

## **EDUCATION**

**PhD Candidate**, Political Science, McGill University (expected completion Summer 2025).

- Recipient of 2024 Lemieux Family Dissertation Completion Fellowship (\$25,000)
- Recipient of 2024 Cohere for AI Research Grant (\$2,000)
- Doctoral Fellow (2023/2024) at the Media Ecosystem Observatory (\$10,000).

**Master of Advanced International Studies**, Vienna School of International Studies (July 2018).

- Completed internship at the *Austrian Research Institute for Artificial Intelligence* (OFAI).

**Bachelor of Arts**, Political Science, Pennsylvania State University (December 2014).

## **PUBLICATIONS**

2. **Patterson, Scott Robert** and Vincent Pouliot, 2024. "[Placing Machine Learning into the Hermeneutic Circle: A Combined Computational-Interpretive Method for Text Analysis.](#)" *Journal of International Relations and Development*.
1. Pouliot, Vincent and **Scott Robert Patterson**, 2024. "[Domesticating Wealth Inequality](#)", *Global Studies Quarterly*.

## **OTHER WRITING**

1. Pouliot, Vincent and Olivier Nouwagnon Afogo, Jessy Benoit, Soheila El Ghaziri, Imogen Fraser, Marjolaine Lamontagne, Marianna Mason, Olouwafêmi Rodrigue Oloudé, **Scott Robert Patterson**, Emmanuelle Rousseau, Oumaima Zaki and Yaxin Zhou. 2024. "[Le livre gris de la mondialisation: tensions et contradictions au sein de la gouvernance mondiale.](#)" *Études internationales*.

## **WORKING PAPERS**

**Patterson, Scott Robert** and Vincent Pouliot. "Practice Tracing with Large Language Models." *Contribution to Forum Article on Future Directions of Practice Theory*. [Under review]

**Patterson, Scott Robert** and Aengus Bridgeman. "Podcasts as Data: Mapping the Canadian Podcast Ecosystem."

**Patterson, Scott Robert**, Lee, Jaewook and Krzysztof Pelc. "Large Language Models as Classification Tools: An Application for Write-in Survey Responses."

Pouliot, Vincent and **Scott Robert Patterson**. "Machine Translation in International Organizations Diplomacy: Toward a New Global Politics of Languages?"

## **TEACHING**

### ***Workshop - Introduction to Machine Learning for Text Analysis (June 2024)***

- Workshop for social science faculty at Technische Universität Darmstadt

### ***Workshop - Introduction to Machine Learning for Text Analysis (October 2023)***

- Funded by the FRQSC team grant "Mondialisation sous tension"

### ***Summer School - Analyse computationnelle de textes sur la guerre en Ukraine (July 2023)***

- Four-day summer school program organized by the Réseau d'analyse stratégique (RAS)

### ***Teaching Assistant.*** McGill University.

- International Politics of Economic Relations (Winter 2022)
- Introduction to the Politics of Developing Areas (Winter 2020)
- International Security: Strategies of War and Peace (Fall 2019)

### ***Professional English-as-a-Second-Language Teacher.***

- Professional teacher in Frankfurt, Germany (2016).
- Volunteer teacher at "The Circle" refugee organization in Vienna, Austria (2018).

## **ACADEMIC SERVICE**

### ***Teaching and Learning Services AI Working Group, McGill University.***

Graduate Student Representative, 2023.

### ***Centre for International Peace and Security Studies, McGill University.***

Graduate Student Coordinator, 2022 - 2024.

### ***FRQSC Team Grant - Mondialisation sous tension.***

Administrative coordinator, 2023 - 2024.

## **SELECTED PRESENTATIONS AND WORKSHOPS**

1. "Emerging Technologies and Global Governance." Workshop. Québec City. May 2025
2. "AI-Accelerated Paper Writing." Workshop. [Future of Science Initiative](#). Universität Mannheim, Mannheim, Germany. September 2024.
3. "Language Models in Social Science." Pre-conference workshop, American Political Science Association (APSA) Convention. Philadelphia, USA. September 2024.

4. "Placing Machine Learning into the Hermeneutic Circle: A Combined Computational-Interpretive Method for Text Analysis." Central and East European Division, International Studies Association Convention. Rijeka, Croatia. June 19, 2024.
5. "Mapping the temporal structure of global order in the UN Era: A combined text and network analytic approach." Terminological Innovation in International Relations. Darmstadt, Germany. June 14, 2024.
6. Moderator, "[Artificial Intelligence in Learning](#)" panel. EduGenAI: Shaping Tomorrow's Learning with Generative AI Symposium. 2024.
7. "Naming Names on the General Assembly Floor Mapping World Order through Text and Network Analysis." International Studies Association Annual Convention. 2024.
8. "Interpreting Turning Points in Longitudinal Text Corpora with Machine Learning." American Political Science Association Convention. 2023.
9. "Occupational asymmetry in American electoral campaign finance." Alternative APSA. 2023.  
\*non-presenting co-author
10. "Ambiguity and Omission: Machine Learning Analysis of Diplomatic Text." International Studies Association Annual Convention. 2023.
11. "Machine Translation in International Organizations Diplomacy: Toward a New Global Politics of Languages?" Pre-ISA Workshop: The Global Politics of Language: Past, Present, and Future. 2023.
12. "Domesticating Wealth Inequality." Pre-ISA Workshop: International Institutions in Turbulent Times and Changing World Orders. 2023.
13. "Global AI Governance: Public - Private Partnerships." Guest lecture, undergraduate course on International Institutions. 2023.
14. "[Domesticating Wealth Inequality](#): Hybrid Discourse Analysis of UN General Assembly Speeches, 1971–2018." Austrian Research Institute for Artificial Intelligence Lecture Series. 2022.

#### **PROGRAMMING AND COMPUTING**

- **R** (expert)
- **Python** (advanced)
- **Machine Learning**: LLM prompt design, fine-tuning, speech-to-text models, running local open weight models, corpus linguistics, retrieval augmented generation (RAG), supervised and unsupervised machine learning, word embedding models.

#### **LANGUAGES**

- English (Native)
- French (Intermediate)
- German (Advanced)
- Spanish (Advanced)