

Misty C. Duke

Department of Criminal Justice

University of Texas at El Paso

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Education

2013	Ph.D	University of Texas at El Paso, El Paso, Texas Legal Psychology
2011	M.A.	University of Texas at El Paso, El Paso, Texas Experimental Psychology
1997	M.A.	Texas Woman's University, Denton, Texas Counseling Psychology
1995	B.A.	University of Texas at Austin, Austin, Texas Psychology

Thesis and Dissertation

- 2011 M.A. thesis in Experimental Psychology: "The effect of the reciprocity norm and guided imagery on the development of implanted memories in children." Chair: James M. Wood, Ph.D., Professor, Department of Psychology, University of Texas at El Paso.
- 2013 Ph.D. Dissertation in Legal Psychology: "The development of the Rapport Scales for Investigative Interviews and Interrogations." Chair: James M. Wood, Ph.D., Professor, Department of Psychology, University of Texas at El Paso.

Honors

- 2012 Graduate School Award for Outstanding Master's Thesis
University of Texas at El Paso

Professional Experience

2020-present	Assistant Professor, Department of Criminal Justice and Security Studies
2019-2020	Graduate Director and Advisor, Intelligence and National Security Studies University of Texas at El Paso
2015-2020	Lecturer, Intelligence and National Security Studies University of Texas at El Paso
2014-2015	Postdoctoral Teaching Fellow, Intelligence and National Security Studies University of Texas at El Paso
2013-2018	Lecturer, Criminal Justice Department University of Texas at El Paso

2000-2009
(non-consecutive
semesters)

Instructor, Psychology Department
El Paso Community College

Publications

- Duke, M. C.** (2024). Transfer of rapport in a simulated investigative interview. *Journal of Investigative Psychology and Offender Profiling*. Online first publication.
<https://doi.org/10.1002/jip.1644>
- Duke, M. C.** (2024). Communicating uncertainty in intelligence forecasts using verbal expressions of probability and confidence. *Intelligence and National Security*. Online first publication. <https://doi.org/10.1002/jip.1644>
- Duke, M. C.** (2024). Probability and confidence: How to improve communication of uncertainty about uncertainty in intelligence analysis. *Journal of Behavioral Decision Making*, 37(1). <https://doi.org/10.1002/bdm.2364>
- Duke, M.C.** (2019). The use of structured behavioral observation systems to address research questions in intelligence. In (Eds.) Coulthart, S., Landon-Murray, M., & Van Puyvelde, D. *Researching national security intelligence*. Washington, DC: Georgetown University Press. ISBN: 978-1-626-16703-2
- Duke, M.C.,** Wood, J.M., Magee, J., & Escobar, H. (2018). Effectiveness of Army Field Manual interrogation approaches for educating information and building rapport. *Law and Human Behavior*, 42, 442-457. <https://doi.org/10.1037/lhb0000299>
- Duke, M.C.,** Wood, J.M., Bollin, B., Scullin, M., & LaBianca, J. (2018). Development of the Rapport Scales for Investigative Interviews and Interrogations (RS3i), Interviewee Version. *Psychology, Public Policy, and the Law*, 24, 64-79.
<https://doi.org/10.1037/law0000147>
- Duke, M.C.,** & Van Puyvelde, D. (2016). What science can teach us about “enhanced” interrogations. *Journal of Intelligence and Counterintelligence*, 30, 310-339.
<https://doi.org/10.1080/08850607.2016.1230707>
- Duke, M.C.,** Uhl, E., Price, H., & Wood, J.M. (2016). Avoiding problems in child abuse investigations and interviews. In (Eds.) Fanetti, M.N., & Odonohue, W.T. *Forensic interviews regarding child sexual abuse: A guide to evidence-based practice*. Cham, Switzerland: Springer International Publishing. ISBN: 978-3-319-21096-4
- Duke, M.C.,** Hosch, M., & Duke, B. (2015). The effect of liability stipulation on damage awards in a personal injury case. *Psychology, Public Policy, and the Law*, 21(3), 265-279.
<https://doi.org/10.1037/law0000050>
- Wood, J.M., Garb, H.N, Nezworski, M.T., Lilienfeld, S.O., & **Duke, M.C.** (2015). A second look at the validity of widely used Rorschach indices: Comment on Mihura, Dumitrascu, and Bombel (2013). *Psychological Bulletin*, 141, 236-249. <https://doi.org/10.1037/a0036005>

