

## 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 July 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 PAPERS IN PREPARATION	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.	
	"Partisanship, Polarization, and Inequality Over Time" with Matthew Lebo and Gregory Koger.	
	"Trust, Inequality and Redistributive Demands in Latin America" with Robert Vidigal.	
	"Does Media Bias Cause Political Polarization? an Agent-Based Model of Biased Media, Motivated Reasoners, and Political Polarization" (single author).	
	"Group Cooperation in the Context of Climate Negotiation: An Agent-Based Model" with Oleg Smirnov.	
PROGRAMS AND AWARDS	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 American Political Science Association Annual Meeting, San Francisco, CA <i>Expected: Sep 10, 2020</i>	
	"Partisanship, Polarization, and Inequality Over Time" at Midwest Political Science Association Conference, Chicago, IL <i>Expected: Apr 19, 2020</i> (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 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 Department of Political Science Stony Brook University</li> </ul>	Summer 2018 to Present

Teaching Assistant

- Neuroeconomics (with Prof. Chen-Ying Huang)  
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

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Cheng-Hung Chang

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