Xuguang Simon Sheng

University Webpage: http://www.american.edu/cas/faculty/sheng.cfm
Google Scholar: https://scholar.google.com/citations?user=sYN9wMAAAAAJ&hl=en

Contact Information

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Personal Information

Born in January 1978

United States Citizen

Professional Experience

- Associate Professor of Economics (with tenure), American University, September 2016 – present
- Visiting Scholar, International Monetary Fund, March – July 2020
- Visiting Scholar, Federal Reserve Bank at Atlanta, March 2019
- Visiting Scholar, Bank of Finland, Finland, June 2018
- Visiting Scholar, National Bank of Poland, Poland, September 2016
- Visiting Scholar, Centre for European Economic Research (ZEW), Germany, June – July 2012
- Assistant Professor of Economics, American University, September 2010 – August 2016
- Assistant Professor of Economics, SUNY at Fredonia, September 2008 – August 2010
- Visiting Lecturer, SUNY at Binghamton, January – December 2007

Education

- Ph.D. (Economics), State University of New York at Albany
- B.A. (Economics), Renmin University of China

Research Interests

Time Series Econometrics, Monetary Policy, Business Cycles

Editorial Positions

- Associate Editor, International Journal of Forecasting, July 2019 – present
- Associate Editor, Oxford Open Economics, July 2021 – present
- Guest Editor, with Laurent Ferrara, for the special issue on "*Economic Forecasting in Times of Covid-19*," International Journal of Forecasting, forthcoming

- Guest Editor, with Gloria González-Rivera and Prakash Loungani, for the special issue on "*Forecasting Issues in Developing Economies*," International Journal of Forecasting (2019), vol. 35, pp. 927-1192.

Publications

1. Stock Prices and Economic Activity in the Time of Coronavirus, with S. Davis and D. Liu, forthcoming in **IMF Economic Review**
2. Term Structure of Uncertainty: New Evidence from Survey Expectations, with C. Binder and T. McElroy, forthcoming in **Journal of Money, Credit and Banking**
3. Measuring Uncertainty of a Combined Forecast and Some Tests for Forecaster Heterogeneity, with K. Lahiri and H. Peng, forthcoming in **Advances in Econometrics**
4. The Impact of the COVID-19 Pandemic on Business Expectations, with B. Meyer and B. Prescott, forthcoming in **International Journal of Forecasting**
5. Identifying External Debt Shocks in Low- and Middle-Income Countries (2021), with R. Sukaj, **Journal of International Money and Finance**, vol. 110, pp. 1-17.
6. Monitoring Recessions: A Bayesian Sequential Quickest Detection Method (2021), with H. Li and J. Yang, **International Journal of Forecasting**, vol. 37, pp. 500-510.
7. Dating COVID-Induced Recession in the U.S. (2021), with H. Li, **Applied Economics Letters**, vol. 28, pp. 1723-1727.
8. Expectation Formation Following Large Unexpected Shocks (2020), with S. Baker and T. McElroy, **Review of Economics and Statistics**, vol. 102, pp. 287-303.
9. Do Managers Use Earnings Forecasts to Fill a Demand They Perceive from Analysts? (2020) with O. Barron, J. Cao, M. Thevenot and B. Xin, In C.F. Lee and J.C. Lee (eds.) **Handbook of Financial Econometrics, Mathematics, Statistics, and Machine Learning**, pp. 101-149, World Scientific.
10. The Measurement and Transmission of Macroeconomic Uncertainty: Evidence from the U.S. and BRIC Countries (2019), with Y. Liu, **International Journal of Forecasting**, vol. 35, pp. 967-979.
11. Measuring Global and Country-specific Uncertainty (2018), with E. Ozturk, **Journal of International Money and Finance**, vol. 88, pp. 276-295.
12. Combinations of "Combinations of P-values" (2017), with L. Cheng, **Empirical Economics**, vol. 53, pp. 329-350.
13. Measuring Disagreement in Qualitative Expectations (2015), with F. Mokinski and J. Yang, **Journal of Forecasting**, vol. 34, pp. 405-426.
14. Quantifying Differential Interpretation of Public Information Using Financial Analysts' Earnings Forecasts (2015), with M. Thevenot, **International Journal of Forecasting**, vol. 31, pp. 515-530.
15. Evaluating the Economic Forecasts of FOMC Members (2015), **International Journal of Forecasting**, vol. 31, pp. 165-175.

