

CURRICULUM VITAE

KATE E. BRUTON

Contact Information

22210 Chenango Lake Drive

Angleton, TX. 77515

Phone Number: (281) 782-9609

E-mail: kbrut42@gmail.com

EDUCATION

B.S. in Psychology, University of Houston-Clear Lake, December 2008

HONORS AND AWARDS

Phi Kappa Phi, April 2009

Summa Cum Laude, December 2008

Psi Chi, April 2007

Phi Theta Kappa Society, March 2005

RESEARCH EXPERIENCE

Spring 2010—I ran experiments and analyzed data for my group's Research Design and Statistics project.

Fall 2009—I developed the experimental design and protocol of my group's Research Design and Statistics project.

Spring 2009—I worked with Dr. Camille Peres in the RIHM lab on a research project. I acted as an experimenter and did literature reviews for the project.

Fall 2008—I worked with Dr. Camille Peres in the RIHM lab organizing surveys, administering surveys, and preparing the participant pool website to receive participants. I contacted participants when needed.

Summer 2008--I worked with Dr. Kowai-Bell on her Electrodermal Activity study. I proctored the experiment and debriefed participants. I also prepared the participant pool website to receive participants, and I contacted participants when needed.

RESEARCH INTERESTS

Usability and Education; Robotics; Artificial intelligence; Game interfaces.

PRESENTATIONS

Bruton, K., & Peres, S.C. (2010). Surgical robots and HCI. Poster session presented at the Fall 2010 Applied Cognitive Psychology Exhibition, Houston, TX.

Bruton, K. (2010). The Development of a Nature Diorama Game. Presentation at the Spring 2010 Applied Cognitive Psychology Exhibition, Houston, TX.

Bruton, K., Peres, S. C., Hoyle, W., & Nguyen, J. (2010). Effects of anthropomorphism on performance in robotic operation. Poster presented at the Seventh Annual One-Day Symposium of Human Factors and Ergonomics, Houston, TX.

Bruton, K. (2009). Auditory Navigation System. Presentation at the Fall 2009 Applied Cognitive Psychology Exhibition, Houston, TX.

Hoyle, S., Peres, S. C., & Bruton, K. (2010). Usability testing of an interactive statistics website. Poster presented at the Texas Regional HFES Conference, Houston, TX.

Nguyen, V., Powell, C., Peres, S.C., Bruton, K.E., & Muse, L. (2009). Using the keyboard to issue commands: Observing others use efficient techniques effects the weight of costs and benefits. Poster session presented at the National Human Factors and Ergonomics Annual Meeting, San Antonio, TX.

SERVICE ACTIVITIES

Spring 2011

Served as Treasurer for the Human Factors and Ergonomics Society Student Chapter at UHCL.

Fall 2010

Served as Treasurer for the Human Factors and Ergonomics Society Student Chapter at UHCL.

Spring 2010

Served as Fundraising Director for the Human Factors and Ergonomics Society Student Chapter at UHCL.

Fall 2009

Served as Fundraising Director for the Human Factors and Ergonomics Society Student Chapter at UHCL.

Spring 2009

Program Committee and Volunteer for the Human Factors and Ergonomics One-Day Conference in Houston, TX.

Summer 2007

Volunteer for Urban Harvest, a food bank, for approximately three weeks. I helped to maintain the organic garden at Challenger Seven Memorial Park in Webster, Texas.

REFERENCES

Camille Peres, PhD.

Applied Cognitive Psychology

University of Houston-Clear Lake

2700 Bay Area Blvd., Bayou Building, Suite 2617

Houston, TX 77058

E-mail: PeresSC@uhcl.edu

Phone: (281) 283-3412

Stephanie Hart, PhD.

Cognitive Psychology

University of Houston-Clear Lake

2700 Bay Area Blvd., Bayou Building, Suite 1508

Houston, TX 77058

E-mail: hartst@uhcl.edu

Phone: (281) 283-3423

Beth Hentges, Ph.D.

Associate Professor of Psychology

University of Houston—Clear Lake

E-mail: hentges@uhcl.edu