Xu, Qiang (2008), Department of Biostatistics, Mailman School of Public Health, Columbia University, New York, NY  
Thesis Title: *Existing Approaches and a New Weighted Method for Cox Regression in the Presence of Missing Covariates*
- Chang, Chung (2007), Department of Biostatistics, Mailman School of Public Health, Columbia University, New York, NY  
Thesis Title: *Statistical Analysis for Neuro-Imaging Data*
- Zhang, Hui (2007), Department of Biostatistics, Mailman School of Public Health, Columbia University, New York, NY  
Thesis Title: *Handling Missing Data in Regression without Specifying Auxiliary Models*
- Tu, Yi-Hsuan (2006), Department of Biostatistics, Mailman School of Public Health, Columbia University, New York, NY  
Thesis Title: *Simple Confidence Bounds by Alpha-splitting Procedure in Dose-finding Studies*
- Chen, Tai-Tsang (2006), Department of Biostatistics, Mailman School of Public Health, Columbia University, New York, NY  
Thesis Title: *Assessing Repeated Diagnostic Test Accuracy with Samples Subject to Selection Bias*
- Wang, Cuiling (2004), Department of Biostatistics, Mailman School of Public Health, Columbia University, New York, NY  
Thesis Title: *Regression Analysis with Missing Data*
- Wu, Ya-Chi (2004), Department of Biostatistics, Mailman School of Public Health, Columbia University, New York, NY  
Thesis Title: *Linear Regression with Incomplete Dependent Variables*
- Thompson, Wesley (2003), Department of Statistics, Rutgers, The State University of New Jersey, Piscataway, NJ  
Thesis Title: *Transformation and Selection of Covariates using Generalized Estimating Equations*
- Lu, Hao (2001), Department of Statistics, Columbia University, New York, NY  
Thesis Title: *Topics in Bayesian and Computational Statistics*

### **Master Students:**

DeSantis, Stacia (2000); Lu, Yimeng (2001); Xu, Qiang (2002); Chen, Yu (2003); Daniels, Anna (2004); Lee, Oliver (2004); Chen, Yakuan (2011); Liu, Binyi (2013); Li, Hongjin (2013); Hsu, Wei-Chun (2013); Luo, Yiwen(2014); Ma, Yu (2014).

**2006-present:** participate in R25 cancer training grants in Department of Epidemiology

### **PROFESSIONAL MEMBERSHIP**

Lifetime membership: *Institute of Mathematical Statistics (IMS)*, *International Chinese Statistical Association (ICSA)*

Membership: *American Statistical Association (ASA)*, *International Biometric Society in Eastern North American Region (ENAR)*

### **UNIVERSITY/DEPARTMENT SERVICE**

Chair of Curriculum Committee: 2014-present

Member of Faculty Recruitment Committee: 2014-present

Reviewer for CTSA TRANSFORM KL2 Mentored Career Development Award, 2014

Member of Committee on Task Force on Roles, Responsibilities, and Financial Assurances to Tenured Faculty, 2013

Columbia University Cancer Center Institutional Review Board, 2005-2012

Colloquium organizer: academic year 2004-2005

Chair of Doctoral admission committee (Ph.D. and DrPH): 2003-2008

Chair of Doctoral qualifying exam committee: 2002-2007

Member of Doctoral admission committee (Ph.D. and DrPH): 2001-2002, 2009-present

Member of Doctoral qualifying exam committee (Ph.D. and DrPH): 2008-2015

### **PROFESSIONAL SERVICES**

#### **Editorial Service**

2015- a founding Editor-in-Chief, *Contemporary Clinical Trials Communications*

2011-present, Associate Editor, *Contemporary Clinical Trials*

2010-present, Associate Editor, *Lifetime Data Analysis*.

2013-present, Associate Editor, *Communications for Statistical Applications and Methods*.

2012-present, Editorial Board, *Kidney International*.

2006-present, Statistical reviewer, *Circulation*.