16. Truncated Product Methods for Panel Unit Root Tests (2013), with J. Yang, **Oxford Bulletin of Economics and Statistics**, vol. 75, pp. 624-636.
17. An Adaptive Truncated Product Method for Combining Dependent P-values (2013), with J. Yang, **Economics Letters**, vol. 119, pp. 180-182.
18. A New Measure of Earnings Forecast Uncertainty (2012), with M. Thevenot, **Journal of Accounting and Economics**, vol. 53, pp. 21-33.
19. Analyzing Three-dimensional Panel Data of Forecasts (2011), with A. Davies and K. Lahiri, in M.P. Clements and D.F. Hendry (eds.) **Oxford Handbook on Economic Forecasting**, pp. 473-495, Oxford University Press.
20. Panel Unit Root Tests by Combining Dependent P-values: A Comparative Study (2011), with J. Yang, **Journal of Probability and Statistics**, vol. 2011, Article ID 617652, 17 pages.
21. Measuring Forecast Uncertainty by Disagreement: The Missing Link (2010), with K. Lahiri, **Journal of Applied Econometrics**, vol. 25, pp. 514-538.
22. Learning and Heterogeneity in GDP and Inflation Forecasts (2010), with K. Lahiri, **International Journal of Forecasting**, vol. 26, pp. 265-292.
23. Evolution of Forecast Disagreement in a Bayesian Learning Model (2008), with K. Lahiri, **Journal of Econometrics**, vol. 144, pp. 325-340.

Working Papers and Work in Progress

1. Disagreement in Consumer Inflation Expectations, with T. Lyziak, 2nd revised and resubmitted to **Journal of Money, Credit and Banking**
2. Inattention and the Impact of Monetary Policy, with S. Abo-Zaid and Z. An, under revision for **Journal of Applied Econometrics**
3. Augmented Information Rigidity Test, with T. McElroy, submitted
4. Unit Cost Expectations and Uncertainty: Firms' Perspectives on Inflation, with B. Meyer and N. Parker
5. Economic Policy Uncertainty in China since 1949: The View from Mainland Newspapers, with S. Davis and D. Liu
6. The Households' Inflation Expectations in China: Evidence from a New Survey, with O. Coibion, Y. Gorodnichenko, Z. Fan and G. Zhang
7. Policy Intervention and Chinese Stock Market During the COVID-19 Pandemic, with S. Davis and D. Liu
8. Cross-country Evidence on the Revenue Impact of Tax Reforms, with D. Amaglobeli, and V. Crispolti
9. Housing Decisions under Uncertainty: A Real Options Perspective, with Z. Duan
10. Health Shocks in A General Equilibrium Model, with S. Abo-Zaid

Teaching

- ECON 896: Seminar in Economic Forecasting (3rd year PhD level course)
- ECON 882: Seminar in Empirical Macroeconomics (3rd year PhD level course)
- ECON 823: Econometric Methods (1st year PhD level course)
- ECON 624: Applied Econometrics II (2nd year Master level course)
- ECON 623: Applied Econometrics I (1st year Master level course)
- ECON 480: Senior Research Seminar (Advanced Undergraduate course)
- ECON 322: Introduction to Econometrics (Undergraduate course)
- ECON 301: Intermediate Macroeconomics (Undergraduate course)
- ECON 100: Principles of Macroeconomics (Introductory Undergraduate course)

Awards

- Isaac Kerstenetzky Award, Fundação Getulio Vargas (FGV) of Brazil, 2021
- International Travel Award, American University, 2012, 2015, 2018
- CAS Mellon Faculty Development Award, American University, 2014, 2015, 2018
- Heinz König Young Scholar Award, Centre for European Economic Research (ZEW), 2010
- Distinguished Doctoral Dissertation Award, SUNY at Albany, 2008
- Pong Lee Award for Excellence in Teaching, SUNY at Albany, 2007

