

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

Born: June 3 Sterling, IL

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

Career:

2020-2021 Adjunct Instructor, Trinity College, Hartford, CT
2019-2020 Visiting Scholar in Psychology, Wesleyan University, Middletown, CT
2016-2019 Freelance Consultant, Portland, CT
2014-2016 Product Manager, Prometheus Research, New Haven, CT
2014-2014 Research Scientist, Mandell MS Center, St. Francis Hospital, Hartford, CT
2013-2014 Adjunct Instructor, Central Connecticut State University, New Britain, CT
2012-present Adjunct in Psychiatry, Yale University, New Haven, CT
2011-2014 Research Scientist, Olin Neuropsychiatry Research Center, Hartford, CT
2007-2011 Postdoctoral fellow, Olin Neuropsychiatry Research Center, Hartford, CT

Other Certifications:

- Protecting Human Research Participants NIH Office of Extramural Research (Certification Number: 2112228)
- Association of Clinical Research Professionals – Certified Professional (ACRP-CP)
- Project Management Institute Agile Certified Practitioner (PMI-ACP) (Certification Number: 2004390)

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:

Past grants

National Institute of Drug Abuse: R03DA030847 Effects of Marijuana on Driving: a Standardized Assessment, PI: Beth Anderson, PhD; \$86,500

National Institute of Drug Abuse: R03DA027893 Effects of marijuana on simulated driving: an fMRI study, PI: Beth Anderson, PhD; \$255,084

The ABMRF/ The Foundation for Alcohol Research. Alcohol Cue Reactivity as a Predictor of Future Alcohol Use Disorders, PI: Beth Anderson, PhD, \$100,000

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

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

Hartford Hospital Research Institute: Hartford Hospital Interdisciplinary Center on Obesity Research; PI: Godfrey Pearlson & Darren Tischler; \$881,671

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

Lectures, Courses:

Anderson BM (Fall 2020) Brain and Behavior, Trinity College, Hartford, CT

Anderson BM (Spring 2020) Advanced Research in Gambling, Drugs, and Junk Food, Wesleyan University, Middletown, CT

Anderson BM (Spring 2020) Cognitive Neuroscience, Wesleyan University, Middletown, CT

Anderson BM (Fall 2019) Statistics: An Activity Based Approach, Wesleyan University, Middletown, CT

Anderson BM (Fall 2019) Cognitive Neuroscience, Wesleyan University, Middletown, CT

Anderson BM (Spring 2014) Research Methods II in Psychology, Central Connecticut State University, New Britain, CT

Anderson BM (Fall 2013) Research Methods II in Psychology, Central Connecticut State University, New Britain, CT

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” 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.

Bibliography:

Peer Reviewed Publications

Lo AC, Ruiz JA, Koenig CM, **Anderson BM**, Olson KM, Triche EW. (2015) Effects of dalfampridine on multi-dimensional aspects of gait and dexterity in multiple sclerosis among timed walk responders and non-responders. *Journal of Neuroscience* 35(1-2):77-82.

Dager AD, **Anderson BM**, Rosen R, Khadka S, Sawyer B, Jiantonio-Kelly RE, Austad CS, Raskin SA, Tennen H, Wood RM, Fallahi CR, Pearlson GD. (2014) Functional magnetic resonance imaging (fMRI) response to alcohol pictures predicts subsequent transition to heavy drinking in college students. *Addiction* 109(4): 585-595.

Book GA, **Anderson BM**, Stevens MC, Glahn DC, Assaf M, Pearlson GD. (2013) Neuroinformatics Database (NIDB) – a modular, portable database for the storage, analysis and sharing of neuroimaging data. *Neuroinformatics* 11(4): 495-505.

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**, Koeppel 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)