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Dr. Doris Aharoni is a Senior Scientist at Guidance Engineering and Applied Research. Dr. Aharoni addresses issues related to human learning and performance, accident analysis and prevention, reaction time, and training. In addition, she focuses on issues related to biomechanics, the evaluation of safety information, instructions, warnings, and labeling. Dr. Aharoni has conducted numerous accident risk analyses using a variety of injury and accident databases.

Prior to joining Guidance Engineering, Dr. Aharoni was a research scientist at Human Performance Research and a Senior Scientist in the Human Factors Practice at Exponent Failure Analysis Associates.

Academic Credentials

Ph.D., Cognitive Psychology and Human Factors, University of California, Los Angeles, 2003 M.A., Cognitive Psychology, University of California, Los Angeles, 1999 B.A., Psychology, University of Nevada, Las Vegas, 1996

Publications

Droll JA, Kubose T, Huang S, <u>Aharoni DT</u>, Young D. An analysis of low-speed pedestrian crashes involving electric-powered and combustion-powered vehicles. Proceedings, Human Factors and Ergonomics Society 53rd Annual Meeting, 2009.

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<u>Trachtman D</u>, Lane CA, Young DE, Wu WFW. Control system analysis in power plants: A human performance perspective. Proceedings, 8th Annual International Conference on Industrial Engineering—Theory, Applications and Practice, Las Vegas, NV, November 10–12, 2003.



Lane C, <u>Trachtman D</u>, Cohen W, Dubey A. Human control processes in slip, trip, and fall accidents. Proceedings, 8th Annual International Conference on Industrial Engineering—Theory, Applications and Practice, Las Vegas, NV, November 10–12, 2003.

Young DE, Schmidt RA, Ayres TJ, <u>Trachtman D</u>. Risk and driver behavior with adjustable pedals. 45th Annual Meeting of the Human Factors and Ergonomics Society, Minneapolis, MN, October 8–12, 2001.

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