

Vredenburgh & Associates, Inc.

Human Factors, Ergonomics, Safety and Organizational Consulting

Mailing Address 2588 El Camino Real, F353 Carlsbad, CA 92008 (760) 434-4741 avredenburgh@gmail.com www.hfexpert.com

RESEARCH

Accessibility and Environmental Design

Vredenburgh, A.G., & Zackowitz, I.B. (2012). When a Dog is Just a Dog? A Case Study Evaluating the ADA service animal rules. *Proceedings of the Human Factors and Ergonomics Society 56th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, Vol. 56, 720-723.

Vredenburgh, A.G., Williams, K., Zackowitz, I.B., & Welner, J.M. (2011). Evaluation of Wheelchair Users' Perceived Kitchen and Bathroom Usability: Effort and Accessibility. *Journal of Architectural and Planning Research*. 27(3), 219-236.

Vredenburgh, A.G., & Zackowitz, I.B. (2011). Research in Motion: A Case Study Evaluating the Accessibility of Public Transit in our Nation's Capital. In *Proceedings of the Human Factors and Ergonomics Society 55th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, 584-588.

Zackowitz, I.B., Vredenburgh, A.G, Calkins, L., & Kessler, D. (2010). The current state of legal, design, and residential usability issues for people with various disabilities. In *Proceedings of the Human Factors and Ergonomics Society 54th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, 753-756.

Zackowitz, I.B., & Vredenburgh, A.G. (2010). Evaluation of Methods to Remedy Existing Multi-Family Housing to Maximize Accessibility to Residents. In Tadeusz Marek, Waldemar Karwowski & Valerie Rice, (Ed.). Advances in Understanding Human Performance: Neuroergonomics, Human Factors Design and Special Populations, 613-623.

Vredenburgh, A.G., & Zackowitz, I.B. (2009). How Best to Accommodate People with Disabilities Residing in Existing Multi-Family Housing. In *Proceedings of the Human Factors and Ergonomics Society 53rd Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society.

Vredenburgh, A.G., Hedge, A., Zackowitz, I.B., & Welner, J.M. (2009). Evaluation of Wheelchair Users' Perceived Sidewalk and Ramp Slope: Effort and Accessibility. *Journal of Architectural and Planning Research*, 26(2), 145-158.

Vredenburgh, A.G., & Zackowitz, I.B. (2008). Who turned off the lights? *Proceedings of the Applied Human Factors and Ergonomics* 2nd *International Conference*, Las Vegas, NV.

Zackowitz, I.B., & Vredenburgh, A.G. (2007). When Communication Failure Contributes to an Injury: A Case Study of Para-Transportation for Wheelchair Users. In *Proceedings of the Human Factors and Ergonomics Society 51st Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, 559-563.

Vredenburgh, A.G., Hedge, A., Zackowitz, I.B., & Welner, J.M. (2007). Vol. 13. Using human factors engineering to evaluate existing walkway accessibility standards. In *Proceedings of the 59th Annual Meeting of the American Academy of Forensic Sciences*, Denver, CO: Publication Printers, Corp., 172-173.

Vredenburgh, A.G., & Vredenburgh, M.J. (2006). Vol. 12. Human factors evaluation of a steam shower. In Proceedings of the 58th Annual Meeting of the American Academy of Forensic Sciences, Colorado Springs, CO: American Academy of Forensic Sciences, 132.

Vredenburgh, A.G., & Williams, K. (2005). Evaluating the effects of frost heave on the feasibility of compliance with existing walkway accessibility standards. In *Proceedings of the Human Factors and Ergonomics Society 49th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, 813-817.

Zackowitz, I.B., Vredenburgh, A.G., & Hedge, A. (2005). A critical analysis of the usability and design of aluminum wheelchair ramps. In *Proceedings of the Human Factors and Ergonomics Society 49th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, 803-807.

Vredenburgh, A., Cohen, H.H., Hornick, R., Laughery, K., Leonard, D., Olsen, R., Smith, L., Thompson, D., Wogalter, M., & Zackowitz, I. (1997). Mock trial: How human factors experts contribute to civil litigation. Case 1: A pedestrian's encounter with a tripping hazard. In *Proceedings of the 41st Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society, (1) 524-528.

Warnings, Product Design and Risk Perception

Wogalter, M.S. Laughery, K.R., Vredenburgh, A.G., Deppa, S.W., Lueder, R. & Zackowitz, I.B. (2014). Child Injury: Forensic human factors points to the need for better product designs and warnings. *Proceedings of the Human Factors and Ergonomics Society 58th Annual Meeting*, Santa Monica, CA: Human Factors and Ergonomics Society, 58:1864-1868.

