

Name: Beth M. (Turner) Anderson , Ph.D.

Education: B.S. in Biology and Psychology, University of Iowa, 1995
Ph.D. in Neuroscience, University of Iowa, 2007

Career:

2007-2011 Postdoctoral fellow, Olin Neuropsychiatry Research Center, Hartford, CT
2011-present Research Scientist, Olin Neuropsychiatry Research Center, Hartford, CT

Board Certification: N/A

Professional Honors or Recognition:

- Hartford Hospital Ludwig J. Pyrtek award for best scientific paper 2011
- Travel award to attend the Human Brain Mapping conference, San Francisco, CA 2009; \$750
- Travel award to attend the 2nd International Conference on Applications of Neuroimaging in Alcoholism, New Haven, CT 2008; registration fee waived
- Health Sciences Student Competition Award for presentation of “Efficacy of the Modified Liberator Maneuver for the Treatment of BPPV” at the 89th Annual Meeting of the Illinois State Academy of Science 1996; certificate

Grant History:

Currently Active

National Institute of Drug Abuse: R03DA030847 Effects of Marijuana on Driving: a Standardized Assessment, PI: Beth Anderson, PhD; \$86,500 7% effort Yr 1, 17% effort Yr 2 (ends 8/31/13)

Hartford Hospital Small Grant Competition: Simulated Driving: Effects of Road Conditions and Visibility, PI: Beth Turner, PhD; \$9,811 1% effort

Hartford Hospital Small Grant Competition: Evaluation of food cue reactivity with functional MRI in patients with adjustable gastric band, PI: Beth Anderson & Pavlos Pappas; \$9,975 1% effort

Hartford Hospital Research Institute: Hartford Hospital Interdisciplinary Center on Obesity Research; PI: Godfrey Pearlson & Darren Tischler; \$881,671 25% effort (2013-2016)

Past grants

National Institute of Drug Abuse: R03DA027893 Effects of marijuana on simulated driving: an fMRI study, PI: Beth Anderson, PhD; \$255,084. 50% effort (ends 2/28/13)

National Institutes of Health: Innovative Neuroimaging Technologies Training Grant; PI: Richard Hichwa, PhD; 2002-2005; full salary support

National Institutes of Health: Neuroscience Institutional Training Grant; PI: Daniel Tranel, PhD; 2000-2002; full salary support

The ABMRF/ The Foundation for Alcohol Research. Alcohol Cue Reactivity as a Predictor of Future Alcohol Use Disorders, PI: Beth Anderson, PhD, \$100,00; 2010-2012

Under Review

Hartford Hospital: Endocannabinoid Release with Exercise Intensity and Duration, PI: Beth Anderson, PhD, \$23,506; 2013-2014

CICATS: Endocannabinoid Release in Response to Exercise and its Effects on Hunger, PI: Beth Anderson, PhD, \$50,000; 2013-2014

Lectures, Courses:

- Anderson BM** (Sept 28, 2010) “Electrical and chemical communication in the brain” Introductory Psychology class, Central Connecticut State University, New Britain, CT
- Anderson BM** (Sept, 2009) “Electrical and chemical communication in the brain” Introductory Psychology class, Central Connecticut State University, New Britain, CT
- Turner BM** (April 15, 2009) “Functional neuroanatomy” Neuroanatomy class, Trinity College, Hartford, CT
- Turner BM** (November 3, 2008) “Marijuana’s relevance to Psychiatry” PG3 Neurobiology/Neuroscience Resident Lecture Series, Hartford Hospital, Hartford, CT
- Turner BM** (November 15, 2007) “Functional neuroanatomy and fMRI methods fMy research or cognitive research” Psychology Research Methods, Trinity College, Hartford, CT
- Turner BM** (November 2006) “Gender, Drugs, and Simulated Driving” Psychopharmacology and Neuroscience Rounds, Hartford Hospital Institute of Living, Hartford, CT.

Professional Service: N/A

Bibliography:

Peer Reviewed Publications

- Dager AD, **Anderson BM**, Stevens MC, Pudilo C, Rosen R, Jiantonio-Kelly RE, Sisante JF, Raskin SA, Tennen H, Austad CS, Wood RM, Fallahi CR, Pearlson GD. (2013). Influence of alcohol use and family history of alcoholism on neural response to alcohol cues in college drinkers. *Alcoholism Clinical and Experimental Research* 37 Suppl 1: E161-171.
- Paradiso S, **Anderson BM**, Ponto LLB, Robinson RG. (2011) Altered neural activity and emotions following right middle cerebral artery stroke. *Journal of Stroke and Cerebrovascular Disease* 20(2): 94-104.
- Anderson BM**, Stevens MC, Meda S, Jordan K, Calhoun VD, Pearlson GD. (2011) Functional imaging of cognitive control during acute alcohol intoxication. *Alcoholism Clinical and Experimental Research* 35(1): 156-165.
- Anderson BM**, Rizzo M, Block RI, Pearlson GD, O’Leary DS. (2010) Sex, drugs, and cognition: Effects of marijuana. *Journal of Psychoactive Drugs* 42(4):413-424.
- Anderson BM**, Rizzo M, Block RI, Pearlson GD, O’Leary DS. (2010) Sex differences in the effects of marijuana on simulated driving performance. *Journal of Psychoactive Drugs* 42(1):19-30
- Meda SA, Calhoun VD, Astur RS, **Turner BM**, Ruopp K, Pearlson GD (2009) Alcohol dose effects on brain circuits during simulated driving: an fMRI study. *Human Brain Mapping* 30(4):1257-70.
- Paradiso S, **Turner BM**, Paulsen JS, Jorge R, Ponto LL, Robinson RG. (2008) Neural bases of dysphoria in early Huntington’s disease. *Psychiatry Research Neuroimaging* 162(1): 73-87.
- Marvel CL, **Turner BM**, O’Leary DS, Johnson, HJ, Pierson R, Ponto LLB, Andreasen NC. (2007) The neural correlates of implicit sequence learning in schizophrenia. *Neuropsychology* 21(6): 761-777.
- Turner BM**, Paradiso S, Marvel CL, Pierson, R, Ponto LLB, Hichwa R, Robinson R. (2007) The cerebellum and emotional experience. *Neuropsychologia*. 45(6): 1331-1341.
- Bigelow NO, **Turner BM**, Andreasen NC, Paulsen JS, O’Leary DS, Ho BC. (2006) Prism adaptation in schizophrenia. *Brain and Cognition* 61: 235-242.
- Paulsen JS, Nehl C, Hoth KF, Kanz JE, Benjamin M, Conybeare R, McDowell B, **Turner B**. (2005) Depression and stages of Huntington’s disease. *Journal of Neuropsychiatry and Clinical Neuroscience* 17(4): 496-502.
- Sandu HK, Sarkar M, **Turner BM**, Wassink TH, Philbert RA. Polymorphism Analysis of HOPA: A Candidate Gene for Schizophrenia. (2003) *American Journal of Medical Genetics (Neuropsychiatric Genetics)* 123B(1): 33-8.
- O’Leary DS, Block RI, **Turner BM**, Koeppl J, Magnotta V, Ponto LLB, Watkins GL, Hichwa RD, Andreasen NC. (2003) Marijuana alters the human cerebral clock: effects of acute and chronic use. *Neuroreport* 14(8): 1145-1151.

Other Publications

Paulsen, JS, **Turner BM**, Thal LJ, Jeste DV, Grant I. (2000) Incidence of and risk factors for hallucinations and delusions in patients with probable AD. *Neurology* 55: 1240-1241. (response letter to the editor)