

Stanford



Daniel Ho

William Benjamin Scott and Luna M. Scott Professor of Law, Professor of Political Science and Senior Fellow at the Stanford Institute for Economic Policy Research
Stanford Law School

Bio

BIO

Daniel E. Ho is the William Benjamin Scott and Luna M. Scott Professor of Law at Stanford Law School, Professor of Political Science, Senior Fellow at the Stanford Institute for Economic Policy Research, Associate Director of the Stanford Institute for Human-Centered Artificial Intelligence, and Director of the Regulation, Evaluation, and Governance Lab (RegLab).

He is also a Faculty Fellow at the Center for Advanced Study in the Behavioral Sciences, Faculty Affiliate at the Woods Institute for the Environment, and Faculty Affiliate at the Wilson Sheehan Lab for Economic Opportunities.

His scholarship centers on quantitative empirical legal studies, with a substantive focus on administrative law and regulatory policy, antidiscrimination law, and courts. He received his J.D. from Yale Law School and his Ph.D. in political science from Harvard University, and clerked for Judge Stephen F. Williams on the U.S. Court of Appeals, District of Columbia Circuit. His research has appeared in journals such as the Stanford Law Review, the Yale Law Journal, the N.Y.U. Law Review, the Journal of the American Statistical Association, the American Statistician, the Journal of Law, Economics, and Organization, the American Economic Journal: Economic Policy, Quarterly Journal of Political Science, Political Analysis, the Journal of Legal Studies, and the Journal of Empirical Legal Studies. He is the recipient of numerous awards, including the John Bingham Hurlbut Award for Excellence in Teaching at Stanford Law School (2010), the Warren Miller prize for the best paper published in Political Analysis (2008), and the Pi Sigma Alpha award for the best paper delivered at the Midwest Political Science Association meeting (2004). He served as President for the Society of Empirical Legal Studies (2011-12) and as co-editor of the Journal of Law, Economics, and Organization (2013-16).

ACADEMIC APPOINTMENTS

- Professor, Stanford Law School
- Professor, Political Science
- Senior Fellow, Stanford Institute for Economic Policy Research (SIEPR)
- Associate Director, Institute for Human-Centered Artificial Intelligence (HAI)

ADMINISTRATIVE APPOINTMENTS

- Director, Regulation, Evaluation, and Governance Lab, (2018- present)
- Associate Director, Stanford Institute for Human-Centered Artificial Intelligence, (2019- present)

PROGRAM AFFILIATIONS

- Public Policy
- Symbolic Systems Program

LINKS

- RegLab: <https://reglab.stanford.edu/>

Teaching

COURSES

2021-22

- Regulation, Evaluation, and Governance Lab: Practicum: LAW 7102 (Aut)

2020-21

- Law and Politics of Bureaucracy: LAW 7096 (Spr)
- Law and Politics of Bureaucracy: POLISCI 228C, POLISCI 428C (Spr)
- Policy Practicum: Creating a National Research Cloud: LAW 807Z (Win, Spr)
- Policy Practicum: Developing Best Practices for Clean Water Act Enforcement: LAW 807W (Aut, Win)
- Regulation, Evaluation, and Governance Lab: Practicum: LAW 7102 (Aut, Win)

2019-20

- Administrative Law: LAW 7001 (Win)
- Discussion (1L): Asian Americans and the Law: LAW 240A (Aut)
- Law and Politics of Bureaucracy: LAW 7096 (Spr)
- Law and Politics of Bureaucracy: POLISCI 228C, POLISCI 428C (Spr)

2018-19

- Food Law and Policy: LAW 7024 (Win)
- Law, Bias, and Algorithms: LAW 7073 (Spr)
- Policy Practicum: Administering by Algorithm: Artificial Intelligence in the Regulatory State: LAW 806O (Win, Spr)
- Policy Practicum: Creating a Social Media Oversight Board for Content Decisions: LAW 806V (Spr)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Emily Zhang

Postdoctoral Faculty Sponsor

Hadi Elzayn

Doctoral Dissertation Advisor (AC)

Mark Krass

Doctoral Dissertation Co-Advisor (AC)

Mansheej Paul

Doctoral (Program)