2009-2011, Statistical reviewer, *Kidney International*.

2015 Editor, selected papers from 2014 ICSA/KISS Joint Applied Statistics Symposium, Springer

2014-2016 **Executive Director**, International Chinese Statistical Association (ICSA).

2011-2013 **Board Member**, International Chinese Statistical Association (ICSA).

2013-2016 **Regional Advisory Board Member**, The International Biometric Society–Eastern North American Region (ENAR).

2015-2017: ASA LIDA Interest Group Council of Sections Representative

2010-2012 **Program Committee Member**, International Chinese Statistical Association (ICSA).

2013 **Chair of Program Committee**, International Chinese Statistical Association (ICSA).

2013-2016 **Member**, Data Safety and Monitoring Committee on study “Vitamin D for Sickle-Cell Respiratory Complications” (PI: Dr. Brittenham, G. M. and Dr. Lee, M.)

**Referee:**

*Annals of Statistics, Annals of Applied Statistics, Australian and New Zealand Journal of Statistics, Biometrika, Biometrical Journal, Biometrics, Biostatistics, Canadian Journal of Statistics, Circulation, Communications in Statistics, Computational Statistics and Data Analysis, Environmental and ecological studies, International Journal of Biostatistics, Journal of American Statistical Association, Journal of Applied Statistics, Journal of Computational and Graphical Statistics, Journal of Multivariate Analysis, Journal of Pharmaceutical Statistics, Journal of Royal Statistical Society (Ser. B), Journal of Statistical Planning and Inference, Journal of Statistical Software, Kidney International, Lifetime Data Analysis, Probability Theory and Related Fields, Sankhya, Scandinavian Journal of Statistics, Statistics and Its Interface, Statistics in Medicine, Statistics and Probability Letters, Statistica Sinica, Statistics, Test*

**Grant Reviewer:**

NIH Scientific Review Study Section: BMRD Study Section, 2016

NIH Scientific Review Study Section: Community-Level Health Promotion (CLHP) Study Section, 2013

Natural Sciences and Engineering Research Council of Canada: 2010, 2011, 2013, 2014

NIH Scientific Review Study Section: Behavioral Genetics and Epidemiology Study Section (BGES), NIH/CSR (2005)

NSF DMS/NIGMS Panelist 2007

FDA grant review 2007

Statistics and Probability Program, National Science Foundation (2002, 2003)

**Statistical Consultant:**

2007–2009 Sepracor Inc., Marlborough, MA

2006–2009 New Health Sciences, Inc., Rockville, MD

**Conference/Meeting/Symposium:**

**Chair of Organizing Committee**

ICSA (International Chinese Statistical Association) 2011 Applied Statistics Symposium, New York, NY.

### **Organizing Committee**

Member: ICHPS (International Conference on Health Policy Statistics) 2015 Scientific Organizing Committee

Member: The fourth International Workshop on Sequential Statistical Methods, 2015 (IWSM2015), New York, NY.

Program Chair: Joint ICSA (International Chinese Statistical Association) and KISS (Korean International Statistical Society) 2014 Applied Statistics Symposium

Member: ICSA (International Chinese Statistical Association) 2009 Applied Statistics Symposium

Member: The Second International Workshop in Sequential Methodologies, 2009 (IWSM2009), Troyes, France.

Member: ICSA (International Chinese Statistical Association) 2008 Applied Statistics Symposium

Member: 2007 Nonparametric statistics conference “Current and Future Trends in Nonparametrics”, University of South Carolina, Columbia, SC

Member: The First International Workshop in Sequential Methodologies, 2007 (IWSM2007), Auburn, AL.

### **Session Organizer:**

Session “Statistical modeling of data on health policy and cost”, 2016 ENAR Spring meeting, Austin, TX.

Session “Analysis of data with single or multiple events” 2011 Joint Statistical Meetings, Vancouver, CANADA.

Session “Analysis of time to event data” (2011), First Joint Biostatistics Meeting, Beijing, P.R. China.

