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DANIEL KENT

Interests   computational social science; experimental design; machine learning; social network analysis

Education   Ph.D., Political Science, The Ohio State University, 2020.
M.A., Political Science, The Ohio State University, 2017.
  Subfields: Quantitative Methods and International Relations
B.A., International Relations, University of California, Davis, 2013
  Highest Honors in College of Letters and Science, Departmental Honors and Citation

Projects   *Dissertation:* "Essays on Machine Learning in International Conflict and Social Networks."
  Committee: Bear Braumoeller (Chair), Skyler Cranmer, Chris Gelpi, and James Wilson
  (University of San Francisco Department of Statistics and Data Science)

Daniel Kent, James Wilson, and Skyler Cranmer. "A Permutation-Based Changepoint Technique for Monitoring Effect Sizes." (*Forthcoming at Political Analysis*)

Daniel Silverman, Daniel Kent, and Christopher Gelpi. "Putting Terror in its Place: An Experiment on Mitigating Fears of Terrorism Among the American Public." (*Under Review*)

J. Andres Gannon and Daniel Kent. "Keeping Your Friends Close, But Acquaintances Closer: Why Weakly Allied States Make Loyal Coalition Partners." (*Conditionally Accepted at Journal of Conflict Resolution*)

Software   dynamr: R package for estimating the probability of coefficient changepoints in generalized linear models fit with time series cross-sectional data.

Technical Coursework   *The Erdös Institute*

  Data Science Bootcamp, 2020: Machine Learning and Data Science in Python

The Ohio State University (Graduate)

  Math for Political Scientists, Probability Theory, Applied Regression and Generalized Linear Models, Causal Inference, Machine Learning, Time Series Analysis, Social Network Analysis, Bayesian Inference, Game Theory, and Agent-Based Models

University of California, Davis (Undergraduate)

  Non-Degree Coursework: Mathematics 16A, 16B, 16C (Calculus) and Statistics 108 (Applied Regression)

Skills   R, Python, SQL, Git, Linux, Unix, Spark, LaTeX, Amazon Web Services, Cluster Computing

Grants & Fellowships   *External Awards*

  Time Sharing Experiments for the Social Science (through the NSF), for "Public Fears of Terrorism, Partisan Rhetoric, and the Foundations of American Interventionism", with Daniel Silverman and Christopher Gelpi, 2018. ($20,000)

The Ohio State University

  APSA Conference Travel Grant, 2018. ($200)
  Mershon Center Research Grant, with Skyler Cranmer, 2018–2019. ($36,000)
  Political Networks Conference Fellowship, 2018. ($900)

Junior Methods Fellowship, Program in Statistical Methodology (PRISM), 2017–2018.
　　Statistics and research design consultant for Political Science students and faculty.
Political Networks Conference Fellowship, 2017. (Declined)
Decision Sciences Research Grant, 2017. ($3,000)
Departmental Fellowship, 2015–2016.
Social and Behavioral Sciences Fellowship, 2015–2016.
Summer Travel Award. (Declined)

University of California, Davis

Cal Aggie Alumni Association Outstanding Graduating Senior, 2013.
　　Awarded to only one graduating senior in each major annually.
International Relations Department Academic Achievement Award, 2013.
Regents Scholarship, 2011–2013.
　　UC Davis' most prestigious and competitive undergraduate scholarship.

Conference Presentations

American Statistical Association Symposium on Statistics and Data Science: 2020.
Data Institute San Francisco, Annual Conference: 2019.
American Political Science Association Annual Meeting: 2018.
Political Networks Conference: 2017, 2018, 2020.
International Studies Association Annual Meeting: 2018, 2019.
OSU Decision Sciences Research Forum: 2018.
OSU Military Frontiers Graduate Symposium: 2017.

Research Positions

Research Assistant, Jan Pierskalla, 2020.
Affiliate, Models of Emergent Social Order (MESO) Lab, 2019–Present.
Affiliate, Network Interdependence in Social Systems (NISS) Lab, 2016–Present.
Research Assistant, Skyler Cranmer, 2018 – 2019.
Research Assistant, Margaret Newell (OSU History), 2016.
Research Assistant, Bear F. Braumoeller, 2016.
Research Assistant, Randolph M. Siverson (University of California, Davis), 2012–2013.

Teaching

Instructor

Math Workshop for Political Science (Graduate),
　　The Ohio State University, Summer 2019, 2020.
　　　　Graduate-level mathematics course for 15 incoming Ph.D. students, with an
　　　　emphasis on calculus, linear algebra, probability, and R programming.
POLITSC 3310: Defense and National Security Policy (Undergraduate),
　　The Ohio State University, Autumn 2019.

Teaching Assistant

POLITSC 4115: Bureaucracy and Public Policy
　　The Ohio State University, Spring 2017.
POLITSC 4315: International Security and the Causes of War
　　The Ohio State University, Autumn 2016.

Employment

Program Representative

University of California, Davis Global Study Program; June, 2013 - July, 2015
　　Advised over 1,000 international students from 15+ countries and 4 continents
　　studying at UC Davis through the UC Davis Global Study Program in areas such as:
　　housing, tuition payment, health insurance, and academic advising. Billed, processed,
　　and tracked over $15,000,000 in tuition and health insurance enrollment payments.