Alexandra Minsk

Publications

PUBLICATIONS

- **Enhancing environmental enforcement with near real-time monitoring: Likelihood-based detection of structural expansion of intensive livestock farms** *INTERNATIONAL JOURNAL OF APPLIED EARTH OBSERVATION AND GEOINFORMATION*
Chugg, B., Anderson, B., Eicher, S., Lee, S., Ho, D. E.
2021; 103
- **A language-matching model to improve equity and efficiency of COVID-19 contact tracing.** *Proceedings of the National Academy of Sciences of the United States of America*
Lu, L., Anderson, B., Ha, R., D'Agostino, A., Rudman, S. L., Ouyang, D., Ho, D. E.
2021; 118 (43)
- **Improving the Reliability of Food Safety Disclosure: Restaurant Grading in Seattle and King County, Washington** *JOURNAL OF ENVIRONMENTAL HEALTH*
Ashwood, Z. C., Elias, B., Ho, D. E.
2021; 84 (2): 30-37
- **How medical AI devices are evaluated: limitations and recommendations from an analysis of FDA approvals.** *Nature medicine*
Wu, E., Wu, K., Daneshjou, R., Ouyang, D., Ho, D. E., Zou, J.
2021
- **Brevity, Speed, and Deference: An Account from the Williams Chambers** *YALE JOURNAL ON REGULATION*
Hausman, D. K., Ho, D. E., O'Connell, A.
2021; 38 (3): 745-751
- **How US law will evaluate artificial intelligence for covid-19.** *BMJ (Clinical research ed.)*
Krass, M. n., Henderson, P. n., Mello, M. M., Studdert, D. M., Ho, D. E.
2021; 372: n234
- **EVALUATING FACIAL RECOGNITION TECHNOLOGY: A PROTOCOL FOR PERFORMANCE ASSESSMENT IN NEW DOMAINS** *DENVER LAW REVIEW*
Ho, D. E., Black, E., Agrawala, M., Li Fei-Fei
2021; 98 (4): 753-773
- **Algorithmic Accountability in the Administrative State** *YALE JOURNAL ON REGULATION*
Engstrom, D., Ho, D. E.
2020; 37 (3): 800-854
- **Improving Scientific Judgments in Law and Government: A Field Experiment of Patent Peer Review** *JOURNAL OF EMPIRICAL LEGAL STUDIES*
Ho, D. E., Ouellette, L.
2020; 17 (2): 190-223
- **Due Process and Mass Adjudication: Crisis and Reform** *STANFORD LAW REVIEW*
Ames, D., Handan-Nader, C., Ho, D. E., Marcus, D.
2020; 72 (1): 1-78
- **Feasible Policy Evaluation by Design: A Randomized Synthetic Stepped-Wedge Trial of Mandated Disclosure in King County.** *Evaluation review*
Handan-Nader, C. n., Ho, D. E., Elias, B. n.
2020: 193841X20930852
- **Menu labeling, calories, and nutrient density: Evidence from chain restaurants.** *PloS one*
Ho, D. E., Mbonu, O. n., McDonough, A. n., Pottash, R. n.
2020; 15 (5): e0232656
- **New Evidence on Information Disclosure through Restaurant Hygiene Grading** *AMERICAN ECONOMIC JOURNAL-ECONOMIC POLICY*
Ho, D. E., Ashwood, Z. C., Handan-Nader, C.
2019; 11 (4): 404-28

