

Aki Roberts

Department of Sociology
University of Wisconsin-Milwaukee
PO Box 413
Milwaukee, WI 53201

Phone: (414) 229-6943
Email: aki@uwm.edu
<http://uwm.edu/sociology/people/roberts-aki>

EDUCATION

- Ph.D. 2001 Sociology, University of New Mexico.
Dissertation title: *Declining Crime in Postwar Japan*.
Committee: Bert Useem (chair), Gary LaFree, Raymond Liedka, and Robert Fiala.
- M.A. 1997 Sociology, University of New Mexico.
Thesis title: *Education and Crime: A Pooled Cross-sectional, Time-series Analysis of Cross-National Data*.
Committee: Gary LaFree (chair), Bert Useem, and Robert Fiala.
- B.A. 1994 Criminology, University of New Mexico.

PROFESSIONAL POSITIONS

- 2015-present Associate Professor of Sociology (also affiliated with Urban Studies Program and NM Data Science Institute), University of Wisconsin-Milwaukee
- 2013-2015 Assistant Professor of Sociology, University of Wisconsin-Milwaukee
- 2012-2013 Assistant Professor of Sociology, University of New Mexico
- 2002-2012 Research Assistant Professor of Sociology, University of New Mexico (2002-2004, .33 FTE; 2004-2012, .69 FTE)
- 2001-2002 Research Scientist III, Institute for Social Research, University of New Mexico

RESEARCH INTERESTS

Quantitative methods, crime clearance, race and crime, National Incident-Based Reporting System (NIBRS) data, policing, Japanese crime, homicide, motor vehicle theft, American and Japanese higher education, and public sociology.

PUBLICATIONS (* indicates work with a graduate student)

Books:

Roberts, A. & Roberts, J. (2020). *Multiple Regression: A Practical Introduction*. Sage Publications. <https://us.sagepub.com/en-us/nam/multiple-regression/book262446>

Roberts, A. & Takeuchi, Y. (2017). *Inside American Higher Education: Is the World's Best System in Crisis?* [In Japanese] Asahi Publications Inc. *Highest sales rank reached in Amazon Japan: #290 overall and #1 in "study abroad" category.*

Chapters and peer-reviewed articles:

Roberts, J. M., Jr., Roberts, A. & Wadsworth, T. (2018). Multiple imputation for missing values in homicide incident data: An evaluation using unique test data. *Homicide Studies* 22: 391-409.

Roberts, A. (2018). Revisiting Japan's postwar homicide trend: 1951-2014. Pp. 99-116 in *Crime and Justice in Contemporary Japan*, J. Liu & S. Miyazawa, Eds. Springer: New York.

Roberts, A., & Roberts, J. M., Jr. (2016). Crime clearance and temporal variation in police workload: Evidence from National Incident-Based Reporting System (NIBRS) data. *Journal of Quantitative Criminology* 32: 651-674.

Roberts, A. (2015). Adjusting rates of homicide clearance by arrest for investigation difficulty: Modeling incident- and jurisdiction-level obstacles. *Homicide Studies* 19: 273-300.

Roberts, A., & Willits, D. (2015). Income inequality and homicide in the United States: Exploration of different income inequality measures and disaggregated homicide types. *Homicide Studies* 19: 28-57.

Lyons, C. & Roberts, A. (2014). The difference 'hate' makes in clearing crime: Analysis of NIBRS incident characteristics. *Journal of Contemporary Criminal Justice* 30: 268-289.

Roberts, J. M., Jr., Roberts, A. & Brewer, D. D. (2014). Network contacts and activity domains: Information-sharing among police agencies. *Human Organization* 73: 13-24.

*Roberts, A. & Block, S. (2013). Explaining temporary and permanent motor vehicle theft rates in the United States: A crime-specific approach. *Journal of Research in Crime and Delinquency* 50: 445-471.

*Roberts, A. & Willits, D. (2013). Lifestyle, routine activities, and felony-related eldercide. *Homicide Studies* 17: 184-203.