Session “Survival analysis” in ICSA 2009 Applied Statistics Symposium, San Francisco, CA.

Session “Asymptotics in nonparametric and semiparametric statistical methods” International Workshop on Applied Probability, 2008 (IWAP2008), Compiègne, France.

Session “Recent Development in joint Analysis of Survival and Longitudinal Data” in the XXIV International Biometric Conference (2008), Dublin, Ireland

Session “Analysis of Recurrent Events and Other Related Data” (2007), in ICSA 2007 Applied Statistics Symposium, Raleigh, NC

Session “Sequential Selection and Related Issues” in the First International Workshop in Sequential Methodologies (2007), Auburn, AL

Session “Analysis of censored/truncated data” in ICSA 2006 Applied Statistics Symposium, Storrs, CT

### **Session Chair:**

Session: *Analysis of censored/truncated data*, ICSA 2006 Applied Statistics Symposium, University of Connecticut, Storrs, CT

Session: *Lifetime Data Analysis*, ICSA 2006 Applied Statistics Symposium, University of Connecticut, Storrs, CT

One session in the Workshop on Frontiers of Statistics in Honour of Professor Peter Bickel's 65th Birthday, Princeton, NJ (May 2006)

Session: *NCI and the Cancer Biomedical Informatics Grid (caBIG)- Current and Future Roles for Biostatisticians*, 2005 Joint Statistical Meetings, Minneapolis, MN

Session: *Beyond GEE*, 2003 Joint Statistical Meetings, San Francisco, CA

Session: *Modeling Survival Data*, 2002 Joint Statistical Meetings, New York, NY

#### **INVITED COLLOQUIA:**

09/2015 Department of Statistics, University of Kentucky, Lexington, KY.

04/2015 SLAM (Survival, Longitudinal And Multivariate data) Working Group, Department of Biostatistics, Johns Hopkins University, Baltimore, MD.

03/2015 Department of Mathematical Sciences, New Jersey Institute of Technology, Newark, NJ

09/2014 Department of Mathematical Sciences, Indiana University-Purdue University, Indianapolis, IN

06/2014 Institute of Statistics, National Tsing Hua University, Hsinchu, Taiwan

03/2014 Department of Statistics, George Mason University, Fairfax, VA

05/2013 Department of Mathematics, University of Nevada-Las Vegas, Las Vegas, NV

04/2013 Department of Statistics, Texas A&M University, College Station, TX

11/2012 Student Seminar, Department of Statistics, Columbia University, New York, NY

07/2012 Laboratoire de Statistique Théorique et Appliquée (LSTA), Université Pierre et Marie Curie, P6 Paris, France

02/2012 Division of Biostatistics, Albert Einstein College of Medicine, Bronx, NY

11/2011 Division of Biostatistics, New York State Psychiatric Institute, New York, NY

09/2011 Student Seminar, Department of Statistics, Columbia University, New York, NY

03/2009 Department of Statistics and Actuarial Sciences, University of Waterloo, Waterloo, Canada

03/2009 Department of Statistics and Actuarial Sciences, University of Western Ontario, London, Canada

10/2008 Department of Biostatistics and Bioinformatics, Duke University, Durham, NC.

04/2008 Division of Biostatistics, University of Minnesota, Minneapolis, MN

02/2008 Department of Biostatistics, University of Pittsburgh, Pittsburgh, PA

01/2008 Department of Biostatistics and Epidemiology, University of Pennsylvania, Philadelphia, PA



09/2007 Department of Mathematical Sciences, New Jersey Institute of Technology, Newark, NJ

03/2007 Department of Statistics, Rutgers, The State University of New Jersey, Piscataway, NJ

10/2006 Department of Statistics, University of South Carolina, Columbia, SC

03/2006 Division of Biostatistics, Department of Environmental Medicine, School of Medicine, New York University, NY

12/2005 Division of Epidemiology, Statistics, & Prevention Research, National Institute of Child Health and Human Development/NIH/DHHS, Rockville, MD

