

CURRICULUM VITAE

KATHERINE E. BRUTON

Contact Information

E-mail: katherine.bruton@hccs.edu

EDUCATION

M.A. in Psychology, Applied Cognitive Psychology Sub-Plan, University of Houston-Clear Lake, December 2012

Thesis: The Effect of Dyadic Learning and Role-Play Exercises on Graduate Student Attitudes Towards Statistics

Advisor: Camille Peres, Ph.D.; Committee Member: Stephanie Hart, Ph.D.

B.S. in Psychology, University of Houston-Clear Lake, December 2008, *Summa Cum Laude*

ACADEMIC POSITIONS

Psychology Instructor – Psychology

Houston Community College – District, Psychology, August 2017 – Present

Adjunct Professor

Houston Community College – Southwest, Psychology, August 2013 – August 2017

COURSES TAUGHT

Houston Community College

Statistical Methods in Psychology

Fall 2013, Spring 2014, Fall 2014, Spring 2015, Fall 2015, Spring 2016, Fall 2016, Spring 2017, Summer II 2017, Fall 2017, Spring 2018, Summer II 2018, Fall 2018, Spring 2019, Summer II 2019, Fall 2019, Spring 2020, Summer II 2020, Fall 2020, Spring 2021, Fall 2021, Spring 2022, Summer I 2022, Fall 2022

General Psychology

Spring 2014, Summer II 2014,
Fall 2014, Spring 2015, Fall 2015,
Fall 2017, Spring 2018, Summer II
2018, Fall 2018, Spring 2019,
Summer I 2019, Summer II 2019,
Fall 2019, Spring 2020, Fall 2020,
Spring 2021, Summer I 2021,
Summer I 2022,

Lifespan Growth and Development

Summer II 2015, Summer I 2016,
Summer II 2016, Fall 2017, Spring
2018, Fall 2018, Spring 2019, Fall
2019, Spring 2020, Summer II
2020, Fall 2020, Spring 2021,
Summer I 2021, Fall 2021, Spring
2022, Fall 2022

TEACHING INTERESTS

Research Design, Statistics, Psychology, Human Development, Human Factors

TEACHING EXPERIENCE

August 2017 – Present

Full-time Faculty at Houston Community College Teaching Statistical Methods in Psychology, General Psychology, and Lifespan Growth and Development

I teach a combination of face-to-face and online sections of General Psychology, Lifespan Growth and Development, and Statistical Methods in Psychology.

I started teaching synchronous online courses in Spring 2020.

August 2013 – August 2017

Adjunct Faculty at Houston Community College Southwest Teaching Statistical Methods in Psychology, General Psychology, and Lifespan Growth and Development

I taught a combination of face-to-face and online sections of General Psychology and Statistical Methods in Psychology.

HONORS AND AWARDS

Nominated for Faculty Teaching Excellence Award, October 2021

National Society of Leadership and Success, December 2011

Phi Kappa Phi, April 2009

Summa Cum Laude, December 2008

Psi Chi, April 2007

Phi Theta Kappa Society, March 2005

PROFESSIONAL ASSOCIATIONS

Human Factors and Ergonomics Society (HFES)

Association for Psychological Science (APS)

American Psychological Association (APA)

Texas Community College Teachers Association (TCCTA)

RESEARCH EXPERIENCE

Spring 2012

I conducted data analyses and assisted in data collection in various projects.

Fall 2011

I ran usability tests on the Online Statistics Education: An Interactive Multimedia Course of Study website. I also assisted in data collection on a project funded by the Office Ergonomics Research Committee (OERC).

Spring 2010

I assisted in running experiments and analyzing data for my group's Research Design and Statistics class project.

Fall 2009

I assisted in developing the experimental design and protocol of my group's Research Design and Statistics class project.

Spring 2009

I worked with Camille Peres, Ph.D. in the RIHM lab. I acted as an experimenter and did literature reviews.

Fall 2008

I worked with Camille Peres, Ph.D. 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 Neneh Kowai-Bell, Ph.D. 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

Statistics Education, Usability, Education, Robotics, and Game Interfaces

PRESENTATIONS

Williamson, L., Hart, K., Burns, S., Schramm, B., Bruton, K. (2021). Meet the Psychology Professionals. Presentation at PSYC Connection event, Meet the Psychology Professionals, in Houston, TX. via WebEx.

Karen, S., Watson, C. Bruton, K., Pasha-Zaidi, N., Greco, J., Cirillo, J., & Moon, J. (2019). Escape Room Game. Presentation at the 2019 PSYC by the Sea Event in Kemah, TX.

Bruton, K. (2018). GRIT: Improving Student Success in College and in Life. Presentation at Psi Beta Meeting in Houston, TX.

Bruton, K. (2018). Hope and Student Success. Presentation at the 2018 PSYC by the Sea Event in Kemah, TX.

Hoyle, S., Peres, S.C., & Bruton, K. (2011). Usability testing of an interactive statistics website. Poster session presented at the 2011 Texas Regional Human Factors & Ergonomics Society Symposium, Houston, TX.

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.

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

Fall 2021

Participated in the Get Psyched Career Fair

Partnered with Psi Kappa on Food Drive

Spring 2021

Participated in the Get Psyched Career Fair

Participated in the Meet the Psychology Professionals Event

Fall 2020

A Way Forward: Healing Racism Conference Committee Member at Houston Community College

Spring 2020

Canvas Coach at Houston Community College

Fall 2019 – Present

Sponsor for the Houston Community College Psi Beta Chapter

Fall 2018 – Present

Instructional Technology/Online Learning Committee Member

Fall 2017 – Present

PSYC 2317 (Statistical Methods in Psychology) Workgroup Member

Fall 2017 – Fall 2019

PSYC Department Escape Room Workgroup Member

Fall 2019

A Way Forward: Healing Racism Conference Committee Member and Volunteer
at Houston Community College

Partnered with Psi Kappa on Food Drive

Fall 2018

Partnered with Psi Kappa on Food Drive

Fall 2018 – Fall 2019

Co-Sponsor for the Houston Community College Psi Beta Chapter

Spring 2017 – Fall 2018

HCC Sub Pay Committee Member

Spring 2016

HCC Psychology Department Psychology Fair Committee Member

Summer 2013 – Fall 2016

Volunteer for the Lake Jackson Historical Society.

Spring 2012

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

Volunteered with Habitat for Humanity in Baytown with the Human Factors and
Ergonomics Society Student Chapter at UHCL.

Served as Team Captain for the Human Factors and Ergonomics Society Student
Chapter at UHCL chili cook-off team.

Fall 2011

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

Spring 2011

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

Volunteered for the 2011 Texas Regional Human Factors and Ergonomics Society
Symposium in Houston, TX.

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.

Volunteered for the Human Factors and Ergonomics Society Seventh Annual One-Day Symposium of Human Factors and Ergonomics in Houston, TX.

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.

REFERENCES

S. Camille Peres, Ph.D.

Environmental and Occupational Health

Texas A&M School of Public Health

212 Adriance Lab Rd., College Station, TX., 77843-1266

Phone: 979-436-9326

E-mail: peres@tamu.edu

Beth Hentges, Ph.D.

Department Chair of Psychology and Associate Professor of Psychology,

College of Human Sciences and Humanities

University of Houston-Clear Lake

2700 Bay Area Blvd., Houston, TX 77058

Phone: 281-283-3308

E-mail: hentges@uhcl.edu