

## Halle R. Zucker

### **Education:**

2006-2010 B.A. with distinction and high honors in Brain, Behavior and Cognitive Sciences and English (3.75/4.00 GPA)  
May 2010  
University of Michigan, Ann Arbor, MI

### **Honors and Awards:**

2011 Boston College Research Expense Grant (\$2,000)  
*<http://www.bc.edu/research/osp/funding/internal/regguidelines.html>*  
Co-written with Prf. Elizabeth A. Kensinger

2010 B.A. with Distinction  
*Awarded to students in the top 25% of graduates.*

2009 Hellman Honors Award (\$350)  
*Awarded to women with research interests in the science or math fields to help defray costs of independent research projects.*

2008 Tanner Memorial Award (\$600)  
*Awarded to a particularly innovative, original, and meritorious research project conducted by an undergraduate student.*  
*<http://www.lsa.umich.edu/psych/undergrad/awards/tanner/>*

2008 James B. Angell Scholar  
*Awarded for receiving straight A's (A+,A,A-) for two or more consecutive terms.* *<http://www.umd.umich.edu/casl/cadvstuacadhonorsrecgnition.html>*

2007 William J. Branstrom Freshman Prize  
*Awarded to first-term freshmen who rank in the upper five percent of their class.* *<http://www.umd.umich.edu/casl/cadvstuacadhonorsrecgnition.html>*

2006-2010 University Honors  
*Awarded to students who have achieved at least a 3.50 GPA.*  
*<http://www.umd.umich.edu/casl/cadvstuacadhonorsrecgnition.html>*

### **Research and Professional Experience:**

#### **July 2010-present: Cognitive and Affective Neuroscience Lab**

##### ***Lab Manager/Research Assistant***

*Cognitive and Affective Neuroscience Lab: 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 Kensinger

##### **Skills and responsibilities:**

- Supervision of research assistants

- Thesis advisor: Kelley Durham, *How stress impacts memory for emotional scenes (2011-2012)*
- Management of subject payment across grants
- Collection and analysis of behavioral (ePrime, MacStim, PsyScope, DirectRT) and neuroimaging data (fMRI, Matlab, SPM)
- Subject recruitment and database management (FileMakerPro)
- Neuropsychological testing of older adults
- Teaching assistance
  - *Memory in Everyday Life (PS072)*: 120 students (2010)/85 students (2011)
    - Writing tutor: FA 2010, FA 2011
    - Guest lecture (FA 2011): Memory in the classroom
  - *Event-related potentials: A laboratory methods course (PS473)*: 15 students
    - Laboratory teaching assistant: W 2012
      - Guest lectures: Attention & ERP; Memory & ERP

**September 2006-June 2010: Cognitive and Affective Neuropsychology Lab**

**Research Assistant 2006-2010**

**Lab Manager 2007-2009**

*Cognitive and Affective Neuropsychology Lab: 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 Reuter-Lorenz

**Skills and responsibilities:**

- Honors Thesis (with high honors): Multiple memory systems?: Serial position dependent false memory effects  
*Investigating false memory rates across the serial position curve to examine short- and long-term memory in the same subjects.*
- Behavioral data analysis in Excel and SPSS
- Design and programming of experiments in ePrime
- Hiring, training, and supervision of research assistants
- Management of IRB protocols
- Website maintenance in SiteMaker
- Database management of over 7,000 records within MS Access

**January 2008-2009: Veterans Affairs Ann Arbor Healthcare System**

**Research Assistant**

*Veterans Affairs Ann Arbor Healthcare System: Administration of neuropsychological batteries to screen for depression, dementia and other cognitive deficits*

Ann Arbor, MI

Supervisor: Dr. Linas Bieliauskas

**Skills and responsibilities:**

- Administration and scoring of neuropsychological tests to veteran in-patients

**August 2008-June 2010: Altered Brain Function in Chemotherapy for Breast Cancer**

**Research Assistant**

*University of Michigan School of Nursing: 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

**Skills and responsibilities:**

- Administration of neuropsychological tests to research participants
- Running participants through neuroimaging tasks in ePrime

**January-October 2008: Translational and Developmental Neuroscience Lab**

**Research Assistant**

*Translational and Developmental Neuroscience Lab: Investigations into neural circuitry of social reward in high-functioning Autism Spectrum Disorder (ASD) adolescents with functional (fMRI) paradigms*

Department of Psychology, University of Michigan, Ann Arbor

Supervisor: Dr. Christopher Monk

**Skills and responsibilities:**

- Subject recruitment and scheduling
- Behavioral data analysis in Excel and SPSS
- Functional (fMRI) data analysis in SPM
- Administration and scoring of neuropsychological tests

**January 2007-December 2008: UMACC Social Group**

**Social Peer Member**

*University of Michigan Autism and Communication Disorders Center (UMACC): Facilitation of structured social groups in adults with high-functioning Autism Spectrum Disorders (ASD)*

Ann Arbor, MI

Supervisor: Elizabeth Buvinger

**Skills and responsibilities:**

- Social and behavioral role model for high-functioning adults with ASD
- Presented feedback to session leaders to aid in writing of reports

**Summers 2005-2007: Monarch School**

**Camp Counselor**

*Monarch School: Social and educational camp for children with Autism Spectrum Disorders (ASD)*

Bellefaire JCB, Ohio

Supervisor: Karin Hess-Hopkins

**Skills and responsibilities:**

- One-on-one and group supervision of children

- Implemented academic, dietary, and behavioral interventions for ASD children

### **Publications and Presentations:**

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

**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.

**Zucker, H.**, Flegal, K.E., & Reuter-Lorenz, P.A. (2007, April). False memory effect in short- and long-term memory. Poster presented at Undergraduate Research Opportunities Program Research Forum, Ann Arbor, Michigan.

### **Projects in progress:**

**Zucker, H.R.**, Flegal, K.E., Atkins, A.S., & Reuter-Lorenz, P.A. (manuscript in preparation). Serial position dependent false memories.

Krendl, A.C., **Zucker, H.R.**, & Kensinger, E.A. (data analysis). ERP investigations of stigma regulation in healthy young adults.

Waring, J.D., **Zucker, H.R.**, & Kensinger, E.A. (manuscript in preparation). Effects of healthy aging and MCI on emotional memory.

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

### **Professional Memberships:**

2007-present	Cognitive Neuroscience Society
2008-present	Psi Chi Psychology Honors Society
2008-present	National Society of Collegiate Scholars

2009-present  
2010-2011

Association for Psychological Science  
Organization for Human Brain Mapping

**Service:**

2011-present

Boston College Brain Awareness Week coordinator  
(2012-present) and volunteer (2011)

October 2011-present

Tutor for 826 Boston writing workshop  
(<http://826boston.org/>)

October 2010-present  
2011, 2012  
2010

Reader for Boston Partners Read Aloud  
Boston area Brain Bee volunteer  
University of Michigan Brain Awareness Week  
volunteer

2010-present

APSSC Student Grant Reviewer

September 2009-December 2009

University of Michigan Psi Chi Advisory Board  
(student member)

September 2009-December 2009

Student representative, University of Michigan  
Subject Pool Advisory Committee

February 2009

University of Michigan Undergraduate Research  
Forum panelist