Presentations

- Duke, M.C.** (2024). Improving decision-makers’ interpretation of analytic uncertainty. International Studies Association Conference, San Fransisco, CA, April 2024.

- Duke, M.C. (2024). An evaluation of rapport transfer in sequential interviews. American Psychology and Law Society Conference, Los Angeles, CA, March 2024
- Duke, M.C. (2023). The utility of a revised probability lexicon to express uncertainty in intelligence analysis. International Studies Association Conference, Montreal, CA, March 2023
- Duke, M.C. (2022). End user susceptibility to social engineering tactics: Understanding how perception of risk impacts the decision to avoid unsecure behavior. International Studies Association Conference, Nashville, TN, March 2022.
- Duke, M.C. (2022). Interviewee decision-making about sharing information in response to uncertainty about interviewer knowledge. American Psychology and Law Society Conference, Denver, CO, March 2022.
- Duke, M.C. (2021). The Illusion of Knowing All and Strategic Use of Evidence: How interviewee uncertainty about interviewer knowledge impacts cooperation. 10th Annual HIG Research Symposium, Online, July 2021.
- Duke, M.C. (2019). Teaching science- and theory-based intelligence interviewing practice. International Association for Intelligence Education Conference, New York City, NY, June 2019.
- Duke, M.C. (2019). New course development for intelligence analysis. Intelligence Community Centers of Academic Excellence Conference, El Paso, TX, February 2019.
- Duke, M.C. (2018). Cognitive bias in intelligence analysis: Teaching students how to recognize and counter thinking errors. International Association for Intelligence Education-Europe Chapter Conference, Leicester, UK, September 2018.
- Duke, M.C. (2017). The use of behavioral coding to address research questions in intelligence. National Security Studies Institute Colloquium, El Paso, TX, March 2017.
- Duke, M.C., Wood, J.M., Magee, J., & Escobar, H. Effectiveness of interrogation techniques from the US Army Field Manual: Is promoting cooperation better than suppressing resistance? American Psychology and Law Society Conference, Seattle, WA, March 2017.
- Duke, M.C., Wood, J.M., Magee, J., & Escobar, H. The effectiveness of Army Field Manual interrogation approaches through the development of specific dimensions of rapport. High-Value Detainee Interrogation Group Symposium, Washington, D.C., October 2016.
- Duke, M.C. (2016). Research on investigative interviewing and interrogation: How evidence-based practice can improve outcomes. Center for Law and Human Behavior Homeland Security Symposium, El Paso, TX, March 2016.
- Duke, M.C. (2014). MPlus workshop. Center for Law and Human Behavior Seminar, El Paso TX, March 2014.
- Duke, M.C., Wood, J.M., Scullin, M.H., & LaBianca, J. (2013). The development of the Rapport Scales for Investigative Interviews and Interrogations (RS3i). High-Value Detainee Interrogation Group Symposium, Washington, D.C., October 2013.
- Duke, M.C., Wood, J.M., & Yan, S. Interviewing through interpreters. American Psychology and Law Society Conference, Portland, OR, March 2013.
- Duke, M.C., & Hosch, H. The effect of liability stipulations and defense rebuttals on amount of damages awarded. American Psychology and Law Society Conference, Portland, OR, March 2013.

- Duke, M.C., & Wood, J.M. The effect of reciprocity and guided imagery on the development of implanted memories in children. American Psychology and Law Society Conference, San Juan, Puerto Rico, March 2012.
- Duke, M.C., & Wood, J.M. The CSI Effect: The effect of television-viewing on juror decision-making (Poster Presentation). American Psychology and Law Society Conference, San Juan, Puerto Rico, March 2012.