Vredenburgh, A.G., & Spencer, D.R. (2013). Sophisticated User: When Does a Jury Find Users to Have Sophisticated Knowledge after Determining Liability/Failure to Warn? *Proceedings of the Human Factors and Ergonomics Society 57th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, Vol. 57, 565-569.

Vredenburgh, A.G., & Zackowitz, I.B. (2012). Case Study: Evaluating the Warnings on a Tanning Bed. *Proceedings of the Human Factors and Ergonomics Society 56th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, Vol. 56, 671-674.

Vredenburgh, M.J., Zackowitz, I.B., Spencer, D., DeTaboada, M.R, & Vredenburgh, A.G. (2010). What constitutes typical adolescent behavior and how does it differ from adult conduct? In Waldemar Karwowski & Gavriel Salvendy (Ed.). *Advances in Human Factors, Ergonomics, and Safety Manufacturing and Service Industries.* 927-936.

Vredenburgh, A.G., & Zackowitz, I.B. (2009). Drug Labeling and its Impact on Patient Safety. In Sonja Koneczny (Ed.), *WORK: A Journal of Prevention, Assessment & Rehabilitation, Volume 33, Number 2. (pp. 169-174)*. The Netherlands: IOS Press.

Vredenburgh, A.G., & Zackowitz, I.B. (2008). Drug Labeling and its Impact on Patient Safety. In *Proceedings of the Human Factors and Ergonomics Society 52nd Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, 842-844.

Zackowitz, I.B., & Vredenburgh, A.G. (2008). When is a Warnings Case Not a Warnings Case? *Proceedings of the Applied Human Factors and Ergonomics* 2nd *International Conference*, Las Vegas, NV.

Kalsher, M.J., Cao, C.G.L., Weinger, M., Vredenburgh, A.G., Israelski, E., Spyridon, G., Yoshida, D., & McLeod, R. (2007). Mock Trial: Role of Human Factors in Litigation Involving Automated External Defibrillators (AED). In *Proceedings of the Human Factors and Ergonomics Society 51st Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, 1514-1516.

Kalsher, M.J., Van Duijne, F., Waters Deppa, S., Mont.Alvão Pontifícia, C., Rother, H.A., Vredenburgh, A.G., & Wogalter, M. (2007). An International Perspective on Risk Communications: Adapting to Safety Demands in the Emerging Global Economy. In *Proceedings of the Human Factors and Ergonomics Society 51st Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, 1403-1405.

Vredenburgh, A.G., Kalsher, M.J., & Vredenburgh, M.J. (2006). Evaluating hazard communication of patient medication information sheets for prescription drugs. IEA2006: 16th World Congress on Ergonomics. Elsevier Ltd.

Vredenburgh, A.G., Vredenburgh, M.J., & Kalsher, M.J. (2006). Adolescent risk perception and self-protective behavior regarding airsoft and paintball Guns. IEA2006: 16th World Congress on Ergonomics. Elsevier Ltd.

Vredenburgh, A.G., & Zackowitz, I.B. (2006). Warning expectations. In M. Wogalter (Ed.), The Handbook of Warnings: Design and Use. Chapter 25. Lawrence Erlbaum Associates, Inc. 345-354.

Vredenburgh, A.G., & Helmick-Rich, J.A. (2006). Extrinsic non-warning factors. In M. Wogalter (Ed.), The Handbook of Warnings: Design and Use. Chapter 28. Lawrence Erlbaum Associates, Inc. 373-384.

Vredenburgh, A.G., Longden, S., Williams, K.J., & Kalsher, M.J. (2005). Evaluating latex glove container warnings in a realistic setting. *International Journal of Industrial Ergonomics*, 35, 559-568.

Vredenburgh, A.G., & Zackowitz, I.B. (2005). Human factors issues to be considered by product liability experts. In Y.I. Noy & W. Karwowski (Eds.), *Handbook of Human Factors in Litigation*. Chapter 26. Boca Raton, FL: CRC Press, 26-1 – 26-11.

Vredenburgh, A.G., Longden, S., Williams, K.J., & Kalsher, M.J. (2003). Medical Product Labeling: The evaluation of latex allergy warnings in a realistic setting. In *Proceedings of the Human Factors and Ergonomics Society 47th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, 1554-1558.