10/2005 Department of Statistics, University of Connecticut, Storrs, CT

03/2005 Department of Statistics, University of British Columbia, Vancouver, B.C., Canada

03/2005 Division of Biostatistics, New York State Psychiatric Institute, New York, NY

12/2002 Department of Biostatistics and Epidemiology, University of Pennsylvania, Philadelphia, PA

10/2001 Department of Statistics, Pennsylvania State University, College Park, PA

10/2001 Department of Biostatistics, Columbia University, New York, NY

03/2001 Division of Biostatistics, New York State Psychiatric Institute, New York, NY

04/2000 Department of Biostatistics, Medical School, Duke University, Durham, NC.

04/2000 Division of Biostatistics, Columbia University, New York, NY

04/2000 M. D. Anderson Cancer Center, University of Texas, Houston, TX

03/2000 Department of Biostatistics, University of Medicine and Dentistry of New Jersey, Piscataway, NJ

03/2000 Center for Statistical Sciences, Brown University, Providence, RI

02/2000 Department of Statistics, George Washington University, Washington, D. C.

02/2000 Department of Biostatistics, School of Public Health, University of Texas, Houston, TX

02/1999 Center for Biostatistics in AIDS Research, Harvard School of Public Health, Boston, MA

03/1998 Department of Mathematics, University of North Carolina at Charlotte, Charlotte, NC

03/1998 Department of Statistics, Columbia University, New York, NY

02/1998 Department of Probability and Statistics, Michigan State University, East Lansing, MI

## CONFERENCE PRESENTATIONS

### INVITED:

- 08/2015 Joint Statistical Meeting, Seattle, WA.
- 08/2015 ICSA-Canada Chapter conference, Calgary, Canada.
- 07/2015 ICSA-Shanghai Chapter conference, Shanghai, China.
- 07/2015 Nankai University Distinguished Alumni Conference, Tianjin, China.
- 07/2015 2015 IMS-China conference, Kunming, China.
- 06/2015 The 4th International Workshop on Sequential Statistical Methods, New York, New York.
- 06/2015 2015 ICSA/Graybill Joint Conference, Fort Collins, Colorado.
- 03/2015 2015 Spring Meeting of the Eastern North American Region of International Biometric Society, Miami, Florida.
- 07/2014 2014 ICSA China Statistics Conference, Shanghai, P.R. China.
- 07/2014 The 3rd Institute of Mathematical Statistics, Asia Pacific Rim Meeting (APRM 2014), Taipei, Taiwan.
- 06/2014 2014 ICSA and KISS Joint Applied Statistics Symposium, Portland, OR.
- 05/2014 The 42nd Annual Meeting of the Statistical Society of Canada, Toronto, Canada.
- 05/2014 2014 Frontiers in Applied and Computational Mathematics (FACM' 2014), Newark, NJ.
- 07/2013 The Third International Biostatistics Workshop of Jilin University, Changchun, Jilin, China.
- 07/2013 2013 IMS-China International Conference on Statistics and Probability, Chengdu, China.
- 08/2012 Joint Statistical Meeting, San Diego, U.S.
- 07/2012 Statistical Models and Methods for Reliability and Survival Analyses and Their Validation (S2MRSA), Bordeaux, France.
- 06/2012 ICSA 2012 Applied Statistics Symposium, Boston, MA
- 05/2012 Workshop on Biostatistics and Bioinformatics, Georgia State University, Atlanta, Georgia.
- 10/2011 Conference on Risk Assessment and Evaluation of Predictions, Silver Spring, Maryland.
- 03/2011 2011 Spring Meeting of the Eastern North American Region of International Biometric Society, Miami, Florida.

08/2010 Joint Statistical Meeting, Vancouver, Canada

07/2010 First Joint Biostatistics Conference, Renmin Univeristy, Beijing, P.R. China

07/2010 International conference on statistical analysis of complex data, Yunnan University, Kunming, P.R. China

07/2009 International Biostatistics Research Conference, Hefei, Anhui, P.R. China.