Conference Organizer

1. Fourth Biennial Conference (online) on "*Uncertainty and Economic Activity: Global Perspectives*" May 13-14, 2021

   https://www.american.edu/cas/economics/uncertainty-and-economic-activity.cfm
2. Third Biennial Conference on "*Uncertainty and Economic Activity: Measurement, Facts and Fiction*" in Beijing, China, May 10-11, 2018

   http://econ.ruc.edu.cn/displaynews.php?id=14660
3. Second Biennial Conference on "*Impact of Uncertainty Shocks on the Global Economy*" in London, UK, May 12-13, 2016

   http://www.pramu.ac.uk/wp-content/uploads/2016/05/Programme-v2-11-04.pdf
4. First Biennial Conference on "*Uncertainty and Economic Forecasting*" in London, UK, May 8-9, 2014

   http://pramu.ac.uk/wp-content/uploads/2014/05/Workshop-Programme-Final_1.pdf
5. 26th IIF Workshop (online) on "*Economic Forecasting in Times of Covid-19*" July 6-7, 2020

https://www.american.edu/cas/economics/forecasting/

6. 21st IIF Workshop on "*Forecasting Issues in Developing Economies*" in Washington, DC, US, April 26-27, 2017

   http://unassumingeconomist.com/2017/04/workshop-on-forecasting-issues-in-developing-economies/

Selected Conference and Seminar Presentations Since 2016

<u>2022</u>

- IMF Fiscal Affair Department (scheduled)

<u>2021</u>

- 35th CIRET Conference
- 15th CFE conference
- 23rd Dynamic Econometrics Conference
- H.O. Stekler Research Program on Forecasting Seminar
- 23rd Federal Forecasters Conference
- ESCoE Conference on Economic Measurement
- 41st International Symposium on Forecasting
- 8th IAAE Annual Conference
- School of Economics at University College Dublin
- 91st Southern Economic Association Annual Meeting
- 2nd Applied Macroeconomics Forum on "*Use of AI and Machine Learning in Macroeconomic Research*"

<u>2020</u>

- Conference on "*Structural Reforms and Economic Development in the Face of Increasing Uncertainty*"
- Philadelphia Fed Conference on "*Real-Time Data Analysis, Methods and Applications*"
- 40th International Symposium on Forecasting
- 21st IWH-CIREQ-GW Macroeconometric Workshop
- 113th National Tax Association Annual Conference
- 14th International Conference on Computational and Financial Econometrics

<u>2019</u>

- 3rd Forecasting at Central Banks Conference, Bank of Canada
- Georgetown Center for Economic Research Biennial Conference

- 21st Dynamic Econometrics Conference
- Tsinghua Workshop in Macroeconomics
- 2nd China International Conference in Macroeconomics
- Federal Reserve Board's conference on "*Nontraditional Data, Machine Learning, and Natural Language Processing in Macroeconomics*"

2018

- Bank of Finland
- European Central Bank
- Federal Reserve Board
- AEA Annual Meeting
- 5th Annual IAAE Conference
- Stanford Workshop on "*The Macroeconomics of Uncertainty and Volatility*"
- University of Chicago Conference on "*Developing and Using Business Expectations Data*"
- 3rd Biennial Conference on "*Uncertainty and Economic Activity: Measurement, Facts and Fiction*"
- 10th ECB Workshop on "*Forecasting Techniques: Economic Forecasting with Large Datasets*"
- Cleveland Fed Conference on "*Inflation: Drivers & Dynamics*"
- Philadelphia Fed Conference on "*Real-time Data Analysis, Methods, and Applications*"

2017

- St. Louis Fed Conference on "*Central Bank Forecasting*"
- IMF workshop on "*Forecasting Issues in Developing Economies*"
- Georgetown Center for Economic Research Biennial Conference

2016

- AEA Annual Meeting
- Stanford Workshop on "*The Macroeconomics of Uncertainty and Volatility*"
- 3rd Annual IAAE Conference
- 2nd Biennial Conference on "*Impact of Uncertainty Shocks on the Global Economy*"
- 17th OxMetrics User Conference

Service to American University

Department, College and University Service:

- Co-chair, Dean's Advisory Committee, 2021-present
- Member, Dean's Advisory Committee, 2020-21
- Member, Rank and Tenure Review Committee, 2017-present
- Member, Department Budget Committee, 2019-present
- Member, Undergraduate Studies Committee, 2018-19
- Member, Faculty Search Committee, 2010-11, 2011-12
- Member, Grievance Committee, 2013-14, 2014-15, 2015-16, 2016-17
- Member, Merit Pay Committee, 2013-14, 2015-16, 2020-21
- Member, Committee on Ph.D. Program Reform, 2014-15
- Department Seminar Coordinator, 2011-12, 2015-16
- CAS Student Research Conference (Judge in 2013, and Moderator in 2021)
- Academic Computing Advisory Committee (2012-2013)

