

TRACY SANDERS

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EDUCATION

University of Central Florida **2017 (Expected)**
Doctor of Philosophy
Applied Experimental and Human Factors Psychology

University of Central Florida **2011**
Bachelor of Science
Major: Psychology; Minor: Studio Art

AWARDS

Town and Gown Scholarship **2010-2011**
University of Central Florida

Fine Art Scholarship **2007-2009**
Seminole Community College

RESEARCH EXPERIENCE

Researcher, MIT² Lab | <http://mit.cos.ucf.edu/> **2009-Current**

- RCTA project, focusing on trust in human-robot interaction
- Undergraduate mentoring
- Research development, data collection, reviewing articles, and editing articles for publication

Researcher, Pilot Online Project in Undergraduate Psychology (POPUP) **2009-Current**

- Development and implementation of online experiments and training for undergraduate students

PAPERS PRESENTED

Edwards, E.R., Driskell, L., Sanders, T.L., Schaefer, K.E., & Hancock, P.H. (2012, April) *Physiological Measures May Provide Insight into Measuring Human Trust in Robots*. Paper presented at the 2012 Human Factors and Applied Psychology Student Conference, Embry-Riddle Aeronautical University, Daytona Beach, FL.

PUBLICATIONS

Schaefer, K.E., Sanders, T.L., & Hancock, P.A. (2012, March). *Human-robot trust*. Paper presented at the 2012 Interdisciplinary Conference on Human Performance, Howey-in-the-Hills, FL.

Sanders, T.L., Oleson, K., Billings, D.R., & Chen, J.Y.C. (2011, September). *A model of human-robot trust: Theoretical model development*. Poster session presented at the annual meeting of the Human Factors and Ergonomics Society, Las Vegas, NV.

PUBLICATIONS IN PROGRESS

Sanders, T.L., Llorens, N., Billings, D., Schaefer, K., Hancock, P.A., Driskell, L., & Long, T. (2012, August). *Physiological and behavioral cues: Identifying their potential value in measuring human-robot trust*. Poster submitted to the annual meeting of the American Psychological Association, Orlando, FL.

White, T., Wright, J., Sanders, T.L., Hancock, G., & Sims, V. (2012, August). *Interruptions in short-term memory*. Poster submitted to the annual meeting of the American Psychological Association, Orlando, FL.

Wright, J., Sanders, T.L., Cook, J., & Hancock, P.A. (2012, August). *Identifying the role of attributions in human perception of robots*. Poster submitted to the annual meeting of the American Psychological Association, Orlando, FL.

RESEARCH, EDITING, AND DESIGN

Hancock, P.A. (2012). *Hoax Springs Eternal*. In Progress.

- Research, editing, graphics, and publishing assistance

Hancock, P.A. (2012). *Fragments of Time*. In Progress.

- Research, editing, graphics, and publishing assistance

Hancock, P.A. (2011). *Cognitive differences in the ways men and women perceive the dimension and duration of time: Contrasting Gaia and Chronos*. Lewiston, NY: Edwin Mellen Press.

- Research, editing, graphics, and publishing assistance

TEACHING EXPERIENCE

Teaching Assistant to Dr. Matthew Chin: Research Methods in Psychology **2011-Current**

- Providing instruction for all aspects of Research Methods lab

Teaching Assistant to Dr. Shawn Stafford **2009-2011**

- Assisting in development and administration of new web-based courses in Physiological Psychology, Neuropsychology, and Sensation and Perception, including development of online experiments in the Pilot Online Project for Undergraduate Education

Art Teacher for City of Orlando Community Programs **2003**

- Designed lesson plans, providing and supervising instruction of children (grades K-12) in fine art and art history

PROFESSIONAL EXPERIENCE

Graphic Designer | Try-Foods International **2002-2006**

- Designing printed materials for food marketing programs

Art Director | InnoMax Incorporated (Denver, CO) **1998-2001**

- Managing graphic design and website advertising

Production Artist | TMP Worldwide (Denver, CO) **1996-1998**

- Designing recruitment advertising for print and web

TECHNICAL SKILLS

- Computer skills: SPSS, Microsoft Office, Adobe Design Suite, HTML
- Fine art and graphic design

PROFESSIONAL AFFILIATIONS

Human Factors and Ergonomics Society
American Psychology Association, Division 21

REFERENCES

Peter Hancock, D.Sc, Ph.D.
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University of Central Florida
Department of Psychology
Phone: 407-823-2310
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Deborah Billings, Ph.D.
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Applied Experimental and Human Factors Engineering
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