07/2009 The First Institute Mathematical Statistics - Asia Pacific Rim Meeting (IMS-APRM), Seoul, Korea.

07/2009 2009 International Conference on Financial Statistics and Financial Econometrics (ICFSFE), Chengdu, Sichuan, P.R. China.

07/2009 2009 International Symposium on Statistics and Management Science, Shanghai, P.R. China.

08/2008 Joint Statistical Meeting, Denver, CO

06/2008 IMS-China 2008 International Conference on Statistics and Probability, Hang Zhou, P.R. China

06/2008 ICSA 2008 Applied Statistics Symposium, University of Connecticut, Piscataway, NJ

03/2008 2008 Spring Meeting of the Eastern North American Region of International Biometric Society, Arlington, Virginia.

10/2007 2007 Nonparametric statistics conference “Current and Future Trends in Nonparametrics”, University of South Carolina, Columbia, SC

08/2007 UKC2007, US-Korean Conference on Science, Technology, and Entrepreneurship, Washington D.C.

07/2007 Joint Statistical Meeting, Salt Lake City, Utah

07/2007 Fifth International Conference on Mathematical Methods in Reliability Methodology and Practice, Glasgow, Scotland

05/2007 Second International Conference on Cancer Risk Assessment– Mathematical, Statistical and Computational Methods (ICCRA2), Santorini, Greece

03/2007 Keynote speaker for 5th ASA CT Chapter Mini-Conference, New Haven, CT

03/2007 2007 Spring Meeting of the Eastern North American Region of International Biometric Society, Atlanta, GA.

08/2006 UKC2006, US-Korean Conference on Science, Technology, and Entrepreneurship, Fort Lee, NJ.

06/2006 ICSA 2006 Applied Statistics Symposium, University of Connecticut, Storrs, CT

12/2005 Twelfth International Conference on Statistics, Combinatorics, Mathematics and Applications, Auburn, AL

06/2005 The Fifth St. Petersburg Workshop on Simulation, St. Petersburg, Russia

- 05/2005 The XIth International Symposium on Applied Stochastic Models and Data Analysis, Brest, France
- 07/2004 The Sixth ICSA International Conference, Singapore
- 06/2004 The Fourth International Conference on Mathematical Methods in Reliability Methodology and Practice, Santa Fe, NM
- 06/2004 ICSA 2004 Applied Statistics Symposium, San Diego, CA
- 07/2004 International Biometric Conference of the International Biometric Society, Cairns, Australia
- 11/2002 International Workshop on “Environment and Health Related Quality of Life: Statistical Perspectives”, Vannes, France
- 06/2002 2002 The Fourth Biennial International Conference on Statistics, Probability and Related Areas of International Indian Statistical Association (IISA), DeKalb, IL
- 03/2002 2002 Spring Meeting of the Eastern North American Region of International Biometric Society, Arlington, VA. Special Invited Session of Institute of Mathematical Statistics (presented by K.Chen)
- 06/2001 Applied Statistics Symposium of International Chinese Statistical Association, Chicago, IL. “Statistica Sinica” Editors Special Invited Session.

**CONTRIBUTED:**

- 08/2014 Joint Statistical Meeting, Boston, MA.
- 08/2013 Joint Statistical Meeting, Montreal, CANADA.
- 03/2006 2006 Spring Meeting of the Eastern North American Region of International Biometric Society, Tampa, FL
- 08/2003 Dr Justus F Seeley Memorial Conference on Linear Models, Oregon State University, Corvallis, OR
- 04/2003 2003 Spring Meeting of the Eastern North American Region of International Biometric Society, Tampa, FL.
- 11/2002 International Workshop on Environment and Health Related Quality of life: Statistical Perspectives, Tohannic-Vannes, France
- 08/2002 Joint Statistical Meeting, New York, NY
- 08/2001 Joint Statistical Meeting, Atlanta, GA
- 09/1999 1999 39th Interscience Conference on Antimicrobial Agents and Chemotherapy, San Francisco, CA
- 08/1999 1999 Joint Statistical Meeting, Baltimore, MD
- 07/1997 The Second Joint Meeting of the Society for Clinical Trials and the International Society for Clinical Biostatistics, Boston, MA

## PEER-REVIEWED PAPERS:

Articles as a lead or senior author are indicated with an asterisk.