Vredenburgh, A.G., & Zackowitz, I.B. (2001). Evaluating the effectiveness of a pictorial-only warning on a trolley coupler. In *Proceedings of the Human Factors and Ergonomics Society 45th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, 848-851.

Vredenburgh, A.G., & Cohen, H.H. (1995). High risk recreational activities: Skiing and scuba – What predicts compliance with warnings. *International Journal of Industrial Ergonomics*, 15, 123-128.

Abstract reprinted (1996), Journal of Safety Research, 27(2), 134-135.

Vredenburgh, A.G., & Cohen, H.H. (1995). Does culture affect risk perception?: Comparisons among Mexicans, African-Americans, Asians, and Caucasians. In *Proceedings of the 39th Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society, (2), 1015-1019.

Abstract reprinted (1996), Journal of Safety Research, 27(2), 272.

Vredenburgh, A.G., & Cohen, H.H. (1993). Compliance with warnings in high-risk recreational activities: Skiing and scuba. In *Proceedings of the 37th Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society (2), 945-949.

Workplace Safety

Runge, K. & Vredenburgh, A.G. (2013). A False Sense of Security: Hazards Associated with Working on Flat Roofs with Parapet Walls. *Proceedings of the Human Factors and Ergonomics*

Society 57th Annual Meeting. Santa Monica, CA: Human Factors and Ergonomics Society, Vol. 57, 590-594.

Vredenburgh, A.G. (2003). Intervention Effectiveness: Evaluation of six workplace safety programs to determine their contribution to injury reduction. Abstract in *Proceedings of the National Occupational Injury Research Symposium (NOIRS)*. Pittsburgh, Pennsylvania, 101.

Vredenburgh, A.G., & Zackowitz, I.B. (2003). Conducting a Systems Evaluation to Address Workplace Radiation Exposure Hazard. In *Proceedings of the Human Factors and Ergonomics Society 47th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, 1252-1255.

Vredenburgh, A. (2002). Organizational safety: Which management practices are most effective in reducing employee injury rates? *Journal of Safety Research*, 33, 259-276.

Vredenburgh, A.G., & Zackowitz, I. B. (2001). Work-related musculoskeletal disorders: Ergonomic risk to healthcare workers. In D. Alexander & R. Rabourne (Eds.), *Applied Ergonomics*. Chapter 17. Taylor & Francis: London, 146-155.

Vredenburgh, A.G., & Zackowitz, I. B. (2001). Ergonomics programs: Reducing work-related musculoskeletal injuries. In D. Alexander & R. Rabourne (Eds.), *Applied Ergonomics*. Chapter 28. Taylor & Francis: London, 259-268.

Vredenburgh, A. (1999). Risk management: Which management practices are best predictors of employee injury rates? In *Proceedings of the Human Factors and Ergonomics Society 43*Annual Meeting. Santa Monica, CA: Human Factors and Ergonomics Society, 902-906.

Vredenburgh, A.G. (1998). Safety management: Which organizational factors predict hospital employee injury rates? Doctoral dissertation. California School of Professional Psychology, San Diego, CA.

Healthcare Worker and Patient Safety

Vredenburgh, A.G., Kalsher, M.J., & Vredenburgh, M.J. (2006). Evaluating hazard communication of patient medication information sheets for prescription drugs. IEA2006: 16th World Congress on Ergonomics. Elsevier Ltd.

Vredenburgh, A.G., Longden, S., Williams, K.J., & Kalsher, M.J. (2005). Evaluating latex glove container warnings in a realistic setting. *International Journal of Industrial Ergonomics*, 35, 559-568.

Murphy, W.H., Vredenburgh, A., Weinger, M.G., & Yoshida, D. (2005). Human factors engineering, legal liability, malpractice, and patient safety. *In Human Factors, Ergonomics, and Patient Safety for medical Devices*. Arlington, VA: Association for the Advancement of Medical Instrumentation (AAMI).

Vredenburgh, A.G. & Weinger, M.B. (2004). Communication of drug hazard information: A critical analysis of how the relationship between the pharmaceutical companies, the FDA, clinicians and patients impacts patient safety. In *Proceedings of the Human Factors and Ergonomics Society 48th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, 2040-2044.

Vredenburgh, A.G. & Weinger, M.B. (2004). Examination of apparent flaws in the American drug hazard detection, evaluation, and risk communication system. Abstract in the Program of the *Second Annual Patient Safety Conference: Making care safer one patient at a time*. San Diego, CA, 100.

