

Chen Zhu

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*Fields of Interest: Food Consumption, Human Capital,
Genoeconomics.*

Professional Experience

- 2022-Present **Professor**, *College of Economics and Management*, China Agricultural University, China.
- 2016-2022 **Associate Professor**, *College of Economics and Management*, China Agricultural University, China.
- 2013-2016 **Assistant Professor**, *College of Economics and Management*, China Agricultural University, China.

Research/Visiting Experience

- 2020-Present **Research Fellow**, *Academy of Global Food Economics and Policy (AGFEP)*, China Agricultural University, China.
- 2019-Present **Research Fellow**, *Beijing Food Safety Policy & Strategy Research Base (FSP)*, China Agricultural University, China.
- 2015-2020 **Research Fellow**, *The Zwick Center for Food and Resource Policy*, University of Connecticut, USA.
- 2016-2021 **Postdoctoral Research Fellow**, *Institute for Population and Labor Economics*, Chinese Academy of Social Sciences, China.
- 2018-2019 **Visiting Scholar**, *Department of Agricultural and Resource Economics*, University of California, Davis, USA.
- 2009-2013 **Research Assistant**, *Department of Agricultural and Resource Economics*, University of Connecticut, USA.
- 2007-2009 **Research Assistant**, *Department of Plant Science*, University of Connecticut, USA.

Other Professional Experience

- 2022-Present **Member, Editorial Board**, *Agribusiness: An International Journal*.
- 2022 **Guest Editor**, *Agribusiness: An International Journal*, Special Issue: Transforming Food Systems for Improving Nutrition and Health in Emerging Economies.
- 2022 **Guest Editor**, *Frontiers in Psychiatry*, *Frontiers in Public Health*, Special Issue: Food Consumption, Mental Health, and Aging: Disentangling the Causal Link by Integrating Genetic Data.
- 2019 **Guest Editor**, *Journal of Integrative Agriculture*, Special Issue: Food Economics and Policies.

Education

- 2013 **University of Connecticut**, Ph.D. in Agricultural and Resource Economics, USA.
2012 **University of Connecticut**, M.S. in Agricultural and Resource Economics, USA.
2007 **Nanjing University**, B.S. in Biological Science, China.

Visiting Experience

- 2010 **Università Cattolica del Sacro Cuore**, Summer School of Agriculture and Food Economics, Italy.
2007 **University of Melbourne**, Exchange Student, School of Botany, Australia.

Book

In Chinese

Chen Zhu (2022). *Principles of Genoeconomics*. China University of Political Science and Law Press, Beijing

Patent

- 2022 *A Method and Device for Recommending Products Based on Polygenic Scoring*. First Inventor. State Intellectual Property Office Patent Application No.202211695000.9 (substantive review phase)

Publications (*: corresponding author)

1. **Chen Zhu**, Timothy Beatty, Qiran Zhao, Wei Si & Qihui Chen (2023). "Leveraging Genetic Data for Predicting Consumer Choices of Alcoholic Products." *China Agricultural Economic Review*, forthcoming
2. **Chen Zhu**, Qiran Zhao, Jianbo He, Petri Böckerman, Siyang Luo & Qihui Chen (2023). "Genetic basis of STEM occupational choice and regional economic performance: a UK biobank genome-wide association study." *Human Genomics*, 17 (GWAS Catalog ID: GCST90269769)
3. **Chen Zhu**, Rigoberto A. Lopez, Chen Zhen & Qiran Zhao (2023). "Consumer responses to nutrition labels in China." *Journal of the Agricultural and Applied Economics Association*
4. Saiwei Li, Rigoberto A. Lopez, **Chen Zhu** & Yumei Liu (2023). "Consumer preferences for sustainably produced ultra-high-temperature milk in China." *Journal of Dairy Science*
5. **Chen Zhu*** (2022). "Demand for Direct-to-Consumer Genetic Testing Services in China and Its Implications for Precision Public Health." *China CDC Weekly*, 4(32): 715-719
6. Xiaolu Wang, Qihui Chen, Qiran Zhao & **Chen Zhu*** (2022). "Alcohol consumption and income: Evidence from one-sample and two-sample Mendelian randomizations." *Economics Letters*, 219, 110788

