



Zhou Yue Gang

Email: zhouyug@hotmail.com

Phone: 18600633011

Brief introduction

Ph.D. in Financial Mathematics and Master of Statistics from the University of Southern California, M.S. in Economics from Texas A&M University, and M.S. in Business Administration from Renmin University of China. 26 years of study experience with one Ph.D., three master's degrees, and one bachelor's degree in five different disciplines. He has written and published many college textbooks in economics, finance, mathematics and other disciplines, among which "Credit Risk Management" (a set of two books) has the first sales volume among similar books in China. The philosophical and social science monographs "Instinct and Civilization", "A Brief History of Civilization", and "The Right Way to Open the Tao Te Ching" will be published soon. Interdisciplinary learning experiences help to understand and develop knowledge in the fields of finance and economics within the broadest knowledge framework.

He has published multiple papers in international academic journals such as the "*Journal of International Financial Market, Institutional and Money*", "*Pacific-Basin Finance Journal*", as well as domestic academic journals including "*Economic Quarterly*," "*Financial Research*," and "*Investment Research*." He has also served as an anonymous reviewer for several academic journals.

During his teaching at the China Academy of Financial Development of Central University of Finance and Economics, he was rated as the most thoughtful teacher by students. His teaching is flexible and the classroom atmosphere is relaxed and fun. He is good at closely linking theoretical knowledge with reality, inspiring students to explore the evolutionary logic of knowledge, and enabling students to expand knowledge independently in theory and reality. He used to teach "Probability Theory" course for undergraduates at the National Institute of Development of Peking University.

During his tenure as the dean of a major financial information service institution and in the process of founding his own company, he gained a deep understanding of financial practices and the state of education at all levels. He received funding support from a private university and led the design and development of an intelligent education system, which facilitated intelligent teaching and learning. He

also applied his authored textbooks "Calculus" and "Probability Theory" to the entire school's curriculum. With funding support from a certain district's education bureau in Hainan Province, he applied the intelligent education system to secondary school education, enabling real-time assessment, prediction, teaching, and learning content delivery, as well as teacher-student guidance configuration. This approach reduced the teaching burden and improved the effectiveness of student learning.

Serving

External professor of School of Finance, Southwestern University of Finance and Economics, professional master tutor

General Manager of Beijing Times Futou Investment Consulting Co., Ltd

Research Field

Mathematics Education Research, Intelligent Education Research, Credit Risk Management, Family Finance, Portfolio, Asset Pricing, Behavioral Finance, Rural Finance

Taught courses

Central University of Finance and Economics: Intermediate Microeconomics, Game Theory, Financial Mathematics, Financial Markets and Financial Institutions, Financial Instrument Pricing, Financial Risk Management

Peking University: Probability Theory

Educational background

2003.08-2008.08	University of Southern California	Financial Mathematics	Ph.D. (2008).
	University of Southern California	statistics	Master (2006).
2001.08-2003.06	Texas A&M University, USA	economics	Master (2003).
1998.09-2001.07	Chinese Minmin	Management	Master (2001).

Work experience

2014.01-present	Beijing Times Futou Investment Consulting Co., Ltd	Chairman, General Manager, founder of the company
2013.05-present	Southwestern University of Finance and Economics	External professor, master tutor

2018.02-2022.01	Chengdu Dayi Smart Education Technology Co., Ltd	General Manager (concurrent)
2019.09-2020.01	Peking university	External teachers
2013.07-2014.01	Dagong International Credit Appraisal Limited	Director of the Dagong Research Institute
2008.09-2013.06	China Institute of Financial Development, Central University of Finance and Economics	Assistant Professor
2003.08-2008.06	University of Southern California	Teaching assistant, research assistant

