

# Aaron Levin

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## Education

- 2018  
(Expected) Ph.D. Candidate, Criminology and Criminal Justice  
University of Missouri-St. Louis  
Dissertation Committee Chair: Dr. Richard Rosenfeld
- 2014 M.A., Criminology and Criminal Justice  
University of Missouri-St. Louis
- 2011 B.S., Mathematics  
University of Missouri-St. Louis  
Minor in Statistics; Minor in Criminology and Criminal Justice  
Pierre Laclède Honors College

## Publications

- 2016 Rosenfeld, Richard and **Aaron Levin**. Acquisitive Crime and Inflation in the United States: 1960-2012. *Journal of Quantitative Criminology* 32(3): 427-447.
- 2016 **Levin, Aaron**, Richard Rosenfeld, and Michael Deckard. The Law of Crime Concentration: An Application and Recommendations for Future Research. *Journal of Quantitative Criminology*. DOI: 10.1007/s10940-016-9332-7.

## Papers in Progress

- Present Rosenfeld, Richard, Ben Hamilton, and **Aaron Levin**. Opting Out of Treatment: Selection Bias in a Randomized Controlled Study of Focused Deterrence. Currently being revised for resubmission at the Journal of Experimental Criminology.
- Present **Aaron Levin**. Isolating the Extreme Outliers in the Distribution of Repeat Burglary Victimization: Revisiting an Old Postulate. Currently under review at Criminal Justice and Behavior.

## Courses Taught and Assisted

- 2016-2017    Instructor: Theories of Crime (CCJ 1110)  
University of Missouri-St. Louis (2 sessions: Fall 2016, Spring 2017)
- 2015-2016    Instructor: Statistical Analysis in Criminology and Criminal Justice (CCJ 2220)  
University of Missouri-St. Louis (4 sessions: Spring 2015, Summer 2015, Fall 2015,  
Spring 2016)
- 2014         Teaching Assistant: Introduction to Criminology and Criminal Justice (CCJ 1100)  
University of Missouri-St. Louis
- 2011         Teaching Assistant and Lab Instructor: Elementary Statistics (STAT 1300)  
University of Missouri-Columbia

## Presentations

- 2016         **Levin, Aaron.** A Deeper Look into Area-Level Burglary Victimizations: Revisiting an Old Postulate. Presented at the 2016 meeting of the American Society of Criminology, New Orleans.
- 2015         **Levin, Aaron,** Richard Rosenfeld, and Michael Deckard. Using Quantitative Methods to Explore Measures of Crime Concentration in a Large City. Presented at the 2015 meeting of the American Society of Criminology, Washington D.C.
- 2015         **Levin, Aaron,** Richard Rosenfeld, and Michael Deckard. Here Today, Gone Tomorrow? Probing the Law of Crime Concentration. Presented at the 2015 Conference on Empirical Legal Studies, Washington University, St. Louis, MO.
- 2014         **Levin, Aaron** and Richard Rosenfeld. Here Today, Gone Tomorrow? Evaluating Random and Nonrandom Processes in Crime Hot Spots (Poster). Presented at the 2014 meeting of the American Society of Criminology, San Francisco.
- 2014         Rosenfeld, Richard, Janet Lauritsen, Maribeth Rezey, and **Aaron Levin.** The Relationship Between UCR and NCVS Crime Rates Revisited (Again). Presented at the 2014 meeting of the American Society of Criminology, San Francisco.

## Relevant Work Experience

- 2013-Present *Research Assistant, University of Missouri-St. Louis*  
Worked with Dr. Richard Rosenfeld on research examining crime concentration, economics, crime trends, and focused deterrence.
- 2012-2014 *Mathematics and Statistics Tutor, University of Missouri-St. Louis*  
Responsibilities included assisting undergraduate students with math classes such as Calculus 1, Calculus 2, Calculus 3, Mathematical Statistics, Business Statistics, Applied Statistics, Trigonometry, and Algebra.
- 2006-2009 *Intern, Baseball Operations (Statistics), St. Louis Cardinals*  
Worked for Sig Mejdal, Senior Quantitative Analyst  
(Currently Special Assistant to the GM, Houston Astros)  
Completed a variety of projects, including:
- Google Earth Project
    - Worked with Google Earth to obtain field dimensions for over 50 summer baseball league stadiums
    - Helped to determine favorability of parks toward hitters or pitchers
    - Used for the 2007 Major League Baseball amateur draft
  - 2007 MLB Draft Project
    - Created spreadsheets for player statistics
    - Examined college baseball team websites to compile data
    - Used for the 2007 Major League Baseball amateur draft
  - Cape Cod League ID Project: Correlated baseball ID numbers from a list of drafted college players to a list of Cape Cod League players
  - Transcription of paper data to computerized data
- 2006 *Intern, Baseball Operations (Scouting), St. Louis Cardinals*  
Worked for Dan Kantrovitz, Director of College Scouting  
(Currently Assistant GM, Oakland Athletics)
- Videotaped Major League Baseball pitchers at Busch Stadium
  - Footage included in the Cardinals' pitcher database
  - Video material used to help study pitching mechanics
  - One of three team associates to perform this work across the country, the other two being professional scouts

## Honors and Awards

- 2015 Simon Kuznets Essay Award (Best Quantitative Economics Paper)  
Department of Economics, University of Missouri-St. Louis
- 2015 Des Lee Scholarship (Courtesy of Dr. Daniel Isom)  
Department of Criminology and Criminal Justice, University of Missouri-St. Louis
- 2013 Edward G. Longinette Scholarship  
Department of Criminology and Criminal Justice, University of Missouri-St. Louis
- 2011 Summa Cum Laude (GPA: 3.93), Mathematics, University of Missouri-St. Louis
- 2007-2011 Honors Scholarship  
Pierre Laclede Honors College, University of Missouri-St. Louis  
Dean's List, eight semesters

## Research Interests and Skills

→ Criminological interests:

Crime trends and economic conditions  
Quantitative methods  
Victimization data  
Hot spots and crime concentration

→ Relevant Mathematical and Statistical Coursework:

Calculus (1, 2, 3)      Linear Algebra (1, 2)  
Applied Statistics      Mathematical Statistics (1, 2)  
Stochastic Processes      Nonlinear Regression Models  
Discrete Structures      Differential Equations  
Real Analysis      Complex Analysis  
Time Series Models      Quantitative Methods

## Professional References

Richard Rosenfeld, Ph.D.	Thomas Jefferson Professor, Criminology and Criminal Justice, UMSL
Janet Lauritsen, Ph.D.	Curators Professor, Criminology and Criminal Justice, UMSL
Adam Boessen, Ph.D.	Assistant Professor, Criminology and Criminal Justice, UMSL
Nancy Gleason, M.A.	Associate Dean Emeritus, Pierre Laclede Honors College, UMSL