JBrandon Duck-Mayr | CV

Assistant Professor

🏠 jbduckmayr.com

📞 254 716 2458
✉ j.duckmayr@gmail.com

Research Interests

· American politics   · Judicial politics   · Quantitative methods   · Game theory

Appointments

Assistant Professor, Department of Government - University of Texas at Austin   2022–

Education

PhD, Political Science - Washington University in St. Louis   2022
    Committee: James F. Spriggs, II (Chair), Lee Epstein, Randall Calvert

JD - Baylor Law School   2015
    Magna Cum Laude, Class Rank: Top 5%

BA, Political Science - Baylor University   2011
    Magna Cum Laude, Phi Beta Kappa

Research

Peer Reviewed Publications

4. Duck-Mayr, JBrandon and Jacob Montgomery (2022). "Ends Against the Middle: Measuring Latent Traits When Opposites Respond the Same Way for Antithetical Reasons". *Political Analysis* Forthcoming.

3. Duck-Mayr, JBrandon (2022). "Explaining Legal Inconsistency". *Journal of Theoretical Politics* 34(1): 107-126. https://doi.org/10.1177/09516298211061159.

2. Duck-Mayr, JBrandon, Thomas G. Hansford, and James F. Spriggs II (2021). "Agenda Setting and Attention to Precedent in the U.S. Federal Courts". *Journal of Law and Courts* 9(2): 233-260. https://doi.org/10.1086/713404.

1. Duck-Mayr, JBrandon, Roman Garnett, and Jacob Montgomery (2020). "GPIRT: A Gaussian Process Model for Item Response Theory". *Proceedings of the 36th Conference on Uncertainty in Artificial Intelligence (UAI)*. 520-529. http://proceedings.mlr.press/v124/duck-mayr20a.html.

Under Review

1. Boston, Joshua, David Carlson, and JBrandon Duck-Mayr (2021). "Political Competition and Judicial Independence". Revise and resubmit at *Journal of Law and Courts*.

Working Papers

2. Duck-Mayr, JBrandon (2022b). "The Force of the Law".

1. Duck-Mayr, JBrandon (2022a). "Inference in Gaussian Process Models for Political Science".

Works in Progress

2. Duck-Mayr, JBrandon and Joseph Ornstein (2021). "Gaussian Process Regression Discontinuity".

1. Butler, Ryden, JBrandon Duck-Mayr, David R. Miller, et al. (2021). "May It Please the President? The Role of Deference to Executive Power in Supreme Court Nominations".

Software

3. Duck-Mayr, JBrandon (2021). *gpmss: Gaussian Process Models for Social Science*. R package version 0.1.0. https://github.com/duckmayr/gpmss.

2. Duck-Mayr, JBrandon and Jacob Montgomery (2020). *bggum: Bayesian Estimation of Generalized Graded Unfolding Model Parameters*. R package version 1.0.2. https://github.com/duckmayr/bggum.

1. Duck-Mayr, JBrandon (2018). *RcppDist: Rcpp Integration of Additional Probability Distributions*. R package version 0.1.1. https://github.com/duckmayr/RcppDist.

Teaching

Constitutional Law - Washington University in St. Louis	Summer 2021, Spring 2020, Summer 2018
American Political Institutions - University of Texas at Austin	Fall 2022

Conference Participation

MPSA annual meeting - "Improving Empirical and Theoretic Models of Judicial Choice Involving Case Facts"	2021
APSA annual meeting - "GPIRT: A Gaussian Process Model for Item Response Theory" and "Improving Empirical and Theoretic Models of Judicial Choice Involving Case Facts"	2020
Conference on Uncertainty in Artificial Intelligence - "GPIRT: A Gaussian Process Model for Item Response Theory"	2020
MPSA annual meeting - "Explaining Confusion in the Law"	2019
Society for Political Methodology Annual Meeting - "Measuring Non-Monotonic Response with the Generalized Graded Unfolding Model" (poster)	2018
APSA annual meeting - "Judicial Independence as a Function of Political Competition"	2018
MPSA annual meeting - "Judicial Independence as a Function of Political Competition"	2017
APSA annual meeting - "Agency Characteristics and Presidential Particularism"	2016

Awards

Antoinette Dames Prize - Washington University in St. Louis · · · · · · · · · · · · · · · · 2018
Awarded for the best paper in a graduate level course, for "Explaining Confusion in the Law"

University Fellowship - Washington University in St. Louis · · · · · · · · · · · · · · · · 2015-2022

Funderburk Evidence Award - Baylor Law School · · · · · · · · · · · · · · · · 2015
Awarded for the best work in Evidence, funded by Funderburk & Funderburk.

Performance Scholarship - Baylor Law School · · · · · · · · · · · · · · · · 2015

Baylor Law Review Association Award - Baylor Law School · · · · · · · · · · · · · · · · 2014
Awarded to Baylor Law Review members selected with the faculty advisor.

William J. Boswell Memorial Award - Baylor Law School · · · · · · · · · · · · · · · · 2013
Awarded for the best work in Torts, given in memory of Dean Emeritus William J. Boswell by R. Jack Ayres, Jr.

Dean's Academic Excellence Scholarship - Baylor Law School · · · · · · · · · · · · · · · · 2012-2015

Service and Activities

Graduate Student Senator - Washington University in St. Louis · · · · · · · · · · · · · · · · 2018-2020

Political Data Science Lab - Washington University in St. Louis · · · · · · · · · · · · · · · · 2015-2022

Senior Executive Editor, Baylor Law Review - Baylor Law School · · · · · · · · · · · · · · · · 2014-2015
Evaluated submissions for publication

Executive Editor, Baylor Law Review - Baylor Law School · · · · · · · · · · · · · · · · 2014-2015
Supervised members' writing requirement progress

Associate Editor, Baylor Law Review - Baylor Law School · · · · · · · · · · · · · · · · 2013
Checked citation accuracy and edited manuscripts

Evidence Coach, Baylor Law School AAJ Mock Trial Team - Baylor Law School · · · · · · · · · · · · · · · · 2015
Gave evidence law lectures and research support

Technical Skills

· C++   · R   · Python   · LaTeX   · bash   · git   · Linux   · Cluster computing