Publish papers

1. "Capital gains and trading" (with Xiaoyan Lei and Xiaoneng Zhu), *Journal of International Financial Markets, Institutions and Money*, 32, (2014) 167-183.
2. "Liquidity, capital gains, and stock returns" (with Xiaoyan Lei and Xiaoneng Zhu), *Pacific-Basin Finance Journal*, 25, (2013) 273-293.
3. "Illiquidity and Capital Gains of Chinese Equities and Their Interaction Effects," Investment Research, 2013. (in Chinese)
4. "Exchange Rate and Investor Sentiment Transmission and Its Impact on Stock Market", Research on Several Issues of RMB Exchange Rate in the Process of Financial Opening-up, China Social Sciences Press, 2013. (in Chinese)
5. "Practical Innovation of Rural Finance", Research on Several Issues of Rural Financial Risk in China, China Social Sciences Press, 2011. (in Chinese)
6. "Reference Price Distribution and Stock Returns: An Analysis Based on Disposition Effects" (co-authored with Xiaoyan Lei), *Economics (Quarterly)*, Vol. 10, No. 3, 2011. (in Chinese)
7. "Household Portfolio Selection in China: Health and Risk Appetite" (with Xiaoyan Lei), *Journal of Financial Research*, 2010, January, p32-45. [2011 Financial Research Journal Excellent Paper Second Prize]. (in Chinese)
8. "Organization, Process and Risk Prevention", (chapter on risk prevention in commercial banks), Materials Press, 1999 (in Chinese)
9. "External Supervision of Commercial Banks", (Chapter on Risk Prevention of Commercial

Banks), Materials Press, 1999 (in Chinese)

10. "Internal Control of Commercial Banks", (Chapter on Risk Prevention of Commercial Banks), Materials Press, 1999 (in Chinese)

Monograph

1. Probability Theory and Mathematical Statistics University of Electronic Science and Technology of China Press 2018.8

This book innovatively builds on cognitive logic to write probability theory and statistical techniques. The so-called logic includes not only the logic of people's understanding of things, but also the logic of the background of the production of related knowledge, the production process, and the application of restrictions and extensions. Understanding various random distributions and their characteristics from the perspective that the random world is objective is a theory of probability; Extrapolating the real world from what we can observe is statistical theory. This book has been adopted as an undergraduate textbook by many schools.

book has been adopted as undergraduate teaching by several school's material.

Translations

Principles of Economics, by Marshall, translated by Zhou Yuegang and Lei Xiaoyan, China City Press, April 2010.

Project outcomes

1 "University Smart Education System and Curriculum", funded by a private university, 2018-2021, project leader

The development of intelligent education platform (PC+App) and smart courses has realized the complete integration of educational resources, intelligent prediction, intelligent assessment, intelligent tasks, intelligent learning reports and many other unique intelligent teaching functions. The smart curriculum realizes a high degree of integration of various educational resources, and a unique intelligent system that integrates the functions of intelligent assessment, intelligent teaching task generation, and intelligent test question prediction to help students make the most effective use of limited time, maximize learning effects, and reduce the intensity of teachers' regular teaching work.

Delivered at the end of 2021.

2 "University Smart Education System and Curriculum", funded by Sanya Haitang District Education Bureau, 2020, project leader

Develop and deploy smart education platforms and smart courses, fully intelligent guidance of school education, neural network database system of all course knowledge points and topics, and intelligent integration of all data.

3 "Zhongguancun Science Park Enterprise Credit System", funded by Zhongguancun Science and Technology Park Management Committee, 2013 , project leader

Enterprise credit evaluation indicators and their quantitative research, analyze hundreds of enterprise data, conduct structural analysis through the actual status of enterprise credit, remove the correlation between variables, determine the index level, and establish a dynamic iterative credit evaluation system.

Enterprise credit evaluation system design and development, software system structure construction, database structure establishment, interface connection design, system security design.

4 "Research on Several Issues of RMB Exchange Rate in the Process of Financial Opening-up", Special Research Fund of Central University of Finance and Finance, 2013 , project participant

Personal responsibility: exchange rates and investor sentiment transmission and their impact on the stock market

Study the impact of exchange rate level and its volatility on the country's macroeconomy, industrial development, enterprise operation, and other financial markets such as the stock market and futures market since the reform of the RMB floating exchange rate system in China. Through qualitative and quantitative research on the impact of China's RMB exchange rate system reform on national economic income, national economic development, world economy and financial economy, this project provides valuable research materials for the market-oriented development of China's RMB exchange rate.

