

Laurence-Olivier M. Foisy

Academic CV

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Academic work experience

- 2024 **Teaching Assistant and course design assistant**, *Interactive Visualization, Dashboards, and Apps with R and Shiny*, ICPSR
- 2024 **Teaching Assistant**, *École interdisciplinaire outils et méthodes*, Laval University
- 2024 **Teaching Assistant**, *pol-2000 Quantitative Methodology*, Laval University
- 2024 **Teaching Assistant**, *POL-7004 quantitative analysis*, Laval University
- 2024 **research assistant**, *Centre for Public Policy Analysis (CAPP)*, Laval University
- 2024 **research assistant**, *Interdisciplinary Research Center on Africa and the Middle East (CIRAM)*, Laval University
- 2024 **Mentor**, *“Interpret and Explore: Deepening Data Analysis with R” workshop organized by the Faculty of Social Sciences (FSS)*, Laval University
- 2024 **Mentor**, *R ‘code-review’ help clinics of the Faculty of Social Sciences (FSS)*, Laval University
- 2023 **Teaching Assistant**, *POL-1005 International Relations and Globalization Challenges*, Laval University
- 2023 **Teaching Assistant**, *pol-2000 Quantitative Methodology*, Laval University
- 2023 **Teaching Assistant**, *pol-2333 International Security*, Laval University
- 2023 **research assistant**, *Leadership Chaire in the Teaching of Digital Social Sciences (CLESSN)*, Laval University

Higher education

- 2023- **Doctor of Philosophy in Political Science** (Department of Political Science), Laval University
- 2019-2021 **Master of International Peace Studies** (School of International Peace Studies), Soka University
- 2018 **Certificate in International Relations** (School of Applied Politics), Sherbrooke University
- 2015-2017 **Bachelor in East Asian Studies** (Asian Studies Center), University of Montreal

Scholarships

- 2023-2025 **Doctoral Admission Grant** (Department of Political Science), Laval University (Quebec), CAD 30000
- 2023-2025 **Success Grant** (Faculty of Graduate and Postdoctoral Studies), Laval University (Quebec), CAD 14000
- 2019-2021 **Makiguchi Foundation for Education International Students Scholarship** (Soka University), Japan, JPY 2,680,000 (approx. CAD 25100)

- 2016-2017 **Mobility Grant** (Ministry of Education of Quebec), Quebec, CAD 8000
- 2016-2017 **Student Exchange Support Program Grant** (Japan Student Services Organization (JASSO)), Japan, JPY 960,000 (approx. CAD 8900)

Publications

Conference papers

- [5] M. Foisy, L., Cadieux, H. & Dufresne, Y. (2024). Beyond Multiple Choices: Capturing Nuanced Public Opinion with Large Language Models. *Conférence annuelle de l'Association canadienne de science politique*,
- [4] Pelletier, C., M. Foisy, L., Proulx, É., Cadieux, H. & Dufresne, Y. (2024). Peur et religiosité : La pandémie de COVID-19 au Canada : À travers le prisme de la peur de la mort et de la religiosité. *Conférence annuelle de l'Association canadienne de science politique*,
- [3] M. Foisy, L., Drouin, J., Pelletier, C., Rivest, J., Cadieux, H. & Dufresne, Y. (2023). Ain't No Party Like a GPT Party: Assessing GPT-4 Political Alignment Classification Capabilities. *SPSA annual meeting conference*,
- [2] Gilbert, J., Ouellet, C., Pelletier, C., Vincent, S., M. Foisy, L. & Dufresne, Y. (2023). A Tale of Two Algorithms : Datagotchi vs ChatGPT in Predicting Vote Choices from Lifestyle Data. *SPSA annual meeting conference*,
- [1] Vincent, S., Cadieux, H., Drouin, J., M. Foisy, L., Gilbert, J. & Dufresne, Y. (2023). Confronting AI to Empirical Data : Exploring Gender and Ethnic Biases in ChatGPT's Responses. *SPSA annual meeting conference*,

