

Chad Hazlett

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Academic Positions

- Professor, Department of Statistics and Data Science, UCLA, July 2023–present
- Professor, Department of Political Science, UCLA, July 2023–present
- Associate Professor, Department of Statistics and Data Science, UCLA, July 2021–June 2023
- Associate Professor, Department of Political Science, UCLA, July 2021–June 2023
- Assistant Professor, Department of Statistics and Data Science, UCLA, July 2014–June 2021
- Assistant Professor, Department of Political Science, UCLA, July 2014–June 2021

Education

- **Ph.D.**, Political Science, Massachusetts Institute of Technology, 2009–2014.
Dissertation: *Inference in Tough Places: Essays on Modeling, Matching, and Measurement with Applications to Civil Conflict*.
Committee: Jens Hainmueller (chair), Fotini Christia, Adam Berinsky, Teppei Yamamoto.
Subfields: Political Methodology and International Relations.
- Pre-doctoral Fellow (with Kosuke Imai), Department of Politics, Princeton, 2013–2014.
- **M.P.P.**, Harvard University, Kennedy School of Government, 2004–2006.
Concentration: *Political and Economic Development*.
- **B.S.** with Distinction, *magna cum laude*, Duke University, 1998–2002.
Major: Psychology; Concentration in Cognitive Neuroscience.

Research Interests

Causal inference with observational data, non-randomized trials, sensitivity analysis, machine learning, measurement of sensitive attitudes and emotions, civil conflict, mass atrocities and genocide.

Work in Progress

- Rohde, A., & Hazlett, C. [Causal progress with imperfect placebo treatments and outcomes](#). arXiv:2310.15266. *Revise and Resubmit, Journal of the Royal Statistical Society: A*.
- Hazlett, C., & Xu, Y. [Trajectory balancing: A general weighting approach to causal inference with panel data](#). Available at SSRN 3214231.

Publications

Authorship usually alphabetical.

Peer reviewed

- Hazlett, C., McMurry, N., Shinkre, T. (2026+). [Post-treatment problems: What can we say about the effect of a treatment among sub-groups who \(would\) respond in some way?](#) *Forthcoming in Political*

Analysis.

- Cho, S., Kim, D., & Hazlett, C. (2026). Inference at the data's edge: Gaussian processes for estimation and inference in the face of extrapolation uncertainty. *Political Analysis*, 1–20.
- Rapp, A. M., Ponting, C., Ramos, G., Escovar, E., Hazlett, C., Tan, P. Z., Torres, V., & Chavira, D. A. (2026). A data-driven approach to identifying determinants of depression in rural Latine adolescents. *Cultural Diversity & Ethnic Minority Psychology*.
- Hartman, E., Hazlett, C., & Sterbenz, C. (2025). Kpop: A kernel balancing approach for reducing specification assumptions in survey weighting. *Journal of the Royal Statistical Society Series A: Statistics in Society*.
- Bertoli, A., & Hazlett, C. (2025). Seeing like a district: Understanding what close-election designs for leader characteristics can and cannot tell us. *Political Analysis*, 1–19.
- Hazlett*, C., Wulf*, D., Hill, B., Chiang, J., Goodman-Meza, D., Pasanuic, B., Arah, O., Erlandson, K., & Montague, B. (2025). Safe learning outside of randomized trials: Application of the stability-controlled quasi-experiment to the effects of three COVID-19 therapies. *Observational Studies*. (Hazlett and Wulf co-first authors.)
- Cinelli, C., & Hazlett, C. (2025). An omitted variable bias framework for sensitivity analysis of instrumental variables. *Biometrika*, 112(2).
- Cinelli, C., Ferwerda, J., & Hazlett, C. (2024). sensemakr: Sensitivity analysis tools for OLS in R and Stata. *Forthcoming, Observational Studies*.
- Fabbe, K., Hazlett, C., & Sinmazdemir, T. (2024). Threat perceptions, loyalties and attitudes towards peace: The effects of civilian victimization among Syrian refugees in Turkey. *Conflict Management and Peace Sciences*.
- Hazlett, C., Ramos, A., & Smith, S. (2023). Better individual-level risk models can improve the targeting and life-saving potential of early-mortality interventions. *Scientific Reports*, 13, 21706.
- Faries, D., Gao, C., Zhang, X., Hazlett, C., Stamey, J., Yang, S., Ding, P., Shan, M., Sheffield, K., & Dreyer, N. (2025). Real effect or bias? Best practices for evaluating the robustness of real-world evidence through quantitative sensitivity analysis for unmeasured confounding. *Pharmaceutical Statistics*, 24(2), e2457.
- Martinez-Alvarez, C. B., Hazlett, C., Mahdavi, P., & Ross, M. L. (2023). Reply to van den Bergh and Savin: Fossil fuel taxes are politically hard to change. *Proceedings of the National Academy of Sciences*, 120(37).
- Hazlett, C., & Parente, F. (2023). From “Is it unconfounded?” to “How much confounding would it take?” A sensitivity-based approach to observational studies. *Journal of Politics*.
- Martinez-Alvarez, C. B., Hazlett, C., Mahdavi, P., & Ross, M. L. (2022). Political leadership has limited impact on fossil fuel taxes and subsidies. *Proceedings of the National Academy of Sciences*, 119(47).
- Akhazhanov, A., More, A., Amini, A., Hazlett, C., Treu, T., Birrer, S., & the Dark Energy Survey Collaboration. (2022). Finding quadruply imaged quasars with machine learning. I. Methods. *Monthly Notices of the Royal Astronomical Society*, 513(2).
- Blair, G., Bukar, M., Littman, R., Nugent, E. R., Wolfe, R., Crisman, B., Etim, A., Hazlett, C., & Kim, J. (2021). Trusted authorities can change minds and shift norms during conflict. *Proceedings of the National Academy of Sciences*, 118(42).

