XUAN LIU, PHD

liuxuan72@gmail.com site.google.com/sites/macrointerest Cell: 804.618.4686

ACADEMIC EXPERIENCE

EAST CAROLINA UNIVERSITY, Greenville, NC **2007 – current**

Associate Professor (2013-current); **Assistant Professor** (2007-2013)

Research Interests:

1. Business cycle and asset pricing
2. Policy analysis and time consistency
3. Empirical tests of modelling assumptions
4. Numerical algorithms in solving DSGE models

EDUCATION

PhD, Economics, Duke University, Durham, NC **2002 – 2007**

MA, Public Policy, College of William and Mary, Williamsburg, VA **2000 – 2002**

BA, International Finance, Peking University, Beijing, China **1990 – 1995**

TEACHING

Course Taught

1. Data Analysis with Python for graduate and undergraduate students
2. Macroeconomics of various levels

RESEARCH

Selected Publications:

1. **Xuan Liu** and Zhiwei Cui, 2009. Approximation Errors of Perturbation Methods in Solving a Class of Dynamic Stochastic General Equilibrium Models, ***Computational Economics***, 38(2), 107-128.
2. Mohammad R. Jahan-Parvar, **Xuan Liu**, and Phil Rothman, 2013. Equity Returns and Business Cycles in Small Open Economies, ***Journal of Money***, ***Credit and Banking***, 45(6), 1117-1146.

3. **Xuan Liu**, 2013. Time Consistency of Optimal Monetary and Fiscal Policy in a Small Open Economy, ***Journal of International Money and Finance***, 36, 47-67.
4. **Xuan Liu**, Fang Yang, Zongwu Cai, 2016. Does Relative Risk Aversion Vary with Wealth? Evidence from Households' Portfolio Choice Data, ***Journal of Economic Dynamics and Control***, 69, 229-248.
5. Houyang Du, Ye Guo, and **Xuan Liu**, 2018. How Does the Timing of Markets Affect Optimal Monetary and Fiscal Policy in Sticky Price Models? ***Economic Modelling***, 72, 237-248.
6. Zhognyuan Geng and **Xuan Liu**, 2019. Optimal Input Trade Policy under Economic Uncertainties in a Small Open Economy. ***Applied Economics***, 51(20), 2155-2171.

Selected Working Papers:

1. Zongwu Cai, Haiyong Liu, and **Xuan Liu**, 2023. Time Varying Relative Risk Aversion: Mechanism and Evidence. Working paper, Submitted
2. T.J. Cheng and **Xuan Liu**, 2023, Long-term Instability of A Monetary Union. Working paper.
3. Zhiyong Duan and **Xuan Liu**, 2023. Solving DSGE Models with Lucas Distributions: Approximating Policy Functions Around the Quasi-Mean. Working paper.

Books:

1. **Xuan Liu**, Time Consistency of Optimal Fiscal Policy in a Small Open Economy, ISBN-13:978-3-659-56410-9,
2. **Xuan Liu**, Macroeconomics, An Integrated Analytical Framework. ISBN 978-1-7935-0600-9

PROFESSIONAL SERVICE

Referee for:

Applied Economics, Computational Economics, Emerging Market Finance and Trade, International Economic Review, International Journal of Finance and Economics, Journal of Economic Policy Reform, Journal of International Economics, Journal of International Money and Finance, Journal of Money, Credit and Banking, Natural Hazards, Open Economic Review, Southern Economic Journal, Structural Change and Economic Dynamics, Technological and Economic Development of Economy, and others.