

CURRICULUM VITAE
KATHERINE M. BROWN, PH.D.

HENRY C. LEE COLLEGE OF CRIMINAL JUSTICE AND FORENSIC SCIENCES
DEPARTMENT OF CRIMINAL JUSTICE ♦ UNIVERSITY OF NEW HAVEN
300 BOSTON POST ROAD ♦ WEST HAVEN, CONNECTICUT 06516
PHONE: (203) 931-2957 ♦ kbrown@newhaven.edu

ACADEMIC APPOINTMENT

2008 to present **Assistant Professor**
Department of Criminal Justice
Henry C. Lee College of Criminal Justice and Forensic Sciences
University of New Haven, Connecticut

EDUCATION

Ph.D. Criminal Justice, Sam Houston State University, August 2008.
Comprehensive Exam Specialization Area: *Police Administration*.

Brown, K. M. (2008). *Child abduction murder: An analysis of the effect of victim-offender relationship, age, gender, forensic evidence, and time and distance separation on case solvability* (Doctoral dissertation). Available in ProQuest Dissertations and Theses database (UMI No. 3329504), and *Dissertation Abstracts International Section A. Humanities and Social Sciences*, 69(9-A), 2009, 3748.

M.A. Criminal Justice/Criminology, Sam Houston State University, May 2005.

Brown, K. M. (2005). *An analysis of the effect of time and distance relationships on case solvability in murder investigations of abducted children* (Master's thesis).

B.A. Government (*Minor: Sociology*), University of Texas at Austin, December 1993.

PREVIOUS PROFESSIONAL EXPERIENCE

Research Assistant, College of Criminal Justice, Sam Houston State University, Huntsville, Texas. Conducted research for National Youth Survey Family Study. Duties included update of literature review and longitudinal data analysis. *September 2006 to July 2008.*

Doctoral Teaching Fellow, College of Criminal Justice, Sam Houston State University, Huntsville, Texas. *September 2006 to May 2008.*

Assistant to the Director, Forensic Science Program, College of Criminal Justice, Sam Houston State University, Huntsville, Texas. Responsible for the administration of the AAFS FEPAC Forensic Science Program Accreditation process, MSFS program student advisement, and Forensic Science Program facility management. *September 2005 to September 2006.*

Program Coordinator, National Resource Center for Police-Corrections Partnership, Sam Houston State University, Huntsville, Texas. Responsible for curriculum construction, training coordination and NIJ grant administration for Police-Corrections Partnerships training. *March 2004 to September 2005.*

Research Assistant, Dr. Richard Ward, College of Criminal Justice, Office of the Dean, Sam Houston State University, Huntsville, Texas. *January 2004 to March 2004.*

PUBLICATIONS: BOOKS

Keppel, R. D., **Brown, K. M.**, & Welch, K. (Eds.). (2007). *Forensic pattern recognition: From fingerprints to toolmarks.* Upper Saddle River, NJ: Prentice Hall.

PUBLICATIONS: PEER-REVIEWED

Brown, K. M., & Keppel, R. D. (in press). *Child abduction murder: The impact of forensic evidence on case solvability.* *Journal of Forensic Sciences.*

Brown, K. M., & Keppel, R. D. (2007). Child abduction murder: An analysis of the effect of time and distance separation between murder incident sites on solvability. *Journal of Forensic Sciences*, 52(1), 137-145. doi:10.1111/j.1556-4029.2006.00328.x

Keppel, R. D., Weis, J. G., **Brown, K. M.**, & Welch, K. (2005). The Jack the Ripper murders: A modus operandi and signature analysis of the 1888-91 Whitechapel murders. *Journal of Investigative Psychology and Offender Profiling*, 2(1), 1-21. doi: 10.1002/jip.22

PUBLICATIONS: BOOK CHAPTERS AND OTHER

Brown, K. M. (2011). Introduction to forensic science. *Career and technical education for high school teachers – forensic science online course curriculum.* Huntsville, TX: Sam Houston State University.