- Chang, T. S., Ding, Y., Freund, M. K., Johnson, R., Schwarz, T., Yabu, J. M., Hazlett, C., Chiang, J. N., Wulf, D. A., Antonio, A. L., & Ariannejad, M. (2021). Pre-existing conditions in Hispanics/Latinxs that are COVID-19 risk factors. *iScience*, 24(3), 102188.
- Blum, A., Hazlett, C., & Posner, D. N. (2021). Measuring ethnic bias: Can misattribution-based tools from social psychology reveal group biases that economics games cannot? *Political Analysis*, 29(3), 385–404.
- Conley, B., & Hazlett, C. (2021). How very massive atrocities end: A dataset and typology. *Journal of Peace Research*, 58(3).
- Hazlett, C., & Wainstein, L. (2020). Understanding, choosing, and unifying multilevel and fixed effect approaches. *Political Analysis*, 1–20.
- Hazlett, C., Maokola, W., & Wulf, D. (2020). Inference without randomization or ignorability: A stability-controlled quasi-experiment on the prevention of tuberculosis. *Statistics in Medicine*, 39(28), 4149–4186.
- Hazlett, C., & Mildenerger, M. (2020). Wildfire exposure increases pro-climate political behaviors. *American Political Science Review*.
- Hazlett, C. (2020). Kernel balancing: A flexible non-parametric weighting procedure for estimating causal effects. *Statistica Sinica*.
- Hazlett, C., Campos, E., Tan, P., Truong, H., Loo, S., DiStefano, C., Jeste, S., & Senturk, D. (2020). Principle ERP reduction and analysis: Estimating and using principle ERP waveforms underlying ERPs across tasks, subjects and electrodes. *NeuroImage*, 212, 116630. (Co-first author with E. Campos.)
- Cinelli, C., & Hazlett, C. (2020). Making sense of sensitivity: Extending omitted variable bias. *Journal of the Royal Statistical Society: Series B (Statistical Methodology)*, 82(1), 39–67.
- Hazlett, C. (2020). Angry or weary? How violence impacts attitudes toward peace among Darfurian refugees. *Journal of Conflict Resolution*, 64(5), 844–870.
- Hazlett, C. (2019). Estimating causal effects of new treatments despite self-selection: The case of experimental medical treatments. *Journal of Causal Inference*, 7(1).
- Fabbe, K., Hazlett, C., & Sinmazdemir, T. (2019). A persuasive peace: Syrian refugees' attitudes towards compromise and civil war termination. *Journal of Peace Research*, 56(1), 103–117.
- Fong, C., Hazlett, C., & Imai, K. (2018). Covariate balancing propensity score for a continuous treatment: Application to the efficacy of political advertisements. *The Annals of Applied Statistics*, 12(1), 156–177.
- Hazlett, C., & Berinsky, A. (2018). Stress-testing the affect misattribution procedure: Heterogeneous control of affect misattribution procedure effects under incentives. *British Journal of Social Psychology*, 57(1), 61–74.
- Ross, M. L., Hazlett, C., & Mahdavi, P. (2017). Global progress and backsliding on gasoline taxes and subsidies. *Nature Energy*, 2(1), 1–6.
- Ferwerda, J., Hainmueller, J., & Hazlett, C. (2017). Kernel-Based Regularized Least Squares in R (KRLS) and Stata (krls). *Journal of Statistical Software*, 79(3).
- de Waal, A., Davenport, C., Hazlett, C., & Kennedy, J. (2014). The epidemiology of lethal violence in Darfur: Using micro-data to explore complex patterns of ongoing armed conflict. *Social Science & Medicine*, 120.
- Hainmueller, J., & Hazlett, C. (2014). Kernel regularized least squares: Reducing misspecification

bias with a flexible and interpretable machine learning approach. *Political Analysis*, 22(2).

