

Aaron J. Chalfin

Curriculum Vitae

CONTACT INFORMATION

University of Pennsylvania
Department of Criminology
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CURRENT POSITIONS

2016-present Assistant Professor, Department of Criminology, University of Pennsylvania
2016-present Research Affiliate, University of Chicago Crime Lab

PRIOR POSITIONS

2014-2016 Research Director, University of Chicago Crime Lab
2013-2014 Assistant Professor, School of Criminal Justice, University of Cincinnati
2006-2008 Research Associate, Justice Policy Center, Urban Institute

EDUCATION

2013 Ph.D., Public Policy, University of California, Berkeley
2004 M.A., International and Development Economics, Yale University
2003 B.S., Industrial & Labor Relations (concentration in Economics), Cornell University

RESEARCH INTERESTS

The Economics of Crime, Criminal Justice Policy, Economic Demography, Applied Econometrics

WORK IN PROGRESS

"New Evidence on Mexican Immigration and Crime in the United States: Evidence from a Natural Experiment in Immigration Enforcement" (with Monica Deza)

"The Effect of Street Lighting on Crime: Evidence from a Randomized Experiment," (with Ben Hansen, Jason Lerner and Lucie Parker)

"Re-Examining the Relationship Between Immigration and Crime: Evidence from Mexico's Demographic Transition"

"The Effect of Parental Education on Children's Drug and Alcohol Use" (with Monica Deza)

"Using Wide Data to Target Crime Control: Selecting High Risk Domestic Violence Victims Using Machine Learning" (with Zubin Jelveh and Jens Ludwig)

"Making Case Studies More Credible: Matching, Machine Learning and Model Selection" (with Val Gilbert and Zubin Jelveh)

"Not So Conservative After All: Exact Matching and Attenuation Bias in Randomized Experiments" (with Ben Hansen, Zubin Jelveh, Sarah Tahamont and Shi Yan)

JOURNAL ARTICLES

"The Intergenerational Effects of Education on Delinquency," forthcoming in *Journal of Economic Behavior & Organization* (with Monica Deza)

"Are U.S. Cities Underpoliced? Theory and Evidence," forthcoming in *The Review of Economics and Statistics* (with Justin McCrary)

⇒ Formerly "The Effect of Police on Crime: New Evidence from U.S. Cities, 1960-2010," NBER Working Paper #18815

"Criminal Deterrence: A Review of the Literature" forthcoming in *Journal of Economic Literature* [Lead Article] (with Justin McCrary)

"Estimating the Effects of Raising the Age of Majority: Evidence from Connecticut," *Criminology & Public Policy* 16(1): 45-71 (with Charles Loeffler)

"Productivity and Selection of Human Capital with Machine Learning," *American Economic Review, Papers & Proceedings* 106(5): 124-127 (with Oren Danieli, Andrew Hillis, Zubin Jelveh, Mike Luca, Jens Ludwig and Sendhil Mullainathan)

"Can Rational Choice Be Considered a General Theory of Crime? Evidence from Individual-Level Panel Data," *Criminology* 54(1): 86-112 (with Tom Loughran, Ray Paternoster and Theodore Wilson)

"The Long-Run Effect of Mexican Immigration on Crime in U.S. Cities: Evidence from Variation in Mexican Fertility Rates," *American Economic Review, Papers & Proceedings* 105(5): 220-225

"The Effect of Federal Immigration Enforcement on Local Crime and Policing: Evidence from Secure Communities," *Criminology & Public Policy* 13(2): 285-322 (with Charles Loeffler and Elina Treyger)

"What is the Contribution of Immigration to U.S. Crime Rates? Evidence from Rainfall Shocks in Mexico," *American Law & Economics Review* 16(1): 220-268

"What Do Panel Studies Tell Us About a Deterrent Effect of Capital Punishment? A Critique of the Literature," *Journal of Quantitative Criminology* 29(1): 5-43 (with Amelia Haviland and Steve Raphael)

"Reassessing the Cost of the Death Penalty Using Quasi-Experimental Methods: Evidence from Maryland," *American Law & Economics Review* 11: 530-574 (with John Roman and Carly Knight)

"The DNA Field Experiment: A Randomized Controlled Trial of the Cost-Effectiveness of Using DNA to Solve Property Crimes," *Journal of Experimental Criminology* 5(4): 345-369 (with John Roman, Shannon Reid and Carly Knight)

- ⇒ Awarded Best Field Trial, American Society of Criminology, 2011
- ⇒ Urban Institute President's Award for Best Annual Research Publication, 2009

"The Relation of the Perceived Environment to Fear, Physical Activity and Health in Public Housing Developments: Evidence from Chicago," *Journal of Public Health Policy* 30(1) 286-308 (with Caterina Roman, Carly Knight and Susan Popkin)

"Fear of Walking Outdoors: A Multilevel Analysis of Crime and Disorder," *American Journal of Preventive Medicine* 24(1): 36-48 (with Caterina Roman)

"What Does Cost-Benefit Analysis Add to Decision Making? Evidence from the Criminal Justice Literature," *Journal of Experimental Criminology* 4(2): 117-125 (with Kevin Marsh and John Roman)

