

# Tyler Rongxuan Chen

## Curriculum Vitae

(Last Updated: June 15 2026)

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## EDUCATION

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### Degrees

Ph.D. Political Science and Scientific Computing: University of Michigan, 2023 – .

M.A. Statistics: University of Michigan, 2025 – (Dual Degree Program Embedded in Ph.D.).

M.A. Political Science: University of Michigan, 2023 – 2024 (Subsumed by Ph.D.).

M.A. International and Regional Studies (Southeast Asia): University of Michigan, 2021 – 2023: Phi Kappa Phi.

B.A. Malay Studies, B.A. Diplomacy Studies: Beijing Foreign Studies University, 2016 – 2020: Highest Honors (Beijing Outstanding Graduate), Excellent Thesis Awards for Both Degrees, and Special Concentration in Asian Studies and Sociology.

### Preliminary Exam Fields (Double Major)

#### Comparative Politics:

Committee: Dan Slater (Chair), Allen Hicken, Mary Gallagher (University of Notre Dame), Pamela Brandwein

#### Methodology:

Committee: Robert Franzese (Chair), Walter Mebane, Tyler Simko, Kenneth Lowande (Rice University), Barbara Anderson

### Fellows

**International Institute (II):** Center for Emerging Democracies (CED), Center for Southeast Asian Studies (CSEAS), and Lieberthal-Rogel Center for Chinese Studies (LRCCS)

**Institute for Social Research (ISR):** Population Studies Center (PSC) and Center for Political Studies (CPS)

### Non-Degree Study Experience

Inter-university Consortium for Political and Social Research (ICPSR), 2022, 2024, 2025.

Indiana University Summer Language Workshop (Japanese), 2024.

Exchange Student, Academy of Malay Studies, University of Malaya, 2018 – 2019.

## RESEARCH

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### Peer-reviewed Journal Articles

3. “Myth and Measurement: Spatial Heterogeneity, Ecological Fallacy, and the Urban Narrative in Peninsular Malaysia’s Electoral Politics”, 2026, *Journal of East Asian Studies* 26(1):87–112 [[Open Access](#)] [[Replication](#)].

2. “Social Transformation in Malaysia and the Fragmentation of the Malay-Dominant Political Parties—Based on a Social Cleavage Structure Theory Perspective” (with Congcong Fu), 2026, *Southeast Asian Studies* (东南亚研究) 2021(3):1-29 [[Chinese Full Text](#)].
1. “Social Transformation, Dispute over Routes and the Split of Malaysian Islamic Party (PAS)” (with Congcong Fu), 2026, *Southeast Asian Affairs* (南洋问题研究) 2020(1):79-95 [[Chinese Full Text](#)].

### Under Review

3. “Morning News: Public Signals, Elite Defections, and the Collective Abdication of Authoritarian Regimes”.
2. “Colonial Institutionalization and Unborn Civil Society in Post-Colonial States: Malaysia and Indonesia in Comparative Perspective”
1. “Symbolic Power and the Functional Divide: Campaigns Across the Party-State Spectrum”.

### Working Papers

6. “What Race and Ethnicity Hide: Bayesian Approximate Computation with Hierarchical Framework (BACH) for Subgroup Voting Behavior under Partisan Polarization, Cross-Cutting Cleavages, and Survey Nonresponse” [[SSRN](#), [in Major Revision](#)].
5. “Research Note: A Higher-Order Method of Moments Approach to Ecological Inference under Extreme Survey Nonresponse” [[SSRN](#), [in Major Revision](#)].
4. “What the Slope Loses, the Intercepts Gain: Measurement Error and Misattributed Effects in Fixed- and Random-Effects Models.” (with Robert Franzese) [[Latest Draft](#)]
3. “Bridges Burnt: Uneven Urbanization and the Spatial Breakdown of Patronage Infrastructure in Malaysia” [[Latest Draft](#)].
2. “Plant Closures and Trump-Related Twitter Discussion: A Spatial-Temporal Description” (with Robert Franzese) [[Latest Draft](#)].
1. “Crisis from Within: Elite Defection and Intraparty Competition in Dominant-Party Regimes” [[Latest Draft](#)].

### Data Sets

2. “Malaysia Election Panel Data 1959 - 2018”, *Available at [Zenode](#)*.
1. “Lower Chamber Elections Archive, Malaysia”, *Available at the [Constituency-Level Elections Archive \(CLEA\)](#)*.

