

## Yi-Ta Lu

---

CONTACT INFORMATION	Department of Political Science Stony Brook University Stony Brook, NY, 11794, USA	<a href="mailto:yi-ta.lu@stonybrook.edu">yi-ta.lu@stonybrook.edu</a> <a href="https://yitalu.github.io">https://yitalu.github.io</a>
ACADEMIC POSITIONS	<b>Graduate Lecturer</b> Department of Political Science Stony Brook University, NY, USA	Summer 2018 to Present
EDUCATION	<b>Ph.D. in Political Science</b> Stony Brook University, NY, USA	<i>Expected:</i> May 2021
	<b>M.A. in Economics</b> Stony Brook University, NY, USA	Dec 2015
	<b>M.S. in Physics</b> National Chiao Tung University, Taiwan	Jun 2011
	<b>B.S. in Physics</b> 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	<b>Graduate Research Assistant</b> Department of Political Science Stony Brook University Supervisor: Andrew Delton, John Barry Ryan, Oleg Smirnov, and Peter DeScioli	Aug 2016 to May 2018
	<b>Visiting Student</b> Department of Psychology The Ohio State University Supervisor: Ian Krajbich	Jun 2015 to Aug 2015
	<b>Full-Time Research Assistant</b> 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., <b>Lu, Y. T.</b> , 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., <b>Lu, Y. T.</b> , 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><b>Lu, Y. T.</b>, 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>“Endorsed Misinformation on Twitter: Retweeting, Bandwagon Cues, and the Conspiracy Theory during COVID-19” with Inyoung Shin and Luxuan Wang.</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 on Coalition Lobbying” with Oleg Smirnov.</p> <p>“Partisanship, Polarization, and Inequality Over Time” with Matthew Lebo and Gregory Koger.</p>
PROGRAMS AND AWARDS	<p>International Winter School on Agent-Based Modeling (with <a href="#">certificate</a>) Jan 4-15, 2021  Network for Computational Modeling in Social and Ecological Sciences  Arizona State University</p> <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  Duke University</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 <a href="#">certificate</a>) Fall 2019  Courses by Complexity Explorer  Santa Fe Institute</p> <p>Introduction to Agent-Based Modeling (with <a href="#">certificate</a>) 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	“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:</i> Apr 19, 2020
	(conference canceled due to COVID-19 outbreak)		
	“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
TEACHING	“Distributional Preferences under Rank Reversal Aversion” at the Center for Behavioral Political Economy, Stony Brook University		Mar 6, 2018
	Instructor		
	<ul style="list-style-type: none"> <li>World Politics</li> </ul>		Summer 2018 to Present
	Department of Political Science Stony Brook University		
	Teaching Assistant		
SKILLS	<ul style="list-style-type: none"> <li>Neuroeconomics (with Prof. Chen-Ying Huang)</li> </ul>		Spring 2014
	Department of Economics National Taiwan University		
	Courses Can Offer		
	<ul style="list-style-type: none"> <li>Undergraduate: World Politics, Statistics, Research Methods</li> <li>Graduate: Political Economy, Behavioral Economics, Cooperation, Game Theory, Computational Modeling, Data Analysis, Experimental Design</li> </ul>		
	Software		
PROFESSIONAL ACTIVITIES	Python, R, Stata, oTree, NetLogo, Matlab, Mathematica, L <sup>A</sup> T <sub>E</sub> X, Qualtrics		
	Language		
	English (fluent), Mandarin (native), Taiwanese (intermediate)		
	Affiliations		
	Center for Behavioral Political Economy, Stony Brook University		
REFERENCES	Memberships		
	American Political Science Association, Midwest Political Science Association, Society for Political Methodology		
	Service		
	Discussant APSA 2020		
	Available Upon Request.		