

Sebastián Vallejo Vera

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WORK EXPERIENCE (ACADEMIC)	University of Western Ontario , Ontario, Canada <i>Position: Assistant Professor</i>	July, 2023 -
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Tecnológico de Monterrey , CDMX, México <i>Position: Assistant Professor</i>	August, 2021 - July, 2023
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University of Houston , Houston, Texas USA <i>Post-Doctoral Fellow</i>	September, 2019 - August, 2021
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University of Maryland , College Park, Maryland USA <i>Instructor</i>	June, 2019 - August, 2019
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EDUCATION	University of Maryland , College Park, Maryland USA Ph.D., Government and Politics, June 2019 <ul style="list-style-type: none">• Dissertation Topic: “By Invitation Only: A legislative theory of public lobbying and the gatekeepers of power”• Advisor: Ernesto Calvo M.A., Government and Politics, February 2017 Fordham University , New York, New York USA M.A., Elections and Campaign Management, August, 2014 Universidad Andina Simón Bolívar , Quito, Ecuador M.A., International Relations, mention in Negotiation and Conflict Management, May, 2014
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PEER-REVIEWED PUBLICATIONS	Timoneda, Joan C. and Sebastián Vallejo Vera . “Behind the Mask: Random and Selective Masking in Transformer Models Applied to Specialized Political Science Texts”. <i>Plos One</i> (2025): 20 (2), e0318421. Timoneda, Joan C., and Sebastián Vallejo Vera . “BERT, RoBERTa or DeBERTa? Comparing Performance Across Transformer Models in Political Science Text.” <i>Journal of Politics</i> (2025): Vol. 87. Alemán, Eduardo, Tiffany Barnes, Juan Pablo Micozzi, and Sebastián Vallejo Vera . “Gender, Institutions, and Legislative Speeches.” <i>Comparative Politics</i> (2025). Alemán, Eduardo, Pablo Valdivieso Kastner, and Sebastián Vallejo Vera . “Speech Targeting and Constituency Representation in Open-List Electoral Systems.” <i>Electoral Studies</i> (2024): 92, 102865.
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Hellmueller, Lea, Lindita Camaj, **Sebastián Vallejo Vera**, and Peggy Lindner. “The Democratic Value of Strategic Game Reporting and Uncivil Talk: A Computational Analysis of Facebook Conversations During US Primary Debates.” *Digital Journalism* (2024): 1-21.

Hellmueller, Lea, Lindita Camaj, Peggy Lindner, and **Sebastián Vallejo Vera**. “US Primary Debates in Bilingual Online Spaces: The Impact of Journalistic Cultures on Social Media Discourse.” *Journalism and Mass Communication Quarterly* (2024): 10776990231226403.

Vallejo Vera, Sebastián. “Rage in the Machine: Activation of Racist Content in Social Media.” *Latin American Politics and Society* (2023): 65(1), 74-100. doi:10.1017/lap.2022.25. https://svallejovera.github.io/files/rage_in_machine.pdf

Alemán, Eduardo, Juan Pablo Micozzi, and **Sebastián Vallejo Vera**. “Congressional Committees, Electoral Connections, and Legislative Speech.” *Political Research Quarterly* (2022): 10659129221119200. <https://doi.org/10.1177/10659129221119200>

Abad, Angelica, Raul Aldaz Pena, Diana Davila Gordillo, and **Sebastián Vallejo Vera**. “An Unwelcomed Deja-vu: Ecuadorian Politics in 2021.” *Revista de Ciencia Política* 42, no. 2 (2022): 281-308. <https://doi.org/10.4067/s0718-090x2022005000112>

Vallejo Vera, Sebastián, and Analía Gómez Vidal. “The politics of interruptions: Gendered disruptions of legislative speeches.” *The Journal of Politics* 84, no. 3 (2022): 1384-1402. <https://doi.org/10.1086/717083>

Curran, Christopher Brian, **Sebastián Vallejo Vera**, and Ali Khaledi-Nasab. “Depolarization of echo chambers by random dynamical nudge.” *Scientific Reports* 12, no. 1 (2022): 1-13. <https://doi.org/10.1038/s41598-022-12494-w>

Abad Cisneros, Angélica, Raúl Aldaz Peña, Diana Dávila Gordillo, and **Sebastián Vallejo Vera**. “Believe in me: parties’ strategies during a pandemic, evidence from Ecuador.” *Journal of Politics in Latin America* 13, no. 3 (2021): 419-441. doi:10.1177/1866802X211058742.