Brown, K. M. (in press). Fingerprint pattern analysis. *Career and technical education for high school teachers – forensic science online course curriculum.* Huntsville, TX: Sam Houston State University.

Keppel, R. D., Weis, J. G., **Brown, K. M.**, & Welch, K. (2009). The Jack the Ripper murders: A modus operandi and signature analysis of the 1888-91 Whitechapel murders. In R. Keppel and W. Birnes (Eds.), *Serial violence*. Boca Raton, FL: Taylor and Francis Group.

Brown, K. M. (2007). Bakker, Jim and Tammy Faye. In J. Gerber & E. L. Jensen (Eds.), *Encyclopedia of white-collar crime*. (Vol. 1, pp. 19-23). Westport, CT: Greenwood Publishing Group.

Brown, K. M. (2007). Swaggart, Jimmy (1935 -). In J. Gerber & E. L. Jensen (Eds.), *Encyclopedia of white-collar crime*. (Vol. 1, pp. 274-275). Westport, CT: Greenwood Publishing Group.

Brown, K. M., Keppel, R. D., Weis, J. G., & Skeen, M. (2006, 2004). Investigative case management for missing children homicides: Report II. In R. Keppel (Ed.), *Offender profiling: Readings in crime assessment and profiling* (2nd ed., 3rd ed.). Mason, OH: Thomson Custom Publishing.

PUBLICATIONS: REPORTS AND MONOGRAPHS

Brown, K. M. (2007). Missing child investigations. *TELEMASP Bulletin*, 14(3), 1-11.

Brown, K. M., Keppel, R. D., Weis, J. G., & Skeen, M. (2006). *Case management for missing children homicide investigation*. (Cooperative Agreement 93-MC-CX-K006). Olympia, WA: Attorney General of Washington.

SELECTED WORK REFERENCED IN OTHER SOURCES

Brown, K. M. & Keppel, R. D. (2007), as cited by the U. S. National Library of Medicine, National Institute of Health (2009). [abstract posted]. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/17209926>

Brown, K. M. & Keppel, R. D. (2007), as cited in Heide, K. M, Beauregard, E., & Myers, W. C. (2009). Sexually motivated child abduction murderers: Synthesis of the literature and case illustrations. *Victims and Offenders*, 4(1), 58-75. doi: 10.1080/15564880802561770

Brown, K. M. & Keppel, R. D. (2007), as cited by the U. S. National Library of Medicine, National Institute of Health (2009). [abstract posted]. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/17209926>

Brown, K. M., Keppel, R. D., Weis, J. G., & Skeen, M. (2006), as cited in National Center for Missing & Exploited Children Annual Report (2008). Retrieved from http://www.missingkids.com/en_US/publications/NC171.pdf

