

Michael Shin

CONTACT INFORMATION	Rm 529 Lvl 5 Codrington Building Sydney, NSW, 2006	mikejshin.com michael.shin@sydney.edu.au
RESEARCH FIELDS	Macroeconomics, financial economics, learning, asset pricing, household finance, experimental finance	
EMPLOYMENT	The University of Sydney , Sydney, AU Lecturer, Business School, Discipline of Finance	2019 - Present
EDUCATION	University of California, Irvine , Irvine, CA Ph.D., Economics Dissertation: <i>Learning and Asset Pricing</i> Chair: William Branch M.A., Economics	2019 2015
	University of California, Riverside , Riverside, CA B.A. (cum laude), Business Economics	2014
PUBLICATIONS	<p>“Endogenous Participation, Risk, and Learning in the Stock Market”, <i>Macroeconomic Dynamics</i>, 2020, 1-33.</p> <p>“Subjective Expectations, Experiences, and Stock Market Participation: Evidence From the Lab” <i>Journal of Economic Behavior & Organization</i>, 2021, 186: 672-689.</p> <p>Abstract: Recent evidence suggests that stock market experiences, i.e. realized returns, impact subjective expected returns. I bring a model into the laboratory and find that experience-based subjective expected returns can help explain limited stock market participation. In the experiment, the probability of subjects participating in the stock market is increasing in both their subjective expected returns and past realized returns. I find that “learning from experience” generates heterogeneity in subjective expected returns, where subjects who “experience” low returns have lower subjective expected returns than subjects who only observe low returns. This experience effect is asymmetric, where subjects who experience high returns have no statistically significant difference in their subjective expected returns than subjects who only observe high returns. Finally, after a series of low returns, a fraction of subjects leave the stock market indefinitely.</p>	
WORKING PAPERS	<p>“Heterogeneous Experience and Constant-gain Learning” (with John Duffy)</p> <p>Abstract: Recent evidence suggests that agents may base their forecasts for macroeconomic variables mainly on their personal life experiences. We connect this behavior to the concept of constant-gain learning (CGL) in macroeconomics. Our approach incorporates both heterogeneity in the life cycle via the perpetual youth model and learning from experience (LfE) into a linear expectations model where agents are born and die with some probability every period. For LfE, agents employ a decreasing-gain learning (DGL) model using data only from their own lifetimes. While agents are using DGL individually, we show that in the aggregate,</p>	

expectations follow an approach related to CGL, where the gain is now tied to the probabilities of birth and death. We provide a precise characterization of the relationship between CGL and our model of perpetual youth learning (PYL) and show that PYL can well approximate CGL while pinning down the gain parameter with demographic data. Calibrating the model to U.S. demographics leads to gain parameters similar to those found in the literature. Further, variation in birth and death rates across countries and time periods can help explain the empirical time-variation in gains.

WORKS IN
PROGRESS

“CEO Inflation Experience, Attention, and Corporate Decisions” (with Diego Garcia, Chanik Jo, and Siyuan Wu)

“Endogenous Stock Market Participation and Time-varying Volatility” (with Guanglian Hu)

“Learning, Hypothesis Testing, and Restricted-Perceptions Equilibrium”

PRESENTATIONS

- 2023 Econometrics Society Australasian Meeting
UNSW, Sydney August 2023
- 29th International Conference for Computing in Economics
Universite Cote d’Azur, Nice July 2023
- 5th Behavioral Macroeconomics Workshop
Bamberg University, Bamberg June 2023
- BSE Workshop on Expectations in Macroeconomics
Barcelona School of Economics, Barcelona June 2023
- CEPR 8th European Workshop on Household Finance
(as Discussant) *Monash University, Melbourne* April 2023
- TU Wien Economics Seminar
Vienna University of Technology, Vienna Feb 2023
- The University of Sydney Macro-Trade Seminar
The University of Sydney, Sydney Sept 2022
- 3rd Conference on Advances in Macro-Finance
Monash University, Melbourne Dec 2019
- 14th Annual Australia New Zealand Workshop in Experimental
Economics, *Monash Business School, Melbourne* Nov 2019
- 9th FIRN Annual Conference, *Byron Bay, NSW* Nov 2019
- North American Summer Meeting of the Econometric Society,
University of Washington June 2019
- 10th International Workshop on Theoretical and Experimental
Macroeconomics, *Bank of Canada, Ottawa* June 2019
- 4th Annual Southwest Experimental and Behavioral Economics
Workshop, *Claremont Graduate University* May 2019
- UCI Macroeconomics Seminar, *University of California, Irvine* Nov 2018
- IMBS Seminar, *University of California, Irvine* Oct 2018
- 24th International Conference for Computing in Economics
and Finance, *Universita Cattolica del Sacro Cuore, Milan* June 2018
- 1st Behavioral Macroeconomics Workshop,
University of Bamberg, Bamberg June 2018
- 26th Symposium of the Society of Nonlinear Dynamics,
Keio University, Tokyo Mar 2018
- Midwest Macro Fall, *University of Pittsburgh* Nov 2017
- 13th Annual Graduate Student Conference,
Washington University in St. Louis Oct 2017
- Luce Graduate Student Conference, *University of California, Irvine* June 2017

TEACHING	Coordinator FINC5001 Foundations in Finance	August 2020 – present
REFEREEING	Journal of Economic Dynamics and Control, Economic Inquiry, European Economic Review	
REFERENCES	<p>William Branch Department Chair and Professor of Economics Department of Economics University of California, Irvine</p> <p>John Duffy Professor of Economics Department of Economics University of California, Irvine</p> <p>Eric Swanson Professor of Economics Department of Economics University of California, Irvine</p> <p>Cars Hommes Professor of Economic Dynamics CeNDEF University of Amsterdam</p>	<p>Phone: (949) 824-4221 email: wbranch@uci.edu</p> <p>Phone: (949) 824-8341 email: duffy@uci.edu</p> <p>Phone: (949) 824-8305 email: eric.swanson@uci.edu</p> <p>Phone: +31 (020) 525-4246 email: c.h.hommes@uva.nl</p>