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Education

- 2013-current Ph.D. in Cognitive Neuroscience
Expected 2018
Supervisor: Dr. Charan Ranganath
University of California at Davis, CA
- 2006-2010 B.A. with distinction in Brain, Behavior and Cognitive Sciences and English
Thesis with High Honors: "Multiple memory systems? Serial position dependent false memory effects"
University of Michigan, Ann Arbor, MI

Honors and Awards

- 2013 National Science Foundation Graduate Research Fellowship
- 2011 Boston College Research Expense Grant (\$2,000)
Co-written with Dr. Elizabeth A. Kensinger
- 2009 Hellman Honors Award
- 2008 Tanner Memorial Award

Publications

Zucker, H. R., & Ranganath, C. (2015). Navigating the human hippocampus without a GPS. *Hippocampus*, 25(6), 697–703. <http://doi.org/10.1002/hipo.22447>

Mickley Steinmetz, K.R., Schmidt, K., **Zucker, H.R.**, & Kensinger, E.A. (2012). The effect of emotional arousal and retention delay on subsequent-memory effects. *Cognitive Neuroscience*, 12(3-4), 150-159.

Under Review:

Krendl, A.C., **Zucker, H.R.**, & Kensinger, E.A. Examining the effects of emotion regulation on the ERP response to social stigma.

In Preparation:

Zucker, H.R., Flegal, K.E., Atkins, A.S., & Reuter-Lorenz, P.A. Serial position dependent false memories.

Presentations

Zucker, H.R., Ritchey, M., Ekstrom, A.D., Yonelinas, A.P., & Ranganath, C.R. (2015, March). How the MTL represents spatial and temporal contexts: A high-resolution MRI investigation. Poster presented at Cognitive Neuroscience Society, San Francisco, California.

Zucker, H.R. & Kensinger, E.A. (2013, April). How the neural correlates of recognition memory change over brief delays. Poster presented at Cognitive Neuroscience Society, San Francisco, California.

Ford, J.F., Morris, J.A., **Zucker, H.R.** & Kensinger, E.A. (2013, April). Neural correlates of emotional memory retrieval cross the lifespan. Poster presented at Cognitive Neuroscience Society, San Francisco, California.

Waring, J.D., **Zucker, H.R.**, Deason, R.G., Flannery, S., Budson, A.E., & Kensinger, E. A. (2012, October). The effects of mild cognitive impairment on emotional scene memory. Poster presented at Society for Neuroscience, New Orleans, Louisiana.

Mickely Steinmetz, K.R., Schmidt, K., **Zucker, H.R.**, & Kensinger, E.A. (2012, October). Short- and long-range impacts of encoding activity on memory for arousing and non-arousing information. Poster presented at Society for Neuroscience, New Orleans, Louisiana.

Zucker, H.R., Reuter-Lorenz, P.A., & Kensinger, E.A. (2012, June). Aging and false memories: Comparing effects of item-relatedness and list position. Poster presented at Massachusetts Neuropsychological Society, Boston, Massachusetts.

Zucker, H.R., Reuter-Lorenz, P.A., & Kensinger, E.A. (2012, March). Aging and false memories: Comparing effects of item-relatedness and list position. Poster presented at Cognitive Aging Conference, Atlanta, Georgia.

Zucker, H.R. & Kensinger, E.A. (2011, June). Memory for emotional details, how the middle-aged brain fares. Poster presented at Organization for Human Brain Mapping, Quebec City, Canada.

Zucker, H.R., Sabhapathy, S., Walker, S., Drag, L., & Bieliauskas, L., (2010, April). Alcohol and acumen: Effects of alcohol consumption on cognitive functioning. Poster presented at Midwestern Psychological Association, Chicago, Illinois.

Zucker, H.R., Flegal, K.E., Atkins, A.S., & Reuter-Lorenz, P.A. (2010, April). Distinguishing between memory systems: False memories depend on serial position. Poster presented at Cognitive Neuroscience Society, Montreal, Canada.

Weng, S.J., Lee, J.A., Louro, H., **Zucker, H.**, Fulton, C., Risi, S., C. Lord, Monk, C.S. (2008, May). The neural circuitry of social reward in autism spectrum disorders. Poster presented at International Meeting for Autism Research, London.

Research Experience

2013-present: Dynamic Memory Lab (graduate student)

Human subjects research on memory using fMRI

Department of Psychology, University of California at Davis

Supervisor: Dr. Charan Ranganath

2010-2013: Cognitive and Affective Neuroscience Lab (lab manager)

Human subjects research on memory and emotions in young, middle-aged, and older adults using behavioral and neuroimaging (ERP, fMRI) methods

Department of Psychology, Boston College

Supervisor: Dr. Elizabeth A. Kensinger

2006-2010: Cognitive and Affective Neuropsychology Lab (research assistant 2006-2010; lab manager 2007-2009; honors thesis 2009-2010)

Human subjects research on memory and memory fallibility in young and older adults using behavioral and functional (fMRI) paradigms

Department of Psychology, University of Michigan, Ann Arbor

Supervisor: Dr. Patricia A. Reuter-Lorenz

2008-2009: Veterans Affairs Ann Arbor Healthcare System (research assistant)

Administration of neuropsychological batteries to screen for depression, dementia and other cognitive deficits

Ann Arbor, MI

Supervisor: Dr. Linas Bieliauskas

2008-2010: Altered Brain Function in Chemotherapy for Breast Cancer (research assistant)

Investigating the neural correlates of altered memory and brain function in women with breast cancer

School of Nursing, University of Michigan, Ann Arbor

Supervisor: Dr. Bernadine Cimprich, R.N.

2008: Translational and Developmental Neuroscience Lab (research assistant)

Investigating the neural circuitry of social reward in high-functioning Autism Spectrum Disorder (ASD) adolescents with fMRI

Department of Psychology, University of Michigan, Ann Arbor

Supervisor: Dr. Christopher Monk

Teaching Experience

Event-related potentials: A laboratory methods course (Boston College)

Undergraduate level (15 students)

Laboratory teaching assistant

Winter 2012

Gave lectures, supervised in-class labs, generated and graded exams

Memory in Everyday Life (Boston College)

Undergraduate level (70-120 students depending on semester)

Writing tutor

Fall 2010, 2011, 2012

Held office hours and assisted with writing of weekly response papers and term paper

Guest lecturer

Fall 2011

Mentorship and Service

2014-current

Sacramento Valley Association for Women in Science volunteer

Treasurer 2015- current

2013-current

UC Davis Brain Awareness Week volunteer

Organizer, 2015

2012-2013

Boston College Brain Awareness Week coordinator

2011-2012

Thesis supervisor: Kelley Durham (Boston College)

How stress impacts memory for emotional scenes

2011-2013

Tutor for 826 Boston writing workshop

2010-2012

Reader for Boston Partners Read Aloud

2011-2012

Boston Brain Bee volunteer

2010-2013

APSSC Student Grant Reviewer

2009

University of Michigan Psi Chi Advisory Board

2009

Student representative, University of Michigan
Subject Pool Advisory Committee*Ad hoc reviewer*

Journal of Cognitive Psychology

Professional Memberships

2012-present

Society for Neuroscience

2009-present

Association for Psychological Science

2007-present

Cognitive Neuroscience Society

lifetime member

Psi Chi Psychology Honors Society

lifetime member

National Society of Collegiate Scholars