- Brown, K. M., Keppel, R. D., Weis, J. G., & Skeen, M. (2006), as cited in Snow, R. L. (2008).** *Child abduction: Prevention, investigation, and recovery.* Westport, CT: Praeger Publishers.
- Brown, K. M. & Keppel, R. D. (2007), as cited in Van Patten, I. T & Delhauer, P. G. (2007).** Sexual homicide: A spatial analysis of 25 years of deaths in Los Angeles. *Journal of Forensic Sciences*, 52(5), 1129-41. doi: 10.1111/j.1556-4029.2007.00531.x
- Brown, K. M. & Keppel, R. D. (2007), as posted by Dagner, H. (2007, May 4).** [Message board post]. Retrieved from <http://www.helendagner.com>
- Brown, K. M., Keppel, R. D., Weis, J. G., & Skeen, M. (2006), as cited in Children Europe Annual Report (2007).** Retrieved from <http://www.copiidisparuti.ro>
- Brown, K. M., Keppel, R. D., Weis, J. G., & Skeen, M. (2006), as cited in Congressional Research Service Report for Congress (2008).** *Missing and exploited children: Background, policies, and issues.* Retrieved from <http://web.mit.edu>
- Brown, K. M., Keppel, R. D., Weis, J. G., & Skeen, M. (2006), as cited by the National Center for Missing and Exploited Children Website (2009).** *FAQ: Missing children.* Retrieved from <http://www.missingkids.com>
- Brown, K. M., Keppel, R. D., Weis, J. G., & Skeen, M. (2006), as cited by the National Center for Missing and Exploited Children Website (2009).** *Team Adam FAQs.* Retrieved from <http://www.missingkids.com>
- Brown, K. M., Keppel, R. D., Weis, J. G., & Skeen, M. (2006), as cited in National Center for Missing and Exploited Children (2002).** *Know the rules...abduction and kidnapping: Prevention tips for parents and guardians* [Brochure]. Retrieved from <http://www.missingkids.com>
- Brown, K. M., Keppel, R. D., Weis, J. G., & Skeen, M. (2006), as cited by National Center for Missing and Exploited Children Website (2009).** *Just in case...guidelines in case your child is or might someday be a runaway.* Retrieved from <http://www.cybertipline.com/missingkids>
- Brown, K. M., Keppel, R. D., Weis, J. G., & Skeen, M. (2006), as cited by National Center for Missing and Exploited Children (2009).** *Just in case...guidelines in case your child might someday be a runaway* [brochure]. Retrieved from <http://hawaii.gov/ag/mcch>
- Brown, K. M., Keppel, R. D., Weis, J. G., & Skeen, M. (2006), as cited by State of Hawaii Department of the Attorney General Website (2009).** *Just in case...guidelines in case your child is or might someday be a runaway.* Retrieved from <http://hawaii.gov/ag/mcch>

- Brown, K. M.,** Keppel, R. D., Weis, J. G., & Skeen, M. (2006), as cited by Oklahoma State Bureau of Instigation Website (2005-2009). *If your child is a runaway*. Retrieved from <http://www.ok.gov/osbi/Investigative>
- Brown, K. M.,** Keppel, R. D., Weis, J. G., & Skeen, M. (2006), as cited by Friends of the Missing Child Center – Hawaii Website (n.d.). *Abduction and Kidnapping Prevention Tips*. Retrieved from http://www.missingkidshawaii.org/get_help_child_safty_abduction.html
- Brown, K. M.,** Keppel, R. D., Weis, J. G., & Skeen, M. (2006), as cited by LexisNexis Risk SolutionsWebsite (2009). *The ADAM Program*. Retrieved from <http://www.choicepoint.com>
- Brown, K. M.,** Keppel, R. D., Weis, J. G., & Skeen, M. (2006), as cited by Kentucky Department of Corrections Office of Victim’s Services (2009). *Missing Children* [calendar]. Retrieved from <http://www.corrections.ky.gov>
- Brown, K. M.,** Keppel, R. D., Weis, J. G., & Skeen, M. (2006), as cited in Clouthier, M. (2008, July 2). *Where the children are* [Web log post]. Retrieved from <http://drmelissaclouthier.blogspot.com/search?q=child+abduction>
- Brown, K. M.,** Keppel, R. D., Weis, J. G., & Skeen, M. (2006), as cited in Clouthier, M. (2008, July 2). *Where the children are* [Mobile widget]. Retrieved from <http://plusmo.com/wap/site/article.shtml?pid=558266&iid=&aid=20&q=>
- Brown, K. M.,** Keppel, R. D., Weis, J. G., & Skeen, M. (2006), as cited on Wikipedia (2009, September 4). *Missing children Europe* [Encyclopedia entry]. Retrieved from http://en.wikipedia.org/wiki/Missing_Children_Europe

Grant Activity

The role of community policing in homeland security. COPS Community Policing Development (CPD) Grant. Statistical Analyst. Submitted to COPS April 25, 2011 (\$285,000).

Research on technology facilitated crimes against children. Principal Investigator. submitted to the Office of Juvenile Justice and Delinquency Prevention (\$500,000). (revise and resubmit).

RESEARCH IN PROGRESS

- ◆ Currently working with the Washington State Attorney General’s office to redesign the Child Abduction Murder (CAM) data collection instrument to include information on if child abduction murders were technology facilitated. Continuation of multivariate analysis of the CAM data.