Prior to PhD

- Weissman, D. H., Gopalakrishnan, A., Hazlett, C. J., & Woldorff, M. G. (2005). [Dorsal anterior cingulate cortex resolves conflict from distracting stimuli by boosting attention toward relevant events](#). *Cerebral Cortex*, 15(2), 229–237.
- Hazlett, C., & Woldorff, M. G. (2004). [Mechanisms of moving the mind's eye: Planning and execution of spatial shifts of attention](#). *Journal of Cognitive Neuroscience*, 16(5).
- Woldorff, M. G., Hazlett, C. J., Fichtenholtz, H. M., Weissman, D. H., Dale, A. M., & Song, A. W. (2004). [Functional parcellation of attentional control regions of the brain](#). *Journal of Cognitive Neuroscience*, 16(1), 149–165.
- Weissman, D. H., Woldorff, M. G., Hazlett, C. J., & Mangun, G. R. (2002). [Effects of practice on executive control investigated with fMRI](#). *Cognitive Brain Research*, 15(1), 47–60.

Book chapters

- Hazlett, C., Matfess, H., & Blair, G. [Beset on all sides: Children and the landscape of conflict in North East Nigeria](#). In *Cradled by Conflict: Child Involvement with Armed Groups in Contemporary Conflict*, S. O'Neil & K. Van Broeckhoven (Eds.).
- Hamilton, R. J., & Hazlett, C. (2007). [Not on our watch: American mobilization for Darfur](#). In *War in Darfur and the Search for Peace*, A. de Waal (Ed.). Harvard University Press.

Software

See the [software](#) section of my website for current details.

- `sensemakr` — Sensitivity of regression results to unobserved confounding. R: `install.packages("sensemakr")`; Stata: `ssc install sensemakr`. [GitHub](#).
- `kbal` — Kernel balancing, including the `kpop()` wrapper for survey reweighting. R: `install.packages("kbal")`. [GitHub](#).
- `gpsr` — Gaussian processes for social science (regression, RD, interrupted time series). R: `install.packages("gpsr")`. [Docs](#).
- `scqe` — Stability-controlled quasi-experiment. R: `install.packages("scqe")`; [web app](#).
- `KRLS` — Kernel-regularized least squares. R: `install.packages("KRLS")`; Stata: `ssc install krls`.
- `pERPred` — Principle ERP reduction and analysis. `devtools::install_github("emjcampos/pERPred")`.

Fellowships

- US Holocaust Museum Simon-Skjodt Center Fellowship. Statistical analyses and annual forecasts of mass atrocity risk. 2017–present.
- Ford International Political Science Fellow, 2009–2013.
- *India: Seva Mandir*, 2003–2004. Hart Fellowship, Duke University. Field research on rural health care access; designed and launched a health insurance program.

Professional Memberships

- UCLA Bedari Kindness Institute, Faculty Associate, 2020.

- Center for California Population Research, Faculty Associate, 2014–.
- Evidence in Governance and Politics (EGAP), Member, 2018–.
- Center for Effective Global Action (CEGA), Faculty Affiliate, 2019–.

Consultations and Field Experience

- *USAID: Reconciliation, Reintegration, and Stabilization in Mali* (November 2020–present). With Dan Posner and Salma Mousa. Developing and evaluating interventions to facilitate reintegration and reduce inter-group conflict in Mali.
- *Early Warning Project, U.S. Holocaust Museum* (2016–present). Annual risk forecasts and additional analysis of countries at risk of mass killings.
- *Nigeria: United Nations University* (2016–2017). Preventing and responding to Boko Haram recruitment of children.
- *Political Instability Task Force* (2012–2018). Statistical analyses and forecasting models on mass killings and civil wars.
- *U.S. Institute of Peace* (2011). Assessed an existing genocide forecasting model and recommended improvements.
- *Chad: U.S. Department of State* (2010). Field statistician in eastern Chad for “Darfurian Voices”, a project surveying over 2,000 refugees, civilian leaders, and rebel leaders in refugee camps.
- *Mass Atrocities Response Operations, Carr Center for Human Rights, Harvard* (2010). Produced a report on African countries’ and regional organizations’ preparedness to respond to mass atrocities.
- *Burma, Thailand: Genocide Intervention Network* (2008, 2010). Developed and evaluated a radio-based civilian early warning system in eastern Burma.
- *African Union* (2009). Analyzed patterns of violence in Darfur (2008–2009) using peacekeeping-mission and media sources.