

Loren T. Atherley, PhD

Forensic and Consulting Criminologist

LTA CONSULTING · SEATTLE, WASHINGTON

drlorentatherley.com · linkedin.com/in/lorenatherley · scholar.google.com/citations?user=fYqzm0AAAAJ

Forensic and consulting criminologist with nearly two decades of pracademic experience in the reform and delivery of police service. Mixed-methods researcher with published work on the measurement of police use of force, enforcement patterns, officer decertification, operational risk management, and applied machine learning in policing. Retained in civil and criminal matters concerning police conduct and its assessment.

EDUCATION

- 2025 **PhD, Criminology**
University of Cambridge, Institute of Criminology
Dissertation: risk management in police response and alternative first response. Supervised by Professor Lawrence W. Sherman.
- 2010 **MA, Criminal Justice**
Seattle University · Investigative Criminology track
Thesis: the efficacy of criminal profiling, tested against the Green River Killer investigation.
- 2007 **BA, Political Science**
Seattle University · Focus in global security

CONSULTING PRACTICE

- 2025– **Principal**
LTA Consulting · Seattle, Washington
Forensic and consulting criminology across four practice areas: legal and expert witness work, government advisory, research consulting, and advisory to industry and investors.
- 2015– **Forensic Criminologist**
Dr. Richard Adler and Associates
Consulting expert to retained experts and to counsel in civil and criminal matters. Individual engagements are subject to privilege and protective order.

TESTIMONY AND EXPERT DISCLOSURE

- 2026 **Denny Blaine Park for All v. City of Seattle**
King County Superior Court, Washington
Disclosed as a non-retained expert, and separately designated as the City's organizational representative in the same matter.
- 2023– **City of Seattle v. Kia America, Inc. and Hyundai Motor America**
W.D. Washington; consolidated into MDL, C.D. California
Rule 30(b)(6) designee for the City of Seattle. Municipal public nuisance action concerning omitted engine immobilizers and associated vehicle theft.

No opinion offered has been excluded or limited by a court. Full testimony disclosure available on request.

PROFESSIONAL APPOINTMENTS

- 2018– **Senior Director, Performance Analytics and Research**
Seattle Police Department
 Leads research and analysis for the department, overseeing a team of research and data professionals. Senior advisor to the Chief of Police and to the Mayor on criminology, criminal justice, and police reform.
- 2013– **Senior Research Scientist (Criminologist)**
Seattle Police Department
 Worked on the federal consent decree, United States v. City of Seattle, from inception through termination. Built and ran the department's internal performance measurement, evaluation, and compliance analytics capability, producing and defending research-quality analysis in support of the reforms and through each phase of the case, from initial compliance to sustainment, subject to review by the court-appointed monitor and the Department of Justice.
- 2016– **Adjunct Professor**
Department of Criminal Justice, Criminology and Forensics, Seattle University
 Instruction in serial murder, criminal profiling, and psychopathy.
- 2026– **Senior Fellow**
Meadows Mental Health Policy Institute
- 2025– **Executive Board Member**
Caruth Police Institute
- 2014–15 **Project Manager, Warriors to Guardians Evaluation**
Washington State Criminal Justice Training Commission
- 2011–13 **Criminal Justice Consultant**
Northwest Justice Solutions
- 2010–12 **Corporate Safety Supervisor**
Galvin Flying Services, Boeing Field
 Safety management for a corporate flight department and fixed base operator.
- 2000–08 **Park Ranger**
United States National Park Service, Lake Roosevelt National Recreation Area
 Visitor and resource education, marine patrol, and wildland fire, including initial attack and evacuation.

AREAS OF EXPERTISE

Police records and data	Police administrative data systems; data provenance and integrity; data governance; data warehousing and engineering for public safety.
Police conduct and accountability	Use of force measurement and classification; enforcement patterns and the measurement of over- and under-policing; early intervention systems; officer certification and decertification; policy, training, and supervision; police misconduct; police reform.
Operations and analysis	Operational risk management; dispatch triage and calls for service; crime analysis; police administration and organization; performance management; officer fatigue and shift scheduling.
Methods and evidence	Research methods and the reliability of statistical evidence; program and training evaluation; analytic method and inference; qualitative, quantitative, and mixed-methods research.
Technology	Algorithmic and machine learning systems in police operations; natural language processing applied to police records; artificial intelligence governance in public sector settings; decision support systems.
Behavioral	Violence, aggression, and psychopathy; behavioral analysis in violent offending; criminal profiling methodology and its limits; threat assessment and threat management.

PEER-REVIEWED PUBLICATIONS AND CHAPTERS

Atherley, L. T. (2025). Risk managed demand: Operational risk management in police response to calls for service. *Police Quarterly*.

Atherley, L. T. (2024). Intelligent risk management: Natural language processing real-time triage of police calls for service. *Police Practice and Research*, 1–19.

James, L., James, S., & Atherley, L. (2024). Evaluating the effectiveness of a fatigue training intervention for the Seattle Police Department: Results from a randomized control trial. *Journal of Experimental Criminology*.

James, L., James, S., & Atherley, L. T. (2023). The effects of shift-work schedules on the sleep, health, safety, and quality of life of police employees during the COVID-19 pandemic. *Frontiers in Psychology*.

Atherley, L. T., Hickman, M. J., Parkin, W. S., & Helfgott, J. B. (2022). Measurement of potential over and under-policing in communities. *Policing: A Journal of Policy and Practice*, 16(3), 443–461.

Helfgott, J. B., Hickman, M. J., Strah, B. M., Atherley, L. T., Kosson, D. S., & Dorscher, E. (2022). The relationship between personality traits and the effectiveness of guardian law enforcement training.