- **Quality Review of Mass Adjudication: A Randomized Natural Experiment at the Board of Veterans Appeals, 2003-16** *JOURNAL OF LAW ECONOMICS & ORGANIZATION*
Ho, D. E., Handan-Nader, C., Ames, D., Marcus, D.
2019; 35 (2): 239–88
- **Deep learning to map concentrated animal feeding operations** *NATURE SUSTAINABILITY*
Handan-Nader, C., Ho, D. E.
2019; 2 (4): 298–306
- **When Algorithms Import Private Bias into Public Enforcement: The Promise and Limitations of Statistical Debiasing Solutions**
Altenburger, K. M., Ho, D. E.
J C B MOHR.2019: 98–122
- **Is Yelp Actually Cleaning Up the Restaurant Industry? A Re-Analysis on the Relative Usefulness of Consumer Reviews**
Altenburger, K. M., Ho, D. E., Assoc Comp Machinery
ASSOC COMPUTING MACHINERY.2019: 2543–50
- **Do Checklists Make a Difference? A Natural Experiment from Food Safety Enforcement** *JOURNAL OF EMPIRICAL LEGAL STUDIES*
Ho, D. E., Sherman, S., Wyman, P.
2018; 15 (2): 242–77
- **Does Peer Review Work? An Experiment of Experimentalism** *STANFORD LAW REVIEW*
Ho, D. E.
2017; 69 (1): 1-119
- **Managing Street-Level Arbitrariness: The Evidence Base for Public Sector Quality Improvement** *ANNUAL REVIEW OF LAW AND SOCIAL SCIENCE, VOL 13*
Ho, D. E., Sherman, S., Hagan, J.
2017; 13: 251–72
- **TESTING THE MARKETPLACE OF IDEAS** *NEW YORK UNIVERSITY LAW REVIEW*
Ho, D. E., Schauer, F.
2015; 90 (4): 1160-1228
- **Randomizing ... What? A Field Experiment of Child Access Voting Laws** *JOURNAL OF INSTITUTIONAL AND THEORETICAL ECONOMICS-ZEITSCHRIFT FUR DIE GESAMTE STAATSWISSENSCHAFT*
Ho, D. E.
2015; 171 (1): 150-170
- **Does Class Size Affect the Gender Gap? A Natural Experiment in Law** *JOURNAL OF LEGAL STUDIES*
Ho, D. E., Kelman, M. G.
2014; 43 (2): 291-321
- **Foreword: Conference Bias** *JOURNAL OF EMPIRICAL LEGAL STUDIES*
Ho, D. E.
2013; 10 (4): 603–11
- **INTRODUCTION: THE EMPIRICAL REVOLUTION IN LAW** *STANFORD LAW REVIEW*
Ho, D. E., Kramer, L.
2013; 65 (6): 1195–1202
- **Fudging the Nudge: Information Disclosure and Restaurant Grading** *YALE LAW JOURNAL*
Ho, D. E.
2012; 122 (3): 574-688
- **MatchIt: Nonparametric Preprocessing for Parametric Causal Inference** *JOURNAL OF STATISTICAL SOFTWARE*
Ho, D. E., Imai, K., King, G., Stuart, E. A.
2011; 42 (8)
- **Credible Causal Inference for Empirical Legal Studies** *ANNUAL REVIEW OF LAW AND SOCIAL SCIENCE, VOL 7*

Ho, D. E., Rubin, D. B.
2011; 7: 17-40

- **How Not to Lie with Judicial Votes: Misconceptions, Measurement, and Models** *CALIFORNIA LAW REVIEW*
Ho, D. E., Quinn, K. M.
2010; 98 (3): 813-876
- **Reconciling Punitive Damages Evidence** *JOURNAL OF INSTITUTIONAL AND THEORETICAL ECONOMICS-ZEITSCHRIFT FUR DIE GESAMTE STAATSWISSENSCHAFT*
Ho, D. E.
2010; 166 (1): 27-32
- **DID LIBERAL JUSTICES INVENT THE STANDING DOCTRINE? AN EMPIRICAL STUDY OF THE EVOLUTION OF STANDING, 1921-2006** *STANFORD LAW REVIEW*
Ho, D. E., Ross, E. L.
2010; 62 (3): 591-667
- **VIEWPOINT DIVERSITY AND MEDIA CONSOLIDATION: AN EMPIRICAL STUDY** *STANFORD LAW REVIEW*
Ho, D. E., Quinn, K. M.
2009; 61 (4): 781-868
- **Improving the Presentation and Interpretation of Online Ratings Data with Model-Based Figures** *AMERICAN STATISTICIAN*
Ho, D. E., Quinn, K. M.
2008; 62 (4): 279-288
- **Evaluating Course Evaluations: An Empirical Analysis of a Quasi-Experiment at the Stanford Law School, 2000-2007** *JOURNAL OF LEGAL EDUCATION*
Ho, D. E., Shapiro, T. H.
2008; 58 (3): 388-412
- **Estimating causal effects of ballot order from a randomized natural experiment - The California alphabet lottery, 1978-2002** *PUBLIC OPINION QUARTERLY*
Ho, D. E., Imai, K.
2008; 72 (2): 216-240
- **Measuring Explicit Political Positions of Media** *QUARTERLY JOURNAL OF POLITICAL SCIENCE*
Ho, D. E., Quinn, K. M.
2008; 3 (4): 353-377
- **Matching as nonparametric preprocessing for reducing model dependence in parametric causal inference** *POLITICAL ANALYSIS*
Ho, D. E., Imai, K., King, G., Stuart, E. A.
2007; 15 (3): 199-236
- **Randomization inference with natural experiments: An analysis of ballot effects in the 2003 California recall election** *63rd Annual Meeting of the Midwest-Political-Science-Association*
Ho, D. E., Imai, K.
AMER STATISTICAL ASSOC.2006: 888-900