

**Graduate Student Publications**  
(Includes Peer Reviewed Papers, Chapters, Proceedings, & Published Abstracts)  
Department of Psychology, Clemson University  
(Graduate student authors are underlined)

2011:

- Bass, B., Fink, N., Price, M., Sturre, L., Hentschel, E., & Pak, R. (2011). How does anthropomorphism affect user's trust, compliance, and performance on a decision making automation task? *Proceedings of the Human Factors and Ergonomics Society 55th Annual Meeting*. Las Vegas, NV: Human Factors and Ergonomics Society.
- Britt, T. W., Bennett, E. A., Crabtree, M., Haugh, C., Oliver, K., McFadden, A., & Pury, C. L. S. (2011). The theory of planned behavior and reserve component veteran treatment seeking. *Military Psychology, 23*(1), 82-96.
- Britt, T.W., Pusilo, C., McKibben, E.S., Kelley, C., Baker, A.N., & Nielson, K.A. (2011). Personality and strength-related attitude dimensions: Between and within-person relationships. *Journal of Research in Personality, 45*, 586-596.
- Dong, Y., Hoover, A., Scisco, J., & Muth, E. (2011). Detecting eating using a wrist mounted device during normal daily activities. *Proceedings of the International Conference on Embedded Systems and Applications*.
- Gosnell, C.S., Britt, T.W., & McKibben, E. S. (2011). Self-presentation in everyday life: Effort, closeness, and satisfaction. *Self and Identity, 10*, 18-31.
- McIntyre, S. E., Gugerty, L., & Duchowski, A. (2011). Brake lamp detection in complex and dynamic environments: Recognizing limitations of visual attention and perception. *Accident Analysis and Prevention*.
- Mendel, J., Pak, R., & Drum, J. E. (2011). Designing for Consistency: Can Interface Consistency Reduce Workload in Dual-task Situations? *Proceedings of the Human Factors and Ergonomics Society 55th Annual Meeting*. Las Vegas, NV: Human Factors and Ergonomics Society.
- Moss, J. D., Austin, J., Salley, J. N., Coats, J., Williams, K., & Muth, E. R. (2011). The effects of display delay while wearing a head-mounted display. *Displays, 32*(4), 159-168.
- Moss J. D. & Muth E. R. (2011). Characteristics of head-mounted displays and their effects on simulator sickness. *Human Factors, 53*, 308-319.
- Napieralski, P. E., Altenhoff, B. M., Bertrand, J. W., Long, L. O., Babu, S. perception in real and virtual environments using both verbal and action responses. *ACM Transactions on Applied Perception, 8*(3).
- Pak, R., Fink, N., Price, M., & Battisto, D. (2011). *Two case studies in human factors and healthcare.* In M. Ziefle & C. Rocker (Eds.), *Human Centered Design of E-Health Technologies* (272-295). Hershey: IGI Global.
- Pilcher, J. J., Vander Wood, M. A., & O'Connell, K. L. (2011). The effects of extended work under sleep deprivation conditions on team-based performance. *Ergonomics, 54*(7), 587-596.
- Scisco, J. L., Muth, E. R., Dong, Y., & Hoover, A. W. (2011). Slowing bite-rate reduces energy intake: An application of the bite counter device. *Journal of the American Dietetic Association, 111*(8), 1231-1235.

Scisco, J. L., Muth, E. R., Dong, Y., Hoover, A. W., O'Neil, P. M., & Fishel-Brown, S. R. (2011). Usability and acceptability of the "bite counter" device. *Proceedings of the Human Factors and Ergonomics Society 55th Annual Meeting*.

Stephens, B. R., Rivchun, A. P., & Klein, N. D. (2011). Structural Measures of Intern ePortfolios in a NSF-funded REU Summer Program in Applied Psychology. *Proceedings of the Human Factors and Ergonomics Society 55th Annual Meeting*, Las Vegas, NV: Human Factors & Ergonomics Society.

Thomas, J. T., Britt, T. W., Odle-Dusseau, H. N., & Bliese, P. D. (2011). Dispositional optimism as a two-way buffer for Iraq War veterans' symptoms and work impairment. *Journal of Clinical Psychology*, 67, 866-880.

