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Fully Reviewed Papers

Wu, X., Bertrand, J., Armstrong, R., Roy, T., Ebrahimi, E., **Dukes, L. C.**, Daily, S., Luo, J., Fasolino, T., Hodges, L. F., and Babu, S. (2014) Effects of Virtual Human Animation on Emotion Contagion in Simulated Inter-Personal Experiences. To appear in Proceedings of *IEEE Virtual Reality 2014* (IEEE VR 2014), March 29-April 2, 2014, Minneapolis, MI.

Pence, T. B., **Dukes, L.C.**, Hodges, L.F., Meehan, N. and A. Johnson. (2013) The Effects of Interaction and Visual Fidelity on Learning Outcomes for a Virtual Pediatric Patient System. In Proceedings of *International Conference on Healthcare Informatics 2013* (ICHI 2013), September 9-12, 2013, Philadelphia, PA, pp. 209-218. Acceptance rate: 30%.

Dukes, L.C., Bertrand, J., Gupta, M., Armstrong, R., Fasolino, T., Babu, S., and Hodges, L.F. Empirical Evaluation of Traditional vs. Hybrid Interaction Metaphors in a Multitask Healthcare Simulation. In Proceedings of International Conference on Healthcare Informatics 2013 (ICHI 2013), September 9-12, 2013, Philadelphia, PA, pp. 89-98. Acceptance rate: 30%. **Best paper award.**

Dukes L. C., Pence, T. B., Hodges, L. F., Meehan, N., Johnson, A. (2013) SIDNIE: Scaffolded Interviews Developed by Nurses in Education. In Proceedings of *Intelligent User Interfaces 2013* (IUI 2013), Santa Monica, CA, March 19-22, 2013, pp. 395-406. Acceptance rate: 22%.

Dukes, L.C., Banic, A. U., McClendon, J., Pence, T. B., Mathieson, J., Summers, J., Hodges, L.F. (2013) Evaluation of System-Directed Multimodal Systems for Vehicle Inspection. *Journal of Computing and Information Science in Engineering* 13.1 (2013), pp. 011002-1 - 011002-9.

Cairco, L., Ulinski, A., McClendon, J., Bloodworth, T., Mathieson, J., Hodges, L.F., and Summers, J. (2010) Interface Design and Display Modalities to Improve the Vehicle Inspection Process. In Proceedings of *ASME 2010 World Conference on Innovative Virtual Reality* (Ames, IA, May 12-14, 2010), WINVR2010, pp. 275-284.

Wahid, S., Branham, S., **Cairco, L.**, McCrickard, D.S., and Harrison, S. (2009) Picking Up Artifacts: Storyboarding as a Gateway to Reuse. In Proceedings of *Interact 2009: The 12th IFIP Conference on Human-Computer Interaction* (Uppsala, Sweden, August 24-28, 2009), pp. 528-541. Acceptance rate: 29%.

Cairco, L., Wilson, D.M., Fowler, V., LeBlanc, M. (2009) Avari: Animated Virtual Agent Retrieving Information. In Proceedings of the 47th ACM Southeast Conference (Clemson, SC, USA, March 19-21, 2009). ACMSE '09.

Dahlberg, T., Barnes, T., Rorrer, A., Powell, E., and **Cairco, L.** (2008) Improving retention and graduate recruitment through immersive research experiences for undergraduates. In Proceedings of the 39th *SIGCSE Technical Symposium on Computer Science Education* (Portland, OR, USA, March 12 - 15, 2008). SIGCSE '08. ACM, New York, NY, pp. 466-470.

Posters

Dukes, L.C., Hodges, L. F. (2014). Poster: Development of a Scenario Generation Tool for Scaffolded Virtual Patients. To appear in Proceedings of *IEEE Virtual Reality 2014* (IEEE VR 2014), March 29-April 2, 2014, Minneapolis, MI.

Jones, J. A., **Dukes, L. C.**, Bolas, M. (2014) Poster: Automated Calibration of Display Characteristics (ACDC) for Head-Mounted Display and Arbitrary Surfaces. To appear in Proceedings of *IEEE Virtual Reality 2014* (IEEE VR 2014), March 29-April 2, 2014, Minneapolis, MI.

Krum, D., Phan, T., **Dukes, L. C.**, Wang, P., Bolas, M. (2014) Poster: Tablet-based Interaction Panels for Immersive Environments. To appear in Proceedings of *IEEE Virtual Reality 2014* (IEEE VR 2014), March 29-April 2, 2014, Minneapolis, MI.

Dukes, L.C., Bertrand, J., Gupta, M., Armstrong, R., Fasolino, T., Babu, S., and Hodges, L.F. (2013) Poster: Comparing Usability of a Single versus Dual Interaction Metaphor in a Multitask Healthcare Simulation. In Proceedings of *IEEE Three Dimensional User Interfaces 2013* (IEEE 3DUI 2013), Orlando, FL, March 16-17, 2013, pp. 133-134.

Cairco, L., and McCrickard, D. S. (2009) Encouraging Design Reuse and Contribution in HCI Storyboarding. In ACM Student Research Competition at SIGCSE (Chattanooga, TN, USA, March 4-7, 2009). SIGCSE '09.

Cairco, L., S. Babu, A. Ulinski, C. Zanbaka, L. F. Hodges (2007). Shakespearean Karaoke. In Proceedings of *ACM Virtual Reality Systems and Technology 2007* (VRST07), Newport Beach, CA, November 5-7, 2007, pp. 239-240.

Presentations & Demos

Bertrand, J.; **Cairco Dukes, L.**; Dukes, P.; Ebrahimi, E.; Hayes, A.; Mack, N.; McClendon, J.; Parmar, D.; Pence, T.B.; Shannon, B.; Wachter, A.; Yanxiang Wu; Babu, S.; Hodges, L.F., (2013). Serious games for training, rehabilitation and workforce development. *IEEE Virtual Reality (VR) 2013*, pp.195,196, 18-20 March 2013.

Dukes, L. (2013) Empirical Evaluation of Traditional vs. Hybrid Interaction Metaphors in a Multitask Healthcare Simulation. Visual Computing Seminar, Clemson University, August 30, 2013.

Dukes, L. (2013) My Summer Internship at ICT. Visual Computing Seminar, Clemson University, October 25, 2013.

Dukes, L. (2012) Research as Community Service. School of Computing Graduate Student Association Tech Talks Series. September 27, 2012.

Cairco, L., Bertrand, J., Gupta, M., Armstrong, R., Babu, S., Hodges, L. F., Fasolino, T. (2012) Towards Simulation Training for Nursing Surveillance. In Proceedings of Carolina Women in Computing 2012 (CWIC 2012). Columbia, SC, February 17-18, 2012.

Bloodworth, T., **Cairco, L.**, McClendon, J., Hodges, L. F., Babu, S., Meehan, N., Johnson, A., and Ulinski, A. C. (2012) Initial Evaluation of a Virtual Pediatric Patient System. In Proceedings of Carolinas Women in Computing (CWIC) 2012. Columbia, SC, February 17-18, 2012.

Cairco, L. (2011) Lessons Learned as a Woman in Computing. Winthrop University, Rock Hill, SC. March 22, 2011.