

**Laura A. Zimmerman, Ph.D.**  
**Curriculum Vitae**

**ADDRESS**

Klein Associates/ARA  
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**EDUCATION**

- |      |       |  |
|------|-------|--|
| 2006 | Ph.D. | University of Texas at El Paso<br>El Paso, Texas<br>Applied Experimental Psychology<br>Legal Psychology track<br>Research Advisor: Roy S. Malpass<br>Dissertation Title: <i>Law Enforcement Decision Making During Critical Incidents: A Three-Pronged Approach to Understanding and Enhancing Law Enforcement Decision Processes.</i> |
| 2004 | M.A.  | University of Texas, El Paso<br>El Paso, Texas<br>Applied Experimental Psychology<br>Legal Psychology track<br>Thesis Title: <i>The influence of Guided Memory and Structured Interview Techniques on Eyewitness Verbal Descriptions after Short and Long Delays</i>   |
| 2001 | B.A.  | San Francisco State University<br>San Francisco, California<br>Psychology, minor in Criminal Justice<br>Senior Thesis Title: <i>Gender differences in the aggressive behavior of young adults victimized by community violence</i>   |

**PROFESSIONAL EXPERIENCE**

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|----------------|---|
| 2006 – present | Klein Associates/ARA, Senior Scientist II<br>Fairborn, OH   |
| 2004 – present | Certified Law Enforcement Academy Instructor, Texas Commission on Law Enforcement Standards and Education<br>El Paso County Sheriff's Office Region VIII Training Academy |
| 2004 – 2006    | Assistant Instructor, Department of Psychology  |

University of Texas, El Paso

- 2001 – 2006      Research Apprentice, Eyewitness Identification Research Laboratory  
Department of Psychology, University of Texas at El Paso
- 2001 – 2003      Teaching Assistant, Department of Psychology  
University of Texas, El Paso
- 2000 - 2001      Research Assistant, funded by the National Institute of Justice  
(Principal Investigator, Caran Colvin, Ph.D.)  
SFPD Laptop Evaluation Project, Department of Psychology  
San Francisco State University

## **PUBLICATIONS**

MacLin, O. H., Meissner, C. A., & Zimmerman, L. A. (2005). PC\_Eyewitness: A computerized framework for the administration and practical application of research in eyewitness psychology. *Behavior Research Methods*, 37, 324-334.

MacLin, O. H., Zimmerman, L. A., & Malpass, R. S. (2005). PC\_Eyewitness and the sequential superiority effect: Computer based lineup administration. *Law and Human Behavior*, 29, 303-321.

Malpass, R. S., Zimmerman, L. A., Meissner, C. A., Ross, S. J., Rigoni, M. E., Topp, L. D., Pruss, N., Tredoux, C. T., & Leyva, J. M. (2005). Eyewitness memory and identification. *The San Antonio Defender*, 7(1), 2-13.

Tredoux, C. G., Meissner, C. A., Malpass, R. S., & Zimmerman, L. A. (2004). Eyewitness identification. In C. Spielberger, S. (Ed.), *Encyclopedia of Applied Psychology* (pp. 875-887). San Diego, CA: Academic Press.

Zimmerman, L. A. (2004). Recent research: Effects of stress on police and citizen eyewitnesses. *The Canadian Journal of Police and Security Services*, 1 (4), 377-380.

Zimmerman L. A. (2004). Book review: Understanding police and police work: Psychosocial issues. *The Canadian Journal of Police and Security Services*, 2 (1), 58-61.

Zimmerman, L.A. (2005). Decision making in ill-defined tasks: Book review: Psychological Investigations of Competence in Decision Making. *Applied Cognitive Psychology*, 19, 816-819.

## **MANUSCRIPTS UNDER REVIEW**

MacLin, M. K., Zimmerman, L. A., Meissner, C. A., MacLin, O. H., Tredoux, C. G., & Malpass, R. S. (in press). The science of collecting eyewitness evidence: A collaborative effort between researchers and law enforcement. *Police Practice and Research: An international Journal*.

Zimmerman, L. A. (under revision). *Research examining police officers as eyewitnesses: Do police describe and identify criminal perpetrators better than civilians?*

Zimmerman, L. A. & Malpass, R. S. (under revision). The influence of guided memory and structured interview techniques on eyewitness verbal descriptions after short and long delays. *Applied Cognitive Psychology*.

Zimmerman, L. A., Malpass, R. S., & MacLin, O. H. (under revision). *Unconfounding the simultaneous vs. sequential comparison*.

