

JUN YE
Department of Statistics
University of Akron, Akron, Ohio
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Education:

Ph. D., Statistics, University of Georgia, Athens, Georgia, August 2008

- Advisor: Nicole A. Lazar
- Dissertation: Geostatistical methods for spatio-temporal analysis of fMRI data

M. S., Statistics, University of Georgia, Athens, Georgia, May 2007

M. S., Mathematics, Tennessee Technological University, Cookeville, Tennessee, May 2004

- Advisor: David D. Smith
- Thesis: Robust estimation for the extreme value distribution

Appointments:

08/2012-present, **Assistant Professor of Statistics (Tenure-Track)**, Department of Statistics, University of Akron, Akron, Ohio

08/2010-07/2012, **Assistant Professor of Biostatistics (Tenure-Track)**, Department of Mathematics and Statistics, South Dakota State University, Brookings, South Dakota

08/2010-07/2012, **Statistical Consultant (25% Additional Salary, Full Year Service)**, College of Agricultural and Biological Sciences (ABS) and Agricultural Experiment Station (AES), South Dakota State University, Brookings, South Dakota

09/2008-08/2010, **Biostatistician and Epidemiologist (Clinic Research Staff)**, Department of Medicine, Massachusetts General Hospital, Boston, Massachusetts

08/2006-05/2008, **Statistical Consultant (Supported by NIH)**, Department of Communication Sciences and Special Education, University of Georgia, Athens, Georgia

08/2004-05/2006, **Teaching Assistant**, Department of Statistics, University of Georgia, Athens, Georgia

08/2002-05/2004, **Teaching Assistant**, Department of Mathematics, Tennessee Technological University, Cookeville, Tennessee

Honors and Awards:

- **2011 South Dakota NASA EPSCoR Travel Grant**, Global Hydrology and Climate Center NSSTC/MSFC/NASA, Huntsville, Alabama, February 8-February 9, 2011
- **2008 SRC Travel Award**, 2008 Spring Research Conference (SRC) on Statistics in Industry and Technology, Georgia Institute of Technology, Atlanta, Georgia, May 19-May 20, 2008
- **2004 Graduate Student Mathematics Teaching Award**, Tennessee Technological University, Cookeville, Tennessee, April 22, 2004
- **2003 TAS First Place for Student Oral Presentation**, Mathematics and Computer Science Section, Tennessee Academy of Science (TAS) 113th annual meeting, Franklin Marriott Hotel Cool Spring Conference Center, Franklin, Tennessee, November 13-November 15, 2003

Research Interests:

Statistical Consulting, Statistics for Clinical Research, Brain Image Processing, Spatial Statistics

Computer Skills: Matlab, SAS, R

Continuation Education:

- Introduction to Clinical Investigation Training Course, Harvard Catalyst's Postgraduate Program in Clinical and Translational Science, The Harvard Clinical and Translational Science Center, Boston, MA, 40 hours, June 21–June 25, 2010
- Excel 2003 Intermediate Training Course, Training and Workforce Development Office, Massachusetts General Hospital, Boston, MA, 7 hours, May 15, 2009
- CITI Course in the Protection of Human Research Subjects, CITI Collaborative Institutional Training Initiative. Basic Course Passed on October 3, 2008 (Reference Number 2181994)

Graduate Committee Served at SDSU

- **Ph.D. Dissertation Committee:** James Pottala (Statistics, 2012)
- **M.S. Thesis Committee:** Christopher Misar (Biology with statistics minor, 2011), Zhenyi Hua (Statistics, 2012)
- **Graduate Faculty Representative:** Nicole Sundin (Sociology, 2011), Derek Alarie (Education, 2012)

Teaching Responsibilities at UAkron:

- 3470:260 Basic Statistics (Fall 2012)
- 3470:401 Probability and Statistics for Engineers (Fall 2012)

Teaching Responsibilities at SDSU:

- Stat 721 Statistical Computing and Simulation (Spring 2012, Fall 2010)
- Stat 785/4 Statistical Inference II/I (Spring 2012, Fall 2011)
- Stat 742 Spatial Statistics (Fall 2011)
- Stat 715 Multivariate Analysis (Spring 2011)

Involved Research Supports:**Proposals at SDSU, Role as a PI**

- Group Geostatistical Cluster Tree in fMRI Time Series, SDSU 2011 Research/Scholarship Support Fund SA1100185, 04/01/11-03/31/12

Proposals at SDSU, Role as a Co-PI

- Northern Grapes: Integrating Viticulture, Winemaking, and Marketing of New Cold-Hardy Cultivars Supporting New and Growing Rural Wineries, USDA, NIFA SCRI Coordinated Agriculture Project (<http://northerngrapesproject.org>), 09/01/2011-08/31/2013

Proposals at MGH, Role as a Biostatistician and Epidemiologist

- DIVINE: Dialysis Infection and Vitamin D in New England, NIH (<http://clinicaltrials.gov/ct2/show/NCT00892099>)
- The PRIMO Study-Paricalcitol Capsules Benefits in Renal Failure Induced Cardiac Morbidity in Chronic Kidney Disease Stage 3/4, Abbott (<http://clinicaltrials.gov/ct2/show/NCT00497146>)

Proposals at UGA, Role as a Statistical Consultant

- Stuttering Therapy and Neurophysiological Interaction, NIH R01-DC007893
- Preschool Stuttering: Measurement, Treatment, & Recovery, NIH R01-DC004838

