

Joshua E. Lambert, Ph.D.

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ABOUT

I am a recently defended Ph.D. skilled in computational social science methods. I have experience with econometric methods, natural language processing, machine learning, and geospatial analysis. I have published popular and scholarly work that has looked at various conflict dynamics, political instability, and leader psychology utilizing both qualitative and quantitative methods.

EDUCATION

Ph.D., Security Studies
University of Central Florida, Orlando, FL, August 2020
“Food, Familiarity, and Forecasting: Modeling Coups with Computational Methods”
Graduate Certificate: Geographical Information Systems

M.A., Political Science
University of New Orleans, New Orleans, LA, December 2015
Concentration: International Relations

B.A., Political Science
Auburn University, Auburn, AL, May 2014
Minor: Religious Studies

WORK EXPERIENCE

NLP/Machine Learning Researcher Current
National Center for Integrated Coastal Research - UCF, Orlando, FL

- NLP research regarding topical trends in the field of collective resource usage and management.
- Development of supervised machine learning systems to classify common resources outcomes.

Graduate Research Associate 2020
Kurdish Political Studies Program - UCF, Orlando, FL

- Data management and analysis.
- KPSP speakers, scholarship and event logistical support.

Adjunct Lecturer 2019 - 2020
School of Politics, Security, and International Affairs - UCF, Orlando, FL

- **POS 4764 - GIS for Political Analysis**, [Jupyter notebook repository](#)

Graduate Research Associate 2018 - 2019
Intelligence Community's Center for Academic Excellence - UCF, Orlando, FL

- Design and development of data website: [Psychological Characteristics of Leaders \(PsyCL\)](#)
- Managed RA team collection of longitudinal, cross-national leader speech materials.

Researcher 2018
Secure Fisheries - One Earth Future, Broomfield, CO

- Collaboration on the design and implementation of the Fisheries Conflict Database.
- Conduct machine coding, database management, data collection, processing and analysis.

Visiting Research Fellow 2017 - 2018
Intelligence Community's Center for Academic Excellence - UCF, Orlando, FL

- Generate coding schemes for societal source material from 1950-2004, and oversee collection. Conduct data visualization and statistical analysis.

Graduate Teaching Assistant 2018 - 2019
School of Politics, Security, and International Affairs - UCF, Orlando, FL

- *International Relations, Comparative Politics, Geography, Political Science, Public Policy*

Research Assistant

2013 - 2014

Department of Political Science - AU, Auburn, AL

- Developed coding scheme and coded over 850 news articles to determine media perception of D.C. Mayor Marion Barry. Analyzed quantitative and qualitative data.

COMPUTER SKILLS

Programming: Python, SQL, ArcGIS, R, Stata

Data Science: Numpy, Pandas, Matplotlib, Jupyter, Scikit-learn, NLTK, GeoPandas

PUBLICATIONS

- 2020 "The Causes and Consequences of Fisheries Conflict around the Horn of Africa" *Under Review* (2020) Sarah M. Glaser, Colleen Devlin, **Joshua E. Lambert**, and Ciera Villegas.
- 2020 "Presidential Personalities and Operational Codes: Learning Effects and Midterm Congressional Election Results" *Book Chapter - Submitted* (2020) **Joshua E. Lambert**, Mark Schafer, Stephen Walker, and Collin Kazazis.
- 2020 "Psychological Characteristics of Leaders (PsyCL): Introducing a New Data Set" *Under Review* (2020) Mark Schafer and **Joshua E. Lambert**.
- 2019 "Reassessing Private Military and Security Company(PMSC) 'Competition' in Civil War: Lessons from Sierra Leone" *Small Wars and Insurgencies*. (2019) Christopher M. Faulkner, **Joshua E. Lambert**, and Jonathan Powell.
- 2019 "Reassessing Rebellion" *One Earth Future*. Eric Keels, Jay Benson, John Filitz, and **Joshua E. Lambert**.
- 2019 "Why Sudan's deadly crackdown on protesters could escalate in coming weeks" *The Conversation*. Eric Keels and **Joshua E. Lambert**.
- 2019 "Peeling back the layers on the role of private security companies in Africa" *The Conversation*. Christopher Faulkner, **Joshua E. Lambert**, and Jonathan Powell.
- 2018 "Fish Wars: The Causes and Consequences of Fisheries Conflict in Tanzania" *One Earth Future*. Sarah M. Glaser, Colleen Devlin, **Joshua E. Lambert**, Ciera Villegas, and Natasia Poinatte.
- 2018 "Rulers, Elections, and Irregular Governance (REIGN) Showcase: Part I" *One Earth Future*. Clayton Besaw, **Joshua E. Lambert**, and Jean-Pierre Larroque.

WORKING PAPERS

- "Introducing the Commons Synthesis Project: Topics and trends in the study of common-pool resource" (with Graham Epstein, Jacopo Baggio, and Jennifer Joel)
- "Global Patterns in Religion and Large Scale Violence" (With Güneş Murat Tezcür)
- "Coup-Proofing, Mutinies, and Private Military and Security Companies" (with Christopher Faulkner)
- "Them Belly Full but We Hungry: Food Insecurity as an Elite Motivator for Coups"

CONFERENCE PARTICIPATION

- 2020 International Studies Association (Cancelled - Honolulu, HI)
- 2019 International Studies Association (Toronto, CAN)
- 2018 Southern Political Science Association (New Orleans, LA)
- 2017 Florida Political Science Association (Orlando, FL); Southwestern Political Science Association (Austin, TX); International Society of Political Psychology Association (Edinburgh, SCT); International Studies Association South (Orlando, FL)

2014 Alabama Political Science Association (Montgomery, AL); Southern Political
Science Association (New Orleans, LA)
2013 Alabama Political Science Association (Tuscaloosa, AL)

**RESEARCH
INTERESTS**

Conflict, Environmental Security, Civil-Military Relations, Political Psychology,
Data Mining, Remote Sensing, Forecasting

SERVICE

President - Political Science Graduate Student Association (UCF) 2018 - 2019
Vice President - Student Government Association (UNO) 2015
Member - Dean Search Committee (UNO) 2015
Senator - Student Government Association (UNO) 2014 - 2015

**AWARDS &
PROFESSIONAL
DEVELOPMENT**

2020 ViEWS Conflict Forecasting Competition invited participant Uppsala, SWE
2018 PRIO Conflict Trends Course participant Oslo, NOR
2018 SciPy conference workshop participant Austin, TX
2017 GEOINT Symposium participant Tampa Bay, FL
2017 DIA Summer Seminar participant Washington D.C.
2017 UCF Political Science Colloquium presenter Orlando, FL
2017 Florida Political Science Graduate Paper Winner Orlando, FL
2017 ISPP Summer Methodology Academy participant Edinburgh, SCT
2015 UNO Student Government Senator of the year New Orleans, LA

REFERENCES

Jonathan Powell | *Committee Chair*

Associate Professor
School of Politics, Security, and International Affairs
University of Central Florida
Jonathan.Powell@ucf.edu
407-823-2082

Konstantin Ash | *Committee Co-Chair*

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407-823-2608

Peter Jacques | *Committee Member*

Professor
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University of Central Florida
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407-823-6773

Güneş Murat Tezcür | *Supervisor*

Professor and Jalal Talabani Chair of Kurdish Political Studies
School of Politics, Security, and International Affairs
University of Central Florida
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