- Roberts, A. (2012). Motor vehicle recovery: A multi-level event history analysis of NIBRS data. *Journal of Research in Crime and Delinquency* 49: 301-326.
- Roberts, A., Roberts, J. M., Jr., & Liedka, R. V. (2012). Elements of terrorism preparedness in local police agencies, 2003-2007: Impact of vulnerability, organizational characteristics, and contagion in the Post-9/11 era. *Crime & Delinquency* 58: 444-467.
- Roberts, A. & Lyons, C. (2011). Hispanic victims and homicide clearance by arrest. *Homicide Studies* 15: 48-73.
- Roberts, A. & Lyons, C. (2009). Victim-offender racial dyads and clearance of lethal and non-lethal assault. *Journal of Research in Crime and Delinquency* 46: 301-326.
- Roberts, A. (2009). Contributions of the National Incident-Based Reporting System (NIBRS) to substantive knowledge in criminology: A review of research. *Sociology Compass* 3: 433-458.
- Roberts, A. & Roberts, J. M., Jr. (2009). Impact of network ties on change in police agency practices. *Policing* 32: 38-55.
- 2010 Outstanding Paper Award (for best paper published in 2009); awarded by Emerald Publishing*
- Roberts, A. (2008). The influence of incident and contextual characteristics on crime clearance of non-lethal violence: A multi-level event history analysis. *Journal of Criminal Justice* 36: 61-72.
- Roberts, A. (2008). Explaining differences between homicide clearance rates in Japan and the United States. *Homicide Studies* 12: 136-145.
- Roberts, A. (2007). Predictors of homicide clearance by arrest: An event history analysis of National Incident Based Reporting System (NIBRS) incidents. *Homicide Studies* 11: 82-93.
- Roberts, A. & Roberts, J. M., Jr. (2007). The structure of informal communication between police agencies. *Policing* 30: 93-107.
- Roberts, A. & LaFree, G. (2004). Explaining Japan's postwar violent crime trends. *Criminology* 42: 179-209.
- Roberts, A. & LaFree, G. (2001). The role of declining economic stress in explaining Japan's remarkable postwar crime decreases, 1951 to 1997. *Japanese Journal of Sociological Criminology* 26: 11-34.

Other:

Roberts, A. (2019). General education in American universities. [in Japanese]. *Current State of Higher Education (Gendai no Koutou Kyouiku)* no. 610, 46-50.

Roberts, A. (2018). Review of *Teaching at Elite American Universities* by Jin Sato [in Japanese]. *Current State of Higher Education (Gendai no Koutou Kyouiku)* no. 601, 68-69.

Roberts, A. (2017) Tenure system and American college professors [in Japanese]. *Current State of Higher Education (Gendai no Koutou Kyouiku)* no. 594: 58-62.

Roberts, A., & Block, S. (2016). Motor vehicle theft. Invited entry, pp. 890-893 in *The Encyclopedia of Crime and Punishment, Volume II*. W. G. Jennings, Ed. Wiley: New York.

Roberts, A. (2016). American college sports [in Japanese]. *Interdisciplinary (Gakusai)* 2: 25-37.

Roberts, A. (2014). Review of *Handbook of European Homicide Research: Patterns, Explanations, and Country Studies*, edited by M. C. A. Liem and W. A. Pridemore. *International Criminal Justice Review* 24: 410-411.

FUNDED RESEARCH GRANTS

Roberts, J. M., Jr., PI, & Roberts, A., co-PI. (2013). Multiple imputation for the Supplementary Homicide Reports: Evaluation in unique test data. National Institute of Justice (\$37,795).

Roberts, A., PI. (2005). Violence in urban America, 1990 to 2000. The Harry Frank Guggenheim Foundation (\$20,881).

Roberts, A., PI. (2004). Evaluation of child development. City of Albuquerque (\$21,773).

Roberts, A., PI, & Roberts, J. M., Jr., co-PI. (2003). Structure of informal communication between police agencies: Network and LEMAS data. National Institute of Justice (\$29,890).

Roberts, A., PI. (2002). Crime clearance using linked National Incident-Based Reporting System (NIBRS) and Law Enforcement Management and Administrative Statistics (LEMAS) data. American Statistical Association and Bureau of Justice Statistics (\$25,030).

Roberts, A., PI. (2002). Economic stress and crime in Japan. The Harry Frank Guggenheim Foundation (\$15,900).

FELLOWSHIPS

Summer tuition fellowship. (2004). “Using Early Head Start Data” course at Inter-University Consortium for Political and Social Research (ICPSR). Department of Health and Human Services.

Summer tuition and stipend fellowship. (2000). “Quantitative Analysis of Crime and Criminal Justice Data” course at Inter-University Consortium for Political and Social Research (ICPSR). Bureau of Justice Statistics.

AWARDS

UWM Distinguished Undergraduate Teaching Award (2021).

OTHER TRAINING

ICPSR Summer Program

Regression II
Maximum Likelihood Estimation

UNM Continuing Education

Basic Cartography
Introduction to Geographic Information Systems (GIS)

Statistical Horizons

Missing Data Imputation
Introduction to R Programming

INVITED PRESENTATIONS

“Explaining homicide in Japan: Trend, clearance, and offenders” at the UWM Geography colloquium series (Dec, 2015)

“Issues to consider when merging NIBRS to other datasets” at the Best Practices to Working with NIBRS data Symposium at American University (Feb 5-6, 2015).

CONFERENCE PRESENTATIONS

Roberts, A. & Roberts, J. M. (2018). Impact of police violence on crime clearance: Do police killings lead to unsolved crimes in the community? Presented at Midwest Sociological Society, Minneapolis.