Malpass, R. S., MacLin, O. H., Tredoux, C. G., McQuiston-Surrett, D. E., Zimmerman, L.A., & Topp, L. D. (under review). *Study Space Analysis for Policy Development: Simultaneous vs. Sequential Lineups*.

Zimmerman, L. A. (under review). Making sense of human behavior: Explaining how police officers assess danger during traffic stops. In J. M. Schraagen, L. Militello, T. Ormerod, & R. Lipshitz (Eds.), *Naturalistic Decision Making and Macrocognition*. Aldershot, U.K.: Ashgate Publishing.

### **MANUSCRIPTS IN PREPARATION**

Zimmerman, L. A. (in preparation). *Law Enforcement Decision Making During Critical Incidents: A Three-Pronged Approach to Understanding and Enhancing Law Enforcement Decision Processes*.

Zimmerman, L. A., Rigoni, M. E., Luna, A. H., & Malpass, R. S. (in preparation). *The influence of ethnicity and language on facial descriptions: A comparison of monolingual and bilingual Hispanics*.

### **RESEARCH IN PROGRESS**

*Illinois pilot program on sequential lineups: A field evaluation of lineup procedures conducted in Illinois police departments*.

*Detecting deception in real-life preinterrogative interviews: (What) can we learn from patrol officers on the street?*

### **PRESENTATIONS**

#### **2006**

Malpass, R. S., Tredoux, C. G., McQuiston-Surrett, D. E., Zimmerman, L. A. & MacLin, O. H. (2006, March). *A Re-examination Of Sequential Lineup Superiority*. Paper presented at the 2006 annual meeting of the American Psychology-Law Society, Division 41 of the American Psychological Association, St. Petersburg, FL.

Rignoi, M. E., Zimmerman, L. A., Albrechtsen, J. Shaw, M., & Meissner, C. A. (2006, March). *The contents and current application of the interrogation manuals used by federal intelligence agencies*. Poster presented at the 2006 annual meeting of the American

Psychology-Law Society, Division 41 of the American Psychological Association, St. Petersburg, FL.

Zimmerman, L. A. (2006, March). *Do Police Make Better Eyewitnesses than Civilians?: A Meta-Analytic Review of Research Investigating Police Officer Ability to Describe and Identify Criminal Perpetrators*. Paper presented at the 2006 annual meeting of the American Psychology-Law Society, Division 41 of the American Psychological Association, St. Petersburg, FL.

Zimmerman, L. A. (2006, March). *The Influence of Experience on Decision Making in Law Enforcement Environments: An Assessment of How Police Officers Evaluate Critical Incidents*. Paper presented at the 2006 annual meeting of the American Psychology-Law Society, Division 41 of the American Psychological Association, St. Petersburg, FL.

### **2005**

Zimmerman, L. A. (2005, June). *Naturalistic Decision Making in Law Enforcement Environments: An assessment of experienced and novice police officer decision processes*. Poster presented at the 7<sup>th</sup> International Conference on Naturalistic Decision Making, Amsterdam, The Netherlands.

MacLin, O. H., Meissner, C. A., & Zimmerman, L. A. (2005, May). *Development of PC\_Eyewitness: A Versatile Modular Computer Program*. Paper presented at the 2005 annual Convention of the Association for Behavior Analysis, Chicago, IL.

Zimmerman, L. A., Luna, A.H., & Malpass, R. S. (2005, March). *The Influence of Ethnicity and Language on Facial Descriptions: A Comparison of Monolingual and Bilingual Hispanics*. Poster presented at the 2005 Annual Meetings of the American Psychology-Law Society, Division 41 of the American Psychological Association, San Diego, CA.

### **2004**

MacLin, O. H., Meissner, C. A., & Zimmerman, L. A. (2004, March). *PCE\_Basic: A computerized framework for the administration and practical application of research in eyewitness psychology*. Poster presented at the 2004 Annual Meetings of the American Psychology-Law Society, Division 41 of the American Psychological Association, Scottsdale, AZ.

Zimmerman, L. A. & Malpass, R. S. (2004, March). *An investigation of differential interview techniques and time delays on eyewitness description accuracy*. Paper presented at the 2004 Annual Meetings of the American Psychology-Law Society, Division 41 of the American Psychological Association, Scottsdale, AZ.

Zimmerman, L. A. (2004, April). *A test of two interview methods: How memory and social enhancement techniques influence verbal descriptions*. Paper presented at the Annual Dialog of Aggies & Miners, Las Cruces, New Mexico.

### **2003**

Zimmerman, L. A. (2003, October). *A Systematic Review of Police Officers as Eyewitnesses: Do Police Describe and Identify Criminal Perpetrators Better than Civilians?*

Paper presented at the 3<sup>rd</sup> Annual International Eyewitness Memory Conference, Miami, FL.

