

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	Graduate Lecturer Department of Political Science Stony Brook University, NY, USA	Summer 2018 to Present
EDUCATION	Ph.D. in Political Science Stony Brook University, NY, USA	<i>Expected:</i> May 2021
	M.A. in Economics Stony Brook University, NY, USA	Dec 2015
	M.S. in Physics National Chiao Tung University, Taiwan	Jun 2011
	B.S. in Physics National Cheng Kung University, Taiwan	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	Aug 2016 to May 2018
	Visiting Student Department of Psychology The Ohio State University Supervisor: Ian Krajbich	Jun 2015 to Aug 2015
	Full-Time Research Assistant Department of Economics National Taiwan University, Taiwan Supervisor: Chen-Ying Huang	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	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> .	
	“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).	
	“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.	
	“Followership and Misinformation Credibility on Twitter During the Pandemic” with Inyoung Shin and Luxuan Wang.	
	“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 Department of Sociology University of Groningen, Netherlands (<i>program postponed to Jul 2021 due to COVID-19 outbreak</i>)	<i>Expected:</i> Jul 2020
	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		Sep 10, 2020
	“Partisanship, Polarization, and Inequality Over Time” at the Midwest Political Science Association Conference, Chicago, IL		<i>Expected: Apr 19, 2020</i>
	<i>(conference canceled due to COVID-19 outbreak)</i>		
	“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	Instructor		
	<ul style="list-style-type: none">World Politics	Summer 2018 to Present	
	Department of Political Science		
	Stony Brook University		
	Teaching Assistant		
	<ul style="list-style-type: none">Neuroeconomics (with Prof. Chen-Ying Huang)	Spring 2014	
	Department of Economics		
	National Taiwan University		
	Courses Can Offer		
	<ul style="list-style-type: none">Undergraduate: World Politics, Statistics, Research MethodsGraduate: Political Economy, Behavioral Economics, Cooperation, Game Theory, Computational Modeling, Data Analysis, Experimental Design		
SKILLS	Software		
	Python, R, Stata, oTree, NetLogo, Matlab, Mathematica, L ^A T _E X, 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	Available Upon Request.		