MANUSCRIPTS UNDER REVIEW

- Brown, K. M., & Keppel, R. D.** (2011). *A new path: Combining path analysis with binary logistic regression (PALR) using fully standardized logistic regression coefficients*. Manuscript submitted for publication.
- Brown, K. M., & Keppel, R. D.** (2011). *Child abduction murder: direct and indirect effects of time and distance relationships on investigation solvability*. Manuscript submitted for publication.
- Brown, K. M., & Keppel, R. D.** (2011). *Child abduction murder: Direct and indirect effects of victim demographics and victim-offender relationship on investigation solvability*. Manuscript submitted for publication.

WORK IN PROGRESS

- Brown, K. M., & Keppel, R. D.** (Book in progress). *Child abduction murder*.
- Brown, K. M.** (2010). *The impact of child abduction murders on social and public policy*. Manuscript in preparation.
- Brown, K. M.** (2010). *Legal admissibility of modus operandi and signature analysis testimony in serial murder litigation*. Manuscript in preparation.

PRESENTATIONS AT PROFESSIONAL MEETINGS

- Brown, K. M.** (2011, February). *Facebook: Friend or foe: Cyberbullying, stalking, and the practical and forensic applications of social networking sites and technology facilitated crime*. Paper presented at the Annual Meeting of the American Academy of Forensic Sciences, Chicago, IL.
- Brown, K. M.** (2009, November). *New thoughts on Black's less valued victim*. Roundtable session discussant at the Annual Meeting of the American Society of Criminology, Philadelphia, PA.
- Brown, K. M.** (2009, June). *Child abduction murder: An analysis of the effect of victim demographics, victim-offender relationship, forensic evidence, and time and distance separation on case solvability*. Paper presented at the Annual Meeting of the Homicide Research Working Group, Amherst, MA.
- Brown, K. M.** (2008, March). *Initiation, continuation, suspension, and resumption of illicit substance use and other illegal behaviors across the life course*. Paper presented at the Annual Meeting of the Academy of Criminal Justice Sciences, Cincinnati, OH.

- Brown, K. M.** (2008, February). *Impact of forensic evidence in child abduction murders*. Paper presented at the Annual Meeting of the American Academy of Forensic Sciences, Washington, D.C.
- Brown, K. M.** (2007, November). *Child abduction murders: Incidence and impact on social and public policy*. Paper presented at the Annual Meeting of the American Society of Criminology, Atlanta, GA.
- Brown, K. M., & Welch, K.** (2007, June). *Child abduction murder: An overview of solvability factors*. Paper presented at the Annual Meeting of the Homicide Research Working Group, Minneapolis, MN.
- Brown, K. M., & Keppel, R. D.** (2007, March). *Child abduction murders: An update of series v. non-series cases and the impact of physical evidence on case solvability*. Paper presented at the Annual Meeting of the Academy of Criminal Justice Sciences, Seattle, WA.
- Brown, K. M., & Keppel, R. D.** (2007, February). *Investigative case management for missing children homicides*. Paper presented at the Annual Meeting of the American Academy of Forensic Sciences, San Antonio, TX.
- Brown, K. M., & Welch, K.** (2006, June). *A descriptive analysis of victims and offenders in the HITS 1981-1995 dataset and the effect of race, gender, age and distance on case solvability in murder investigations*. Paper presented at the Annual Meeting of the Homicide Research Working Group, Richmond, VA.
- Brown, K. M., & Keppel, R. D.** (2006, February). *An analysis of the effect of time and distance relationships on case solvability in murder investigations of abducted children*. Paper presented at the Annual Meeting of the American Academy of Forensic Sciences, Seattle, WA.
- Brown, K. M., & Keppel, R. D.** (2006, February). *Child abduction murders: A description of the victims, offenders, and factors affecting investigations*. Paper presented at the Annual Meeting of the American Academy of Forensic Sciences, Seattle, WA.
- Brown, K. M., & Keppel, R. D.** (2006, February). *The Green River murders*. Paper presented at the Annual Meeting of the American Academy of Forensic Sciences, Seattle, WA.
- Brown, K. M., & Keppel, R. D.** (2006, February). *An analysis of the effect of time and distance relationships on case solvability in murder investigations of abducted children*. Paper presented at the Annual Meeting of the American Academy of Forensic Sciences, Seattle, WA.