MacLin, O. H. & Zimmerman, L. A. (2003, July). Evaluating relative vs. absolute judgments when identifying members of another race. *Paper presented in Meissner, C. A., Cross-Race effect in memory for faces: Developmental, theoretical and applied implications.* Symposium presented at the meetings of the Society for Applied Research in Memory and Cognition, Aberdeen, Scotland.

Malpass, R. S., MacLin, O. H., Zimmerman, L. A., Tredoux, C. G., & McQuiston, D. E. (2003, July). A Study Space Analysis For Policy Development: Application To Simultaneous vs. Sequential Lineups. Paper presented in Malpass, R.S. *Simultaneous Or Sequential Lineups? New Data, New Perspectives, New Looks At Old Questions, And A Study Space Based Policy Analysis.* Symposium presented at the Meetings of the American Psychology & Law Society, Edinburgh.

Topp, L. D., Zimmerman, L. A., MacLin, O. H. & Malpass, R. S. (2003, July). *Implications of Latency Times and Confidence Ratings on Eyewitness Identification Accuracy.* Poster presented at the Meetings of the American Psychology & Law Society, Edinburgh.

Zimmerman, L. A., MacLin, O. H. & Malpass, R. S. (2003, July). *Comparison of lineup administration methods: Traditional paper-and-pencil versus computerized administration technology.* Poster presented at the Meetings of the American Psychology & Law Society, Edinburgh.

Zimmerman, L. A., MacLin, O. H. & Malpass, R. S. (2003, July). *Simultaneous and sequential lineups: A look beyond photo presentation order.* Paper presented at the Meetings of the American Psychology & Law Society, Edinburgh.

Zimmerman, L. A. & Malpass, R. S. (2003, July). *Eyewitness description enhancement techniques: Assessment of Guided Memory and Structured Interview techniques with varied time delays between event and interview.* Poster presented at the Meetings of the Society for Applied Research in Memory and Cognition, Aberdeen, Scotland.

Zimmerman, L. A., MacLin, O. H. & Malpass, R. S. (2003, April). *Computerized data collection in eyewitness research: PC\_Eyewitness versus traditional paper-and-pencil methods.* Paper presented at the Annual Dialog of Aggies & Miners, El Paso, Texas.

## **2002**

MacLin, O. H., Zimmerman, L. A. & Malpass, R. S. (2002, October). *Computerized lineup administration technology: PC\_Eyewitness & PDA\_Eyewitness.* Poster presented at the 4<sup>th</sup> Annual National Conference on Science and the Law, Miami, FL.

Malpass, R. S., McQuiston, D. E., MacLin, O. H., Zimmerman, L. A. & Gaitens, K. E. (2002, October). *The Use of Quantitative Techniques for the evaluation of eyewitness identification lineups: Application to actual cases.* Poster presented at the 4<sup>th</sup> Annual National Conference on Science and the Law, Miami, FL.

McQuiston, D. E., Gaitens, K. E., Zimmerman, L. A., & Malpass, R. S. (2002, October). *Examining the mockwitness technique for evaluating sequential lineups.* Poster presented at the 4<sup>th</sup> Annual National Conference on Science and the Law, Miami, FL.

Zimmerman, L. A., Gaitens, K. E., McQuiston, D. E., MacLin, O. H. & Malpass, R. S. (2002, October). *Lineup presentation modes: Beyond simultaneous versus sequential*. Poster presented at the 4<sup>th</sup> Annual National Conference on Science and the Law, Miami, FL.

Gaitens, K., Zimmerman, L. A., McQuiston, D. E., & Malpass, R. S. (2002, March). *Structural bias in eyewitness lineups: When does the suspect stand out?* Poster presented at the 2002 Biennial Meetings of the American Psychology-Law Society, Division 41 of the American Psychological Association, Austin, TX.

## **TEACHING EXPERIENCE**

|                |  |
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| Instructor     | Experimental Psychology: Research Methods<br>Introduction to Psychology<br>Social Psychology<br>Critical Incident Decision Skills Training (El Paso County Sheriff's Academy)<br>Eyewitness Evidence Collection: Interviews and Identifications (El Paso County Sheriff's Academy) |
| Guest Lecturer | Abnormal Psychology<br>Psychology and Law<br>Cultural Diversity – El Paso County Sheriff's Academy<br>Memory Enhancement and Study Techniques: Workshop for basic detention and peace officer cadets – El Paso County Sheriff's Academy  |