7. Qiubo Zhu, **Chen Zhu**, Junfei Bai & Chao Peng (2022). "Can information and communication technologies boost rural households' income and narrow the rural income disparity in China?" *China Economic Quarterly International*, 2(3), pp.202-214
8. Hongsha Wang, Qihui Chen, **Chen Zhu** & Jiale Bao (2022). "Paying for the Greater Good?—What Information Matters for Beijing Consumers' Willingness to Pay for Plant-Based Meat?" *Foods*, 11(16), 2460
9. Yi Cui, Wei Si, **Chen Zhu** & Qiran Zhao (2022). "Alcohol Consumption and Mild Cognitive Impairment: A Mendelian Randomization Study from Rural China." *Nutrients*, 14(17), 3596
10. **Chen Zhu**, Rigoberto A. Lopez, Yuan Gao & Xiaoou Liu (2021). "The COVID-19 Pandemic and Consumption of Food away from Home: Evidence from High-frequency Restaurant Transaction Data." *China & World Economy*, 29(6), pp.73-94
11. **Chen Zhu***, Thomas Talhelm, Yingxiang Li, Gang Chen, Jiong Zhu & Jun Wang (2021). "Relationship Between Rice Farming and Polygenic Scores Potentially Linked to Agriculture in China." *Royal Society Open Science*, 8(8)
12. **Chen Zhu**, Qihui Chen, Wei Si, Yingxiang Li, Gang Chen & Qiran Zhao (2020). "Alcohol Use and Depression: A Mendelian Randomization Study from China." *Frontiers in Genetics*, 11, p.1286
13. Jun Wang, Qihui Chen, Gang Chen, Yingxiang Li, Guoshu Kong & **Chen Zhu*** (2020). "What Is Creating the Height Premium? New Evidence from a Mendelian Randomization Analysis in China." *PLOS ONE*, 15(4): e0230555
14. **Chen Zhu**, Rigoberto A. Lopez & Xiaoou Liu (2019). "Consumer Responses to Front-of-Package Labeling in the Presence of Information Spillovers." *Food Policy*, 86
15. Saiwei Li, **Chen Zhu**, Qihui Chen & Yumei Liu (2019). "Consumer Confidence, Product Attributes and Consumer Preferences for Domestically Produced Infant Formulas in Urban Northern China." *Journal of Integrative Agriculture*, 18(8)
16. **Chen Zhu**, Xiaohui Zhang, Qiran Zhao & Qihui Chen (2018). "Hybrid Marriages and Phenotypic Heterosis in Offspring: Evidence from China." *Economics & Human Biology*, 29, 102-114
17. **Chen Zhu**, Rigoberto A. Lopez & Xiaoou Liu (2016). "Information Cost and Consumer Choices of Healthy Foods." *American Journal of Agricultural Economics*, 98(1) 41-53
18. Rigoberto A. Lopez, Yizao Liu & **Chen Zhu** (2015). "TV Advertising Spillovers and The Demand for Private Labels: The Case of Carbonated Soft Drinks." *Applied Economics*, 47(25) 2563-2576
19. Xiaoou Liu & **Chen Zhu*** (2014). "Will Knowing Diabetes Affect Labor Income? Evidence from a Natural Experiment." *Economics Letters*, 124 (1) 74–78
20. Yizao Liu, Rigoberto A. Lopez & **Chen Zhu** (2014). "The Impact of Four Alternative Policies to Decrease Soda Consumption." *Agricultural and Resource Economics Review*, 43, 1
21. **Chen Zhu** & Rigoberto A. Lopez (2012). "Weight Implications of Soda Consumption." *Agro Food Industry Hi-Tech*, 23(2): March/April 2012

22. Rigoberto A. Lopez, Deepak Joglekar, **Chen Zhu**, Peter Gunther & Fred Carstensen (2010). "Economic Impacts of Connecticut's Agricultural Industry."

In Chinese

1. Qiubo Zhu, **Chen Zhu**, Junfei Bai & Chao Peng (2022). "Can Information Boost Farmers' Income and Narrow the Income Disparity in Rural China?" *China Economic Quarterly*, 1
2. **Chen Zhu**, Qiran Zhao, Jun Wang & Wei Si (2021). "Genoeconomics: Theories, Methods, and Applications in Economic Research." *Economic Review*, 2
3. Chen Xi, Xuejing Ying, Xiaoou Liu & **Chen Zhu*** (2020). "Catering Economy under the Smog: Air Pollution and Residents' Dining out Behavior." *World Economic Papers*, 6
4. Qiubo Zhu, Junfei Bai, Chao Peng & **Chen Zhu** (2019). "Do Information Communication Technologies Improve Agricultural Productivity?." *Chinese Rural Economy*, 4
5. **Chen Zhu** (2017). "Intergenerational Occupational Inheritance and Mobility in China: Empirical Evidence from the Census Microdata." *Studies in Labor Economics*, 5(6)
6. **Chen Zhu** (2017). "The Rate of Intergenerational Occupational Mobility Has Increased in China." *People's Daily*, August 28
7. **Chen Zhu**, Xiaoou Liu & Daxiang Lian (2017). "The Impacts of Public Health Insurance on Labor Market Performance." *Economic Theory and Business Management*, 36(5)

Conference Presentations and Invited Talks (in chronological order)