Grants

Grants awarded

University Research Institute Award, University Research Institute, University of Texas at El Paso, January 2022 (\$4940). Principle investigator: **Misty Duke**

Career Enhancement Award, College of Liberal Arts, University of Texas at El Paso, April 2021 (\$3,400). Principle investigator: **Misty Duke**

Interviewee decision-making about sharing information in response to uncertainty about interviewer knowledge, Federal Bureau of Investigation, High-Value Detainee Interrogation Group, August 2020 (\$144,000). Principle investigator: **Misty Duke**

The effectiveness of Army Field Manual interrogation techniques through the development of specific dimensions of rapport, Federal Bureau of Investigation, High-Value Detainee Interrogation Group, September 2015 (\$154,000). Principle investigators: **Misty Duke** and James Wood

Invited to submit a proposal

Improving outcomes for ICE HSI investigative interviews through training in rapport-building skills, National Center for Border Security and Immigration, June 2014 (Grant not awarded)

Teaching Experience

Undergraduate

Applied Research Methods in Criminal Justice	University of Texas at El Paso (CRIJ 3300)
Cognitive Bias in Intelligence Analysis	University of Texas at El Paso (INSS 4350)
Developmental Psychology	El Paso Community College
Human Relations in the Workplace	El Paso Community College
Introduction to Psychology	El Paso Community College
Statistics	El Paso Community College
Intelligence Interviewing and Interrogation	University of Texas at El Paso (INSS 4350)
Introduction to Psychology	University of Texas at El Paso (PSYC 1301)
Seminar in Intelligence and National Security	University of Texas at El Paso (INSS 3302)
Statistical Methods	University of Texas at El Paso (PSYC 1303)
Women in Criminal Justice	University of Texas at El Paso (CRIJ 4314)

Graduate

Decision Making in Intelligence and Criminal Justice	University of Texas at El Paso (INSS 5328/CRIJ 5328)
Intelligence Interviewing and Interrogation	University of Texas at El Paso (INSS 5323)
Propaganda and Influence Operations	University of Texas at El Paso (INSS 5308)
Research Methods in Intelligence and Criminal Justice	University of Texas at El Paso (INSS 5300/CRIJ 5302)
Seminar in Intelligence and National Security	University of Texas at El Paso (INSS 5302)
Statistics in Intelligence Analysis and Criminal Justice	University of Texas at El Paso (INSS 5361/CRIJ 5361)

Media Contributions

Duke, M.C., & Van Puyvelde, D. (2016, February 9). "Enhanced interrogations" don't work as well as regular ones. *Washington Post Monkey Cage*. Retrieved from https://www.washingtonpost.com/news/monkey-cage/wp/2017/02/09/enhanced-interrogations-dont-work-as-well-as-regular-ones/?noredirect=on&utm_term=.1341689e1d50.

Film for interrogation exhibit at the International Spy Museum, Washington, D.C. that opened in Spring, 2019.

Journal Reviews

Cross-cultural Research

Intelligence and National Security

Journal of Family Studies

Journal of Investigative Psychology and Offender Profiling

Law and Human Behavior

Memory

Service to University, College, and Department

Chair of MA Thesis Committee

Austin Sullivan (completed, Spring 2023). Effects of Witnessing Terrorist Attacks on Perceived Causes of Terrorism and Support for Security Measures. Department of Criminal Justice and Security Studies. University of Texas at El Paso.

Mayra Pacheco (completed, Spring 2023). Developing a risk assessment instrument for immigration cases under federal supervision. Department of Criminal Justice and Security Studies. University of Texas at El Paso.

Member of PhD Dissertation Committee

Grace Hanzelin (in progress). A new normal: Testing the utility of cumulative prospect theory in explaining defendant plea decisions. Department of Psychology. University of Texas at El Paso.