## **INTERNSHIPS**

|                |   |
|----------------|---|
| 2004 – current | El Paso County Sheriff's Training Academy<br>(Vince Pokluda, Training Academy Director)<br>El Paso, Texas   |
| 2000 - 2001    | San Francisco District Attorney's Office, Juvenile Division<br>Victims Witness Assistance Program<br>Assistant Victims Advocate, archival research<br>(Jackie Ortiz, VWAP Senior Advocate)<br>San Francisco, California |
| 1999 - 2000    | Milestones Human Services, Inc<br>Alternative Sentencing Residential & Outpatient Treatment Program<br>(Donna M. Bennet, M.S., Executive Director)<br>San Francisco, California   |

## **RESEARCH GRANTS**

*Decision making during high-stakes critical incidents: A three-pronged approach to understanding and enhancing law enforcement decision processes*. UTEP Graduate School Dodson Fellowship (2005-2006). \$15,000.

*Law enforcement decision making during critical Incidents: A three-pronged approach to understanding and enhancing law enforcement decision processes.* (October, 2005). Human Factors and Ergonomics Society, Cognitive Engineering and Decision Making Technical Group – Student Grant Program, \$1,000.

*Decision making during high-stakes critical incidents: A three-pronged approach to understanding and enhancing law enforcement decision processes.* (March, 2005). UTEP Graduate School Research Grants-In-Aid, \$944.

*Law enforcement decision making during critical incidents: A three-pronged approach to understanding and enhancing law enforcement decision processes.* (September, 2004). National Institute of Justice, Solicitation for Crime and Justice Research. Proposal declined.

*The influence of guided memory and structured interview techniques on eyewitness verbal descriptions after short and long delays.* (November, 2003). American Psychology-Law Society Grants-In-Aid. \$500.

## **SCHOLARSHIPS & AWARDS**

Excellence Award for Outstanding Achievement (2002-2006). UTEP Graduate School, University of Texas at El Paso.

Excellence Award for Outstanding Undergraduate Achievement (2001-2002). UTEP Graduate School, University of Texas at El Paso.

Departmental Honoree, San Francisco State University Graduating Class of 2001. Designated honoree of the SFSU Psychology Department, San Francisco, CA.

## **EDITORIAL RESPONSIBILITIES**

2003 – 2006          Student Editorial Board, *Law and Human Behavior*

## **PROFESSIONAL ACTIVITIES**

2006 (Feb)          Invited Instructor, SPSS Workshop for COR Undergraduate Students, University of Texas, El Paso

2005 (Feb)          Invited Instructor, SPSS Workshop for COR Undergraduate Students, University of Texas, El Paso

2004 (August)      Invited Speakers. Zimmerman, L. A. & Malpass R. S. Workshop on Constructing and Evaluating Eyewitness Identification Lineups. Texas Criminal Defense Lawyers Association, Plano, TX.

2004 (August)      Invited Speakers. Malpass, R. S. & Zimmerman, L. A. Eyewitness Identification. Texas Criminal Defense Lawyers Association, Plano, TX.

- 2004 (Feb) Developer and Instructor, SPSS Workshop for COR Undergraduate Students, University of Texas, El Paso
- 2004 (Jan) Invited Speaker, Eyewitness Evidence Collection Procedures and Issues for visiting law students from Chihuahua, Mexico, University of Texas, El Paso
- 2003 (Aug) Invited Speaker, Graduate Student Orientation Day University of Texas, El Paso

### **PROFESSIONAL MEMBERSHIPS**

American Psychological Association  
 American Psychology-Law Society (Division 41, APA)  
 Human Factors and Ergonomics Society  
 International Law Enforcement Educators and Trainers Association  
 Society for Applied Research in Memory and Cognition  
 Society for Judgment and Decision Making  
 Society for Personality and Social Psychology

### **REFERENCES**

|   | <b>Address:</b>  | <b>Phone:</b>     |
|---|--|-------------------|
| Roy S. Malpass, Ph.D.<br>Professor of Psychology<br><a href="mailto:rmalpass@utep.edu">rmalpass@utep.edu</a>      | Department of Psychology<br>University of Texas at El Paso<br>El Paso, TX 79968      | (915) 747-7943    |
| Christian A. Meissner, Ph.D.<br>Assistant Professor<br><a href="mailto:cmeissner@utep.edu">cmeissner@utep.edu</a> | Department of Psychology<br>University of Texas at El Paso<br>El Paso, TX 79968      | (915) 747-6056    |
| Colin Tredoux, Ph.D.<br>Senior Lecturer<br><a href="mailto:cgtredoux@yahoo.co.uk">cgtredoux@yahoo.co.uk</a>       | Department of Psychology<br>University of Cape Town<br>Rondebosch 7700, South Africa | 011-2721 650-3424 |