Roberts, A. & Lyons, C. (2015). Clearance of crimes involving Hispanic victims: Does social context matter? Presented at annual meeting of American Society of Criminology, Washington, DC.

- Roberts, A. & Lyons, C. (2015). Clearance of crimes involving Hispanic victims: Does social context matter? Presented at annual meeting of Society for Cross-Cultural Research, Albuquerque.
- Roberts, A. (2014). Adjusting rates of homicide clearance by arrest for investigation difficulty: Modeling incident- and jurisdiction-level obstacles. Presented at annual meeting of American Society of Criminology, San Francisco.
- Roberts, J., & Roberts, A. (2014). Missing data in the SHR: Evaluating multiple imputation approaches. Presented at annual meeting of American Society of Criminology, San Francisco.
- Lyons, C., & Roberts, A. (2014). The difference 'hate' makes in clearing crime: Analysis of NIBRS incident characteristics. Presented at annual meeting of Midwest Sociological Society, Omaha.
- Roberts, A., Willits, D. & Kaminski R. (2013). Police injury during violent encounters with offenders. Presented at annual meeting of American Society of Criminology, Atlanta.
- Roberts, A., & Roberts, J. (2012). Effect of police daily workload on crime clearance. Presented at annual meeting of American Society of Criminology, Chicago.
- Roberts, J., Roberts, A., & Brewer, D. (2011). Network contacts and domains of organizational activity: Informal communication among police agencies. Presented at annual meeting of American Society of Criminology, Washington, DC.
- Roberts, A. (2010). A multi-level analysis of motor vehicle theft recovery. Presented at annual meeting of American Society of Criminology, San Francisco.
- Roberts, J., & Roberts, A. (2010). Occupation and crime: Victimization and offending in Japan. Presented at annual meeting of American Society of Criminology, San Francisco.
- Roberts, A. (2010). Hispanic homicide victims and crime clearance: Is their treatment after death similar to White or Black victims? Presented at annual meeting of Society for Cross-Cultural Research, Albuquerque.
- Roberts, J. & Roberts, A. (2009). Similarity of network ties across different domains of organizational activity. Presented at annual meeting of International Network for Social Network Analysis, San Diego.
- Lyons, C. & Roberts, A. (2009). Clearing hate crime: A multilevel event history analysis of incident, agency, and city-level factors. Presented at annual meeting of American Society of Criminology, St. Louis.
- Roberts, A. & Lyons, C. (2008). Victim-offender racial stratification and crime clearance by arrest. Presented at annual meeting of American Sociological Association, Boston.

- Roberts, A. (2007). Explaining differences between homicide clearance rates in Japan and the United States. Presented at annual meeting of Society for Anthropological Sciences, San Antonio.
- Roberts, A. & Roberts, J. M., Jr. (2006). Network influences on policing innovation. Presented at annual meeting of American Society of Criminology, Los Angeles.
- Roberts, A. & Roberts, J. M., Jr. (2005). Informal communication between police agencies. Presented at annual meeting of International Network for Social Network Analysis, Redondo Beach.
- Roberts, A. (2004). Crime clearance using linked National Incident Based Reporting System (NIBRS) data and Law Enforcement Management and Administrative Statistics (LEMAS) data. Invited presentation at Bureau of Justice Statistics, Washington.
- Roberts, A. (2003). Crime clearance using linked National Incident Based Reporting System (NIBRS) data and Law Enforcement Management and Administrative Statistics (LEMAS) data. Presented at annual meeting of American Society of Criminology, Denver.
- Roberts, A. (2002). Declining crime in postwar Japan. Presented at annual meeting of American Society of Criminology, Chicago.
- Useem, B., Piehl, A., Liedka, R. V., & Roberts, A. (2002). Prison and crime control: A cross-national test. Presented at annual meeting of Society for Cross-Cultural Research, Santa Fe.
- Roberts, A. & LaFree, G. (2001). Social control, economic stress, and declining crime rates in Japan, 1946 to 1997. Presented at annual meeting of Society for Cross-Cultural Research, San Diego.
- Roberts, J. M., Jr. & Roberts, A. (2001). Geographical mobility in Japan, 1955-1995. Presented at annual meeting of Society for Cross-Cultural Research, San Diego.

