

## Yi-Ta Lu

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CONTACT INFORMATION	Department of Political Science Stony Brook University Stony Brook, NY 11794	631-632-7667 yi-ta.lu@stonybrook.edu <a href="https://yitalu.github.io">https://yitalu.github.io</a>
RESEARCH INTERESTS	Behavioral Political Economy, Collective Action, Computational Modeling, Lab Experiments, Evolutionary Game Theory	
EDUCATION	<b>Stony Brook University</b> , Stony Brook, NY  Ph.D., Political Science, <i>Expected</i> : May 2021 <ul style="list-style-type: none"><li>• Dissertation: <i>Policy Cooperation Under Threats: Effects of Competition Between Interest Groups</i></li><li>• Advisor: Oleg Smirnov</li></ul> M.A., Economics, Dec 2015 <ul style="list-style-type: none"><li>• Thesis: <i>Social Preferences Behind the Veil of Ignorance: An Experiment on Amazon Mechanical Turk</i></li><li>• Advisor: Reuben Kline</li></ul> <b>National Chiao Tung University</b> , Taiwan  M.S., Physics, June 2011 <ul style="list-style-type: none"><li>• Thesis: <i>Measurement Uncertainty in Biological Receptor</i></li><li>• Advisors: Cheng-Hung Chang</li></ul> <b>National Cheng Kung University</b> , Taiwan  B.S., Physics, June 2009	
RESEARCH EXPERIENCE	<b>Research Assistant</b> Department of Political Science Stony Brook University Supervisor: Andrew Delton, John Barry Ryan, Oleg Smirnov, and Peter DeScioli.  <b>Visiting Student</b> Department of Psychology The Ohio State University Supervisor: Ian Krajbich  <b>Full-Time Research Assistant</b> 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., <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	<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> .	
	“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 Between Interest Groups” 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	BIGSSS Summer School in Computational Social Science <span style="float: right;"><i>Expected:</i> Jul 2020</span> Department of Sociology University of Groningen, Netherlands <i>(program postponed to Jul 2021 due to COVID-19 outbreak)</i>	
	SICSS Grant for Survey Experiment on Amazon Mechanical Turk (\$1000) <span style="float: right;">Jul 2020</span> Summer Institute in Computational Social Science Duke University	
	Summer Institute in Computational Social Science at Rutgers <span style="float: right;">Jun 15-26, 2020</span> DIMACS (Center for Discrete Mathematics and Theoretical Computer Science) Rutgers New Brunswick Libraries Department of Political Science, Rutgers University	
	Full Tuition Scholarship and Stipend <span style="float: right;">Fall 2016 to Present</span> Department of Political Science Stony Brook University	
	Introduction to Complexity (with <a href="#">certificate</a> ) <span style="float: right;">Fall 2019</span> Courses by Complexity Explorer Santa Fe Institute	
	Introduction to Agent-Based Modeling (with <a href="#">certificate</a> ) <span style="float: right;">Summer 2019</span> Courses by Complexity Explorer Santa Fe Institute	
	Excellent Achievement Award <span style="float: right;">2005</span> 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	
	Distinguished Achievement Award <span style="float: right;">2005</span> 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	
	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 <span style="float: right;"><i>Expected:</i> Sep 10, 2020</span>	

	<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> <span style="float: right;"><i>Expected:</i> Apr 19, 2020</span></p> <p>“Group Cooperation in a Policy Bargaining Game” at the Center for Behavioral Political Economy, Stony Brook University <span style="float: right;">Feb 12, 2020</span></p> <p>“An Agent-based Model of Elections with Endogenous Candidates, Voters, and Media” at the Midwest Political Science Association Conference, Chicago, IL <span style="float: right;">Apr 6, 2019</span></p> <p>“Distributional Preferences under Rank Reversal Aversion” at the Center for Behavioral Political Economy, Stony Brook University <span style="float: right;">Mar 6, 2018</span></p>
TEACHING	<p>Instructor <span style="float: right;">Summer 2018 to Present</span></p> <ul style="list-style-type: none"> <li>• World Politics  Department of Political Science  Stony Brook University</li> </ul> <p>Teaching Assistant <span style="float: right;">Spring 2014</span></p> <ul style="list-style-type: none"> <li>• Neuroeconomics (with Prof. Chen-Ying Huang)  Department of Economics  National Taiwan University</li> </ul> <p>Courses Can Offer</p> <ul style="list-style-type: none"> <li>• Undergraduate: World Politics, Statistics, Game Theory</li> <li>• Graduate: Political Economy, Behavioral Economics, Cooperation, Computational Modeling, Data Analysis</li> </ul>
SKILLS	<p>Software  Python, R, Stata, oTree, NetLogo, Matlab, Mathematica, L<sup>A</sup>T<sub>E</sub>X, 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.