<u>Ph.D. Dissertation Committee Chair:</u>

1. Jisung Moon, "The Determinants of Global Bank Branches' Transactions with Parent Banks," in progress
2. Longji Li, "Economic Effects of Tax Policy News," in progress
3. Dingqian Liu, "Policy Uncertainty, Attention Allocation and Stock Market Performance," in progress
4. Youngil Choi, "Uncertainty and Investment Dynamics," 2021
5. Gustavo Rojas-Matute, "Heterogeneity in Expectations, Official Information and Price-Setting Behavior," 2021

   (*Initial Placement:* Economist, Moody's Analytics)
6. Hoossam Malek, "Expectations Formation in Bank Microdata," 2021

   (*Initial Placement*: Economist, Federal Reserve Board)
7. Jeffrey Levy, "Essays on Uncertainty and Macroeconomic Dynamics," 2021

   (*Initial Placement*: Assistant Instructional Professor, University of Chicago)
8. Zheng Duan, "The Impact of Uncertainty on Household's Housing Decisions," 2020

   (*Initial Placement*: Economist, Fannie Mae)
9. Romina Kazandjian, "Information Rigidity and the Business Cycle: A New Theory and Stylized Facts," 2020

   (*Initial Placement*: Economist, International Monetary Fund)
10. James Smith, "Three Essays on the Phillips Curve," 2019

    (*Initial Placement*: Economist, Fannie Mae)

11. Zidong An, "Information Rigidity and Macroeconomic Dynamics," 2019
    (*Initial Placement*: Associate Professor, Renmin University of China)
12. Ermengarde Jabir, "The Macroeconomics of Real Estate Investing," 2019
    (*Initial Placement*: Economist, REMI)
13. Yang Liu, "Measuring Micro and Macro Uncertainty," 2019
    (*Initial Placement*: Economist, Fannie Mae)
14. Rubena Sukaj, "Three Essays on External Debt of Low- and Middle-Income Countries," 2018
    (*Initial Placement*: Economist, World Bank; recipient of *Doctoral Dissertation Fellowship*, inducted in the *AU Hall of Fame*)
15. Ezgi Ozturk, "Economic Uncertainty and Business and Financial Cycles," 2015
    (*Initial Placement*: Economist, International Monetary Fund)

<u>Advised Undergraduate Research:</u>

1. Jonathan Wallen, "Information Rigidity in Macroeconomic Forecasts: An International Empirical Investigation," 2015
   (*Initial Placement*: Ph.D. program in Stanford University, recipient of *Outstanding Scholarship at the Undergraduate Level Award*)
2. Joshua Sucec, "What Determines Household Mortgage Choices?" in progress
   (recipient of *2021 AU Summer Scholarship*)

Service to the Profession

<u>Referee and Grant Reviewer:</u>

Quarterly Journal of Economics, Journal of Finance, Quantitative Economics, International Economic Review, Economic Journal, Journal of Econometrics, Review of Economics and Statistics, Journal of Monetary Economics, Journal of Money, Credit and Banking, Journal of Business and Economic Statistics, Journal of Applied Econometrics, International Journal of Forecasting, Journal of Forecasting, Oxford Bulletin of Economics and Statistics, Studies in Nonlinear Dynamics & Econometrics, Empirical Economics, Economics Letters, Southern Economic Journal, Economic Modelling, Journal of Macroeconomics, Macroeconomic Dynamics, Economic Analysis and Policy, International Finance, Journal of International Money and Finance, The American Economist, Journal of Economic Psychology, International Review of Financial Analysis, Global Finance Journal, Statistical Papers, Journal of Behavioral and Experimental Finance, Advances in Econometrics, Journal of Quantitative

Economics, Econometrics, National Science Foundation, Social Sciences and Humanities Research Council, European Research Council

Member:

American Economic Association (AEA), International Association for Applied Econometrics (IAAE), International Institute of Forecasters (IIF), Euro Area Business Cycle Network (EABCN), Research Program on Forecasting at GWU, Centre for International Research on Economic Tendency Surveys (CIRET)

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