COURSES TAUGHT AND EVALUATION SCORES

University of Wisconsin-Milwaukee

Undergraduate:

Statistical Thinking in Sociology, Sociology 261 (average score 4.44 out of 5)

Statistical Thinking in Sociology, Sociology 261 online (4.21 out of 5)

Social Data Analysis Using Regression, Sociology 461 (4.71 out of 5)

Graduate:

Advanced Statistical Methods in Sociology, Sociology 760

University of New Mexico*Undergraduate:*

Causes of Crime, Soc. 312 (average ICES score 5.3 out of 6)

Social Data Analysis, Soc. 381 (average ICES score 5.6 out of 6)

Sociological Research Methods, Soc. 481 (average ICES score 5.4 out of 6, average IDEA score 4.85 out of 5)

Graduate:

Advanced Social Statistics I, Soc. 581 (average ICES score 5.2 out of 6, average IDEA score 4.7 out of 5)

Advanced Social Statistics II, Soc. 582 (average IDEA score 3.8 out of 5)

Preparation for Graduate-level Statistics Classes (summer course for graduate fellows of the Robert Wood Johnson Foundation Center, University of New Mexico)

MA THESIS COMMITTEESUniversity of Wisconsin-Milwaukee

B. Meng (in progress), Chair

H. Smith (in progress), Chair

J. Nitkowski (2017), Chair

K. Brown (2014)

University of New Mexico

J. Carlisle (2011)

L. Rowland (2011)

A. Diaz (2009)

J. Nowacki (2009)

W. Liu (2006)

X. Li (2006)

B. Varley (2004)

PhD DISSERTATION COMMITTEESUniversity of Wisconsin-Milwaukee

D. Lashua (in progress), Chair

D. Romain (2017, Department of Criminal Justice)

MA EXAM COMMITTEEUniversity of Wisconsin-Milwaukee

B. Riesterer (2014), Chair.

PhD PRELIM EXAM COMMITTEES

University of Wisconsin-Milwaukee

D. Lashua (criminology, 2019)
 K. Collins (criminology, 2015)
 K. Collins (race, 2014)
 K. Jackson (criminology, 2013)
 M. Pylman (sociology of education, 2013)

SERVICE**University of Wisconsin-Milwaukee**UW System-level

UWM Social and Behavioral Science Representative, The UW System Math Initiative, 2018

University-level

Member, Search Committee for the Dean of Helen Bader School of
 Co-founder and Co-coordinator, Quantitative Social Data Analysis (QSDA) Certificate Program,
 2018-present
 Member, Academic Program and Curriculum Committee (APCC), 2016-present
 Member, APCC's General Education Requirement (GER) subcommittee
 Member, Nomination Committee, 2019-present
 Chair, Review Committee for Nursing Undergraduate Program, 2020
 Chair, Review Committee for History Undergraduate Program, 2020
 Chair, Review Committee for Mathematical Science Undergraduate Program, 2019
 Chair, Review Committee for Japanese Undergraduate Program, 2017
 Co-chair, Review Committee for BS in Criminal Justice, 2017

College-level

Member, Letters & Science Dean's Academic Planning and Governance Committee (APGC),
 2015-2016
 Member, Letters & Science Opportunity Scholarship Review Committee, 2014
 Member, Letter & Science Dean's Academic Planning and Governance Committee (APGC),
 2013-2014

Department-level

Member, Department of Sociology, Search Committee, 2019
 Member, Department of Sociology, Graduate Committee, 2017-2020
 Member, Department of Sociology Undergraduate Committee, 2013-2017 2020-present
 Member, Department of Sociology Grievance Committee, 2014-2015
 Department of Sociology Library Liaison, 2013-2014
 Department of Sociology Colloquium Series Organizer, 2013-2014

Service to Other UWM Academic Units

Judge, Japanese Speech Contest, 2017.
 Member, Urban Studies Award Committee, 2015-2017

Member, Urban Studies Program Curriculum Committee, 2014-2015

Judge, Japanese Language Students' Presentation on Robots (in course taught by Yuko Kojima), 2013

Profession and Other Institutions

Member, *Homicide Studies* Editorial Board, 2016-present

Tenure Review for University XXX, 2018

Member, Program Committee, 2015-2017, American Society for Criminology

Member, Membership Committee, 2016, American Society for Criminology

Member, Book Award Committee, 2019-2020, Asian Criminological Society

Member, Graduate Student Article Award Committee, 2018-2019, Asian Criminological Society
ICPSR (Inter-university Consortium for Political and Social Research) Official Representative,
2009-2011, University of New Mexico

Member, Department of Sociology Graduate Committee, 2012-2013, University of New Mexico

Manuscript and Grant Reviews

Crime & Delinquency, Criminology, European Journal of Criminology, Journal of Research in Crime and Delinquency, Homicide Studies, International Criminal Justice Review, Journal of Criminal Justice, Justice Quarterly, Latin American Politics and Society, Police Practice and Research, Police Quarterly, Punishment and Society, Social Problems, Social Science Japan Journal, Social Science Research, Sociological Quarterly, Sociology Compass, American Journal of Criminal Justice, Studies in Conflict & Terrorism, Policing, National Science Foundation

STATISTICAL SOFTWARE

Proficiency in R, SAS, SPSS, HLM