

## 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>Collective Action Problems in Political Systems</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>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>
	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> <p>“An Agent-based Model of Elections with Endogenous Candidates, Voters, and Media” at 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	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	
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	