

# Amber Baysinger

Yale University  
Department of Psychology  
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## EDUCATION

- 2010-Present      Yale University: New Haven, CT  
M.S. in Psychology received 2012  
M.Phil. in Psychology received 2014  
Ph.D. in Psychology expected 2016  
(Focus: Behavioral Neuroscience)
- 2010                University of Houston: Houston, TX  
B.A. in Psychology, minor in French

## RESEARCH EXPERIENCE

- 2011-Present      Graduate student in the neurobiology of addiction laboratory of Dr. Jane R. Taylor, Yale University.
- 2010-2011        Graduate student in the neuroscience of learning and memory laboratory of Dr. Thomas H. Brown, Yale University
- 2009-2010        Research assistant in the neural basis of addiction laboratory of Dr. Adriana A. Alcantara, University of Houston
- 2009               Research assistant in the Victims' Resource Institute laboratory of Dr. John P. Vincent, University of Houston

## PUBLICATIONS

**Baysinger, AN**, Kent, BK, Brown TH (2012) Muscarinic receptors in amygdala control trace fear conditioning. *PLoS One*. 7(9): e45720.

## ABSTRACTS

Kent, BA, **Baysinger, AN**, Brown, TH (2011) Selective control of trace fear conditioning by muscarinic receptors in the amygdala. Program No. 614.19. *2011 Neuroscience Meeting Planner*. San Diego, CA: Society for Neuroscience.

Updated 08-12-2014

**ADDITIONAL EXPERIENCE**

- 2014-Present      Issue Editor, Yale Journal of Biology and Medicine, New Haven, CT
- 2012-2013        Physician Shadowing, Yale Psychiatric Hospital and APT Foundation, New Haven, CT
- 2012                Advanced Techniques in Molecular Neuroscience course at Cold Spring Harbor Laboratory, 3-week intensive laboratory course

**AWARDS AND FELLOWSHIPS**

- 2011-Present      NSF Graduate Student Research Fellowship
- 2010-2012        Sterling Fellowship, Yale University
- 2010                Provost's Undergraduate Research Fellowship, University of Houston
- 2009                Charles Silin Scholarship Fund Award, University of Houston
- 2008-2009        Transfer Excellence Scholarship, University of Houston
- 2004                Horace Mann Scholarship

**TEACHING EXPERIENCE**

- 2014-Present      High School Math/Science Tutor, The Learning Consultants, Madison, CT
- Fall 2014          Yale Part Time Acting Instructor, PSYC 235: Research Methods in Psychology
- Summer 2014      GRE Tutor, New Haven, CT
- Fall 2012          Yale Teaching Fellow, PSYC 350: Autism, Professor James McPartland
- Spring 2012        Yale Teaching Fellow, PSYC 161: Drugs, Brain, and Behavior, Professor Hedy Kober
- March 2012        Yale Guest Lecturer, "Psychopharmacology of Cocaine," PSYC 161: Drugs, Brain, and Behavior, Professor Hedy Kober
- Fall 2011          Yale Teaching Fellow, PSYC 152: Moralities of Everyday Life, Professor Paul Bloom
- 2010                GED Tutor, Houston, TX
- 2004-2005        Middle School Tutor, East Palo Alto Tennis and Tutoring, Stanford, CA

## **SERVICE**

2014	HAVEN Free Clinic, Alcohol and Smoking Cessation Program Director, New Haven, CT
2013	HAVEN Free Clinic, Director of Social Services, New Haven, CT
2012	HAVEN Free Clinic, Student Volunteer, New Haven, CT
2011-2012	New Haven Science Fair mentor, New Haven, CT
2011	New Haven Science Fair judge, New Haven, CT
2011	Yale Day of Service, New Haven, CT
2011	Brain Awareness Day at Yale, New Haven, CT
2010-Present	Women in Science at Yale mentor, New Haven, CT

## **RESEARCH SKILLS**

Rodent behavioral paradigms including operant conditioning, fear conditioning, appetitive Pavlovian conditioning, and locomotor assessment; operation of Med Associates chambers; MED-PC programming; drug self-administration surgeries and behavior; stereotaxic surgery for cannulation and excitotoxic lesions; Western blotting; Nissl staining; immunofluorescence and immunohistochemistry; perfusions and rapid decapitation for brain extraction; microscope analysis of cannula placement, lesion size, and fluorescence; viral vector infusions; brain sectioning using a freezing microtome, vibratome, and cryostat; data analysis using SPSS; DMDX programming; manuscript preparation and editing; IACUC protocol writing; HIC/IRB protocol writing.

## **REFERENCES:**

For reference, please contact:  
Dr. Jane R. Taylor  
Phone: (203) 974-7727  
Email: jane.taylor@yale.edu

Additional references available upon request.