Boatright, R., Fisher, C., & Atherley, L. (2021). Lessons learned from a decade of reform and a season of protest: An enterprise risk management approach to officer wellness and early intervention. *Criminology, Criminal Justice, Law & Society*, 22(2), 50–59.

Helfgott, J. B., Strah, B. M., Atherley, L., & Neidhart, E. (2020). Evaluation of CIT components of guardian law enforcement training. *Journal of Police and Criminal Psychology*, 1–20.

Helfgott, J. B., Strah, B. M., Pollack, J., Atherley, L. T., & Vinson, J. (2018). A qualitative approach to understanding warrior versus guardian models of policing. *Journal of Qualitative Criminal Justice & Criminology*, 6(1).

Hickman, M. J., Atherley, L. T., Lowery, P. G., & Alpert, G. P. (2015). Reliability of the force factor method in police use-of-force research. *Police Quarterly*.

Atherley, L. T., & Hickman, M. J. (2014). Controlling use of force: Identifying police use of excessive force through analysis of administrative records. *Policing*, 8(2), 123–134.

Hickman, M. J., Atherley, L. T., & Alpert, G. P. (2014). Using GIS to monitor and investigate police use of force: The spatial distribution of force factors. In *Forensic GIS* (pp. 173–199). Springer Netherlands.

Atherley, L. T., & Hickman, M. J. (2013). Officer decertification and the national decertification index. *Police Quarterly*.

Atherley, L. T. (2013). Profiling Ridgway: A retrospective analysis of criminal profiling through the Green River Killer investigation. In J. B. Helfgott (Ed.), *Criminal Psychology*. ABC-CLIO.

REPORTS AND OTHER WRITING

James, L., James, S., & Atherley, L. (2025). The Seattle Police Fatigue Training Experiment. *Applied Police Briefings*, 2(2), 25–27.

Atherley, L. T. (2020). Operationalizing research, or: How I learned to stop worrying and love the consent decree. *Translational Criminology Magazine*.

Helfgott, J. B., Atherley, L. T., Pollock, J., Vinson, J., Con-Johnson, C., Strah, B., Neidhart, E., Hickman, M. J., & Wood, N. (2015). Evaluation of the Washington State Criminal Justice Training Commission's Warriors to Guardians cultural shift and Crisis Intervention Team training. Report No. 1.

Hickman, M. J., & Atherley, L. T. (2012). Police use of force in Seattle, January 2009 to March 2011. Northwest Justice Solutions.

CONFERENCE PRESENTATIONS

2024	XXXVIIIth International Congress on Law and Mental Health, International Academy of Law and Mental Health · Barcelona
2024	American Society of Evidence-Based Policing · Spokane, Washington
2023	American Society of Criminology · Atlanta, Georgia
2023	International Association of Chiefs of Police, Research Advisory Committee · San Diego
2023	California Sheriffs' Association Annual Meeting · Ontario, California
2023	Alternative First Response Symposium, RTI International
2021	International Association of Chiefs of Police · New Orleans
2019	American Society of Criminology, 75th Annual Meeting · San Francisco
2019	XXXVIth International Congress on Law and Mental Health · Rome

2018	Academy of Criminal Justice Sciences, Annual Meeting · New Orleans
2017	XXXVth International Congress on Law and Mental Health · Prague
2015	County Prosecutors Association of the State of New Jersey · Atlantic City
2015	XXXIVth International Congress on Law and Mental Health · Vienna
2013	XXXIIIrd International Congress on Law and Mental Health · Amsterdam
2010	Western Society of Criminology · Honolulu

INVITED PANELS, WEBINARS AND PODCASTS

2025	Artificial intelligence in modern policing Summit for Civilian Leaders in Law Enforcement, National Association of Professional Staff in Public Safety. Panel with Christian Quinn (moderator), Elizabeth M. Daitz, and Aakash Pattabi.
2023	Seattle Police Department's evidence-based approach to equity, accountability and quality Justice Clearinghouse webinar, hosted by the American Society of Evidence-Based Policing. With Heather Prince, Elise Kratzer, and Sean Wire.
2021	Policing during the COVID-19 pandemic AWS Public Sector Partner Awards. Panel appearance with James Slessor, Accenture.
2025	Reducing Crime, episode 82 Podcast hosted by Professor Jerry Ratcliffe, Temple University. On the incremental implementation of evidence-based policing, building analytic capacity within an agency, the role of pracademics, and caution in the application of advanced analytics and machine learning to policing.
2023	Police smarter, not harder, especially now Continuing education event, Crime and Justice Research Center, Seattle University. Panel with Captain James Britt, Seattle Police Department.

HONORS AND RECOGNITION

2022	Evidence-Based Policing Hall of Fame <i>Center for Evidence-Based Crime Policy, George Mason University</i> Nominated by Professor Matthew Hickman, Seattle University.
2020	LEADS Scholar <i>Law Enforcement Advancing Data and Science, National Institute of Justice, U.S. Department of Justice</i>

PROFESSIONAL ASSOCIATIONS

American Society of Criminology · American Society of Evidence-Based Policing · Society for Evidence Based Policing · Academy of Criminal Justice Sciences · International Association of Chiefs of Police · National Association of Professional Staff in Public Safety · NIJ Law Enforcement Advancing Data and Science (LEADS) · Alpha Phi Sigma

VETTING AND CLEARANCE

Favorable adjudication following a Single Scope Background Investigation for access at the Top Secret level; that clearance is not currently active. Holds an active CJIS clearance and a position of public trust, with authorized access to criminal justice information under the CJIS Security Policy. Extensive vetting through background investigations conducted by multiple state, local, and federal law enforcement agencies. Extensive history of work performed under non-disclosure and confidentiality agreements, protective orders, and data use agreements.