## 2010:

Britt, T.W., McKibben, E.S. Greene-Shortridge, T.M., Beeco, A., Bodine, A. Calcaterra, J., Evers, T., McNab, J., & West, A. (2010). Self engagement as a predictor of performance and emotional reactions to performance outcomes. *British Journal of Social Psychology*, 49, 237-257.

Brooks, J., Goodenough, R., Crisler, M., Klein, N., Alley, R., Koon, B., Logan, W., Ogle, J., Tyrrell, R., and Wills, R. (2010). *Simulator sickness during driving simulation studies. Accident Analysis and Prevention*, 42, 788-796.

Fink, N., Pak, R., Bass, B., Johnston, M., & Battisto, D. (2010) A Survey of nurses' self-reported prospective memory tasks: What must they remember and what do they forget? *Proceedings of the Human Factors and Ergonomics Society 54th Annual Human Factors and Ergonomics Society Meeting*. San Francisco, CA.

Fink, N., Pak, R., & Battisto, D. (2010). Developing a usability evaluation tool to assess the patient room bathroom. *Health Environments Research and Design Journal*, 22-41.

Gomer, J. A., & Pagano, C.C. (2010). NASA Task Load Index (NASA-TLX) for Workload Measurement in Human-Robot Interaction (HRI). *Proceedings of the International Test and Evaluation Association's 2010 Technology review Conference*, Charleston, SC, July 20-22, 2010

Long, L. O., Gomer, J. A., Moore, K. S., & Pagano, C. C. (2009). Investigating the Relationship between Visual Spatial Abilities and Robot Operation during Direct Line of Sight and Teleoperation. *Proceedings of the 53rd Annual Meeting of the Human Factors and Ergonomics Society*, San Antonio, TX, October 2009, p1438-1441.

McClelland, L. E., Pilcher, J. J., & Moore, D. D. (2010). Oculomotor measures as predictors of performance under sleep deprivation conditions. *Aviation, Space and Environmental Medicine*, 81, 833-842.

Mendel, J., Mayhorn, C. B., West, R. T., Hardee, J. B., & Pak, R. (2010). The Effect of Warning Design and Personalization on User Compliance in Computer Security Dialogs. *Proceedings of the Human Factors and Ergonomics Society 54th Annual Meeting*. San Francisco, CA: Human Factors and Ergonomics Society.

Moss, J.D., Muth, E.R., Tyrrell, R.A., & Stephens, B.R. (2010). Perceptual thresholds for visual lag: Effects of field of view and psychophysical technique. *Displays*, 31, 143-149.

