

## 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, Agent-Based 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	<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>“Trust, Inequality and Redistributive Demands in Latin America” with Robert Vidigal.</p>
WORK IN PROGRESS	<p>“Policy Cooperation Under Threats: Effects of Competition Between Interest Groups” with Oleg Smirnov.</p> <p>“Followership and Misinformation Credibility on Twitter During the Pandemic” with Inyoung Shin and Luxuan Wang.</p> <p>“Partisanship, Polarization, and Inequality Over Time” with Matthew Lebo and Gregory Koger.</p>
PROGRAMS AND AWARDS	<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	<p>“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 <i>Expected: Sep 10, 2020</i></p>

	<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	<p>Oleg Smirnov  Associate Professor <span style="float: right;">E-mail: oleg.smirnov@stonybrook.edu</span>  Department of Political Science  Stony Brook University</p> <p>Reuben Kline  Associate Professor <span style="float: right;">E-mail: reuben.kline@stonybrook.edu</span>  Department of Political Science  Stony Brook University</p>

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