

Curriculum Vitae

Vitae
Ashton L. Wehrman
January 2009

EDUCATION

2008 - Present B.S., Psychology, The Pennsylvania State University, University Park, PA
2005-2008 B.S., Psychology, Northern Kentucky University, Highland Heights, KY

CREDIT COURSES

Psychology (42 credits) Introductory Psychology, Psychology as a Science and Profession, Introduction to Social Psychology, Introduction to Personality Psychology, Neurological Basis of Human Behavior, Introduction to Abnormal Psychology, Infant and Child Development, Interpersonal Skills, Basic Research Methods in Psychology, Research Project, Human Development and Family Studies Interventions, Developmental Problems in Childhood and Adolescence, Child Psychopathology, Clinical Neuropsychology, Introduction to Clinical Psychology, Senior Seminar in Psychology

Quantitative Elementary Statistics

Natural Science (13 credits) Astronomical Universe, Genetics and Evolution of the Human Species, Introductory Physiology, Biology: Basic Concepts and Biodiversity, Chemical Principles I

HONORS AND AWARDS

Inducted into Psi Chi (National Honor Society in psychology) 2008
Third Place Excellence In Neuroscience Research Award; Spring 2008, University of Louisville Neuroscience Day
Book Grant Spring 2008
Psych Bowl team member Fall 2007 - Spring 2008 (Specialties: Neuroscience and Developmental Psychology)
Outstanding Undergraduate Award; Spring 2008; University of Kentucky Neuroscience Day Honor's List (4.0 G.P.A.) Fall 2007

PROFESSIONAL AFFILIATIONS

2008 PSI CHI – National Honor Society in Psychology

GRANT/FELLOWSHIP AWARDS

2007 *The effects of exercise on memory and neurogenesis in mice with reduced hippocampal volume.* Northern Kentucky University Summer Undergraduate Research Fellowship. (\$2500 stipend, \$500 supplies)

PRESENTATIONS

2008 Wehrman, A. (SPONSOR: Mark Bardgett) (May, 2008). *The effects of exercise on memory and neurogenesis in mice with reduced hippocampal volume.* Poster presented at Midwestern Psychological Association conference, Chicago, IL; Poster presented at University of Louisville Neuroscience Day, Louisville, KY (April); Poster presented at Celebration of Student Research and Creativity at Northern Kentucky University, Highland Heights, KY (April); Poster presented at Kentucky Psychological Association Academic Conference, Louisville, KY (March); Poster presented at University of Kentucky's Neuroscience Day, Lexington, KY (March); Poster presented at Annual APA-PFF Tri-State Symposium at Miami University of Ohio, Oxford, OH (February).

2007 Wehrman, A. & Lamontagne, T. L. (SPONSOR: Mark Bardgett) (2007, April). *The effects of tacrine on memory impairment produced by the NMDA antagonist, MK-801.* Poster presented at Celebration of Student Research and Creativity at Northern Kentucky University, Highland Heights, KY; University of Kentucky's Neuroscience Day, Lexington, KY (March); Annual APA-PFF Tri-State Symposium at Miami University University of Ohio, Oxford, OH (January); Merck/AAAS and KBRIN Interdisciplinary Summer Research Celebration at Northern Kentucky University, Highland Heights, KY (September).

RESEARCH EXPERIENCE

Summer 2009 - present

Project Coordinator
Faculty Advisor: Dr. Kenneth Levy
Graduate Student: Lori N. Scott
Project: Stress Reactivity in Borderline Personality Disorder

Duties: contacting participants for clinical interviews, data collection, consenting participants, TSST procedure

Fall 2008 - Spring 2009

Faculty Advisor: Dr. Kenneth Levy, Dr. Daniel Weiss, Dr. Reginald Adams
Project: Beliefs and Feelings about Relationships and Politics

Duties: literature search, identified appropriate questionnaires, IRB protocol,
data collection, data input, statistical analysis