- Murphy, H.A., Duchowski, A.T., & Tyrrell, R.A. (2009). Hybrid image/model-based gaze-contingent rendering. *Association for Computing Machinery Transactions on Applied Perception*, 5(4), 1-21.
- Odle-Dusseau, H. N., \*Bradley, J. L., & Pilcher, J. J. (2010). Subjective perceptions of the effects of sustained performance under sleep-deprivation conditions. *Chronobiology International*, 27(2), 318-333.
- Pilcher, J. J., Gillispie, S. K., Allen, K., Deacy, K. A., & Burns, S. K. (2010). Sex differences in visuospatial abilities under sleep deprivation conditions [Abstract]. *Sleep*, 33 (Suppl.), A93.
- Pilcher, J. J., Gillispie, S. K., & Beck N. (2010). Effects of sleep deprivation on critical thinking in first and second language speakers [Abstract]. *Sleep*, 33 (Suppl.), A103.
- Scisco, J., Haack, L., & Britt, T.W., & Muth, E. (2010). The effect of parental divorce on discomfort and cardiac activity in response to public displays of affection in college females. *The Journal of Divorce and Remarriage*, 51(4), 221-237.
- Sinclair, R. R., Martin, J. E., & Sears, L. E. (2010). Labor unions and safety climate: Perceived union safety values and retail employee safety outcomes. *Accident Analysis and Prevention*. 42, 1477-1487
- Sinclair, R. R., Sears, L. E., Probst, T., & Zajack, M. (2010). A multilevel model of economic stress and employee well-being. In J. Houdmont & S. Leka (Eds.). *Contemporary Occupational Health Psychology: Global Perspectives on Research and Practice*. Wiley-Blackwell.
- Skinner, A., Berka, C., Long, L., & Sebrechts, M. (2010) Impact of virtual environment fidelity on behavioral and neurophysiological response. *Proceedings of the 2010 Interservice/Industry Training, Simulation, and Education (IITSEC) Conference*, Orlando, Florida.
- Walker A., Muth E.R., Switzer F.S., & Hoover A.W. (2010). The role of head movements in simulator sickness generated by a virtual environment. *Aviation, Space and Environmental Medicine*, 81, 929-934
- Wang, M., Sinclair, R. R., & Deese, M. N. (2010). Understanding the causes of destructive leadership: A dual process model. In T. Hansbrough & B. Schyns (Eds.). *When leadership goes wrong: Destructive leadership, mistakes and ethical failures* (pp. 73-97). Charlotte, NC: Information Age Publishing.
- 2009:
- Battisto, D. B., Pak, R., Vander Wood, M. A., & Pilcher, J. J. (2009). Using a task analysis to describe nursing work in acute care patient environments. *Journal of Nursing Administration*, 39(12), 537-547.
- Brooks, J., Ogle, J., Klein, N., Crisler, M., Guirl, C., Mossey, M., et al. (2009). An assessment of the traffic speeds and volumes on the inner campus of Clemson University. *Campus Law Enforcement Journal*, 39(5), 23-27.
- Elkins AN, Muth ER, Hoover AW, Walker AD, Carpenter TL & Switzer FS (2009). Physiological compliance and team performance. *Applied Ergonomics*, 40, 997-1003.
- Gomer, J.A., Dash, C., Moore, K.S. & Pagano, C.C. (2009). Using radial outflow to provide depth information during teleoperation. *Presence: Teleoperators & Virtual Environments*, 18(4), 304-320.

- Horvath, M., Wasko, L.E., & Bradley, J.L. (2008). The effect of formal mentoring program characteristics on organizational attraction. *Human Resource Development Quarterly*, 19, 323-350.
- Long, L., Gomer, J., Moore, K., & Pagano, C. (2009). *Investigating the relationship between visuospatial abilities and robot operation during direct line of sight and teleoperation*. In Human Factors and Ergonomics Society Annual Meeting Proceedings.
- McIntyre, S. E. (2009). *Capturing attention to brake lamps in a single fixation*. Proceedings of the 53<sup>rd</sup> Annual Meeting of the Human Factors and Ergonomics Society.
- McKibben, E.S., Britt, T.W., Castro, C.A., & Hoge, C. W. (2009). Receipt and rated adequacy of stress management training are related to PTSD and other outcomes among Operation Iraqi Freedom veterans. *Military Psychology*, 21, S68-S81.
- Moore, K.M., Gomer, J.A., Pagano, C.C., & Moore, D.D. (2009). Perception of robot passability during direct line of sight and teleoperation. *Human Factors*, 51(4), 557-570.
- Pak, R., Price, M. M., & Thatcher, J. (2009). Age-sensitive design of online health information. *Journal of Medical Internet Research*, 11(4).
- Payne, S. C., Horner, M. T., Boswell, W. R., Schroeder, A. N., & Stine-Cheyne, K. J. (2009). Comparison of online and traditional performance evaluation systems. *Journal of Managerial Psychology*, 24, 526-544.
- Price, M. M., Pak, R., Müller, H., Stronge, A., & Breedlove, J. (2009). Examining non-critical health information seeking: A needs analysis for personal health records. *Proceedings of the Human Factors and Ergonomics Society*, 53, 1674-1678.
- Rosopa, P. J., & Schroeder, A. N. (2009). Core self evaluations and cognitive ability interact in predicting academic achievement, *Journal of Personality and Individual Differences*, 47, 1003-1006.
- Schatz, A., Alamar, B., Barnwell, B., Carroll, W., Connelly, B., Farrar, D., Freneau B., Macey, N., McCormick, S., Moore, B., Tanier, M., Verhei, V., Weintraub, R., & Zajack, M. (2009). *Football Outsiders Almanac 2009: The Essential Guide to the 2009 NFL and College Football Seasons*, Schatz, A. (Ed.), Football Outsiders, Inc.
- Wakeland, W., Sears, L. E., & Venkat, K. (2009). Measuring the effects of a food carbon Footprint Training on Consumer Knowledge, Attitudes, and Behavioral Intentions. *Sustainability: Journal of Record*, 2, 45-52.
- Wakeland, W., Sears, L. E., & Venkat, K. (2009). Measuring the effects of a food carbon footprint training on consumer knowledge, attitudes, and behavioral intentions. *Sustainability: Journal of Record*, 2, 45-52.
- Walker, A.D., Carpenter, T.L., Moss, J.D., Switzer, F.S., Hoover, A.W., & Muth, E.R. (2009). *The evaluation of virtual environment training for a building clearing task*. Proceedings of the Human Factors and Ergonomics Society 53<sup>rd</sup> Annual Meeting, San Antonio, TX.
- Walker, A. D., Muth, E. R., Odle-Dusseau, H. N., Moore, D., & Pilcher, J. J. (2009). The effects of 28 hours of sleep deprivation on respiratory sinus arrhythmia tasks with low and high controlled attention demands. *Psychophysiology*, 46, 217-224.