## **RESEARCH AND TEACHING EXPERIENCE**

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### **Research Assistant, University of Michigan**

Rob Franzese, Spring/Summer 2025, Spring/Summer 2026  
Dan Slater, Spring/Summer 2024  
Mary Gallagher, Spring/Summer 2023  
Dan Slater and Adam Casey, Spring/Summer 2022

### **Teaching Assistant, ICPSR (Graduate Level)**

“Theoretical Modeling for the Social and Behavioral Sciences”, David A. Peterson, 2025  
“Causal Inference for the Social Sciences I”, Ben Hansen, Jake Bowers, 2025

### **Tutor (Graduate Level), University of Michigan**

POLSCI 599 “Statistical Methods in Political Research I”, Licheng Liu, Fall 2025

### **Graduate Student Instructor, University of Michigan**

POLSCI 373 “Data Science for International Studies”, Christopher Fariss, Winter 2026  
POLSCI 300 “Quantitative Empirical Methods”, Rob Franzese, Fall 2025  
POLSCI 327 “Election Law”, Jowei Chen, Winter 2025  
POLSCI 140 “Intro to Comparative Politics”, Pauline Jones, Fall 2024  
POLSCI 389 “Human Rights”, Ragnhild Nordås, Winter 2023  
SOC 430 “World Population Dynamics”, Barbara Anderson, Fall 2022

## **AWARDS, GRANTS, & FELLOWSHIPS**

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### **University of Michigan**

Political Science Department Director of Graduate Studies (DGS) Research Grant, 2026  
ISR Next Generation Award – The Tessler Fellows Fund, 2026  
Rackham Graduate Student Research Grants, 2022, 2026  
Advanced Research Computing Grant, 2026  
Political Science Department DGS Conference Travel Grant, 2024, 2026  
ISR – Rackham Summer Training Awards, 2024, 2025  
Rackham Graduate School Conference Travel Grant, 2024, 2025  
LSA Technology Support Grant, 2024  
Center for Japanese Studies Summer Language Fellowship, 2024  
Political Science Department Research Grant, 2023, 2024  
University Library Research Grant, 2023  
CED Fellowship, 2022  
II Student Fellowship, 2022  
II Travel Funds, 2022  
Global Individual Grants, 2022

CSEAS Southeast Asian Language Scholarship (Indonesian), 2021

### **Beijing Foreign Studies University**

Excellent Senior Thesis Award, 2020

University Scholarships, 2017, 2018, 2019

### **External**

The Society for Political Methodology (PolMeth) Conference Travel Award, 2025

## **CONFERENCES AND WORKSHOPS**

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### **Conference Presentations**

American Political Science Association (APSA) Annual Meeting, 2024, 2025, 2026

PolMeth Annual Summer Meeting, 2025, 2026

Midwest Political Science Association (MPSA) Annual Meeting, 2025

American Sociology Association (ASA) Annual Meeting, 2024, 2025

Social Science History Association (SSHA) Annual Meeting, 2024

### **Workshops**

The Japanese Politics Online Seminar Series (JPOSS), 2026

CED Book Workshop with Joel Selway, 2024

## **SERVICE TO DEPARTMENT, UNIVERSITY, & PROFESSION**

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### **Graduate Education and Training in Southeast Asian Studies (GETSEA) Consortium**

Graduate Student Council Member, 2023 – 2026

### **University of Michigan**

Member, College of Literature, Science, and the Arts (LSA) Graduate Student Advisory Council (GSAC), 2025 –

Co-Organizer, China Reading Group, 2023 –

Co-President, Graduate Association of Political Scientists (GAPS), 2025 – 2026

Member, Political Science Honors Thesis Committee, 2025

Mentor, The Eldersveld Emerging Scholars Conference, 2024

Co-Organizer, Interdisciplinary Workshop in Comparative Politics, 2023 – 2024

### **Journal Referee**

*Social Forces*

## **INDUSTRY EXPERIENCE**

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### **NielsenIQ**

Business Analyst (Consumer Packaged Goods Section, Beijing Office), 2020 – 2021

## **LANGUAGES AND SKILLS**

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### **Languages**

Mandarin Chinese (Native), English (Bilingual Proficiency), Malay (Advanced, ~10 years), Indonesian (Advanced, ~5 years), Japanese (Intermediate, ~2.5 years)

### **Skills**

R, Python, Stata, Stan, ArcGIS, NetLogo, C++, L<sup>A</sup>T<sub>E</sub>X, High-Performance Computing (SLURM), Bash Scripting, Parallel Job Management

## **REFERENCES**

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### **Robert Franzese**

Professor of Political Science  
University of Michigan  
franzese@umich.edu

### **Walter Mebane**

Professor of Political Science and Statistics  
University of Michigan  
wmebane@umich.edu

### **Allen Hicken**

Professor of Political Science  
University of Michigan  
ahicken@umich.edu

### **Mary Gallagher**

Professor of Global Affairs  
University of Notre Dame  
mgalla33@nd.edu

### **Robert Manduca**

Assistant Professor of Sociology  
University of Michigan  
rmanduca@umich.edu

### **Barbara Anderson**

Professor of Sociology and Population Studies  
University of Michigan  
barba@umich.edu