

Carrie L. Howard
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832.379.8077

Education: University of Houston – Clear Lake
2006: Master of Arts in Behavioral Science

University of Pittsburgh, Pittsburgh, PA
2002: Bachelor of Science Degree in Psychology

Professional
Experience:

February 2008 – Present Research Coordinator II – Human Neuroimaging
Laboratory, Baylor College of Medicine

- schedule experiments for our Siemens 3T MRI scanners
- screen potential participants
- participate in fMRI research involving human reward processing, neural economics, visualization, social cognition and pervasive developmental disorders

October 2007 –February 2008: Research Assistant I – Baylor College of Medicine,
Department of Molecular and Human Genetics

- performed behavioral testing of genetically modified mice for the study possible treatment options for various neurological disorders
- surgically removed mouse brains for examination and analyzation
- designed and conduct research experiments
- designed computer testing program experiments
- collected, compiled and analyzed data
- documented and interpreted results of experiments and reported them to principal investigator
- developed and modified computer programs
- wrote experimental protocols and experimental procedures
- selected and determined appropriate research procedures
- oversaw the maintenance of lab equipment and environment
- trained and oversaw laboratory staff
- assigned activities to research staff
- Performed PCR

August 2004 – August 2006: Behavioral Science Research Assistant – University of Houston, Clear Lake; Part of research group for pharmaceutical company. Duties included:

- habituation/conditioning of rats
- preparing serum for injections
- measuring out injection doses
- administering s.c. and i.p. injections
- blood collecting from tail of rats
- observing locomotor activity and other behavior
- data collecting, and recording
- performing statistical analysis on data
- co-authored three theses, including my own
- prepared presentation of research results from lab to display; presented twice at the Society for Neuroscience Conference in Orlando, FL and once at the Society for Nicotine Research in Washington, D.C.
- converted thesis research into journal article for publication in medical journal

January 2005 – January 2006: Research Assistant - Baylor College of Medicine, Department of Neuropsychiatry

- received training on neuropsychological testing procedures
- received training on how to interpret neuropsychological test results and the association with the degenerating areas of the brain
- administered neuropsychological exams
- observed more advanced neuropsychological testing and examinations

August 2004 – October 2005: Research Assistant – University of Texas at Houston Medical School, Department of Internal Medicine; Infectious Diseases-Clinical Research Center

- observed clinical testing and examination of patients for various studies
- shadowed doctors during their rounds
- worked on a longitudinal studies investigating the differences in stool samples from individuals who did, and did not experience diarrhea when traveling to Mexico
- organized and labeled lab samples for testing
- assisted in post-study questioning of patients
- prepared documents and materials for upcoming grant renewal

February 2004 – August 2004: Research Assistant – Mann Psychological Consulting

- assisted in composing behavior therapy programs for low to high functioning mentally challenged individuals and autistic clientele to reduce negative behavior characteristics
- assisted in Psychological testing to determine mental status of individuals
- assisted in IQ testing
- compiled data reduction statistics from behavior therapy data sheets

Activities/

Honors:

The Chancellor's List Inductee – University of Houston-Clear Lake graduate school – August 2006

The National Scholars Honor Society Inductee – Houston Community College System – March 2006

Society for Nicotine Research Conference – February 2006

Society for Neuroscience Conference – January 2006

Thesis Co-Author for Nicotine Vaccination Research - January 2006

The National Dean's List Inductee – Houston Community College System – January 2006

Society for Neuroscience Conference – November 2005

Phi Theta Kappa National Honor Society inductee – Houston Community College System – August 2005

Thesis Co-Author for Nicotine Vaccination Research - August 2005

Psi Chi Psychology National Honor Society Inductee– University of Houston-Clear Lake graduate school – March 2005

Thesis Co-Author for Nicotine Vaccination Research - August 2004