1. \***Jin, Z.**, and Shao, Y. (1999). On kernel estimation of a multivariate distribution function, *Statistics and Probability Letters*, **41**, 163-168.
2. \* Choi, S., **Jin, Z.**, and Ying, Z. (2001). Goodness-of-fit tests for semiparametric models with multiple event-time data, *Statistica Sinica*, Vol. 11, No. 3, 723-736.
3. \***Jin, Z.**, Ying, Z. and Wei, L. J. (2001). A simple resampling method by perturbing the minimand, *Biometrika*, **88**, 381-390.
4. Chen K., **Jin, Z.** and Ying, Z. (2002). Semiparametric analysis of transformation models with censored data, *Biometrika*, **89**, 659-668.
5. Richardson, P. G., Murakami, C., **Jin, Z.**, Warren, D., Momtaz, P., Elias, A. D., Antin, J. H., Soiffer, R., Spitzer, T., Avigan, D., Bearman, S. I., Martin, P. L., Kurtzberg, J., Vredenburgh, J., Chen, A. R., Arai, S., Vogelsang, G., Hoppensteadt, D., Fareed, J., Iacobelli, M., McDonald, G. B., Guinan, E. C. (2002) Multi-institutional use of defibrotide in 88 patients post stem cell transplant with severe veno-occlusive disease and multi-system organ failure: response without significant toxicity in a high risk population and factors predictive of outcome, *Blood*, **100**, 4337-4343.
6. \***Jin, Z.**, Lin, D.Y., Wei, L. J., and Ying, Z. (2003). Rank-based inference for the accelerated failure time models, *Biometrika*, **90**, 341-353.
7. \***Jin, Z.** and Ying, Z. (2004). Asymptotic theory in rank estimation for AFT model under fixed censorship. *Parametric and Semiparametric Models with Applications to Reliability, Survival Analysis, and Quality of Life*, Editors : M. Nikulin, N. Balakrishnan, M. Mesbah, and N. Limnios, Boston: Birkhauser, 107-120.
8. Chen K., **Jin, Z.** (2005) Local polynomial regression analysis of clustered data, *Biometrika*, **92**, 59-74.
9. Louis, E., Applegate, L., Borden, S., Moskowitz, C. and **Jin, Z.** (2005) Feasibility and validity of a modified finger-nose-finger test, *Movement Disorders*, **20**, 636-639. DOI: 10.1002/mds.20409.
10. \***Jin, Z.** (2005). Nonproportional semiparametric regression models for censored data. *Modern Statistical and Mathematical Methods in Reliability*, Series on Quality, Reliability and Engineering Statistics, Vol. 10. Editors: A. Wilson, N. Limnios, S. Keller-McNulty and Y. Armijo. London: World Scientific Publishing, 279-292.
11. \*Chen K., **Jin, Z.** (2006). Partial linear regression models for clustered data, *Journal of the American Statistical Association*, **101**, 195-204.
12. \***Jin, Z.**, Lin, D.Y. and Ying, Z. (2006). On least-squares regression with censored data, *Biometrika*, **93**, 147-161.
13. \***Jin, Z.**, Lin, D. Y. and Ying, Z. (2006). Rank regression analysis of multivariate failure time data based on marginal linear models, *Scandinavian Journal of Statistics*, **33**, 1-23.
14. \*Yang, Y. and **Jin, Z.** (2006). Combining dependent tests to compare the diagnostic accuracies — a nonparametric approach, *Statistics in Medicine*, **25**, 1239-1250.

