

EVANGELINE REYNOLDS

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POSITION	Assistant Professor/Data Analyst US Military Academy, from 2020
EDUCATION	PhD 2016, University of Illinois, Urbana-Champaign Dissertation Title: "Supranational Law and Compliance" Chair: Xinyuan Dai Committee members: Paul Diehl, Brian Gaines, Matthew Winters BS 2004, Wheaton College, Magna Cum Laude Majors: Chemistry & Spanish Minors: International Relations & Music
PREVIOUS POSITIONS	Visiting Teaching Assistant Professor, Korbel School of International Studies, University of Denver, 2018-2020 Lecturer, Technische Universität Dresden, 2017-2018 Analyst, University of California Davis, contract, 2017-2018 License Officer, US Department of Commerce 2005-2007 Laboratory Assistant, Argonne National Laboratory 2004-2005
AWARDS	R Consortium Grant, 2019-2020 Best Dissertation in Political Science 2015/2016 at the University of Illinois, Kathleen L. Burkholder Prize Lemann Institute Collaborative Research Grant, 2015 with Amâncio Jorge Silva Nunes de Oliveira and Matthew S. Winters University of Illinois 'Incomplete' List of Teachers Ranked as Excellent by their Students, Spring 2012, Fall 2016 Nelle M. Signor Graduate Scholarship for field research in International Relations, Fall 2011 Foreign Language and Area Studies Fellowship, Summer 2009 - Salvador, Brazil and academic years 2009-2010 & 2010-2011 Fulbright Argentina Country Program, March-December, 2008 National Security Education Program Scholarship, for study in Chile, 2003
PUBLICATIONS	<i>Building Code Movies</i> , RStudio Education Blog 2021 <i>Outcome-Oriented Educational Tasks With Flipbooks</i> , Chance Magazine 2020. E. Reynolds, A. Oliveira, J. Onuki, and M. Winters. 2017. <i>Attitudes Toward Consent-Based and Non-Consent-Based International Law in a Regional Power Context</i> , International Interactions.

E. Reynolds and M. Winters. 2016. *Foreign Aid Funnel? A Placebo-Based Assessment of Aid Flows to Non-Permanent U.N. Security Council Members*, Research and Politics.

D. Abraham, E. Reynolds, P. Schultz, A. Jansen, and D. Dees. 2006. *Temperature Dependence of Capacity and Impedance Data from Fresh and Aged High-Power Lithium-Ion Cells*, Journal of Electrochemical. Society, 153(8): A1610-A1616.

D. Abraham, E. Reynolds, E. Sammann, A. Jansen, D. Dees. 2005. *Aging Characteristics of High-Power Lithium-Ion Cells with $\text{LiNi}_{0.8}\text{Co}_{0.15}\text{Al}_{0.05}\text{O}_2$ and $\text{Li}_{4/3}\text{Ti}_{5/3}\text{O}_4$ electrodes*, Electrochimica Acta 51(3): 502-510.

ONLINE LEARNING *The ggplot2 flipbook*

MATERIALS

AUTHORED *A ggplot2 grammar guide*

The R Flipbook Textbook: A introduction to data manipulation, visualization, and statistical analysis with dynamic examples under development.

SELECTED *Flipbooks: presenting incremental, side-by-side, aligned code-output evolution*

WORKING PAPERS *Shallow Fakes: Assessing the potential for spoofing and faking in data visualization and what to do about it*

Reputation, participation, and compliance on the UN Security Council

How much do fake international obligations matter? Testing false-positive rates in dyadic difference-in-difference designs using synthetic interventions

RECENT TALKS *{ggsample}: towards easily visualized sampling methods in the ggplot2 framework*, Metro NExT Workshop, Metropolitan New York Section of the Mathematics Association of America, September 2021.

{ggxmean}: easily visualized summary statistics in the ggplot2 framework, Metropolitan New York Section of the Mathematics Association of America, May 2021.