Fall 2008 - Present

Undergraduate Research Assistant
Supervisor: Dr. Kenneth Levy

Duties: Adult Attachment Interview transcription

Summer 2008

Undergraduate Research Assistant
Supervisor: Dr. Kenneth Levy
Project: Physiology of Interpersonal Interactions

Duties: aiding in EEG and EKG administration

Spring 2008 - Summer 2008

Independent Research Study
Faculty Advisor: Dr. Kim Breitenbecher
Project: Relationship issues in college students

Duties: Participant recruitment, literature search, identified appropriate questionnaires,
IRB protocol, data collection, data input, statistical analysis

Summer 2007 - Fall 2008

Undergraduate Research Assistant
Supervisor: Dr. Mark Bardgett
Project Title: The effects of chronic H3 antagonist treatment on performance in the radial
arm maze in rats with hippocampal damage.

Duties: Data collection through memory testing

Project Title: The effects of exercise on memory and neurogenesis after
hippocampal injury.

Duties: Data collection through memory testing, cut, mounted and stained animal brain
sections for scientific analysis, area measurements of hippocampus

Fall 2007

Research Methods Course (PSY 210)

Instructor: Dr. David Hogan

Project: Correlational study between self-esteem and family relations

Duties: Participant recruitment, literature search, identified appropriate questionnaires, IRB protocol, collected, recorded, and analyzed data, APA-style written report, presentation of findings

Research Tools Course (PSY 210L)

Instructor: Dr. Cyndi McDaniel

Duties: Literature search, data analyses, APA-writtten reports of results sections, powerpoint presentation of journal article, simple web page design

Summer 2007

Supervised Research in Psychology (PSY 492), Directed Research

Instructor: Dr. Mark E. Bardgett

Project: Object recognition in rats with hippocampal lesions, spatial recognition in rats with hippocampal lesions

Duties: Data collection through memory testing, cut, mounted and stained animal brain sections for scientific analysis, area measurements of hippocampus

Spring 2007

Supervised Research In Psychology (PSY 492), Directed Research

Instructor: Dr. Mark E. Bardgett

Project: Effects of tacrine on memory of rats with hippocampal lesions

Duties: Running rats on T-maze, data collection, inputting data, injecting rats, handling rats

Fall 2006

Supervised Research in Psychology (PSY 492), Directed Research

Instructor: Dr. Mark E. Bardgett

Project: Effects of tacrine on memory of rats with hippocampal lesions.

Duties: Running rats on T-maze, data collection, inputting data, injecting rats, handling rats

SKILLS

SPSS Statistical Analysis Software, PsycInfo, Microsoft Office Software

PROFESSIONAL EXPERIENCE

2007 - 2008 Undergraduate Research Assistant

Northern Kentucky University

Highland Heights, KY

Supervisor: Dr. Mark E. Bardgett

- May-August: 30-35 hours per week
- August-present: 15-20 hours per week

Duties: injecting animals, performing memory tasks on rats and mice, cut, mounting, and staining brain sections, quantification of neurons in dentate gyrus, area measurements of hippocampus and dentate gyrus, collecting and recording data

TEACHING EXPERIENCE

Spring 2008 Northern Kentucky University

Learning Assistance Program

- Introduction to Psychology (PSY 100)
- Research Methods in Psychology (PSY 210)
- Research Tools in Psychology (PSY 210L)
- Abnormal Psychology (PSY 333)

VOLUNTEER EXPERIENCE

Summer 2006 & Cincinnati Childrens Hospital Medical Center

Summer 2007 Cincinnati, OH

- Hematology/Oncology Unit
- Dialysis Unit
- Drake OT/PT

Duties: sterilized toys and equipment, sitting with patients, played games with patients, assisted child life employees and physical and occupational therapists

REFERENCES

Kenneth Levy, Ph.D.
Department of Psychology
The Pennsylvania State University
University Park, PA 16802
(814) 865-5848
email: knl2@psu.edu

Mark E. Bardgett, Ph.D.
Department of Psychology
Northern Kentucky University
Highland Heights, KY 41099
(859) 572-5591
e-mail: bardgettm@nku.edu