Walker, A.D., Owens, J.M., & Muth, E.R. (2009). Major causes of spatial disorientation and the role of visual training systems: A survey of experts. *International Journal of Professional Aviation Training & Testing Research*, 3(1).

Wasko, L. & Pury, C. L. S. (2009). Affective forecasting. In S. J. Lopez, ed. *The Encyclopedia of Positive Psychology*, Vol. 1. Oxford, UK: Wiley-Blackwell, pp. 24-26.

West, R. T., Mayhorn, C.B., Hardee, J. B., & Mendel, J. (2009). The weakest link: A human factors perspective on user-security interaction. M. Gupta & R. Sharman (Eds.), *Social and Human Elements of Information Security: Emerging Trends and Countermeasures*. Idea Group, Inc.

## **2008:**

Balk, S.A., Tyrrell, R.A., Brooks, J.O., Carpenter, T.L. (2008). Highlighting Human Form and Motion Information Enhances the Conspicuity of Pedestrians at Night. *Perception*, 37, 1276-1284.

Britt, T.W., Greene-Shortridge, T.M., Brink, S., Nguyen, Q.B., Rath, J. Cox, A.L., Hoge, C.W., & Castro, C.A. (2008). Perceived stigma and barriers to care for psychological treatment: Implications for reactions to stressors in different contexts. *Journal of Social and Clinical Psychology*, 27, 317-335.

Britt, T.W., Millard, M. R., Sundareswaran, P.T., & Moore, D. (2009). Personality variables predict strength-related attitude dimensions across objects. *Journal of Personality*, 77, 859-882.

Crisler, M., Davenport, B. & Duchowski, A.T. (2008). Aurally Aided Visual Search with Musical Stimuli - An Eye-Tracking Analysis. Paper presented at the 52<sup>nd</sup> Annual Meeting of the Human Factors and Ergonomics Society, New York, NY, September, 2008. Published in *The Proceedings of the Human Factors and Ergonomics Society 52<sup>nd</sup> Annual Meeting*, 1810-1814, New York, NY.

Crisler, M., & Tyrrell, R.A. (2008). Using Music in Spatial Audio Displays: Localization Ability with Complex Sounds. Paper presented at the 52<sup>nd</sup> Annual Meeting of the Human Factors and Ergonomics Society, New York, NY, September, 2008. Published in *Proceedings of the Human Factors and Ergonomics Society 52<sup>nd</sup> Annual Meeting*, 1175-1179, New York, NY.

Gomer, J. A. & Pagano, C. C. (2008). Using Radial Outflow to Improve Depth Perception During Teleoperation. Paper presented at the Sixth Annual Meeting of the Society for Human Performance in Extreme Environments, New York, NY, September, 2008. Published in *The Proceedings of the Sixth Annual Meeting of the Society for Human Performance in Extreme Environments*, 25-32, New York, NY.

Gomer, J., Walker, A., Gilles, F., & Duchowski, A. (2008). Eye-tracking in a Dual-task Design: Investigating Eye-movements, Mental Workload, & Performance. Poster presented at the 52<sup>nd</sup> Annual Meeting of the Human Factors and Ergonomics Society, New York, NY, September, 2008. Published in *The Proceedings of the Human Factors and Ergonomics Society 52<sup>nd</sup> Annual Meeting*, 1589-1593, New York, NY.