"Has Demand for Crime Increased? The Prevalence of Personal Media Devices and the Robbery Spike in 2005 and 2006," *American Criminal Law Review* 45: 1149-1166 (with John Roman)

BOOK CHAPTERS

"Capital Punishment Research," forthcoming in *The Encyclopedia of Research Methods and Statistical Techniques in Criminology and Criminal Justice* (with Val Gilbert and Lucie Parker)

"Economic Theory" in Frank Cullen, Daniel Nagin and Cheryl Lero Jonson, (eds.), *Deterrence, Choice and Crime: Contemporary Perspectives* (with Sarah Tahamont)

"Prisons and Crime Control" in Michael Tonry, (ed.), *The Oxford Handbook on Prisons and Imprisonment* (with Sarah Tahamont)

"The Economic Costs of Crime" in Wesley Jennings, (ed.), *The Encyclopedia of Crime and Punishment*, Wiley-Blackwell, 2014

"Work and Crime" in Michael Tonry (ed.), *Oxford Handbook of Crime and Criminal Justice*, Oxford University Press, 2011 (with Steve Raphael)

"From Impact Evaluation to Cost-Benefit Evaluation: Methodological Issues in the Joint Estimation of Costs and Benefits" in Terrence Dunworth and John Roman (eds.), *Cost-Benefit Analysis and Crime Control*, Washington DC: Urban Institute Press, 2009

OTHER WRITING

"Impact and Cost-Benefit Analysis of the Anchorage Wellness Court," Urban Institute Research Report, July 2008 (with John Roman, Jay Reid and Shannon Reid)

"To Treat or Not to Treat: Evidence on the Prospects of Expanding Treatment to Drug-Involved Offenders," Urban Institute Research Report, April 2008 (with Avinash Bhati and John Roman)

PRESENTATIONS

American Economic Association, American Society of Criminology, APPAM, Case Western Reserve University (Economics), Columbia University (SIPA), Federal Reserve Bank of Boston,

Inter-American Development Bank, International Community Corrections Association, NBER Summer Institute (Crime/Labor Studies), NIJ Crime Mapping Conference, Population Association of America, Public Policy Institute of California, RAND Corporation, Stockholm Criminology Symposium, UC Berkeley (Demography, Goldman School of Public Policy), UCLA (Public Policy), University of Chicago Crime Lab, University of Cincinnati (Criminal Justice), University of Maryland (Workshop on Crime and Economics, Criminology), University of Oregon (Economics), University of Pennsylvania (Criminology), University of Rochester (Economics), University of South Florida (Criminology), UT Dallas (Economics & Criminology)

AWARDS AND FELLOWSHIPS

2014 *Economic Journal* Referee Prize
2012 NSF/NBER Doctoral Fellowship, Program on the Economics of Crime
2012 National Institutes of Health, NICHD Doctoral Training Grant
2011 Dean's Normative Time Fellowship, UC Berkeley
2009 NSF IGERT Fellowship in Politics, Economics and Public Policy

TEACHING

University of Pennsylvania, Department of Criminology
Instructor: Quantitative Methods for Policy Analysis (graduate), Seminar in Criminal Justice (graduate), Introduction to Criminal Justice (undergraduate)

University of Cincinnati, School of Criminal Justice
Instructor: Applied Statistics (graduate), Research Methods (undergraduate)

University of California, Berkeley, Department of Economics
Head Graduate Student Instructor to Ron Lee, Course: Introduction to Economic Demography (undergraduate)

PROFESSIONAL SERVICE

Manuscript Reviewer:

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| <i>American Economic Review</i> | <i>American Economic Journal: Applied Economics</i> |
| <i>American Economic Journal: Economic Policy</i> | <i>American Law & Economics Review</i> |
| <i>American Political Science Review</i> | <i>Crime Science</i> |
| <i>Criminology</i> | <i>Economic Journal</i> |
| <i>European Economic Review</i> | <i>European Journal of Law and Economics</i> |
| <i>Industrial Relations</i> | <i>International Review of Law & Economics</i> |
| <i>Journal of Economic Behavior & Organization</i> | <i>Journal of Economic Development</i> |
| <i>Journal of the European Economic Association</i> | <i>Journal of Law & Economics</i> |
| <i>Journal of Labor Economics</i> | <i>Journal of Policy Analysis & Management</i> |
| <i>Journal of Public Economics</i> | <i>Journal of Quantitative Criminology</i> |
| <i>Journal of Urban Economics</i> | <i>Justice Quarterly</i> |
| <i>Latin American Journal of Economics</i> | <i>Management Science</i> |
| <i>PLoS ONE</i> | <i>Review of Economic Studies</i> |
| <i>The Review of Economics and Statistics</i> | <i>Quarterly Journal of Economics</i> |
| <i>Social Problems</i> | |

Other Reviewing: National Science Foundation (Program on Economics), Israel Science Foundation, Praeger Publishers (Public Economics: The Government's Role in American Economics)

University Service: Undergraduate Chair, Department of Criminology, University of Pennsylvania (2016-present)

Advisory Positions: Data Science Working Group, Center for the Advancement of Public Integrity, Columbia Law School (2016-2017)

REFERENCES

Steve Raphael
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Jens Ludwig
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