

## EDUCATION

<b>PhD in Political Science</b> , <i>The Ohio State University (OSU)</i> <i>Specializations in Comparative Politics and Research Methodology</i> <i>Committee: Jan Pierskalla (chair), Amanda Robinson</i>	Expected 2025
<b>MA in Political Science</b> , <i>The Ohio State University</i>	2022
<b>BS in International Relations</b> , <i>Seton Hall University (SHU)</i>	2020
<b>BA in Economics</b> , <i>Seton Hall University</i>	2020

## RESEARCH PROJECTS

### **Decentralization, Tribal Politics, and Water Resource Management in Jordan** (*dissertation; in progress*)

- Studied the effect of Water User Associations (WUAs) on the delivery of water resources and the enforcement of anti-water theft regulations in the Jordan Valley, with an emphasis on how these effects differ in regions with varying demographic characteristics
- Introduced two new datasets on Jordanian tribal affiliation and demographic estimates by (a) extracting information from existing tribal dictionaries using optimal character recognition techniques and (b) obtaining self-reported affiliations from a social media website
- Estimated water usage using agricultural measures obtained through remote sensing with LANDSAT 7 and LANDSAT 8 images (in progress)
- Collaborated with a Jordanian civil society organization to collect reliable data on WUA membership and locations

### **Urbanization and the Maintenance of Tribal Networks in Jordan's Parliament** (*in-progress; co-authored with Elizabeth Parker-Magyar*)

- Exploits a change in the Jordanian voter registration laws to study how internal migration impacts the power of spatially-oriented tribal networks
- Pairs precinct-level voter registration files with tribal genealogies to examine the density of tribal linkages

### **Predicting Drought Severity in Apache County, Arizona**

*Course Project conducted in collaboration with a PhD student in Environmental Engineering*

- Used existing drought indices such as SPI, SPEI, and PDSI to replicate the drought severity levels reported by the US Drought Monitor from 1999 to 2021 in Apache County, Arizona
- Used unsupervised learning techniques such as Principal Component Analysis (PCA) to produce indicators that appropriately represented the variation across various drought indices
- Used supervised learning methods such as support vector machines (SVMs) to predict drought severity levels

### **Election Boycotts in Electoral Autocracies**

*Paper Title: Nothing to gain, nothing to lose: Expected electoral gains and the decision to boycott*

*Presented at the Midwestern Political Science Association Annual Conference in April 2022*

- Designed a study that examined the conditions under which opposition parties boycott elections in electoral autocracies.
- Made use of various datasets (IDEA, V-Dem, NELDA, DPI) that track opposition party characteristics and information about elections in autocratic settings

## SKILLS

<b>Languages</b>	R, Python, HTML, CSS, Stata, SPSS
<b>Packages</b>	R - dplyr, ggplot2, tidyverse, glmnet, caret, e1071, stringr, arabicstemr, quanteda, preText, tabulizer; Python - pandas, sklearn, beautifulsoup4, matplotlib, seaborn
<b>Communication</b>	English (native), Arabic (MSA - advanced-mid level), Arabic (Jordanian dialect - working proficiency)
<b>Tools</b>	RStudio, Visual Studio Code, Jupyter Notebook, Google Collab, $\LaTeX$ , GitHub
<b>Techniques</b>	Inferential and predictive modeling; linear regression and GLMs; machine learning (Penalized Regression, SVMs); web-scraping; visualization; data analysis; data mining; Natural Language Processing (NLP)

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## OTHER RESEARCH EXPERIENCE

<b>Researcher</b> <i>Center for Strategic Studies (University of Jordan)</i>	<b>Feb. - Nov. 2024</b> <i>Amman, Jorda</i>
<ul style="list-style-type: none"><li>Contributed to an original survey studying Jordanian public opinion about the 2023-2024 War in Gaza (questionnaire design; translation)</li><li>Produced an assessment report studying Jordan's progress in public administration reform</li></ul>	
<b>Research Associate</b> <i>Center for Peace and Conflict Studies</i>	<b>Apr. 2019 - Feb. 2020</b> <i>South Orange, NJ &amp; Amman, Jordan</i>
<ul style="list-style-type: none"><li>Managed logistics and finances for a survey project funded by the German government that sought to understand the social, political, and economic ramifications of the civil war in Yemen</li><li>Coordinated with our donor in Germany (GIZ) as well as our partner organization in Yemen (not named for security purposes) to plan a week-long survey development workshop in Amman, Jordan</li><li>Provided preliminary data analysis of survey data</li></ul>	

