

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	Collective Action, Agent-Based 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.	

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>“Followership and Misinformation Credibility on Twitter During the Pandemic” with Inyoung Shin and Luxuan Wang.</p> <p>“Group Cooperation in the Context of Climate Negotiation: An Agent-Based Model” with Oleg Smirnov.</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>	
PROGRAMS AND AWARDS	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>	<i>Expected: Jul 2020</i>
	SICSS Grant for Survey Experiment on Amazon Mechanical Turk (\$1000) Summer Institute in Computational Social Science Duke University	Jul 2020
	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	Jun 15-26, 2020
	Full Tuition Scholarship and Stipend Department of Political Science Stony Brook University	Fall 2016 to Present
	Introduction to Complexity (with certificate) Courses by Complexity Explorer Santa Fe Institute	Fall 2019
	Introduction to Agent-Based Modeling (with certificate) Courses by Complexity Explorer Santa Fe Institute	Summer 2019
	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	2005
	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	2005
PRESENTATIONS	“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>“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 EXPERIENCE	<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
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>Oleg Smirnov Associate Professor Phone: 631-632-7624 Department of Political Science E-mail: oleg.smirnov@stonybrook.edu Stony Brook University</p> <p>Reuben Kline Associate Professor Phone: 631-312-8034 Department of Political Science E-mail: reuben.kline@stonybrook.edu Stony Brook University</p> <p>Chen-Ying Huang Professor Phone: 886-2-3366-8310 Department of Economics E-mail: chenying@ntu.edu.tw National Taiwan University</p> <p>Cheng-Hung Chang Associate Professor Phone: 886-3-5731911 Institute of Physics E-mail: chchang@mail.nctu.edu.tw National Chiao Tung University</p>