

Zheng Tian

The Pennsylvania State University
The Northeast Regional Center for Rural Development
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RESEARCH INTERESTS

Regional and urban economics, rural economic development, migration, spatial econometrics, the input-output model

EDUCATION

West Virginia University, Morgantown, West Virginia, USA

Ph.D. in Economics. 2008 - 2014
Dissertation: Essays on Industry Agglomeration and Input-Output Linkages.
Advisor: Brian Cushing

Peking University, Beijing, China

M.A. in Economics 2002 - 2004

Peking University, Beijing, China

B.A. in Economics 1998 - 2002

PROFESSIONAL EXPERIENCE

The Pennsylvania State University, University Park, PA, USA

Postdoctoral Scholar October, 2017 - present

Research projects:

- The Role of Innovation in Rural Firm Emergence and Vitality, USDA/NIFA grant, 05/2018-05/2021.
- Regional Economic Development Project, Economic Development Administration (US Commerce Department) grant, with Indiana University, Ohio State and San Diego State Univ., 07/2017-06/2019.
- Industry Clusters and the Location of Agriculture: Establishing a Theoretical Base for Economic Development Practice, USDA/NIFA competitive grant, with Rutgers University, 01/2017-12/2019.

Capital University of Economics and Business, Beijing, China

Assistant Professor September, 2014 - 2017

Undergraduate courses: Introduction to Econometrics, Financial Data Analysis
Graduate course: Frontier in Applied Economics

West Virginia University, Regional Research Institute, Morgantown, WV, USA

Visiting Research Scholar September, 2015 - 2017
Graduate Research Assistant 2009 - 2014

Research project:

- Employment Impact Analysis Using an Econometric Input-Output Model, directed by Dr. Randall Jackson.

West Virginia University, Department of Economics, Morgantown, WV, USA

Instructor

summers in 2012 and 2013

Courses: Principles of Microeconomics, Principles of Macroeconomics

China Economic Information Network, Beijing, China

Economic Analyst

2005 – 2008

Responsibilities: compiling regional economic data, writing regional economic reports, editing an editorial targeted for mayors of Chinese cities, and designing a project of establishing the Chinese Regional Economic and Social Development Monitoring And Evaluation System.

**HONORS AND
AWARDS**

- Barry M. Moriarty Award for the Student Paper Competition at the Southern Regional Science Association Conference 2014
- M. Jarvin Emerson Award for the Student Paper Competition at the Mid-Continent Regional Science Association Conference 2012
- Jon Vilasuso Advanced Doctoral Student Award, Department of Economics, WVU 2012
- Graduate Assistantship, Department of Economics, WVU 2008–2014
- The Award for Distinguished Student, School of Economics, Peking University 2001

**GRANTS AND
FUNDING**

- The Beijing Municipal Government's Talented Young Scholars Sponsorship Program, 2015-2017, The Application of Space-Industry Filter to the Coordinated Industrial Development in Beijing-Tianjin-Hebei Region in China
- The Academy of Metropolis Economic and Social Development, CUEB, Sponsorship Grant, 2016-2017, Spatial Agglomeration and the Survival of Enterprises in Beijing-Tianjin-Hebei Region in China
- The Research Start-Up Grant for Returnees of Oversea Scholars, Capital University of Economics and Business, 2014-2015

PUBLICATIONS

Referred Academic Journal Articles

1. **Tian, Z.**, S. Goetz, and C. Schmidt. The Role of Community Food Services in Reducing U.S. Food Insufficiency in the COVID-19 Pandemic. *Journal of Agricultural and Resource Economics*, forthcoming.
2. Schmidt, C., S. Goetz, and **Z. Tian**. (2021). Female Farmers in the United States: Research Needs and Policy Questions. *Food Policy*, forthcoming.
3. Schmidt, C., S. Goetz, S. Rocker, and **Z. Tian**. (2020). Google Searches Reveal Changing Consumer Food Sourcing in the COVID-19 Pandemic. *Journal of Agriculture, Food Systems, and Community Development*, 9(3): 18.
4. **Tian, Z.**, S. Goetz, and C. French. (2020). Problem of Low 2020 Census Participation Will Vary with Sociodemographic Factors and Distance from Metro Areas. *Choices: Quarter 4*.
5. **Tian, Z.**, P. Gottlieb, and S. Goetz. (2020). Measuring Industry Co-Agglomeration Across County Borders. *Spatial Economic Analysis*, 15(1): 92-113.
6. Tian, M., **Z. Tian**, and W. Sun. (2018). The Impacts of City-Specific Factors on Social Integration of Chinese Migrant Workers: A Study Using Multilevel Modeling. *Journal of Urban Affairs*, 41(3): 324-337.
7. Tian, M., **Z. Tian**, and B. Cushing. (2016). Inter-City Migration in China: A Recurrent-Event Duration Analysis of Repeat Migration. *Cambridge Journal of Regions, Economy and Society*, 9(3): 551-569.

