

Yi-Ta Lu

CONTACT INFORMATION	Department of Political Science Stony Brook University Stony Brook, NY 11794	631-632-7667 yi-ta.lu@stonybrook.edu https://yitalu.github.io
RESEARCH INTERESTS	Behavioral Political Economy, Collective Action, Agent-Based Modeling, Experimental Social Science	
EDUCATION	Stony Brook University , Stony Brook, NY Ph.D., Political Science, <i>Expected</i> : May 2021 <ul style="list-style-type: none">Dissertation: <i>Policy Cooperation Under Threats: Effects of Competition Between Interest Groups</i>Advisor: Oleg Smirnov M.A., Economics, Dec 2015 <ul style="list-style-type: none">Thesis: <i>Social Preferences Behind the Veil of Ignorance: An Experiment on Amazon Mechanical Turk</i>Advisor: Reuben Kline National Chiao Tung University , Taiwan M.S., Physics, June 2011 <ul style="list-style-type: none">Thesis: <i>Measurement Uncertainty in Biological Receptor</i>Advisors: Cheng-Hung Chang National Cheng Kung University , Taiwan B.S., Physics, June 2009	
RESEARCH EXPERIENCE	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 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.” <i>Physical Review E</i> , 95(6), 062401, 2017.	

SUBMITTED JOURNAL PUBLICATIONS	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 <i>eLife</i> .	
PAPERS IN PREPARATION	<p>“An Agent-Based Model of Elections with Endogenous Candidates, Voters, and Media” with Oleg Smirnov and John Barry Ryan.</p> <p>“Partisanship, Polarization, and Inequality Over Time” with Matthew Lebo and Gregory Koger.</p> <p>“Does Media Bias Cause Political Polarization? an Agent-Based Model of Biased Media, Motivated Reasoners, and Political Polarization” (single author).</p> <p>“Trust, Inequality and Redistributive Demands in Latin America” with Robert Vidigal.</p> <p>“Group Cooperation in the Context of Climate Negotiation: An Agent-Based Model” with Oleg Smirnov.</p>	
PROGRAMS AND AWARDS	<p>BIGSSS Summer School in Computational Social Science <i>Expected: Jul 2020</i> Department of Sociology University of Groningen, Netherlands (program postponed to Jul 2021 due to COVID-19 outbreak)</p> <p>SICSS Grant for Survey Experiment on Amazon Mechanical Turk (\$1000) Jul 2020 Summer Institute in Computational Social Science at Rutgers</p> <p>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</p> <p>Full Tuition Scholarship and Stipend Fall 2016 to Present Department of Political Science Stony Brook University</p> <p>Introduction to Complexity (with certificate) Fall 2019 Courses by Complexity Explorer Santa Fe Institute</p> <p>Introduction to Agent-Based Modeling (with certificate) Summer 2019 Courses by Complexity Explorer Santa Fe Institute</p> <p>Excellent Achievement Award 2005 for participation in the <i>Physics Contest</i> within the top 5 percent of all the students participated in the academic year, National Cheng Kung University, Taiwan</p> <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 <i>Expected: Sep 10, 2020</i></p> <p>“Partisanship, Polarization, and Inequality Over Time” at the Midwest Political Science Association Conference, Chicago, IL <i>Expected: Apr 19, 2020</i> (conference canceled due to COVID-19 outbreak)</p>	

“Group Cooperation in a Policy Bargaining Game” at the Center for Behavioral Political Economy, Stony Brook University Feb 12, 2020

“An Agent-based Model of Elections with Endogenous Candidates, Voters, and Media” at the Midwest Political Science Association Conference, Chicago, IL Apr 6, 2019

“Distributional Preferences under Rank Reversal Aversion” at the Center for Behavioral Political Economy, Stony Brook University Mar 6, 2018

TEACHING
EXPERIENCE

Instructor

- World Politics Summer 2018 to Present
Department of Political Science
Stony Brook University

Teaching Assistant

- Neuroeconomics (with Prof. Chen-Ying Huang) Spring 2014
Department of Economics
National Taiwan University

SKILLS

Software

Python, R, Stata, oTree, NetLogo, Matlab, Mathematica, L^AT_EX, Qualtrics

Language

English (fluent), Mandarin (native), Taiwanese (intermediate)

PROFESSIONAL
ACTIVITIES

Affiliations

Center for Behavioral Political Economy, Stony Brook University

Memberships

American Political Science Association, Midwest Political Science Association, Society for Political Methodology

Service

Discussant APSA 2020

REFERENCES

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Chen-Ying Huang

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National Chiao Tung University