Timoneda, Joan C., and **Sebastián Vallejo Vera**. “Will I die of coronavirus? Google Trends data reveal that politics determine virus fears.” *Plos One* 16, no. 10 (2021): e0258189. <https://doi.org/10.1371/journal.pone.0258189>

Calvo, Ernesto, Paula Clerici, and **Sebastián Vallejo Vera**. “Ciencia y política en tiempos del covid-19.” *Política y gobierno* 28, no. 2 (2021). <http://politicaygobierno.cide.edu/index.php/pyg/article/view/1542>

Timoneda, Joan C., and **Sebastián Vallejo Vera**. “How do shocks realign interest group lobbying in congress? Evidence from Ecuador.” *The Journal of Legislative Studies* (2021): 1-39. <https://doi.org/10.1080/13572334.2021.1924434>

Vallejo Vera, Sebastián. “By invitation only: On Why Do politicians bring interest groups into committees.” *The Journal of Legislative Studies* (2021): 1-38. <https://doi.org/10.1080/13572334.2021.1905327>

McDermott, Monika L., Douglas Schwartz, and **Sebastian Vallejo Vera**. “Talking the talk but not walking the walk: Public reactions to hypocrisy in political scandal.” *American Politics Research* 43, no. 6 (2015): 952-974. <https://doi.org/10.1177/1532673X15577830>

BOOK CHAPTERS Gómez Vidal, Analía and **Sebastián Vallejo Vera**. “Ecuador: Individual Incentives and the Gendered Path to Power“ in: Back, Hanna, Marc Debus and Jorge M. Fernandes (Eds.). *The*

Politics of Legislative Debates Around the World. Oxford University Press (2021).

BOOKS

Vallejo Vera, Sebastián. Angostura, 30-S y la (re)militarización de la seguridad interna en Ecuador. Corporación Editora Nacional – Ecuador (2018): 978-9978-84-997-2.

WORKING PAPERS

Davila Gordillo, Diana, Joan Timoneda, and **Sebastián Vallejo Vera**. (2024). Machines Do See Color: A Guideline to Classify Different Forms of Racist Discourse in Large Corpora. arXiv preprint arXiv:2401.09333. <https://arxiv.org/pdf/2401.09333.pdf> (Revise and Resubmit: Sociological Methods and Research)

Dávila Gordillo, Diana and **Sebastián Vallejo Vera**. “Gender Quotas and Woman Candidates”. Working Paper (Under Review: Comparative Political Studies).

Vallejo Vera, Sebastián and Hunter Driggers. “Bias in LLMs as Annotators: The Effect of Party Cues on Labelling Decision by Large Language Models.” (2024). arXiv preprint arXiv:2408.15895. (Revise and Resubmit: Humanities and Social Sciences Communications - Nature)

GRANTS AND FELLOWSHIPS

SSHRC Insight Developing Grant: “LLMs, Rabbit Holes, Echo Chamber, and Bias”, 2025-2028 (PI), SSHRC.

SSHRC Reapplication Grant: “Gender barriers and gendered institutions”, 2024 (PI), University of Western Ontario

Undergraduate Summer Research Initiative: “Gender barriers and gendered institutions”, 2024 (PI), University of Western Ontario

SSHRC Exploratory Grant Application: “Sexist Language in Political Spaces: Using Machine Learning to Identify Sexism in Legislative Speech”, 2023 (Co-PI), University of Western Ontario

FRDF Faculty of Social Science: “Coder Identity and Coder Bias”, (PI), University of Western Ontario.

IADB Project Grant: “Policy Reform and Polarization in Latin America”, 2022 (Co-PI).

Research Grant Incentive Program, 2020, University of Houston.

Comparative Politics Research Grant, 2018, University of Maryland.

HONORS AND AWARDS

Círculo de Profesores Destacados, Tecnológico de Monterrey, 2022

Excellence in Teaching Award, University of Maryland, 2019

Latin American Studies Association Travel Grant, LASA Conference, 2017

Reality Scholar, Schusterman Foundation, 2015 - 2016

Deans Fellowship, University of Maryland, Summer 2015

Fulbright Scholar, 2013 – 2014

PUBLICLY AVAILABLE RESOURCES

Computational Text Analysis (Course): https://svallejovera.github.io/cpa_uwo/
Taller de Visualización de Datos (Workshop): <https://shorturl.at/7ai2s>

TEACHING
EXPERIENCE

University of Western Ontario:

POLISCI 3412F - Politics in the Developing World
POLISCI 9591 - Causal Inference and Regressions
POLISCI 9599 - Computational Text Analysis
POLISCI 9525 - Comparative Political Institutions

Tecnológico de Monterrey:

P2001C - Elección pública e instituciones políticas comparadas
TC3065 - Experimentos e inferencia causal para política pública
P1011 - Introducción a las Ciencias Sociales

University of Houston:

POLS 3311- Introduction to Comparative Politics

University of Maryland (Undergraduate):

GVPT282 (Instructor - Online) - Politics and the Developing World
GVPT289L (Teaching Assistant) - Religions, Beliefs and World Affairs
GVPT432 (Teaching Assistant) - Constitutional Law

University of Maryland (Graduate):

GVPT722 (Teaching Assistant) Advanced Quantitative Methods for Political Science
GVPT729 (Teaching Assistant) Maximum Likelihood Estimation
GVPT622 (Teaching Assistant) Quantitative Methods for Political Science
GVPT831 (Teaching Assistant) Formal Theories in Political Science

WORKSHOPS

“R aplicado al análisis de redes,” Universidad Sergio Arboleda (Colombia). September 2021. Instructor.

