

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, Computational Modeling, Lab Experiments, Evolutionary Game Theory	
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.	

WORKING PAPERS	<p>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>.</p> <p>“An Agent-Based Model of Elections with Endogenous Candidates, Voters, and Media” with Oleg Smirnov and John Barry Ryan.</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>	
WORK IN PROGRESS	<p>“Policy Cooperation Under Threats: Effects of Competition Between Interest Groups” with Oleg Smirnov.</p> <p>“Followership and Misinformation Credibility on Twitter During the Pandemic” with Inyoung Shin and Luxuan Wang.</p> <p>“Partisanship, Polarization, and Inequality Over Time” with Matthew Lebo and Gregory Koger.</p>	
PROGRAMS AND AWARDS	<p>BIGSSS Summer School in Computational Social Science Department of Sociology University of Groningen, Netherlands (<i>program postponed to Jul 2021 due to COVID-19 outbreak</i>)</p> <p>SICSS Grant for Survey Experiment on Amazon Mechanical Turk (\$1000) Summer Institute in Computational Social Science Duke University</p> <p>Summer Institute in Computational Social Science at Rutgers 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 Department of Political Science Stony Brook University</p> <p>Introduction to Complexity (with certificate) Courses by Complexity Explorer Santa Fe Institute</p> <p>Introduction to Agent-Based Modeling (with certificate) Courses by Complexity Explorer Santa Fe Institute</p> <p>Excellent Achievement Award 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 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>	<p><i>Expected: Jul 2020</i></p> <p>Jul 2020</p> <p>Jun 15-26, 2020</p> <p>Fall 2016 to Present</p> <p>Fall 2019</p> <p>Summer 2019</p> <p>2005</p> <p>2005</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</p>	
		<i>Expected: Sep 10, 2020</i>

	<p>“Partisanship, Polarization, and Inequality Over Time” at the Midwest Political Science Association Conference, Chicago, IL <i>(conference canceled due to COVID-19 outbreak)</i> <i>Expected:</i> Apr 19, 2020</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 Spring 2014</p> <ul style="list-style-type: none"> • Neuroeconomics (with Prof. Chen-Ying Huang) Department of Economics National Taiwan University <p>Courses Can Offer</p> <ul style="list-style-type: none"> • Undergraduate: World Politics, Statistics, Game Theory • Graduate: Political Economy, Behavioral Economics, Cooperation, Computational Modeling, Data Analysis
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	Available Upon Request.