Weinger, M.B., Vredenburgh, A.G., Schumann, C.M., Macario, Williams, K.J., Kalsher, M.J., Smith, B., Truong, P.C., & Kim, A. (2000). Quantitative Description of the workload associated with airway management procedures. *Journal of Clinical Anesthesiology*, *12*(4), 273-82.

Vredenburgh, A., Weinger, M., Macario, A., & Smith, B. (2000). Developing a technique to measure anesthesiologists' real-time workload. In *Proceedings of the XIVth Triennial Congress of the International Ergonomics Association and 44th Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society, 4-241 – 4-244.

Vredenburgh, A.G., Saifer, A.G., & Cohen, H.H. (1995). You are going to do what with that thing? An ergonomic analysis of a medical device. *Ergonomics in Design*, April, 16-20.

Children, Schools, and Playgrounds

Zackowitz, I.B., & Vredenburgh, A.G. (2013). A Forensic Human Factors Analysis of a Playground Designated for Special Needs Children. *Proceedings of the Human Factors and Ergonomics Society 57th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, Vol. 57, 585-589.

Vredenburgh, A.G., & Zackowitz, I.B. (2007). Playground: Safety and Ergonomics. In R. Lueder & V. Berg Rice (Eds.). *Ergonomics for Children: Designing products and places for toddler to teens.* (pp. 907-925). London: Taylor & Francis.

Vredenburgh, A.G., Vredenburgh, M.J., Kalsher, M.J. (2006). Adolescent risk perception and self-protective behavior regarding airsoft and paintball Guns. IEA2006: 16th World Congress on Ergonomics. Elsevier Ltd.

Zackowitz, I.B., & Vredenburgh, A.G. (2005). Preschoolers, adolescents and seniors: Agerelated factors that pertain to forensic human factors analyses. In Y.I. Noy & W. Karwowski (Eds.), *Handbook of Human Factors in Litigation*. Chapter 35. Boca Raton, FL: CRC Press, 35-1 – 35-11.

Vredenburgh, A.G., & Zackowitz, I.B. (2002). Playground Safety: A forensic human factors analysis of fall injuries. In *Proceedings of the 54th Annual Meeting of the American Academy of Forensic Sciences*, Santa Monica, CA: Human Factors and Ergonomics Society, 95-96.

Zackowitz, I.B., & Vredenburgh, A.G. (1998). Preschoolers: A forensic human factors analysis. (Summary) In *Proceedings of the 50th Annual Meeting of the American Academy of Forensic Sciences*, San Francisco, CA, 90-91.

Organizational Effectiveness

Vredenburgh, A.G., & Zackowitz, I.B. (2005). Sexual Harassment: A forensic human factors perspective. In Y.I. Noy & W. Karwowski (Eds.), *Handbook of Human Factors in Litigation*. Chapter 36. Boca Raton, FL: CRC Press, 36-1 – 36-9.

Vredenburgh A.G., & Zackowitz I.B., (2002). Sexual Harassment: An organizational safety issue. In *Proceedings of the Human Factors and Ergonomics Society 46th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, 915-919.

Vredenburgh A., Hendrick, H., & Zackowitz, I. (2000). Are personality traits useful predictors of managers' success? In *Proceedings of the XIVth Triennial Congress of the International Ergonomics Association and 44th Annual Meeting of the Human Factors and Ergonomics Society.* Santa Monica, CA: Human Factors and Ergonomics Society, 2-301 – 2-304.

Vredenburgh, A., McLeod, J., & Nebeker, D. (1999). Under what circumstances do extrinsic rewards decrease intrinsic motivation? In *Proceedings of the Human Factors and Ergonomics Society 43rd Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, 830-834.

Vredenburgh, A., Hendrick, H., & Zackowitz, I. (1998). Hotel managers: What personality traits predict their success? (Summary) In *Proceedings of the IO/OB 19th Annual Graduate Conference*, San Diego, CA, 112-114.

Zackowitz, I., & Vredenburgh, A. (1998). How individuals manage their impressions when presenting to their peers (Summary). In *Proceedings of the IO/OB 19th Annual Graduate Conference*, San Diego, CA, 94.

Forensics

Hornick, R.J., Vredenburgh, A.G., Laughery, K.R., Pauls, J.L., & Wogalter, M.S. (2014). Dealing with Dubious Testimony Provided by Opposing Experts. *Proceedings of the Human Factors and Ergonomics Society* 58th Annual Meeting, Santa Monica, CA: Human Factors and Ergonomics Society, 58:559-561.

