

Joshua J. Fink

Vitae

Contact Information

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Education

Expected 2017	Duke University Dissertation: Class, Criminality, and Drug Arrests: Identifying the Elusive Effects of Class Using New Statistical Approaches	Doctorate of Philosophy, Sociology
Earned 2015	Duke University Thesis: Applying Bayesian Computational Methods and Stochastic Modeling to Crime and Arrest Data	Master of Science, Statistical Science
Earned 2011	Pepperdine University Thesis: Power and Status in College Admissions	Bachelor of Arts, Sociology Cum Laude

Refereed Articles

- Charron-Chénier, Raphaël, **Joshua J. Fink**, Lisa A. Keister. 2017. "Race and Consumption: The Role of Structural Constraints and Price in Household Expenditures" *Sociology of Race and Ethnicity*
- Fink, Joshua J., Cindy Dollar, Patricia McCall, Kenneth Land. 2017. "Age Structure and Neighborhood Homicide: A Test of the Differential Institutional Engagement Hypothesis" *Homicide Studies*
- Fink, Joshua J. and David Brady. 2017. "Immigration and Preferences for Greater Law Enforcement Spending in Rich Democracies" *RnR, Social Forces*
- Fink, Joshua J. and Kenneth Land. "Adult Dance Entertainment Clubs and Human Trafficking: A, Quantitative Examination of Court Records" under review at, *Law and Society Review*
- |working papers|
- Fink, Joshua J. "Neural Networks on Drugs: A Study of SES in Narcotics Arrests Using Machine Learning Techniques" *working paper*
- Fink, Joshua J. "Class, Crime, and Latent Classes of Crime: A Bayesian Approach to a Persistent Enigma" *working paper*
- Fink, Joshua J. "Drugs, Dorms, and Disparities: How College Contributes to Punishment Inequality" *working paper*

Grants, Scholarships, and Honors

2016-17	PARISS Fellowship University Wide Competitive Research Grant	Program for Advanced Research in the Social Sciences
2016	Jess & Minnie Brady Jaffrey Summer Research Fellowship Competitive Research Grant	Jess & Minnie Brady Jaffrey College Scholarship Fund
2013-15	Population Research Institute T-32 Training Grant University Wide Competitive Research Grant	National Institute on Aging (NIA)
2013-14	Kenan Institute for Ethics Graduate Fellow Awarded to Elected Graduate Students	Duke University Kenan Institute
2013	Duke Summer Research Fellowship University Wide Competitive Research Grant	Duke University Graduate School
2013	Linda K. George Summer Fellowship Awarded to Excelling Graduate Students	Duke University Graduate School
2012	Duke University Sociology PhD Qualifying Exams Maximum Score of "High Pass"	Duke University Department of Sociology
2012	Duke Summer Fellowship Funding in Recognition of Applicant Excellence	Duke University Department of Sociology
2011	Outstanding Sociology Graduate Awarded to top graduating sociology major	Pepperdine University Department of Sociology
2011	Academic Year Undergraduate Research Initiative Grant University Wide Competitive Research Grant	Pepperdine University Social Science Division
2009-11	Lawrence C. Keene Sociology Grant Department Wide Competitive Research Scholarship	Pepperdine University Sociology

Professional Presentations of Original Research

November 2015	Annual Meeting of the American Society of Criminology "Class, Crime, and Latent Classes of Crime: A Bayesian Approach to a Persistent Enigma"	ASC Annual Meeting Washington, DC
August 2015	Annual Meeting of the American Sociological Association "Immigration and Preferences for Greater Law Enforcement Spending in Rich Democracies"	ASA Annual Meeting Chicago, IL
January 2015	Duke Population Research Institute Seminar "The Hamsterdam of Higher Learning How College Contributes to Punishment Inequality"	Population Research Institute Duke University: Durham NC
August 2014	Annual Meeting of the American Sociological Association "Drugs, Dorms, And Disparities :How College Contributes To Punishment Inequality"	ASA Annual Meeting San Francisco, CA
April 2014	Duke Population Research Institute Seminar "Class, Crime, and Latent Classes of Crime: A Bayesian Approach to a Persistent Enigma"	Population Research Institute Duke University: Durham NC
August 2013	Annual Meeting of the American Sociological Association "Immigration and Attitudes Toward Law Enforcement Spending"	ASA Annual Meeting New York, NY
August 2013	Annual Meeting of the American Sociological Association "Race and Consumption: Explaining Disparities in White and Black Household Expenditures"	ASA Annual Meeting New York, NY

April 2013	Annual Meeting of the Southern Sociological Society “Money and Mischief: The Connection Between Household Income and Adolescent Delinquency”	SSS Annual Meeting Atlanta, Georgia
April 2013	Sociology Colloquium “Immigration and Attitudes Toward Law Enforcement Spending”	Duke University Durham, NC
April 2012	Sociology Colloquium “Race and Consumption: The Role of Structural Constraints and Price in Household Expenditures”	Duke University Durham, NC
April 2011	Seaver Undergraduate Research Conference “Power, Connections, and Status in College Admissions: The Real Affirmative Action?”	Pepperdine University Malibu, CA

Additional Research Experience

Committee Assistant Data collection and analysis	Assist with research and meetings for the ASA’s Law and Justice Statistics Committee	American Statistical Assoc. February 2015-Current
Research Assistant Secondary data analysis	Original research on the connection between the fear of crime and immigration	WZB, Berlin May 2013-August 2013
Research Assistant Secondary data analysis	Construction of the Comparative Welfare States Dataset	Duke University May 2012-September 2012
Principal Investigator Data collection and analysis	Qualitative Interviews with Admissions Officers at Five Universities in California	Pepperdine University Academic Year 2010-2011

Affiliations

American Sociological Association Member Since: May 2011	Southern Sociological Society Member Since: May 2012
American Society of Criminology Member Since: January 2012	American Statistical Association Member Since: January 2015
ASA Section: Alcohol, Drugs and Tobacco Member Since: January 2013	ASA Section: Inequality, Poverty & Mobility Member Since: January 2013
ASA Section: Mathematical Sociology Member Since: January 2014	ASA Section: Aging and the Life Course Member Since: January 2013
ASA Section: Consumers and Consumption Member Since: January 2012	ASA Section: Crime Law and Deviance Member Since: January 2012

Research Interests

- Machine Learning Techniques
- Data Visualization
- Deep Belief Neural Networks
- Criminology & Punishment Inequality
- Race, Ethnicity, and Immigration
- Bayesian Statistical Modeling

Selected Graduate Coursework

Seminars and Theory

- Social Stratification
- Research on Crime and Deviance
- Sociological Theory
- Economic Sociology
- Racism in Post Civil Rights America
- Culture and Economy
- Demography of Aging
- Criminology (Independent Study with Professor Kenneth C. Land, Ph.D.)

Methodological Training

- Advanced Stochastic Modeling
- Probabilistic Machine Learning
- Advanced Statistical Computation
- Theory of Statistical Inference
- Predictive Modeling
- Statistical Programming
- Designing Social Research
- Social Statistics I: Linear Models, Path Analysis, and Structural Equation Systems
- Social Statistics II: Discrete Multivariate Models
- Advanced Demographic Methods
- Policy Evaluation with Data
- Bayesian and Modern Statistics
- Probability Theory
- Writing Ethnography
- Introduction to Mathematical Statistics