Refereed Journal Publications:

2012

- Madrinan, M. J. M., Al-Hamdan, M., A., Rickman, D. L. and **Ye, J.**, Association between watershed land cover/land use change (LC/LU) and water turbidity status of Tampa Bay tributaries, Florida, USA, *Water, Air and Soil Pollution*, 2012, 223, 2093-2109

2011

- **Ye, J.**, Lazar, N. A. and Li, Y. Sparse geostatistical analysis in clustering fMRI time series, *Journal of Neuroscience Methods*, 2011, 199, 336-345
- Davidow, J. H., Bothe, A. K. and **Ye, J.**, Systematic studies of modified vocalization: speech production changes during a variation of metronomic speech in persons who do and do not stutter, *Journal of Fluency Disorders*, 2011, 36, 93-109
- Powe, C., E., Ecker, J., Rana, S., Wang, A., Ankers, E., **Ye, J.**, Levine, R. J., Karumanchi, S. A. and Thadhani, R., Preeclampsia and the risk of large-for-gestational-age infants, *American Journal of Obstetrics and Gynecology*, 2011, 204, 425.e1-425.e6
- Bhan, I., Camargo, C. A., Wenger, J., Ricciardi, C., **Ye, J.**, Borregaard, N. and Thadhani, R., Circulating levels of 25-hydroxyvitamin D and human cathelicidin in health adults, *Journal of Allergy and Clinical Immunology*, 2011, 127, 1302-1304.e1
- Thadhani, R., Appelbaum, E., Chang, Y., Pritchett, Y., Bhan, I., Agarwal, R., Zoccali, C., Wanner, C., Jones, D. L., Cannata, J., Thompson, T., Audhya, P., Adress, D., Zhang, W., **Ye, J.**, Packham, D., Singh, B., Zehnder, D., Manning, W. J., Pachika, A. and Solomon, S. D., Vitamin D receptor activation and left ventricular hypertrophy in advanced kidney disease, *American Journal of Nephrology*, 2011, 33, 139-149

2010

- Bhan, I., Burnett-Bowie, S. A., **Ye, J.**, Tonelli, M. and Thadhani, R., Clinical measures identify Vitamin D deficiency in dialysis, *Clinical Journal of the American Society of Nephrology*, 2010, 5, 460-467
- Thadhani, R., Powe, C. E., Tjoa, M. L., Khankin, E., **Ye, J.**, Ecker, J., Schneyer, A. and Karumanchi, S. A., First trimester follistatin-like-3 levels in pregnancies complicated by subsequent gestational diabetes mellitus, *Diabetes Care*, 2010, 33, 664-669

2009

- **Ye, J.**, Lazar, N. A. and Li, Y., Geostatistical analysis in clustering fMRI time series, *Statistics in Medicine*, 2009, 28, 2490-2508
- Davidow, J. H., Bothe, A. K., Andreatta, R. D. and **Ye, J.**, Measurement of phonated intervals during four fluency-inducing conditions, *Journal of Speech, Language and Hearing Research*, 2009, 52, 188-205
- Friedman, D., Afkarian, M., Tamez, H., Bhan, I., Isakova, T., Wolf, M., Ankers, E., **Ye, J.**, Tonelli, M., Zoccali, C., Kuro-o, M., Moe, O., Karumanchi, S. A. and Thadhani, R., Klotho variants and chronic dialysis mortality, *Journal of Bone and Mineral Research*, 2009, 24, 1847-1855

Other Publications, Posters and Reports:

- Bhan, I., Tamez, H., **Ye, J.**, Ankers, E. and Thadhani, R., Ergocalciferol Increases Circulating Levels of Human Cathelicidin (hCAP18), *National Kidney Foundation 2010 Spring Clinical Meetings, American Journal of Kidney Disease*, 2010, 55(4), B44
- Powe, C. E., Thadhani, R., Tjoa, M. L., Elijah Khankin, E., **Ye, J.**, Ecker, J., Schneyer, A. and Karumanchi S. A., First trimester FSTL3 levels in pregnancies complicated by subsequent gestational diabetes mellitus, *Scientific Program Schedule 57th Annual Scientific Meeting, Reproductive Sciences*, 2010, 17(3), 30A, 476.
- Bhan, I., Tamez, H., **Ye, J.**, Ankers, E. and Thadhani, R., Ergocalciferol supplementation increases plasma levels of the antimicrobial peptide cathelicidin (hCAP18) in humans, *Journal of the American Society of Nephrology*, 2009, 20, SA-PO2334
- Hristova, M., **Ye, J.**, Ankers, E., Brown, R., Thadhani, R. and Danziger, J. (2010), Association between pulse pressure change during the first year of dialysis and mortality, *Unpublished manuscript*

Synergistic Activities:

- Organizing Committee, The Second Scientific Symposium Supported by the Center for D-receptor Activation Research (CeDAR), Massachusetts General Hospital, Boston, MA, October 17- October 18, 2008
- Chair of Statistical Process Control (Contributed) Session, 2008 Spring Research Conference (SRC) on Statistics in Industry and Technology, Georgia Institute of Technology, Atlanta, GA, May 19, 2008

Consulting Projects:

More than 50 projects at SDSU, MGH and UGA from 08/2006 to 07/2012