

# 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”](#)

*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 (Part time)*** August 2020 - Present  
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 (Part time)*** January 2020 - August 2020  
Kurdish Political Studies Program - UCF, Orlando, FL

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

***Adjunct Lecturer (Part time)*** August 2019 - May 2020  
School of Politics, Security, and International Affairs - UCF, Orlando, FL

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

***Graduate Research Associate (Part time)*** May 2018 - July 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 (Full time)*** May 2018 - August 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 (Part time)*** August 2017 - May 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 (Part time)*** August 2016 - May 2018  
School of Politics, Security, and International Affairs - UCF, Orlando, FL

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

***Research Assistant (Part time)*** August 2013 - May 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**

- 2021 “[Presidential Personalities and Operational Codes: Learning Effects and Midterm Congressional Election Results](#)” *Book Chapter in Operational Code Analysis and Foreign Policy Roles Crossing Simon’s Bridge* (2020) **Joshua E. Lambert**, Mark Schafer, Stephen Walker, and Collin Kazazis.
- 2020 “Introducing the Commons Synthesis Project: Topics and trends in the study of common-pool resource” *Under Review* (2020) **Joshua E. Lambert**, Graham Epstein, Jennifer Joel, and Jacopo Baggio.
- 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 “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**

- “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  
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407-823-2082

***Konstantin Ash*** | *Committee Co-Chair*

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School of Politics, Security, and International Affairs  
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407-823-2608

***Peter Jacques*** | *Committee Member*

Professor  
School of Politics, Security, and International Affairs  
University of Central Florida  
Peter.Jacques@ucf.edu  
407-823-6773

***Güneş Murat Tezcür*** | *Supervisor*

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