8. **Tian, Z.** (2013). Measuring Agglomeration Using the Standardized Location Quotient with A Bootstrap Method. *Journal of Regional Analysis & Policy*, 43(2): 186-197

Reports, technical documents, and other publications

1. Goetz, S., **Z. Tian**, C. Schmidt, and Y. Pan. (2021) Pennsylvania Food Insufficiency Reached New High at the End of 2020. NERCRD Covid-19 Data Report 21-01. Pennsylvania State University.
2. **Tian, Z.** and S. Goetz. (2020) Nonmetro COVID-19 Case Growth Higher in Metro-Adjacent Counties, but Case-Fatality Ratio is Lower so Far. NERCRD COVID-19 Issues Brief No. 2020-8. Pennsylvania State University.
3. **Tian, Z.** and S. Goetz. (2020) Google Searches Predict Initial Unemployment Insurance Claims. NERCRD COVID-19 Issues Brief No. 2020-5. Pennsylvania State University.
4. Goetz, S., **Z. Tian**, C. Schmidt, and D. Meadowcroft. (2020) Rural COVID-19 Cases Lag Urban Areas but Are Growing Much More Rapidly. NERCRD COVID-19 Issues Brief No. 2020-3. Pennsylvania State University.
5. **Tian, Z.**, M. Kahsai, and R. Jackson. (2014). Technical Document for Price Adjustment. Working Papers Technical Document 2014-0, Regional Research Institute, West Virginia University, revised Sep 2014.

WORKING AND CONFERENCE PAPERS

- Female-Operated Farms and U.S. Agricultural Viability, with Claudia Schmidt and Stephan J. Goetz, presented at the 2019 AAEA Annual Meeting by Dr. Schmidt, 2019, and revised and presented at the 60th Annual Meetings of SRSA by Zheng Tian, 2021.
- Determinants of Brewery Locations in Pennsylvania: A Tract Level Zero-Inflated Negative Binomial Analysis, with Claudia Schmidt and Stephan J. Goetz, presented at the 60th Annual Meetings of SRSA by Dr. Schmidt, 2021.
- Artistic and Creative Institutions, and the Elderly, With Stephan J. Goetz and Matthew Kaplan (under working).
- U.S. Farm Size Distribution and Local Economic Growth, with Claudia Schmidt, and Stephan J. Goetz, to be presented at the 66th NARSC meetings, 2019 (under working).
- Detecting Agricultural Clusters with the Spatial-IO Location Quotient, with Paul D. Gottlieb and Stephan J. Goetz, to be presented at the 66th NARSC meetings, 2019 (under working)
- Local Economic Development Impacts of Agritourism, with Claudia Schmidt, and Stephan J. Goetz, under working, to be presented at the 66th NARSC meetings, 2019.
- The Effects of Federal and State Funding on College Students' Debt and Earnings, with Stephan J. Goetz, presented at the 58th SRSA meetings, 2019.
- Industry Agglomeration and Employment Growth: A Quantile Regression Analysis, with Zheng Tian, Stephan J. Goetz, and Timothy Slaper, presented at the 65th NARSC meetings, 2018.
- Predicting State-level Gross Job Gains and Losses with Google Trends Data, with Johan Bollen, Stephan J. Goetz, and Timothy Slaper, submitted to the 57th SRSA meetings, 2018.
- Exploring the Space-Industry Filter in Regional Industry Models, presented at the 60th NARSC conference, 2013, and the 53rd SRSA conference, 2014.

CONFERENCES

- The 60th Southern Regional Science Association Annual Meeting, Virtual Conference, 2021.
- The 67th North American Meeting of the Regional Science Association International, Virtual Conference, 2020
- The 66th North American Meeting of the Regional Science Association International, Pittsburgh, PA, USA, 2019
- The 58th Southern Regional Science Association Annual Meeting, Arlington, VA, USA, 2019.
- The 58th Western Regional Science Association Annual Meeting, Napa, CA, USA, 2019
- The 65th North American Meeting of the Regional Science Association International, San Antonio, TX, USA, 2018
- Regional Studies Association Global Conference in China, Beijing, 2018
- The 57th Southern Regional Science Association Annual Meeting, Philadelphia, PA, USA, 2018
- The 63rd North American Meeting of the Regional Science Association International, Minneapolis, MN, USA, 2016
- The 62nd North American Meeting of the Regional Science Association International, Portland, OR, USA, 2015
- The Conference on Urban Development in China at Xi'an Jiaotong-Liverpool University, Suzhou, China, 2015
- The 53rd Southern Regional Science Association Annual Meeting, San Antonio, TX, USA, 2014
- The 60th North American Meetings of the Regional Science Association International, Atlanta, GA, USA, 2013
- The VII World Conference of Spatial Econometrics Association, Washington, DC, USA, 2013
- The 52nd Southern Regional Science Association Annual Meeting, Washington, DC, USA, 2013
- The 43rd Annual Conference of the Mid-Continent Regional Science Association, Bloomington, MN, USA, 2012

COMPUTER SKILLS

- Programming Languages: R, Python, Matlab.
- Statistical Packages: Stata, and Eviews.
- Applications: Emacs, L^AT_EX, Git/Github.

PROFESSIONAL SERVICE

Serving as referees for Review of Regional Studies; Journal of Regional Analysis & Policy; SN Business & Economics; Spatial Economic Analysis; Journal of Entrepreneurship and Public Policy; International Regional Science Review; Urban Studies; Regional Science, Policy and Practice.