

## 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, Computational Modeling, and Cooperation in Social Dilemmas	
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.	

SUBMITTED JOURNAL PUBLICATIONS	<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> .	
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>“Trust, Inequality and Redistributive Demands in Latin America” with Robert Vidigal.</p> <p>“Does Media Bias Cause Political Polarization? an Agent-Based Model of Biased Media, Motivated Reasoners, and Political Polarization” (single author).</p> <p>“Group Cooperation in the Context of Climate Negotiation: An Agent-Based Model” with Oleg Smirnov.</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>
	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	<i>Expected: Jun 2020</i>
	Full Tuition Scholarship and Stipend Department of Political Science Stony Brook University	Fall 2016 to Present
	Introduction to Complexity (with <a href="#">certificate</a> ) Courses by Complexity Explorer Santa Fe Institute	Fall 2019
	Introduction to Agent-Based Modeling (with <a href="#">certificate</a> ) 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	<p>“Does Media Bias Cause Political Polarization? An Agent-based Model of Biased Media, Motivated Reasoners, and Political Polarization” at American Political Science Association Annual Meeting, San Francisco, CA <i>Expected: Sep 10, 2020</i></p> <p>“Partisanship, Polarization, and Inequality Over Time” at Midwest Political Science Association Conference, Chicago, IL <i>Expected: Apr 19, 2020</i> <i>(conference canceled due to COVID-19 outbreak)</i></p> <p>“Group Cooperation in a Policy Bargaining Game” at the Center for Behavioral Political Economy, Stony Brook University Feb 12, 2020</p>	

“An Agent-based Model of Elections with Endogenous Candidates, Voters, and Media”  
 at 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 EXPERIENCE	Instructor	
	<ul style="list-style-type: none"> <li>World Politics</li> </ul> Department of Political Science Stony Brook University	Summer 2018 to Present
	Teaching Assistant	
	<ul style="list-style-type: none"> <li>Neuroeconomics (with Prof. Chen-Ying Huang)</li> </ul> Department of Economics National Taiwan University	Spring 2014
SKILLS	Software	
	Python, R, Stata, oTree, NetLogo, Matlab, Mathematica, L <sup>A</sup> T <sub>E</sub> X, Qualtrics	
	Language	
	English (fluent), Mandarin (native), Taiwanese (intermediate)	
PROFESSIONAL ACTIVITIES	Affiliations	
	Center for Behavioral Political Economy, Stony Brook University	
	Memberships	
	Midwest Political Science Association, Society for Political Methodology	
REFERENCES	Oleg Smirnov	
	Associate Professor	Phone: 631-632-7624
	Department of Political Science	E-mail: oleg.smirnov@stonybrook.edu
	Stony Brook University	
	Reuben Kline	
	Associate Professor	Phone: 631-312-8034
	Department of Political Science	E-mail: reuben.kline@stonybrook.edu
	Stony Brook University	
	Chen-Ying Huang	
	Professor	Phone: 886-2-3366-8310
	Department of Economics	E-mail: chenying@ntu.edu.tw
	National Taiwan University	
	Cheng-Hung Chang	
	Associate Professor	Phone: 886-3-5731911
	Institute of Physics	E-mail: chchang@mail.nctu.edu.tw
	National Chiao Tung University	