Herleman, H.A., Britt, T.W., & Hashima, P. (2008). Ibasho and the adjustment, satisfaction, and well-being of expatriate spouses. *International Journal of Intercultural Relations*, 32, 282-299.

- McClelland, L.E., & McCubbin, J.A. (2008). Social influence and pain response in men and women. *Journal of Behavioral Medicine, 31*(5), 413-420.
- Mitchell, K. B., Gugerty, L. & Muth, E. (2008). Effects of brief training on use of automated external defibrillators by people without medical expertise. *Human Factors, 50*(2), 301-310.
- Moss, J. D., Scisco, J. L., & Muth, E. R. (2008). Simulator sickness during head mounted display (HMD) of real world video captured scenes. *Proceedings of the Human Factors and Ergonomics Society, 52nd Annual Meeting*, New York, NY, pp. 1631-1634.
- Moss, J.D., Walker, A.D., Phillips, J.B., & Muth, E.R. (2008). Assessment of workload during an aviator selection test battery. *Proceedings of the 7th International Conference on Psychophysiology in Ergonomics* , 7.
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- Pak, R., & Price, M. M. (2008). Designing an information search interface for younger and older adults. *Human Factors, 50*, 614-628.
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- Scisco, J. L., Leynes, P. A., & Kang, J. (2008). Cardiovascular fitness and executive control during task-switching: An ERP study. *International Journal of Psychophysiology, 69*(1), 52-60.
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- Wobbrock, J. O., Rubinstein, J., Sawyer, M., & Duchowski, A. T. (2008, March 26-28). Longitudinal Evaluation of Discrete Consecutive Gaze Gestures for Text Entry. In *Eye Tracking Research & Applications (ETRA)*. Savannah, GA.
- 2007:
- Britt, T.W., Dickinson, J.M., Moore, D.M., Castro, C.A., & Adler, A.B. (2007). Correlates and consequences of morale versus depression under stressful conditions. *Journal of Occupational Health Psychology, 12*, 34-47.
- Britt, T.W., Dickinson, J.M., Greene, T.M., & McKibben, E.S. (2007). Self-engagement at work. In C.L. Cooper and D. Nelson (Eds.), *Positive organizational behavior* (pp. 143-158). Sage Publications: Thousand Oaks, CA.
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- Elkins, A.N., Walker, A.D., Carpenter, T.L., Moss, J.D., Lowe, K.L., Epton, T.W., Hoover, A.W. & Muth, E.R. (2007) Physiological compliance and

- team performance during the highly dynamic task of building clearing. *Psychophysiology*, 44 (Suppl. 1), S63 (abstract).
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- Greene-Shortridge, T. M., & Britt, T. W. (2008). Leadership. In S. Lopez (Ed.), *The Encyclopedia of Positive Psychology*. Oxford, England:Blackwell Publishing.
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- McClelland, L. E., & Pilcher, J. J. (2007). Assessing subjective sleepiness during a night of sleep deprivation: Examining the internal state and behavioral dimensions of sleepiness. *Behavioral Medicine*, 33(1), 17-26.
- Moore, K. S., Gomer, J. A., Butler, S. N., & Pagano, C. C. (2007). Perception of Robot Passability and Aperture Width during Direct Line of Sight and Teleoperation Conditions. *Proceeding of the 51st Annual Meeting of the Human Factors and Ergonomics Society*, Baltimore, MD, October, 2007 (pp. 1076-1080).
- Moss, J.D., Walker, A., Carpenter, T.L., & Muth, E.R. (2007). Presence and simulator sickness in two virtual environment systems. *Aviation, Space, and Environmental Medicine*, 78(3), 238.
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- Muth, E.R., & Elkins A.N. (2007). High dose Ondansetron for reducing motion sickness in highly susceptible subjects. *Aviation, Space and Environmental Medicine*, 78, 686-692.
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- Pautz, S., Price, M. & Pak, R. (2007). Accommodating age-related differences in a computer-based information search task. *Proceedings of the Human Factors and Ergonomics Society 51st Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society.
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