A Study on Several Issues of RMB Exchange Rate in the Process of Financial Opening was published by China Social Sciences Press in September 2013.

5 "Research on the Relationship between Educational Equity and Economic and Social Development", 2011-2014, Ministry of Education, main participant

The study of the relationship between educational equity and economic and social development includes two closely related sub-topics, one is the research on the current situation, mechanism and countermeasures of educational equity as manifested by equal educational opportunities, and the other is through the analysis of intergenerational transmission of human capital and social mobility. The current situation is to study the role of achieving educational equity in economic and social development, the improvement of income distribution, and the strengthening of social construction.

6 "Research on Several Issues of Rural Financial Risk in China", Special Research Fund of Central University of Finance and Economics, 2011, project participants are personally responsible for the topic: practical innovation of rural finance

Due to the remote geographical location of most rural areas in China, poor infrastructure, low

education level of farmers, uncertainty of agricultural production and lack of risk hedging tools, financial institutions in China's system are seriously insufficient in financial services for rural areas and farmers. China's financial system has long played the role of an ATM in the countryside, absorbing deposits from rural farmers and channeling most of the collected funds to the cities to support industrialization and urbanization, and even once "only deposited but not lend". Farmers struggle to use modern financial services to develop production and improve their livelihoods. From the perspective of theory and rural household practice, the relationship between financial development and economic development and the development strategy of rural financial market is analyzed. The project results, Research on Several Issues of Financial Risk in Rural China, were published by China Social Sciences Press in June 2011.

6. Chengdu Land System Reform Practice Survey, Chengdu Municipal Party Committee and Municipal Government, 2009, participant

Around the Spring Festival in 2009, the research team of the National Institute of Development of Peking University, under the leadership of Professor Zhou Qiren, went to Chengdu to conduct research on land system innovation. The research group visited the relevant departments of Chengdu and its subordinate counties, obtained a lot of data, and also went to the village to have face-to-face exchanges with returning migrant workers and local farmers. The results of the project, "Returning Power and Empowerment: Laying a Reliable Foundation for Long-term Development: A Survey Report on the Practice of Land System Reform in Chengdu", were released and published on June 25, 2009.

Lectures and academic reports

1. "The Application of Mathematics in Finance and Economics Professions," Yunnan University of Economics and Management, December 2018.
2. "Credit Risk Management," Southwest University of Finance and Economics, April 2017.
3. "Illiquidity, Capital Gains, and the Effect of Their Interaction on Stock Returns," School of Finance, Southwest University of Finance and Economics, April 2013.
4. "Illiquidity, Capital Gains, and the Effect of Their Interaction on Stock Returns," School of Economics, Peking University, March 2013.
5. "Capital Gains and Trading," Peking University, November 2012.
6. "A Leveraged Firm with Multiple Projects: Optimal Strategy and Its Applications," School of Finance, Renmin University of China, May 2010.
7. "A Leveraged Firm with Multiple Projects: Optimal Strategy and Its Applications," China Institute for Financial Development, Central University of Finance and Economics, March 2009.

Anonymous reviewers

1. Journal of International Financial Markets, Institutions and Money
2. Pacific-Basin Finance Journal

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3. Economics (Quarterly).
 4. Journal of Financial Research
 5. Investment Research

Winning

"Asset Allocation Choices of Chinese Households: Health Conditions and Risk Preferences," by Lei Xiaoyan and Zhou Yuegang (January 2010, Issue 1), awarded the Second Prize for Excellent Paper in the 2nd Financial Research Conference.

service

1. The Ministry of Human Resources and Social Security initiated and funded the "Overseas Talents Serving the Country" Sichuan Tour, conducting visits and research, providing advice and strategies, and consulting on project coordination in 2021 and 2023.
2. The Ministry of Human Resources and Social Security initiated and funded the "Overseas Talents Serving the Country" Hainan Tour, conducting visits and research, providing advice and strategies, and consulting on project coordination in 2019.
3. Homeroom Teacher, China Academy for Financial Development, Central University of Finance and Economics, 2009-2013.