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Curriculum Vitae

Education

- Ph.D., Psychology, University of Colorado, 1976
- M.A., Psychology, University of Colorado, 1973
- B.A., Psychology, Florida State University, 1971

Research Interests

- Judgment, Decision, and Collaborative Processes, Decision Support Systems, Cognitive Engineering, and System Evaluation

Books

- Adelman, L., & Riedel, S.L. (1997). *Handbook for Evaluating Knowledge-Based Systems: Conceptual Framework and Compendium of Methods*. Norwell, MA: Kluwer Academic
- Andriole, S.J. & Adelman, L. (1995). *Cognitive Systems Engineering for User-Computer Interface Design, Prototyping, and Evaluation*. Hillsdale, NJ: Lawrence Erlbaum Associates
- Adelman, L. (1992). *Evaluating Decision Support and Expert Systems*. New York: Wiley.

Journal Articles & Book Chapters (last 10 years)

- Adelman, L., Lehner, P.E., Cheikes, B.A., & Taylor, M.F. (in press). An empirical evaluation of structured argumentation using the Toulmin argument formalism. *IEEE Transactions on Systems, Man, and Cybernetics --Part A: Systems and Humans*.
- Adelman, L., Yeo, C., & Miller, S.L. (2006). Understanding the effects of computer displays and time pressure on the performance of distributed teams. A. Kirlick (Ed.), *Adaptive Perspectives on Human-Technology Interaction*. New York: Oxford University Press, pp. 43-54.
- Adelman, L., Miller, S.L., & Yeo, C. (2004). Testing the effectiveness of icons in supporting distributed team decision making under time pressure. *IEEE Transactions on Systems, Man, and Cybernetics – Part A: Systems and Humans*, 34(2), 179-189.
- Adelman, L., Miller, S.L., Henderson, D., & Schoelles, M. (2003). Using Brunswikian theory and a longitudinal design to study how hierarchical teams adapt to increasing levels of time pressure. *Acta Psychologica*, 112 (2), 181-206.
- Jedetski, J., Adelman, L., & Yeo, C. (2002). The effect of website decision technology on consumer decision strategies: An experiment. *IEEE Internet Computing*. 6(2), 72-79.

- Adelman, L. (2001). Choice theory. In S. Gass and C. Harris (Eds.), *Encyclopedia of Operations Research and Management Science* (2nd ed.). Norwell, MA: Kluwer Academic Publishers, pp. 87-90.
- Adelman, L., Henderson, E.D., & Miller, S. L. (2001). Vicarious functioning in teams. In K.R. Hammond and T.R. Stewart (Eds.), *The Essential Brunswik: Beginnings, Explications, and Applications*. New York: Oxford University Press, pp. 416-423.
- Adelman, L., Christian, M., Gualtieri, J., & Bresnick, T.A. (1998). Examining the effects of communication training and team composition on the decision making of Patriot air defense teams. *IEEE Transactions on Systems, Man, and Cybernetics-Part A: Systems and Humans*, 28, 729-741.
- Adelman, L., Christian, M., Gualtieri, J., & Johnson, K. (1998). Examining the effects of cognitive consistency between training and displays. *IEEE Transactions on Systems, Man, and Cybernetics, Part A: Systems and Humans*, 28, 1-16.
- Adelman, L., Bresnick, T.A., Christian, M. Gualtieri, J., & Minionis, D. (1997). Demonstrating the effect of context on order effects for an Army air defense task using the Patriot simulator. *Journal of Behavioral Decision Making*, 10, 327-342.
- Adelman, L., Bresnick, T.A., Black, P.K., Marvin, F.F., & Sak, S.G. (1996). Research with Patriot air defense officers: Examining information order effects. *Human Factors*, 38, 250-261.

Professional Awards

- Elected Senior Member of IEEE
- Research Grants: U.S. Air Force Office of Scientific Research, U.S. Army Research Institute, U.S. Office of Naval Research, and National Science Foundation