- 2023 The Chinese Economists Society (CES) Annual Conference; The 2023 Chinese Conference on Agricultural Forestry Economics and Management
- 2022 Renmin University; China Agricultural University; The 2022 Chinese Conference on Agricultural Forestry Economics and Management; The International Symposium on Economic Behavior and Forecasting, Nankai University; Sun Yat-Sen University
- 2021 ShanghaiTech University; The European Association of Agricultural Economists (EAAE) 175 Seminar; Institute of Food and Nutrition Development, Ministry of Agriculture; The 51th Behavior Genetics Annual Meeting (poster session); Workshop of the Ethical, Legal, and Social Implications of Genomics and Precision Medicine, University of Nottingham Ningbo China
- 2019 University of Connecticut; Yale University; 23andMe Genome Research Day (poster session); The American Society of Health Economists (ASHEcon) Annual Conference; The Agricultural & Applied Economics Association (AAEA) Annual Meeting; The American Society of Human Genetics (ASHG) Annual Meeting (poster session); The CAER-IFPRI Annual International Conference; Wuhan University; The 2019 Chinese Conference on Agricultural Forestry Economics and Management
- 2018 Research Center for Rural Economy (Ministry of Agriculture and Rural Affairs); Huazhong Agricultural University; Jiangsu Normal University; The Chinese Economists Society (CES) Annual Conference
- 2017 The Chinese Economists Society (CES) Annual Conference; The 47th Behavior Genetics Annual Meeting (BGA); The CAER-IFPRI Annual International Conference

- 2016 The American Economic Association/Allied Social Science Association (AEA/ASSA) Annual Meeting; The Chinese Economists Society (CES) Annual Conference; The CAER-IFPRI Annual International Conference
- 2015 The CAER-IFPRI Annual International Conference
- 2014 The Agricultural & Applied Economics Association (AAEA) Annual Meeting; INFORMS Marketing Science Society Conference
- 2013 The Inaugural Econometric Society China Meeting (CMES); The CAER-IFPRI Annual International Conference; The International Symposium on Contemporary Labor Economics;
- 2012 The Annual International Industrial Organization Conference (IIOC); The Northeast Agricultural & Resource Economics Association (NAREA) Annual Meeting; The Agricultural & Applied Economics Association (AAEA) Annual Meeting

Research Grants

- 2022-2024 **Principal Investigator, The National Natural Science Foundation of China**, “*Research on the Impacts of Sugar Intake on Health of Chinese Residents and Optimization Strategies for Sugar Reduction from the Perspective of Genoeconomics*” (Grant No. 72103187).
- 2014-2018 **Principal Investigator, The National Social Science Fund of China**, “*Studies on the Intergenerational Occupational Mobility in Contemporary China*” (Grant No. 14CJY018).

Teaching

In Chinese

1. Mathematical Economics (Undergrad) – Spring 2023/2022/2021/2020/2018/2017/2016/2015
2. Advanced Econometrics (PhD) – Fall 2020/2019; Spring 2018/2017/2016/2015/2014
3. Technical Economics (Undergrad) – Spring 2022/2021/2020/2018/2017/2016/2015/2014

In English

4. Intermediate Econometrics (Master) – Fall 2022; Spring 2022/2021/2020/2018/2017/2016/2015

Selected Honors and Awards

- 2019 **Annual Scholar**, *The Youth Forum of Chinese Agricultural Economists*.
- 2019 **Youth Star**, *China Agricultural University*.
- 2016 **Outstanding Faculty Award**, *China Agricultural University*.
- 2014 **Excellent Undergraduate Advisor Award**, *China Agricultural University*.
- 2013 **Doctoral Dissertation Fellowship**, *University of Connecticut*.
- 2012 **Predocctoral Scholarship**, *University of Connecticut*.
- 2011 **Ellen Bishop Carder Scholarship**, *University of Connecticut*.
- 2010 **International Academic Exchange Grant**, *Università Cattolica del Sacro Cuore*.
- 2010 **Graduate Student Travel Grant**, *The American Agricultural & Applied Economics Association*.

- 2010 **Fellowship of the Dorothy Goodwin International Experience Fund**, *University of Connecticut*.
- 2006 **People's Scholarship**, *Nanjing University*.
- 2005 **Extracurricular Internship Award of People's Scholarship**, *Nanjing University*.
- 2004 **3rd Rank Award of the Research Forum of Sciences & Arts**, *Nanjing University*.
- 2004 **1st Rank Award of the Thesis Competition of School of Life Sciences**, *Nanjing University*.

Languages

Chinese **Native**
 English **Fluent**

Computer Skills

statistics	MATLAB, Stata, JMP	programming	R, Python
bioinformatics	PLINK, GCTA	others	L ^A T _E X, ArgGIS

Professional Service

Referee *Agribusiness: An International Journal; China Agricultural Economic Review; e-BioMedicine; Empirical Economics; Food Policy; Frontiers in Nutrition; Journal of Health Economics; PLOS ONE; The Energy Journal; The China Economic Quarterly*

Last Updated: Aug 2023