Flipbooks: Helping people make sense of code by presenting it step-by-step and side-by-side with its output, RStudio Conference; RLadies Denver January 2020 / Max Planck Institute for Biology, Dresden Germany, December 2019.

Is it time to rethinking how we teach the grammar of graphics with ggplot2?, RLadies Denver, November 2019

Toward a reproducible workflow, Korbelt PhD Student Professionalization Series, October 2019

A ggplot2 grammar guide, The Max Planck Institute for Biology, Dresden, July 2019

Shallow fakes: Assessing the potential for spoofing and faking in data visualization and what to do about it, Korbelt School of International Studies Research Seminar, May 2019

Much Obligated: Reputation, Participation, Compliance, and the UN Security Council, Political Methodology Conference, 2018

RI for IR (Randomization Inference in International Relations Research), Lorentz Center, Leiden University, 2018

How Much Does Fictitious International Law ‘Matter’?, with Brian Gaines, American Political Science Association, 2017

RECENT WORKSHOP	RStudio Conference, Workshop: RMarkdown and Interactive Dashboards, 2020
ATTENDANCE	<p>Empirical Research on International Organizations, Lorentz Center, Leiden, Netherlands, 2018</p> <p>Zurich Summer School for Women in Political Methodology, 2017</p> <p>Berkeley Initiative for Transparency in the Social Sciences, 2015</p>
SOFTWARE	R, Stata, SPSS, Git, L ^A T _E X, Markdown, Tableau, Excel
LANGUAGES	English — native, Spanish — fluent, Portuguese — fluent, German — intermediate
SERVICE AND AFFILIATIONS	<p>Cofounder RLadies Denver, 2019-present</p> <p>Member/Presenter Denver R Users Group, 2018-present</p> <p>Peer Review</p> <p>American Journal of Political Science</p> <p>International Interactions</p>
TEACHING EXPERIENCE	<p>Courses at United States Military Academy at West Point</p> <p>Independent Study Adviser: Extending ggplot2 Statistical Geometries</p> <p>Statistics and Probability</p> <p>Courses at University of Denver</p> <p>Defense and Security Quantitative Analysis</p> <p>Data Science for International Relations</p> <p>Defense and Security Methods</p> <p>Data Visualization</p> <p>Courses at Technische Universität Dresden</p> <p>International Organization and Regimes, 2018, 2017</p> <p>Introduction to Data Science and Statistics for Political Analysis 2018</p> <p>Selected Teaching Assistantships at University of Illinois</p> <p>Research Design, PS 522 (Graduate Level) with James Kuklinski, 2015</p> <p>Quantitative Political Analysis I, PS 530 (Graduate Level) with Brian Gaines, 2015</p> <p>Statistical Methods Teaching Support, Research Design PS 199 with James Kuklinski, 2015</p> <p>Statistical Methods Teaching Support, PS 495/496 with Senior Honors</p>

Seminar/Senior Thesis, Jeffery Mondak, 2015

COMMUNITY
ACTIVITIES

Co-founder *RLadies* Denver, 2019
Choir member *The Spirituals Project* of Denver, 2018
English language tutor *Nachhilfe GBZ Emmaus* Dresden, 2018
Soloist, Small Ensemble Organizer/Performer *First Mennonite Church of Urbana*
2012 - 2016
Vocals, *Bate Calado* Musica Popular Brasileira, 2009-2012

REFERENCES

[Professor Xinyuan Dai](#), Associate Professor of Political Science, +1-217-333-3881,
xdai@illinois.edu
[Professor Brian Gaines](#), Professor of Political Science, +1-217-333-4367, bjgaines@illinois.edu
[Professor Matthew Winters](#), Associate Professor of Political Science, +1-217-333-
3881, mwinters@illinois.edu
[Professor Rose Kagawa](#), Assistant Professor Ph.D, M.P.H., UC Davis, rkagawa@ucdavis.edu