

# Flávio D. S. Souza

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## Citizenship & Languages

United States, Brazil  
English (native), Portuguese (native), Spanish (fluent)

## Research Interests

Comparative Public Economic Policy | Political Communication | Statistical Methods  
| Financial Markets | Income and Wealth Inequality | Globalization | Political Risk  
| Time-Series Econometrics | Spatial Econometrics | Computational Social Science |  
Natural Language Processing | Machine Learning

## Education

Ph.D. in Political Science, Texas A&M University, *Expected: 2021.*

*Fields:* Comparative Politics, Public Policy, and Advanced Research Methodology.

*Dissertation:* “Political Opinion as a Source of Political Risk in Financial Markets”

*Committee:* Guy D. Whitten (chair), Christine Lipsmeyer, Timm Betz,  
and Kirby Goidel

M.A. in Political Science, Texas A&M University, 2020—*Summa Cum Laude*

B.A. in Economics, University of Massachusetts Lowell, 2016—*Summa Cum Laude*

B.A. in Political Science, University of Massachusetts Lowell, 2016—*Summa Cum Laude*

## Publications

### *Peer-Reviewed Journals*

3. Jung, Yoo Sun, **Flávio D. S. Souza**, Andrew Q. Philips, Amanda Rutherford, and Guy D. Whitten. “A Program to Estimate and Interpret Models of Dynamic Compositional Dependent Variables: New Features for Dynsimpie.” Forthcoming. *The Stata Journal*.

2. Philips, Andrew Q., **Flávio D. S. Souza**, and Guy D. Whitten. “Globalization and Comparative Compositional Inequality.” 2020. *Political Science Research and Methods*, 1-17. DOI: <https://doi.org/10.1017/psrm.2019.25>
1. McKallagat, Christopher, **Flávio D. S. Souza**, Jenifer Whitten-Woodring, and Cameron Wimpy. (2017). “Are Media at Work in Your Neighborhood? The Effects of Media Freedom, Internet Access, and Information Spillover on Workers’ Rights.” *Social Science Quarterly*, 98(3), 1078-1098. DOI: <https://doi.org/10.1111/ssqu.12443>

### **Selected Working Papers**

4. “Should We Tweet About It” With Jenifer Whitten-Woodring. Under review at *Journal of Politics*.
3. “The Steady-Hand Story: The Role of Mass Preference-Induced Policy Risk in Sovereign Debt Markets.”
2. “Multiplicative Interactions and Error Correction Models.”
1. “Modeling the Effect of Size of Pie on Dynamic Compositional Dependent Variables.” With Janica D. Magat.

### **Research Experience**

Research Assistant, Dr. Guy D. Whitten Department of Political Science Texas A&M University	August 2016— <i>Present</i>
Research Assistant, Dr. Robert D. Putnam Hagler Institute for Advanced Study Texas A&M University	January 2019—December 2019
Research Assistant, Dr. Jenifer Whitten-Woodring Department of Political Science University of Massachusetts Lowell	August 2014—August 2016

## Teaching Experience

- Teaching Assistant, Spatial Dependence in Theory and Practice January 2019  
Instructor: Dr. Laron K. Williams  
Level: Graduate  
[2019 IPSA USP Summer School](#),  
São Paulo, Brazil.
- Teaching Assistant, Advanced Quantitative Methods for Public Policy January 2019  
Instructor: Dr. Bruno Cautrès  
Level: Graduate  
[2019 IPSA USP Summer School](#),  
São Paulo, Brazil.
- Teaching Assistant, Advanced Quantitative Political Analysis Fall 2018  
Instructor: Dr. Paul Kellstedt  
Level: Graduate (Ph.D. only)  
Department of Political Science  
Texas A&M University,  
College Station, TX.
- Teaching Assistant, Essentials of Applied Data Analysis January 2018  
Instructor: Dr. Leonardo S. Barone  
Level: Graduate  
[2018 IPSA USP Summer School](#),  
São Paulo, Brazil.

## Conference Presentations

“All or Nothing: Modeling Interactions in Error Correction Models.”

- PolMeth XXXVII, University of Toronto—Toronto, Canada. July 2020. [All-virtual presentation due to COVID-19.](#)
- Texas Methods Meeting, University of Texas at Austin—Austin, TX, April 2020. [Presentation canceled due to COVID-19.](#)

“The Good Manager Story: The Role of Mass Preference-Induced Policy Risk in Sovereign

Debt Markets.”

