

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 https://yitalu.github.io |
| RESEARCH INTERESTS | Behavioral Political Economy, Collective Action, Agent-Based Modeling, Lab Experiments, Evolutionary Game Theory | |
| EDUCATION | Stony Brook University , Stony Brook, NY Ph.D., Political Science, <i>Expected</i> : May 2021 <ul style="list-style-type: none">• Dissertation: <i>Policy Cooperation Under Threats: Effects of Competition Between Interest Groups</i>• Advisor: Oleg Smirnov M.A., Economics, Dec 2015 <ul style="list-style-type: none">• Thesis: <i>Social Preferences Behind the Veil of Ignorance: An Experiment on Amazon Mechanical Turk</i>• Advisor: Reuben Kline National Chiao Tung University , Taiwan M.S., Physics, June 2011 <ul style="list-style-type: none">• Thesis: <i>Measurement Uncertainty in Biological Receptor</i>• Advisors: Cheng-Hung Chang National Cheng Kung University , Taiwan B.S., Physics, June 2009 | |
| RESEARCH EXPERIENCE | Research Assistant Department of Political Science Stony Brook University Supervisor: Andrew Delton, John Barry Ryan, Oleg Smirnov, and Peter DeScioli. Visiting Student Department of Psychology The Ohio State University Supervisor: Ian Krajbich Full-Time Research Assistant 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., Lu, Y. T. , 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., Lu, Y. T. , 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. | |

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| WORKING PAPERS | 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. | |
| | “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 Department of Sociology University of Groningen, Netherlands <i>(program postponed to Jul 2021 due to COVID-19 outbreak)</i> | <i>Expected:</i> Jul 2020 |
| | SICSS Grant for Survey Experiment on Amazon Mechanical Turk (\$1000) Summer Institute in Computational Social Science Duke University | Jul 2020 |
| | 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 | Jun 15-26, 2020 |
| | 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 |
| | “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:</i> Sep 10, 2020 | |

“Partisanship, Polarization, and Inequality Over Time” at the Midwest Political Science Association Conference, Chicago, IL
Expected: Apr 19, 2020
(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 the 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

Instructor

- World Politics
Department of Political Science
Stony Brook University
Summer 2018 to Present

Teaching Assistant

- Neuroeconomics (with Prof. Chen-Ying Huang)
Department of Economics
National Taiwan University
Spring 2014

Courses Can Offer

- Undergraduate: World Politics, Statistics, Game Theory
- Graduate: Political Economy, Behavioral Economics, Cooperation, Computational Modeling, Data Analysis

SKILLS

Software

Python, R, Stata, oTree, NetLogo, Matlab, Mathematica, L^AT_EX, Qualtrics

Language

English (fluent), Mandarin (native), Taiwanese (intermediate)

PROFESSIONAL ACTIVITIES

Affiliations

Center for Behavioral Political Economy, Stony Brook University

Memberships

American Political Science Association, Midwest Political Science Association, Society for Political Methodology

Service

Discussant APSA 2020

REFERENCES

Oleg Smirnov

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