



**Jun, 2012 – Sep, 2017**

**PHD CANDIDATE AT UNIVERSITY OF CALIFORNIA, DAVIS**  
*CENTER FOR NEUROSCIENCE WITH DR. BRIAN J. WILTGEN*

Investigated the involvement of hippocampus and cortex in *remote* memory retrieval by optogenetic and pharmacological manipulation of hippocampal circuits in transgenic mice.

**Sep, 2010 – Jun, 2012**

**GRADUATE STUDENT RESEARCHER AT UNIVERSITY OF CALIFORNIA, DAVIS**  
*CENTER FOR MIND AND BRAIN WITH DRs. CLIFFORD SARON AND RON MANGUN*

Analyzed human EEG data collected from the Shamatha Project, a longitudinal study designed to investigate the effects of intensive meditation on the central and autonomic nervous systems.

**Jul, 2008 – Aug, 2010**

**BEHAVIORAL BIOLOGIST AT NATIONAL INSTITUTE OF MENTAL HEALTH (NIMH)**  
*LABORATORY OF MOLECULAR PATHOLOGY (LMP) W/ DRs. GUANG CHEN & HUSSEINI MANJI*

Evaluated the efficacy and temporal profiles of ketamine for its antidepressant effects through use of a battery of animal behavioral tests and presented the findings of this work at *Society for Biological Psychiatry* (2008) and screened preclinical drug compounds in rodent tests and screens for bipolar disorder.

**Jun-Aug 2007**

**AMGEN SCHOLAR AT HOWARD UNIVERSITY**  
*ORGANIC CHEMISTRY LAB WITH DR. JOSEPH FORTUNAK*

Developed an alternative synthetic method for the most expensive portion of the critical HIV drug ritonavir: 5-hydroxymethylthiazole (5-HMT). Finalized and submitted a second alternative synthetic method for 5-HMT. The cost impact of this alternative synthetic method is a 15-20% reduction in price for ritonavir.

**May, 2006 – Jun, 2008**

**RESEARCH ASSISTANT AT THE UNIVERSITY OF TEXAS AT DALLAS**  
*AGING & MEMORY LAB WITH DR. LUCIEN TRES THOMPSON*

Collaborated as a research assistant on a project which demonstrated the effectiveness D-cycloserine (DCS) in improving learning and memory by enhancing after-hyperpolarization mediated plasticity.

## **SERVICE & OUTREACH**

2015	Panel Participant on Science Writing & Editing for “Professors for the Future”
2010, 2013	Brain Awareness Week (BAW) Outreach events at local Davis schools
2005-2008	Pre-Health Honor Society – Alpha Epsilon Delta (Volunteer Activities)
2005-2008	Contact Crisis Line – Suicide Prevention Hotline
2004-2005	Secretary of Student Government at Richland College (DCCCD)

## **HONORS & AWARDS**

2016	Center for Neuroscience, 15 <sup>th</sup> Annual Poster Contest: 3 <sup>rd</sup> Place
2012-2014	National Science Foundation Graduate Research Fellowship
2009, 2012	Research Fellow, Mind & Life Summer Research Institute
2008	Dean’s List, University of Texas at Dallas
2006 & 2007	Academic All-Conference ASC Cross Country Award
2004	Student Success Award for Leadership in Education & Community Building

## **PROFESSIONAL ACTIVITIES**

2011-2012	UC Davis Annual Neuroscience, Retreat Organizer
2012-2014	Board Member for Sacramento-Valley Chapter of AWIS
2013-2014	UC Davis Student Organized Seminar Series, Committee Member

## **PROFESSIONAL MEMBERSHIPS**

2008 – current

2012 – 2016

2014 – 2016

Society for Neuroscience  
Association of Women in Science  
American Association for Advancement of Science

## **REFERENCES**

Available upon request.