INVITED PRESENTATIONS

Brown, K. M. (2011, October). *Jack the Ripper through a wider lens: An interdisciplinary conference*. Invited speaker, Drexel University, Philadelphia, PA.

Brown, K. M. (2011, May). *Child abduction murders: A description of the victims, offenders, and factors affecting investigations*. Invited public presentation for the Friends of the UNH Library at University of New Haven, West Haven, CT.

CONSULTING AND TRAININGS CONDUCTED

Greensboro Police Department, Investigation Bureau, Criminal Investigations Division Homicide Squad. (April 25-27, 2011). [Cold homicide case review].

Henry C. Lee Institute of Forensic Science. (December 9, 2010). *Child Death Investigation and Child Abduction Murder Investigations* [Death Investigation Course].

Henry C. Lee Institute of Forensic Science. (November 1-12, 2010). *Special Topics in Death Investigation and Child Abduction Murder Investigations* [New Haven Police Department Criminal Investigation Course].

Brazos Valley Child Abduction Response Team (BVCART). (May 10, 2010). *Child abduction homicide investigations: Effects of time and distance on solvability and investigative strategy*. [8 hour training seminar].

Henry C. Lee Institute of Forensic Science. (January 27, 2010). *Psychology and juvenile crime investigation*. [Juvenile Crime Investigation Course].

Brazos Valley Child Abduction Response Team (BVCART)/Amber Alert Network Brazos Valley, Texas [Consortium of 18 Law Enforcement Agencies]. Consultant and Trainer, 2009 to present.

MEDIA INTERVIEWS

Brown, K. M. & Mulik, S. (2011, April 1). The News Tribune [newspaper article].

Brown, K. M. & Ward, R. (Executive Producer). (2010, April 21). Crime waves: Child abduction interview [radio show]. USA: WNHU 88.7.

Brown, K. M. & Horswell, C. (Author) (2008, October 6). Houston-area students being targeted on the way to school: Rising kidnapping attempts prove difficult to track. *The Houston Chronicle* [newspaper article]. Retrieved from <http://www.chron.com/disp/story.mpl/moms/6041759.html#>

COURSES TAUGHT

Principles of Criminal Investigation, University of New Haven
Quantitative Applications in Criminal Justice (Statistics), University of New Haven
Research Methods, University of New Haven
Criminal and Deviant Behavior, University of New Haven
Juvenile Justice System, University of New Haven
Introduction to Criminal Justice, University of New Haven
Introduction to Forensic Science, Sam Houston State University
Understanding Human Behavior (Writing Enhanced), Sam Houston State University
Fundamentals of Research Methods (Writing Enhanced), Sam Houston State University

AREAS OF RESEARCH AND TEACHING INTEREST

- ◆ Child Abduction Murder
- ◆ Murder Investigation Solvability Factors
- ◆ Forensic Science
- ◆ Criminal Investigation
- ◆ Research Design & Methodology
- ◆ Statistics
- ◆ Police Administration
- ◆ Serial Violence

AREAS OF STATISTICAL PROFICIENCY

Proficient in cleaning and analyzing large datasets, construction of large cross-sectional and longitudinal datasets, syntax construction, and all common multivariate statistics and programs. In addition, proficiency can be demonstrated in the following statistical analyses:

- ◆ Path Analysis
- ◆ Event History Analysis
- ◆ Hierarchical Linear Modeling (HLM)
- ◆ Multilevel Modeling
- ◆ Structural Equation Modeling (SEM)
- ◆ Panel Analysis
- ◆ Logistic Regression with Path Analysis (PALR)
- ◆ Time Series Analysis
- ◆ Spatial Analyses
- ◆ Factor and Reliability Analyses
- ◆ Latent Growth Curves