Justin L. Magee (completed, Spring 2020). Development of the Rapport Scales for Investigative Interviews and Interrogations, Observer Version (RS3i-O). Department of Psychology. University of Texas at El Paso.

Adon Neria (completed, Spring 2017). Are narcissists more likely to support terrorism? Why claiming false religious knowledge leads to support for terrorism. Department of Psychology. University of Texas at El Paso.

Member of MA Thesis Committee

Amaris Bustamante (in progress). Resource scarcity caused by environmental changes: Driving factor in terrorism attacks in Afghanistan, Pakistan, Syria. Department of Criminal Justice and Security Studies. University of Texas at El Paso.

Claudia Cota (in progress). Examining the effects of acute and chronic stress on the interrogative suggestibility of young adults. Department of Psychology. University of Texas at El Paso.

Albert Contreras (completed, Spring 2021). The return of state vs state competition. Department of Criminal Justice. University of Texas at El Paso.

Blanca Gurrola (completed, Spring 2023). Mechanisms of false memories in bilinguals. Department of Psychology. University of Texas at El Paso.

Grace Hanzelin (completed, Spring 2023). The impact of acute stress and guilt status on plea decisions, knowledge, and voluntariness. Department of Psychology. University of Texas at El Paso.

Gabriel Koshinsky (completed, Spring 2021). Defining intelligence failure: A puzzled discourse. Department of Criminal Justice. University of Texas at El Paso.

Claudia Lopez (completed, Fall 2018). Age at first offense as a predictor of recidivism among high-risk juvenile delinquents versus all juvenile delinquents. Department of Psychology. University of Texas at El Paso.

Justin L. Magee (completed, Fall 2018). Convergent Validity of Five Observational Rating Scales as Measures of Rapport in Investigative Interviews and Interrogations. Department of Psychology. University of Texas at El Paso.

Marco Schinella (completed, Fall 2021). Collige et impera: The United States reengagement in Libya. Department of Criminal Justice. University of Texas at El Paso.

Supervisor of Capstone Papers

David Corona-Salinas (completed, Fall 2020). Are law-enforcement agencies in the state of chihuahua using evidence-based interview and interrogation techniques? Department of Criminal Justice. University of Texas at El Paso.

Temiloluwa Fakoya (completed, Fall 2020). How has the pandemic affected the ability to conduct domestic human intelligence collection with a focus on the aspect of interview and interrogation process? Department of Criminal Justice. University of Texas at El Paso.

Juan Rabelo (completed, Fall 2020). Incorporating a fusion center on a university campus

to identify insider threats and espionage activities. Department of Criminal Justice. University of Texas at El Paso.

April Ward (completed, Fall 2020). Countermeasures effective in minimizing china's theft of trade secrets. Department of Criminal Justice. University of Texas at El Paso.

Aleida Bautista (completed, Spring 2020). The geography of lethal force: Using GIS to find correlations between use of lethal force and selected demographic variables. Department of Criminal Justice. University of Texas at El Paso.

Mathew Martinez (completed, Fall 2019). Keeping the lights on: an examination of cyber threats to us natural gas transportation. National Security Studies Institute. University of Texas at El Paso.

Emilio Morales, Jr. (completed, Fall 2014). Global climate change is a threat to U.S. national security. National Security Studies Institute. University of Texas at El Paso.

Kris Hemme (completed, Fall 2014). The importance of critical infrastructure maintenance for national security. National Security Studies Institute. University of Texas at El Paso.

Proficiency in Statistical Procedures and Software

Proficient in Analysis of Variance, Multiple Linear and Logistic Regression and Path Analysis, Structured Equations Modeling, Exploratory and Confirmatory Factor Analysis, Scale Development including Evaluation of Reliability and Validity, and Nonparametric Statistical Tests. Proficient in SPSS, Stata, and MPlus statistical software.

Experienced in Meta-analytic Methods and Multi-level Modeling. Experienced in LISREL and AMOS statistical software.