

Yi-Ta Lu

CONTACT INFORMATION	Department of Political Science Stony Brook University Stony Brook, NY, 11794, USA	yi-ta.lu@stonybrook.edu https://yitalu.github.io
ACADEMIC POSITIONS	Postdoctoral Researcher Department of Human Behavior, Ecology and Culture Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany Graduate Lecturer Department of Political Science Stony Brook University, NY, USA	<i>Since:</i> Sep 2021 Summer 2018 to May 2021
EDUCATION	Ph.D. in Political Science Stony Brook University, NY, USA M.A. in Economics Stony Brook University, NY, USA M.S. in Physics National Chiao Tung University, Taiwan B.S. in Physics National Cheng Kung University, Taiwan	May 2021 Dec 2015 Jun 2011 Jun 2009
DOCTORAL DISSERTATION	<i>Policy Cooperation Under Threats: Effects of Competition on Coalition Lobbying</i> Committee: Oleg Smirnov (Advisor), Reuben Kline, John Barry Ryan, Tim Johnson	
RESEARCH INTERESTS	Behavioral Political Economy, Collective Actions, Cultural Evolution, Demography	
RESEARCH METHODS	Computational Modeling, Game Theory, Statistical Analysis, Lab Experiments, Survey Experiments	
RESEARCH EXPERIENCE	Graduate Research Assistant Department of Political Science Stony Brook University Supervisor: Andrew Delton, John Barry Ryan, Oleg Smirnov, and Peter DeScioli Visiting Student Department of Psychology The Ohio State University Supervisor: Ian Krajbich Full-Time Research Assistant Department of Economics National Taiwan University, Taiwan Supervisor: Chen-Ying Huang	Aug 2016 to May 2018 Jun 2015 to Aug 2015 Jun 2012 to Jul 2014
PEER-REVIEWED JOURNAL PUBLICATIONS	Chung, H. K., Sjöström, T., Lee, H. J., Lu, Y. T. , Tsuo, F. Y., Chen, T. S., Chang, C. F., Juan, C. H., Kuo, W. J., and Huang, C. Y. “Why Do Irrelevant Alternatives Matter? an fMRI-TMS Study of Context-Dependent Preferences.” <i>Journal of Neuroscience</i> , 2307-16, 2017.	

Deng, D. M., **Lu, Y. T.**, and Chang, C. H. “Fluctuation Relations Between Hierarchical Kinetically Equivalent Networks With Arrhenius-Type Transitions and Their Roles in Systems and Structural Biology.” *Physical Review E*, 95(6), 062401, 2017.

WORKING PAPERS **Lu, Y. T.**, Hwang, W. H., Hsieh, Y. T., Ho, T. Y., Zhu, J. D., Wu, S. W., Yeh, C. I., and Huang, C. Y. “On Morality in Monkeys” 2020. Submitted to *eLife*.

“An Agent-Based Model of Elections with Endogenous Candidates, Voters, and Media” with Oleg Smirnov and John Barry Ryan.

“Does Media Bias Cause Political Polarization? an Agent-Based Model of Biased Media, Motivated Reasoners, and Political Polarization” (single author).

“Endorsed Misinformation on Twitter: Retweeting, Bandwagon Cues, and the Conspiracy Theory during COVID-19” with Inyoung Shin and Luxuan Wang.

“Trust, Inequality and Redistributive Demands in Latin America” with Robert Vidigal.

WORK IN PROGRESS “Policy Cooperation Under Threats: Effects of Competition on Coalition Lobbying” with Oleg Smirnov.

“Partisanship, Polarization, and Inequality Over Time” with Matthew Lebo and Gregory Koger.

PROGRAMS AND AWARDS International Winter School on Agent-Based Modeling (with [certificate](#)) Jan 4-15, 2021
Network for Computational Modeling in Social and Ecological Sciences
Arizona State University

BIGSSS Summer School in Computational Social Science *Expected: Jul 2020*
Department of Sociology
University of Groningen, Netherlands
(*program postponed to Jul 2021 due to COVID-19 outbreak*)

SICSS Grant for Survey Experiment on Amazon Mechanical Turk (\$1000) Jul 2020
Summer Institute in Computational Social Science
Duke University

Summer Institute in Computational Social Science at Rutgers Jun 15-26, 2020
DIMACS (Center for Discrete Mathematics and Theoretical Computer Science)
Rutgers New Brunswick Libraries
Department of Political Science, Rutgers University

Full Tuition Scholarship and Stipend Fall 2016 to Present
Department of Political Science
Stony Brook University

Introduction to Complexity (with [certificate](#)) Fall 2019
Courses by Complexity Explorer
Santa Fe Institute

Introduction to Agent-Based Modeling (with [certificate](#)) Summer 2019
Courses by Complexity Explorer
Santa Fe Institute

Excellent Achievement Award 2005
for participation in the *Physics Contest* within the top 5 percent of all the students
participated in the academic year, National Cheng Kung University, Taiwan

	<p>Distinguished Achievement Award 2005 for participation in the <i>Calculus Contest</i> within the top 10 percent of all the students participated in the academic year, National Cheng Kung University, Taiwan</p>
PRESENTATIONS	<p>“Does Media Bias Cause Political Polarization? An Agent-based Model of Biased Media, Motivated Reasoners, and Political Polarization” at the American Political Science Association Annual Meeting, San Francisco, CA Sep 10, 2020</p> <p>“Partisanship, Polarization, and Inequality Over Time” at the Midwest Political Science Association Conference, Chicago, IL <i>Expected:</i> Apr 19, 2020 <i>(conference canceled due to COVID-19 outbreak)</i></p> <p>“Group Cooperation in a Policy Bargaining Game” at the Center for Behavioral Political Economy, Stony Brook University Feb 12, 2020</p> <p>“An Agent-based Model of Elections with Endogenous Candidates, Voters, and Media” at the Midwest Political Science Association Conference, Chicago, IL Apr 6, 2019</p> <p>“Distributional Preferences under Rank Reversal Aversion” at the Center for Behavioral Political Economy, Stony Brook University Mar 6, 2018</p>
TEACHING	<p>Instructor Summer 2018 to Present</p> <ul style="list-style-type: none"> • World Politics Department of Political Science Stony Brook University <p>Teaching Assistant</p> <ul style="list-style-type: none"> • Neuroeconomics (with Prof. Chen-Ying Huang) Spring 2014 Department of Economics National Taiwan University <p>Courses Can Offer</p> <ul style="list-style-type: none"> • Undergraduate: World Politics, Statistics, Research Methods • Graduate: Political Economy, Behavioral Economics, Cooperation, Game Theory, Computational Modeling, Data Analysis, Experimental Design
SKILLS	<p>Software Python, R, Stata, oTree, NetLogo, Matlab, Mathematica, L^AT_EX, Qualtrics</p> <p>Language English (fluent), Mandarin (native), Taiwanese (intermediate)</p>
PROFESSIONAL ACTIVITIES	<p>Affiliations Center for Behavioral Political Economy, Stony Brook University</p> <p>Memberships American Political Science Association, Midwest Political Science Association, Society for Political Methodology</p> <p>Service Discussant APSA 2020</p>
REFERENCES	<p>Available Upon Request.</p>