

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, Computational Modeling, and Cooperation in Social Dilemmas | |
| EDUCATION | Stony Brook University , Stony Brook, NY Ph.D., Political Science, <i>Expected</i> : May 2021 <ul style="list-style-type: none">• Dissertation: <i>Collective Action Problems in Political Systems</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 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 July 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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| 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). | |
| PROGRAMS AND AWARDS | “Group Cooperation in the Context of Climate Negotiation: An Agent-Based Model” with Oleg Smirnov. | |
| | 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 |
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| 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"> 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

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

Midwest Political Science Association

REFERENCES

Oleg Smirnov

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Chen-Ying Huang

Professor

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National Taiwan University

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Cheng-Hung Chang

Associate Professor

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