15. Pulerwitz, T., Hirata, K., Abe, Y., Otsuka, R., Herz, S., Okajima, K., **Jin, Z.**, Di Tullio, M. R. and Homma, S. (2006). Feasibility of using a novel real-time 3-dimensional technique for contrast dobutamine stress echocardiography, *Journal of the American Society of Echocardiography*, **19**, 540-545.
16. Wyer, P.C., Perera, P., **Jin, Z.**, Zhou, Q., Cook, D.J., Walter, S.D. and Guyatt, G.H. (2006). Vasopressin or Epinephrine for out-of-hospital cardiac arrest, *Annals of Emergency Medicine*, **48**, 86-97.
17. Fujikura, K., Otsuka, R., Kalisz, A., Ketterling, J. A., **Jin, Z.**, Sciacca, R., Marboe, C. C., Wang, J., Muratore, R., Feleppa, E. J. and Homma, S. (2006). Feasibility of creating lesions in Myocardium with high-intensity focused Ultrasound, *Journal of Ultrasound in Medicine*, **25**, 1375-1386.
18. \***Jin, Z.**, Liu, M., Albert, S. and Ying, Z. (2006). Analysis of longitudinal health-related quality of life data with terminal events. *Lifetime Data Analysis*, **12**, 169-190.
19. Hays, A. G., Sacco, R. L., Rundek, T., Sciacca, R. R., **Jin, Z.**, Liu, R., Homma, S. and Di Tullio, M. R. (2006). Left ventricular systolic dysfunction and the risk of ischemic stroke in a multiethnic population, *Stroke*, **37**, 1715-1719. doi: 10.1161/01.STR.0000227121.34717.40. PMID: PMC2677017
20. Rodriguez, C. J., Lin, F., Sacco, R. L., **Jin, Z.**, Boden-Albala, B., Homma, S. and Di Tullio, M. R. (2006). Prognostic implication of left ventricular mass among Hispanics: the Northern Manhattan Study, *Hypertension*, **48**, 87-92.
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139. Russo, C., **Jin, Z.**, Sera, F., Lee, E., Homma, S., Rundek, T., Elkind, M.S.V., Sacco, R.L. and Di Tullio, M.R. Left ventricular systolic dysfunction by longitudinal strain is an independent predictor of incident atrial fibrillation: a community-based cohort study, *Circulation—Cardiovascular Imaging*, in press.
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141. Russo, C., Sera, F., **Jin, Z.**, Palmieri, V., Homma, S., Rundek, T., Elkind, M.S.V., Sacco, R.L. and Di Tullio, M.R. Abdominal adiposity, general obesity and subclinical systolic dysfunction in the elderly: a population-based cohort study, *European Journal of Heart Failure*, accepted.
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144. Rodriguez, C., Gwathmey, T.M., **Jin, Z.**, Schwartz, J.E., Beech, B.M., Sacco, R.L., Di Tullio, M.R. and Homma, S. Perceived discrimination and nocturnal blood pressure dipping among Hispanics: the influence of social support and race, *Psychosomatic Medicine*, accepted.
145. Majzner, R., Sandoval, C., Dozor, A.J., **Jin, Z.**, van de Ven, C., Dalal, R., Morris, E., Harrison, L., Wolownik, K., Fabricatore, S., Baxter-Lowe, L.A. and Cairo, M.S. Pulmonary function after hematopoietic stem cell transplantation (HSCT) is significantly better in pediatric recipients following reduced toxicity compared to myeloablative conditioning, *Bone Marrow Transplantation*, accepted.
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## ONGOING PROJECTS/GRANTS