Contributions in edited books

- [4] Rancourt, M. & M. Foisy, L. (2024). Langages de programmation. In A. Cloutier, Y. Dufresne & A. Bibeau-Gagnon (Eds.), *Outils de recherche en sciences sociales numériques* (pp. 6). Les Presses de l'Université Laval.
- [3] Vincent, S., M. Foisy, L. & Pelletier, C. (2024). Outils de gestion de la littérature et des références. In A. Cloutier, Y. Dufresne & A. Bibeau-Gagnon (Eds.), *Outils de recherche en sciences sociales numériques* (pp. 8). Les Presses de l'Université Laval.
- [2] Rivest, J., M. Foisy, L. & Cadieux, H. (2024). Outils d'intelligence artificielle. In A. Cloutier, Y. Dufresne & A. Bibeau-Gagnon (Eds.), *Outils de recherche en sciences sociales numériques* (pp. 21). Les Presses de l'Université Laval.
- [1] M. Foisy, L. (2024). L'Ordinateur. In A. Cloutier, Y. Dufresne & A. Bibeau-Gagnon (Eds.), *Outils de recherche en sciences sociales numériques* (pp. 4). Les Presses de l'Université Laval.

Planned publications

- [3] M. Foisy, L., Drouin, J., Pelletier, C., Rivest, J., Cadieux, H. & Dufresne, Y. (revise and resubmit). Ain't No Party Like a GPT Party: Assessing GPT-4 Political Alignment Classification Capabilities.
- [2] M. Foisy, L., Proulx, É., Cadieux, H., Rivest, J., Gilbert, J., Bouillon, A. *et. al.* (submitted). Prompting the Machine: Introducing a LLM Data Extraction Method for Social Scientists.
- [1] Gilbert, J., Ouellet, C., Pelletier, C., Vincent, S., M. Foisy, L. & Dufresne, Y. (submitted). A Tale of Two Algorithms: ChatGPT vs. Classic Sociological Regression Models for Predicting Vote Intentions.

Conferences & invited talks

Conferences

P: presentation, R: redaction of paper

- 2024 Conférence annuelle de l'Association canadienne de science politique^{PR}, Southern Political Science Association: Annual Meeting Conference^{PR}

Invited talks

- 2024
- Initiation à l'analyse de données avec R, Faculty of Social Sciences Workshop, Laval University
- 2023
- Le référencement, Quantitative Methodology Class, Laval University

Research groups & committees

- Memberships
- CLESSN, CAPP, GRCP, CECD
- 2024
- Member of the Scientific Committee, Interdisciplinary Conference on International Studies, Graduate School of International Studies

Teaching experience

Teaching (selected)

Term	Subject taught	Course name
Winter 2024	Git and GitHub	Digital Research Tools
Winter 2023	Directed acyclic graphs (DAG)	Quantitative Methodology
Courses taught as part of a professor replacement		

Additional training (selection)

Methods training

- 2023
- Distinguer la cause de l'effet: causalité et expérimentation, École interdisciplinaire outils et méthodes

Further skills

	Skill	Level	Comment
Computer languages	R	<div><div></div><div></div><div></div><div></div></div>	Used in all of my projects. I taught several workshops on R and published packages
	Python	<div><div></div><div></div><div></div><div></div></div>	Used for web scraping and data analysis
	Typst	<div><div></div><div></div><div></div><div></div></div>	Used in scientific papers
	Quarto	<div><div></div><div></div><div></div><div></div></div>	Used in scientific papers and presentation slides
	LaTeX	<div><div></div><div></div><div></div><div></div></div>	Used for scientific writing
Software	Neovim	<div><div></div><div></div><div></div><div></div></div>	Used for programming and writing documents
	Linux	<div><div></div><div></div><div></div><div></div></div>	Using Debian 12 on all of my machines
	GitHub	<div><div></div><div></div><div></div><div></div></div>	Used for version control and project management
	git	<div><div></div><div></div><div></div><div></div></div>	used for version control in all projects
	Ollama	<div><div></div><div></div><div></div><div></div></div>	used to download and operationalize open-source LLMs
Languages	French	<div><div></div><div></div><div></div><div></div></div>	Native tongue
	English	<div><div></div><div></div><div></div><div></div></div>	Fluent in speech and writing

Skill	Level	Comment
Japanese	<div><div></div><div></div><div></div><div></div></div>	Intermediate level
	<div><div></div><div></div><div></div><div></div></div> basic knowledge	<div><div></div><div></div><div></div><div></div></div> extensive knowledge
	<div><div></div><div></div><div></div><div></div></div> intermediate knowledge	<div><div></div><div></div><div></div><div></div></div> expert knowledge