TECHNICAL SKILLS

Proficient in: HLM Hierarchical Data Modeling, Scientific Software International
Lisrel Structural Equation Modeling, Scientific Software International
MPlus (Base and Mixture Add-ons), Muthén & Muthén
SAS/STAT[®] Statistical Analysis Software
SPSS[®] Statistical Software, IBM[®]
Stata Data Analysis and Statistical Software, StatCorp LP
Stat/Transfer
ArcGIS[®], ESRI
Blackboard
Tegrity Campus

HONORS AND AWARDS

2008-2009 University of New Haven Faculty Merit Award. [\$2,000].

2008 Forensic Sciences Foundation, Inc. Travel Grant Award, American Academy of Forensic Sciences. [\$750.00].

Outstanding Leadership Award, Sam Houston State University. 2004, 2005, 2006, 2007.

Excellence in Writing Award, Sam Houston State University. 2004, 2006.

PROFESSIONAL SERVICE

CJi Faculty Advocate Pearson/Prentice Hall

Ad hoc Peer Reviewer Carolina Academic Press
Cengage Learning
Homicide Studies
Journal of Forensic Sciences
Jones & Bartlett
Pearson/Prentice Hall
Routledge/Taylor & Francis
Sage

November 2007 *Session Chair and Presenter, ASC Annual Meeting*
Societal Response to Criminal Victimization

UNIVERSITY SERVICE

University College Dean Search Committee, 2011 to present.

University Intellectual Property Advisory Committee, 2009 to present.

National Society for Experiential Education, *certified 2009.*

Service Learning Scholar, *certified 2009.*

COLLEGE SERVICE

The Murder Room lecture and book signing, Organizer, *September 2010.*

College Webmaster, 2009 to present.

College Curriculum Committee, 2008 to present.

DEPARTMENT SERVICE

Program Review Committee, 2010 to present.

Department Search Committee, 2010 to 2011.

Criminal Justice Living Learning Community Advisor, 2008 to present.

GRADUATE STUDENTS SUPERVISED

Sabrina Schwier (Research Assistantship Supervisor) – 2008-2010.

UNDERGRADUATE STUDENTS SUPERVISED

Lindsey Braga (Undergraduate Honor's Thesis Supervisor) – Thesis completed 2010: *To cuff or not to cuff: Do arrests actually reduce domestic violence homicides?*

DEVELOPMENTAL TRAINING

Deviant Sexual Behavior. Henry C. Lee Institute of Forensic Science. April 25-27, 2011.

Police Involved Shootings – Investigation of Critical Incidents and Issues. Henry C. Lee Institute of Forensic Science - Arnold Markle Symposium. *September 27-28, 2010.*

ArcView GIS Workshop II. Bill Blackwood Law Enforcement Management Institute of Texas – InCoSiT. *November 2007.*

ArcView GIS Workshop I. Bill Blackwood Law Enforcement Management Institute of Texas – InCoSiT. *March 2007.*

Death Investigation Workshop led by Aurther E. Westveer, Jr., Virginia Commonwealth University (FBI-Retired). Richmond, VA. *June 2006.*

PROFESSIONAL AFFILIATIONS

American Academy of Forensic Sciences	General Section <i>Business Meeting Minutes Review Committee, 2011 to present. Associate Member, 2011 to present. Training Affiliate, 2009 to 2011.</i>
Academy of Criminal Justice Sciences	<i>Member, 2007 to present.</i>
American Society of Criminology	<i>Member, 2007 to present.</i>
Homicide Research Working Group	<i>Vice President, 2010 to present. Publications Committee Chair, 2010 to present. Block Awards Committee, 2010 to present. Publication Committee, 2006 to 2010. Local Arrangements Committee, 2007-2008. Student Committee, 2007-2008.</i>
Texas EquuSearch	<i>Mounted Search & Recovery Team Volunteer, 2007 to present.</i>
Vidocq Society	<i>Member, 2011 to present. Volunteer, 2009 to 2010.</i>

REFERENCES AVAILABLE UPON REQUEST