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## TEACHING

<b>POLITSC 4940 - Politics of Immigration</b> <i>Instructor of Record</i>	Autumn 2023
<b>POLITSC 7552 - Quantitative Political Analysis II (Generalized Linear Models)</b> <i>Teaching Assistant for Skyler Cranmer</i>	Spring 2023
<b>POLITSC 7551 - Quantitative Political Analysis I (Probability Theory)</b> <i>Teaching Assistant for Jan Pierskalla</i>	Autumn 2022
<b>POLITSC 1200 - Introduction to Comparative Politics</b> <i>Teaching Assistant for Sarah Brooks</i>	Spring 2022
<b>POLITSC 3220 - Politics of the Developing World</b> <i>Teaching Assistant for Erin Lin</i>	Autumn 2021

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## AWARDS

<b>Fulbright-Hays Doctoral Dissertation Abroad Award</b> <i>US Department of Education</i>	2024
\$41,000 grant to study tribal politics and the politics of water management in Jordan from February 2024 through November 2024 in Jordan	
<b>Francis R. Aumann Award for Distinguished Service</b> <i>Ohio State University Department of Political Science</i>	2023
Award for distinguished service to the Department of Political Science and the Political Science Community	
<b>Mershon Center for International Security</b> <i>Ohio State University</i>	2023
Fieldwork in Jordan, Summer 2023	
<b>Political Science Dept. Summer Funding Grant</b> <i>Ohio State University</i>	2021 - 2024
Funded fieldwork in Jordan (2022-2024) and Lebanon (2022), language training (2021), and methodological training (2023)	
<b>Political Science Research Grant</b> <i>Ohio State University</i>	2021 - 2024
<b>Graduate Enrichment Fellowship</b> <i>Ohio State University</i>	Dissertation Year
<b>Division of Social and Behavioral Sciences Fellowship</b> <i>Ohio State University Summers</i>	2021 - 2024
<b>University Fellowship</b> <i>Ohio State University</i>	2020 - 2021
<b>Research Experience for Undergraduates</b> <i>NSF/ University of North Texas</i>	Summer 2019

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## FIELDWORK EXPERIENCE

<b>Jordan (Amman)</b>	Jan.-Nov. 2024; Jul. - Aug. 2023; Jun. 2022; Aug. 2019
<b>Lebanon (Beirut)</b>	Jul. 2022

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## AFFILIATIONS AND SERVICE

<b>OSU Political Science Graduate Immersion Conference</b>	
<i>Committee Chair</i>	2022 - 2023
<b>Midwestern Political Science Association</b>	
<i>Member</i>	2020 - Present
<b>OSU Political Science Graduate Immersion Conference</b>	
<i>Committee Member</i>	2021 - 2021

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## WORK EXPERIENCE

<b>Caritas Internationalis</b>	New York, NY
<i>United Nations Advocacy Assistant</i>	January 2019 - May 2019
<b>BDO Jordan</b>	Amman, Jordan
<i>Business Development Intern</i>	May - August 2018
<b>Endeavor Jordan</b>	Amman, Jordan
<i>Entrepreneur Selection and Growth Intern</i>	February - May 2018
<b>City of Jersey City</b>	Jersey City, NJ
<i>City Council Aide (Ward C)</i>	June - August 2016, 2017

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## CONFERENCE PRESENTATIONS

<b>Midwestern Political Science Association</b>	
<i>Turnout for what? Election boycotts and voter turnout in electoral autocracies</i>	April 2022
<b>International Studies Association - Midwest</b>	
<i>Conflict-Induced Peace: The Effects of Conflict Intensity on Mediation</i>	November 2019
<b>Seton Hall University Petersheim Academic Exposition</b>	
<i>Microfinance and Education: A Two-Prong Approach to Development Inside Za'atari Camp</i>	May 2019