- Texas Comparative Politics Circle, Rice University—Houston, TX. February 2020.
- Southern Political Science Association Annual Conference—San Juan, Puerto Rico. January 2020.
- European Political Science Association Annual Conference—Prague, Czechia. June 2020. Presentation canceled due to COVID-19.

“Modeling the Effect of Size of Pie on Dynamic Compositional Dependent Variables.”

With Janica D. Magat and Guy D. Whitten.

- Midwest Political Science Association Annual Conference—Chicago, IL. April 2019.
- Texas Methods Meeting, Rice University—Houston, TX, March 2019.
- PolMeth XXXV, Brigham Young University—Provo, UT. July 2018.

“dynsimpie: An Updated Software for Estimating and Presenting Dynamic Pie Models.”

With Yoo Sun Jung, Andrew Q. Philips, Amanda Rutherford, and Guy D. Whitten.

- Texas Methods Meeting, Rice University—Houston, TX, March 2019.
- Texas Methods Meeting, Texas A&M University—College Station, TX. April 2018.

“Globalization and Comparative Compositional Inequality.” With Andrew Q. Philips and Guy D. Whitten.

- Texas Methods Meeting, University of Houston—Houston, TX. February 2017.
- Midwest Political Science Association Annual Conference—Chicago, IL. April 2017.

“Are Media at Work in Your Neighborhood? The Effects of Media Freedom, Internet Access, and Information Spillover on Workers’ Rights.” With Christopher McKallagat, Jenifer Whitten-Woodring, and Cameron Wimpy.

- New World of Comparative Communication, Texas A&M University—College Station, TX. May 2016.
- American Political Science Association. International Political Economy Pre-Conference—San Francisco, CA. September 2015.
- International Studies Association. International Communication Pre-Conference—Atlanta, GA. March 2016.

“Should We Be All a Twitter? #YBYA: The Effect of Digital Media and Media Freedom on Human Rights.” With Jenifer Whitten-Woodring.

- International Studies Association Annual Conference—New Orleans, LA. February 2015.

## Selected Awards

Hagler Institute for Advanced Study—Heep Graduate Fellowship (\$40,000)  
Texas A&M University, College Station, TX. 2019.

Empirical Implications of Theoretical Methods (EITM)—Summer Institute (\$500)  
University of Houston, Houston, TX. June 2019.

National Science Foundation Graduate Student Funding to attend the 35th Annual Meeting of the Society for Political Methodology (\$600)  
Brigham Young University, Provo, UT. July 2018.

Office of Graduate and Professional Studies—Diversity Fellowship (\$165,000)  
Texas A&M University, College Station, TX. 2016—2020.

College of Liberal Arts—Lechner Graduate Grant (\$2,500)  
Texas A&M University, College Station, TX. 2016.

Emerging Scholars Program—Research Assistantship Support (\$2,000)  
University of Massachusetts Lowell, Lowell, MA. 2014—2015.

Paul E. Tsongas Scholarship (*Full Ride*)  
University of Massachusetts Lowell, Lowell, MA. 2012—2016.

## Consulting & Entrepreneurship

Texas A&M Graduate Student Consulting Club May 2020—*Present*

Co-founder, Vice President of Strategic Sourcing

- Executed outreach to local startups and municipal governments in order to identify consulting projects
- Staffed projects strategically leveraging skills and experience of club members
- Led consulting team working to produce advanced quantitative research to evaluate the economic impact of COVID-19 in the City of College Station. As part of the project, we further delivered a data-driven plan to identify and implement solutions to mitigate the economic impact of the pandemic.

National Science Foundation Southwest I-Corps June 2020

Startup Entrepreneurial Lead

- Conducted customer exploration to assess market viability of AI-powered in-

novation that tracks, summarizes, and forecasts impact of government policy bills

- Designed a software to address the need for advanced legislative analytics among lobbyists and lawyers
- Currently in the process of developing a natural language processing-enabled algorithm based on the insights gained from the program

## Software

Python, R, Stata, MATLAB, SAS, HTML, CSS, L<sup>A</sup>T<sub>E</sub>X

## References

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