

# Leo Bauer

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Updated March 9, 2024

## EDUCATION

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Since 2021	<b>University of Maryland, College Park, United States</b> Ph.D. student in Government and Politics <i>Fields:</i> International Relations, Comparative Politics
2018–2021	<b>Goethe University Frankfurt, Germany</b> M.A. in International Studies/Peace and Conflict Research <i>Thesis:</i> “The Use of Repertoires of Violence in Secessionist Civil Wars” <i>Advisor:</i> Constantin Ruhe, <i>Second Reader:</i> Felix Bethke
2019–2020	<b>Sabanci University, Turkey</b> Erasmus+ Exchange Program
2014–2018	<b>Leipzig University, Germany</b> B.A. in American Studies
2017	<b>Ohio University, United States</b> German Academic Exchange Service (DAAD) Transatlantic Capstone Program

## PEER-REVIEWED PUBLICATIONS

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2023	“Rebel Actors and Legitimacy Building.” With Margaret McWeeney and Kathleen Gallagher Cunningham. Online first, <i>International Politics</i> .
2023	“Discursive Shifts in the German Right-Wing Newspaper Junge Freiheit 1997-2019: A Computational Approach.” With Christian Czymara. Online first, <i>German Politics</i> .

## WORKS IN PROGRESS

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2024	“Rebel Group Origins and Civilian Victimization.” With Jessica Maves Braithwaite, Kathleen Gallagher Cunningham, Margaret McWeeney and Sean Rao. Under review.
2024	“Exploring the Nexus between Natural Disasters, Civil Conflict and Displacement.” With Juan D. Gelvez. Working paper.
2023	“Tracing Changes in Pro-Democracy Protest Framing: Evidence from German Democratic Republic State Media.” Working paper.
2022	“Can Mediation Prevent Civil War in Self-Determination Disputes?” With David E. Cunningham, Megan Lloyd and Sloan Lansdale. Working paper.

## PRESENTATIONS & POSTER SESSIONS

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2023	“Can Mediation Prevent Civil War in Self-Determination Disputes?” Paper presented with David E. Cunningham. <i>ISA Annual Convention</i> . Montréal, Canada.
2021	“A Quantitative Discourse Analysis of German Right-Wing Weekly Junge Freiheit.” Poster presented with Christian Czymara. <i>International Conference on Computational Social Science</i> . Online.

## GRANTS & FELLOWSHIPS

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2023	Interdisciplinary Laboratory of Computational Social Science research grant, University of Maryland, College Park
2023	International Conference Student Support Award, University of Maryland, College Park
2023	Jacob K. Goldhaber Travel Grant, University of Maryland, College Park
2023	Lussier Research Travel Grant, University of Maryland, College Park
2022–2025	College of Behavioral and Social Sciences Dean’s Fellowship, University of Maryland, College Park
2019–2020	Erasmus+ scholarship, European Union
2017	Transatlantic Capstone Program scholarship, German Academic Exchange Service (DAAD)

## RESEARCH EXPERIENCE

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2023–2024	<b>University of Maryland, College Park, United States</b> Research assistant to Kathleen Gallagher Cunningham for research project “Climate Change and Alternative Governance”
2021–2023	<b>University of Maryland, College Park, United States</b> Research assistant to David Cunningham for research project “Preventing Civil War through International Actions”
2022, 2023	<b>University of Maryland, College Park, United States</b> Research assistant to Ernesto Calvo at the Interdisciplinary Laboratory of Computational Social Science
2020–2021	<b>Peace Research Institute Frankfurt, Germany</b> Research assistant to Julian Junk at Research Group Radicalization
2020	<b>Max Planck Institute for Social Anthropology, Germany</b> Research intern to Carolin Görzig at Max Planck Research Group How ‘Terrorists’ Learn
2019–2020	<b>Technical University of Darmstadt, Germany</b> Research assistant to Christian Reuter at Research Group Science and Technology for Peace and Security

## TEACHING EXPERIENCE

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2023	<b>University of Maryland, College Park, United States</b> Teaching assistant to Johanna K. Birnir, <i>GVPT729B Applied Social Data Science</i> (graduate level)
2020–2021	<b>Goethe University Frankfurt, Germany</b> Teaching assistant to Christian Czymara, <i>Longitudinal Data Analysis and Causality</i> (graduate level)

## SKILLS

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<b>Languages</b>	German (native), English (proficient), Spanish (intermediate)
<b>Software</b>	GitHub, L <sup>A</sup> T <sub>E</sub> X, NVivo, R (data analysis, statistical modeling and machine learning with <i>boot</i> , <i>caret</i> , <i>fixest</i> , <i>ggeffects</i> , <i>glmnet</i> , <i>lmtest</i> , <i>MASS</i> , <i>performance</i> , <i>randomForest</i> , <i>rio</i> , <i>rpart</i> , <i>systemfit</i> , <i>tidyverse</i> , <i>zoo</i> ), STATA (data analysis and statistical modeling), WordPress
<b>Programming</b>	Python (data mining, text data analysis, image analysis and machine learning with <i>bs4</i> , <i>Levenshtein</i> , <i>matplotlib</i> , <i>nlTK</i> , <i>numpy</i> , <i>pandas</i> , <i>re</i> , <i>scikit-learn</i> , <i>selenium</i> , <i>spacy</i> , <i>transformers</i> )
<b>Methods Training</b>	<i>University of Maryland, College Park</i> : Quantitative Methods, Advanced Quantitative Methods, Maximum Likelihood Estimation, Qualitative and Multi-Methods Research, Machine Learning for Social Sciences

*Goethe University Frankfurt: Longitudinal Data Analysis and Causality*  
*Sabancı University: Methods and Scope of Political Analysis*  
*Image Analysis for Social Sciences: Basics and Automated Analysis Workshop, 2024,*  
American University, United States  
Image classification with convolutional neural networks, analysis with visual structural topic models  
*Summer Institute in Computational Social Science, 2020, Kadir Has University, Turkey*  
Advanced text and trace data mining, network analysis, automated text analysis, data visualization  
*ECPR Winter School, 2020, University of Bamberg, Germany*  
Social media data collection, exploratory data analysis and presentation

## REFERENCES

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Available upon request.