- Project title: Development of a personalized approach to the evaluation and treatment of acromegaly: Integration of genomic, histopathologic and radiographic data with a large, existing prospective clinical outcomes dataset (PI: Dr. Pamela Freda) 2016 Precision Medicine Pilot Awards, Irving Institute for Clinical and Translational Research, National Center for Advancing Translational Sciences (NCATS), National Institutes of Health, (Grant Number UL1 TR000040.)  
Role: Co-investigator
- Project title: Novel viruses and viral dynamics in multiple transfusion recipients (PI: Dr. Amit Kapoor), NIH/NHLBI (07/01/2014-11/30/2019) Role: Co-investigator
- Project title: Prevalence and predictors of undiagnosed atrial fibrillation in the community (PI: Dr. Marco Di Tullio), NIH/NINDS, (07/01/2014-11/30/2019) Role: Biostatistician
- Project title: Stem Cells and the Origins of Barretts Esophagus (PI: Dr. T.C. Wang) (08/26/2013-8/31/2016), NIH/NCI U54 CA163004-01 \$4,500,000.00 Role: Biostatistician
- Project title: Prevalence EU: Transfemoral Placement of Aortic Balloon Expandable Transcatheter Valves Trial (EUROPE) (PI: Dr. L.D. Gillam) Edwards Lifesciences (03/01/2009-12/31/2015), \$337,223.00 Role: Biostatistician

## PAST GRANTS

- Project title: Prospective Study of Clinically Non-functioning Pituitary Adenomas (PI: Dr. Pamela Freda) NIH/NCI 5R01NS070600 (10/01/2009-2/25/2015), \$473,889.00 Role: Biostatistician
- Project title: Genes, Environment, and Breast Cancer Risk: the 15 year Followup of Prof-SC (PI: Dr. Mary Beth Terry) NIH/NCI 1R01CA159868-01A1 (07/01/2011-04/30/2015), \$9,500,000.00 Role: Biostatistician
- 3P30 CA013696-37S1 Project title: Cancer Center Support Grant (PI: Dr. Andrea Califano), NIH/NCI (7/1/2008-9/1/2012), \$237,043.00 Role: Biostatistician

- Projects title: Ethnicity, stress, and left ventricular mass (PI: Dr. Carlos Rodriguez) NIH/NHLBI (07/01/2006-06/30/2011), \$119,379.00 Role: Biostatistician
- Projects title: Aortic, Cardiovascular Disease and Silent Brain Infarcts (PI: Dr. Marco Di Tullio) NIH/NINDS, (10/01/2005-9/30/2008) Role: Biostatistician
- Project title: Semiparametric regression models for censored data (PI: Dr. Zhezhen Jin) NSF DMS-0134431 (NSF Career Award) 07/01/2002–06/30/2008 (Total direct cost: \$300,000.00)
- Project title: Immunological monitoring of heart allograft recipients (PI: Dr. Nicole Suciufoca) NIH/NIAID, (01/01/2003-12/31/2006) (Annual direct cost: \$250,000.00) Role: Co-investigator
- Project title: Pathogenesis of essential tremor: cerebellar metabolism (PI: Dr. Elan Louis), NIH, (7/1/2003-6/30/2008) (Total cost: \$3,761,647.00) Role: Co-investigator (10%)
- Project title: Statistical Methods for the Analysis of Censored Biomarkers in HIV/AIDS Studies (PI: Dr. Zhezhen Jin) NYAMED CU51566201, Agency: New York City Council Speaker's Fund for Public Health (07/01/2001-06/30/2004) (Total direct cost: \$300,000.00)
- Project title: Novel medication approaches for substance abuse (2P50 DA009236-11) (PI: Dr. Herbert D Kleber) NIH/NIDA, (9/1/2004-6/30/2005) Total direct cost: \$11,388,592, Role: Director of Biostatistics core
- P50 AT00090 (PI, Dr. Fredi Kronenberg) NIH/NCCAM, Center for CAM Research in Aging (10/1/1999 - 9/30/2004) Role: Director of Biostatistics, Epidemiology and Data management Core
- 5R01 NS28371 (PI, Dr. J.P. Mohr), NIH/NINDS, Warfarin Antiplatelet Recurrent Stroke Study (07/01/1997 - 12/30/2001) \$6,263,918.00 Role: Biostatistician (5%)