Vredenburgh, A.G., & Spencer, D.R. (2013). Sophisticated User: When Does a Jury Find Users to Have Sophisticated Knowledge after Determining Liability/Failure to Warn? *Proceedings of the Human Factors and Ergonomics Society 57th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, Vol. 57, 565-569.

Zackowitz, I.B., & Vredenburgh, A.G. (2013). A Forensic Human Factors Analysis of a Playground Designated for Special Needs Children. *Proceedings of the Human Factors and Ergonomics Society 57th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, Vol. 57, 585-589.

Runge, K. & Vredenburgh, A.G. (2013). A False Sense of Security: Hazards Associated with Working on Flat Roofs with Parapet Walls. *Proceedings of the Human Factors and Ergonomics Society 57th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, Vol. 57, 590-594.

Vredenburgh, A.G., & Zackowitz, I.B. (2013). Falling from Airstairs while Disembarking from a Commuter Plane. *Proceedings of the Human Factors and Ergonomics Society 57th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, Vol. 57, 600-604.

Zackowitz, I.B., & Vredenburgh, A.G. (2008). Forensic Human Factors: People, places, products. In C.M. Carswell (Ed.). *Reviews of Human Factors and Ergonomics, Volume 4*. (pp. 75-104). Santa Monica, CA: Human Factors and Ergonomics Society.

Vredenburgh, A.G., & Zackowitz, I.B. (2012). When a Dog is Just a Dog? A Case Study Evaluating the ADA service animal rules. *Proceedings of the Human Factors and Ergonomics Society 56th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, Vol. 56, 720-723.

Vredenburgh, A.G., & Zackowitz, I.B. (2012). Case Study: Evaluating the Warnings on a Tanning Bed. *Proceedings of the Human Factors and Ergonomics Society 56th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, Vol. 56, 671-674.

Vredenburgh, A.G., & Zackowitz, I.B. (2005). Human factors issues to be considered by product liability experts. In Y.I. Noy & W. Karwowski (Eds.), *Handbook of Human Factors in Litigation*. Chapter 26. Boca Raton, FL: CRC Press, 26-1 – 26-11.

Zackowitz, I.B., & Vredenburgh, A.G. (2005). Preschoolers, adolescents and seniors: Agerelated factors that pertain to forensic human factors analyses. In Y.I. Noy & W. Karwowski (Eds.), *Handbook of Human Factors in Litigation*. Chapter 35. Boca Raton, FL: CRC Press, 35-1 – 35-11.

Vredenburgh, A.G., & Zackowitz, I.B. (2005). Sexual Harassment: A forensic human factors perspective. In Y.I. Noy & W. Karwowski (Eds.), *Handbook of Human Factors in Litigation*. Chapter 36. Boca Raton, FL: CRC Press, 36-1 – 36-9.

Hornick, R.J., & Vredenburgh, A.G. (2004). A Two-way Street – With Hazards; Expert/Attorney Communications. In *Proceedings of the Human Factors and Ergonomics Society 48th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, 1129-1130.

Vredenburgh, A. (2000) Get Ready to be Challenged: How to prepare for the qualification process. *Forvm*, 16(2), 5. Reprinted in *Council of Technical Groups Digest*, 3(I) March 2001.

Noy, I., Vredenburgh, A., Hornick, R., Mortimer, R., Olsen, R., Thompson, D., Ryan, P., Savaglio, B., & Spangler, J. (2000). Mock Trial: Human factors contributions to litigation involving adaptive cruise control. In *Proceedings of the XIVth Triennial Congress of the International Ergonomics Association and 44th Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society, 6-398 – 6-401.

Zackowitz, I., Cohen, H., & Vredenburgh, A. (1998). Operationally defining a legal term for forensic human factors. In *Proceedings of the Silicon Valley Ergonomics Conference*, Palo Alto, CA, 185-189.

Vredenburgh, A., Cohen, H.H., Hornick, R., Laughery, K., Leonard, D., Olsen, R., Smith, L., Thompson, D., Wogalter, M., & Zackowitz, I. (1997). Mock trial: How human factors experts contribute to civil litigation. Case 1: A pedestrian's encounter with a tripping hazard. In *Proceedings of the 41st Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society, (1) 524-528.