“A brief introduction to text analysis,” University of Houston (Texas). November 2019. Instructor.

The Institute for Qualitative and Multi-Method Research (IQMR), Syracuse University. June. 2018. Fully-funded Participant, Sponsored by the Consortium on Qualitative Research Methods.

CONFERENCE
PRESENTATIONS

Toronto-Montreal Political Behavior Workshop - Montreal. Poster: “Gendered Speech in Gendered Institutions” (with Analía Gómez Vidal). September 2024.

American Political Science Association (APSA) Conference - Philadelphia (PA). Panelist. Presentation: “Bias in LLMs as Annotators: The Effect of Party Cues on Labelling Decision by Large Language Models.” (with Hunter Driggers), September 2024

Colloquium at the Universidad Politecnica de Valencia - Valencia, Spain. Panelist. Presentation: “LLMs and Social Science”, August 2024.

Latin American Political Science Association-ALACIP - Lisbon, Portugal. Presentation: “Gendered Speech in Gendered Institutions” (with Analía Gómez Vidal), July 2024.

Latin American Political Science Association-ALACIP - Lisbon, Portugal. Presentation: “Gender Quotas and Women Candidates” (with Diana Davila Gordillo), July 2024.

Midwest Political Science Association (MPSA) Conference – Chicago, Illinois. Panelist. Presentation: “Gender Quotas and Women Candidates” (with Diana Davila Gordillo), April 2024.

Midwest Political Science Association (MPSA) Conference – Chicago, Illinois. Panelist. Presentation: “Legislative Speech and Constituency Representation in Open-List Electoral Systems” (with Eduardo Aleman and Pablo Valdivieso), April 2024

Canadian Political Science Association (CPSA) Conference – Montreal. Panelist. Presentation: “Gender Quotas and Women Candidates” (with Diana Davila Gordillo), June 2024.

MapleMeth Conference – London. Panelist. Presentation: “Machines Do See Color: How Transformers Outperform Other Approaches in Classifying Overt and Covert Racism in Text.” (with Joan Timoneda and Diana Davila Gordillo), April 2024.

American Political Science Association (APSA) Conference - Seattle. Panelist. Presentation: “Rage within the Machine: Activation of Racist Content in Social Mediar.” September, 2021.

American Political Science Association (APSA) Conference - Seattle. Panelist. Presentation: “Latin American Legislative Speeches Dataset.” (with Jennifer Tobin) September, 2021.

American Political Science Association (APSA) Conference - Seattle. Panelist. Presentation: “Congressional Committees, Electoral Connections, and Legislative Speeches.” September, 2021.

American Political Science Association (APSA) Conference - Online. Panelist. Presentation: “How Do Shocks Realign Interest Group Lobbying in Congress? Evidence from Ecuador.” September, 2020.

American Political Science Association (APSA) Conference - Washington D.C. Panelist. Presentation: “Interest Group Networks and Economic Shocks.” August, 2019.

Latin American Studies Association (LASA) Conference – Boston, Massachusetts. Panelist. Presentation: “Can I have your attention, please? Economic Elites, Issue Ownership and Issue Salience.” May, 2019.

Midwest Political Science Association (MPSA) Conference – Chicago, Illinois. Panelist. Presentation (with Joan C. Timoneda): “Using Machine Learning to Improve Prediction in Rare Events TSCS Data.” April, 2019.

IV Encuentro GEL-ALACIP, Ciudad de México. Panelist. Presentation: “Can I have your attention, please? Issue salience, Economic elite, and legislative attention.” August, 2018.

35th Annual Meeting of the Society for Political Methodology (PolMeth XXXV), Provo, Utah. Presentation: “Fixed-effects estimation in panel data with selection bias and unobserved heterogeneity”. July, 2018.

Midwest Political Science Association (MPSA) Conference – Chicago, Illinois. Panelist. Presentation: “Fixed-effects estimation in panel data with selection bias and unobserved heterogeneity.” Panelist. Presentation: “Servant with Two Masters: Redistribution, retrenchment, and elite com-

petition.” April, 2018.

Latin American Studies Association (LASA) Conference – Lima, Peru. Panelist. Presentation: “Playing for the home team: Political Business Cycles and Multilateral Development Lending.” May, 2017.

American Political Science Association (APSA) Conference - Philadelphia, Pennsylvania. Panelist. Presentation: “Cashing In: How High Income Inequality and Wealth Accumulation Spur Democratization”. August, 2017.

Midwest Political Science Association (MPSA) Conference – Chicago, Illinois. Panelist. Presentation: “The silent raise of the CAF: economic and political determinants of the (not so) new regional financial actor”. April, 2016.

NYAAPOR (New York American Association of Political Opinion Research). Scholar Event. Panelist. Topic: Research on Political Scandals. May, 2014

- COMPUTER SKILLS
- Statistical Software: R, STATA, Python. Extensive experience in unsupervised/semi-supervised text-analysis, structural topic models, data mining (including Twitter), Monte Carlo simulations, and Machine Learning techniques.
 - Operating Systems: Unix/Linux, Mac OS X.