Vredenburgh, A., Cohen, H.H., Hornick, R., Laughery, K., Leonard, D., Olsen, R., Smith, L., Thompson, D., Wogalter, M., & Zackowitz, I. (1997). Mock trial: How human factors experts contribute to civil litigation. Case 2: Adequacy of warning systems to address product hazards. In *Proceedings of the 41st Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society, (1) 524-528.

Vredenburgh, A.G., Zackowitz, I.B., & Cohen, H.H. (1996). Comparative risk perception of common activities: A forensic perspective. In *Proceedings of the 41st Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society, (1), 520-524.

Age-related Factors

Zackowitz, I.B., & Vredenburgh, A.G. (2005). Preschoolers, adolescents and seniors: Agerelated factors that pertain to forensic human factors analyses. In Y.I. Noy & W. Karwowski (Eds.), *Handbook of Human Factors in Litigation*. Chapter 35. Boca Raton, FL: CRC Press, 35-1 – 35-11.

Zackowitz, I.B., & Vredenburgh, A.G. (2002). Applying a forensic human factors engineering analysis to falls in elderly people. In *Proceedings of the 54th Annual Meeting of the American Academy of Forensic Sciences*, Atlanta, GA, 96-97.

Vredenburgh, A.G., & Zackowitz, I.B. (1998). Older drivers: A forensic human factors analysis. (Summary). In *Proceedings of the 50th Annual Meeting of the American Academy of Forensic Sciences*, San Francisco, CA, 91-92.

Transportation Safety

Wogalter, M.S. Laughery, K.R., Vredenburgh, A.G., Deppa, S.W., Lueder, R. & Zackowitz, I.B. (2014). Child Injury: Forensic human factors points to the need for better product designs and warnings. *Proceedings of the Human Factors and Ergonomics Society 58th Annual Meeting*, Santa Monica, CA: Human Factors and Ergonomics Society, 58:1864-1868.

Vredenburgh, A.G., & Vanderpol, E. (2014). Case Study: A Novice Unlicensed Child Operator of a Motorized Dirt Bike Versus an Ambulance Driver. *Proceedings of the Human Factors and Ergonomics Society* 58th Annual Meeting, Santa Monica, CA: Human Factors and Ergonomics Society, 58:554-558.

Vredenburgh, A.G., & Zackowitz, I.B. (2011). Research in Motion: A Case Study Evaluating the Accessibility of Public Transit in our Nation's Capital. In *Proceedings of the Human Factors and Ergonomics Society 55th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, 584-588.

Noy, I., Vredenburgh, A., Hornick, R., Mortimer, R., Olsen, R., Thompson, D., Ryan, P., Savaglio, B., & Spangler, J. (2000). Mock Trial: Human factors contributions to litigation involving adaptive cruise control. In *Proceedings of the XIVth Triennial Congress of the International Ergonomics Association and 44th Annual Meeting of the Human Factors and Ergonomics Society.* Santa Monica, CA: Human Factors and Ergonomics Society, 6-398 – 6-401.

Vredenburgh, A.G., & Zackowitz, I.B. (1998). Older drivers: A forensic human factors analysis. (Summary). In *Proceedings of the 50th Annual Meeting of the American Academy of Forensic Sciences*, Colorado Springs, CO: American Academy of Forensic Sciences, 91-92.

Vredenburgh, A.G., Andressen, B., & Cohen, H.H. (1996). The development and testing of a device to enhance motorcycle conspicuity and reduce accident. In *Proceedings of the 48th Annual Meeting of the American Academy of Forensic Sciences*, Nashville, TN, 74.

Vredenburgh, A.G., & Plourd, S. (1996). The development of a time-distance factor for car accident reconstruction. In *Proceedings of the 48th Annual Meeting of the American Academy of Forensic Sciences*, Nashville, TN, 73-74.

Vredenburgh, A.G., & Cohen, H.H. (1995). Enhanced motorcycle conspicuity through daytime use of the Motorcycle Conspicuity Enhancement System (MCES). In *Proceedings of the 39th Annual Meeting of the Human Factors and Ergonomics Society*. Santa Monica, CA: Human Factors and Ergonomics Society, (2), 1048-1052.

Vredenburgh, A.G., Plourd, S., Saifer, A.G., & Cohen, H.H. (1994). Collision Causation: Time attention is directed away from traffic in front of vehicle while preparing for a lane change. In *Proceedings of the 12th Triennial Congress of the International Ergonomics Association Congress*, Vol. 6. Toronto: Human Factors Association of Canada, 252-254.