

## **Ashley Acheson, Ph.D.**

### **EDUCATION**

Ph.D. conferred February 2005 – Behavioral Neuroscience - Department of Psychology, University at Buffalo, SUNY, NY.

BS 1998 - Psychology Major/Biology Minor - University of Wisconsin-Whitewater, WI. Honors with Thesis.

### **CURRENT ACADEMIC APPOINTMENT**

November 2008 – Present – Assistant Professor, Department of Psychiatry and Research Imaging Center, The University of Texas Health Science Center at San Antonio, San Antonio, TX

### **PRIOR ACADEMIC APPOINTMENTS**

June 2007 – November 2008 – Faculty Associate, Research Imaging Center, The University of Texas Health Science Center at San Antonio, San Antonio, TX  
June 2006 – May 2007 – Postdoctoral Fellow, Research Imaging Center, The University of Texas Health Science Center at San Antonio, San Antonio, TX  
2004 to June 2006 - Postdoctoral Fellow, University of Chicago Drug Abuse Training Program, Chicago, IL  
1999 to 2004 - Graduate Research Assistant, Department of Psychology, University at Buffalo, NY  
2002 - Instructor, University at Buffalo, NY: Biological Basis of Mental Disorders and Biological Psychology.  
1999-2002: Teaching Assistant, University at Buffalo, NY: Statistics, Biological Psychology and Research Methods.

### **PROFESSIONAL AFFILIATIONS**

Society for Neuroscience, International Society for Research on Impulsivity.

### **AWARDS**

2007 - College On Problems of Drug Dependence Director's Travel Award to Annual Meeting, Quebec City, CA.  
2005 - International Society for Research on Impulsivity Travel Award to Annual Meeting, Washington, DC.  
2005 - College On Problems of Drug Dependence Director's Travel Award to Annual Meeting, Orlando, FL.  
2004 - Society for Neuroscience Federation of European Neuroscience (FENS) Forum Travel Award to FENS Forum Meeting, Lisbon, Portugal.  
2004 - International Behavioral Neuroscience Society Travel Award to Annual Meeting, Key West, FL.  
2003 - National Institute on Drug Abuse Frontiers in Addiction Travel Award to Annual Meeting, New Orleans, LA.

## PEER REVIEWED PUBLICATIONS

- Acheson A, Robinson JL, Glahn DC, Lovallo WR, Fox PT (2008) Differential activation of the anterior cingulate cortex and caudate nucleus in persons with a family history of alcoholism during a gambling simulation: Studies from the Oklahoma Family Health Patterns Project. *Drug and Alcohol Dependence* (Epub ahead of print).
- Acheson A, de Wit H (2008) Bupropion improves attention but does not affect impulsive behavior in healthy young adults. *Experimental and Clinical Psychopharmacology* 16(2), 113-23.
- Acheson A, Richards JB, & de Wit H. (2007) Effects of sleep deprivation on impulsive behaviors in men and women. *Physiology and Behavior*. 91, 579-587.
- de Wit H, Flory JD, Acheson A, McCloskey M, & Manuck SB. (2007) IQ and Nonplanning Impulsivity are independently associated with delay discounting in middle-aged adults. *Personality and Individual Differences*, 42, 111-121.
- Acheson A, Farrar AM, Patak M, Hausknecht KA, Kieres AK, Choi S, et al. (2006). Nucleus accumbens lesions decrease sensitivity to acute changes in the delay to reinforcement. *Behavioural Brain Research*. 173, 217-28.
- Acheson A, Mahler SV, Chi H, & de Wit H (2006). Differential effects of nicotine on alcohol consumption in men and women. *Psychopharmacology*, 186(1), 54-63.
- Acheson A, Reynolds B, Richards JB, & de Wit H. (2006). Diazepam impairs behavioral inhibition but not delay discounting or risk taking in healthy adults. *Experimental and Clinical Psychopharmacology*, 14(2), 190-198.
- Hausknecht KA, Acheson A, Farrar AM, Kieres AK, Shen RY, Richards JB, et al. (2005). Prenatal alcohol exposure causes attention deficits in male rats. *Behavioral Neuroscience*, 119(1), 302-310.
- Kieres AK, Hausknecht KA, Farrar AM, Acheson A, de Wit H, & Richards JB. (2004). Effects of morphine and naltrexone on impulsive decision making in rats. *Psychopharmacology*, 173(1-2), 167-174.
- Thompson AC, Kristal MB, Sallaj A, Acheson A, Martin LB, & Martin T. (2004). Analgesic efficacy of orally administered buprenorphine in rats: methodologic considerations. *Comparative Medicine*, 54(3), 293-300.
- Woller MJ, Everson-Binotto G, Nichols E, Acheson A, Keen KL, Bowers CY, et al. (2002). Aging-related changes in release of growth hormone and luteinizing hormone in female rhesus monkeys. *Journal of Clinical Endocrinology & Metabolism*, 87(11), 5160-5167
- Acheson A, Waraczynski M, & Perkins M. (2000). Lesions and inactivation implicate dorsolateral hindbrain in MFB self-stimulation. *Physiology & Behavior*, 71(1-2), 159-171.
- Waraczynski M, Perkins M, & Acheson A. (1999). Lesions of midline midbrain structures leave medial forebrain bundle self-stimulation intact. *Behavioural Brain Research*, 103(2), 175-184.

## CONFERENCE PRESENTATIONS

- Acheson A., France C. P. (2008) A delay discounting task for rhesus monkeys. Poster presented at the American Society for Pharmacology and Experimental Therapeutics 100<sup>th</sup> Annual Meeting, Experimental Biology 2008, San Diego, Ca.
- Acheson A., Robinson J, Fox P.T., Glahn D. C. & Lovallo W.R. (2007) Neural activation differences in young adults with and without a family history of alcoholism during the Iowa Gambling Task. Oral presentation given at the College of Problems of Drug Dependence 69th Annual Meeting, Quebec City, CA.
- Acheson, A., Richards, J.B. & de Wit, H. (2006). Effects of sleep deprivation on cognition, decision-making and impulse control. Poster presented at Society for Neuroscience 36th Annual Meeting, Atlanta, GA.
- Acheson, A., Reynolds, B., Richards, J. B., & de Wit, H. (2005). Diazepam impairs behavioral inhibition but not delay discounting or risk taking in healthy adults. Poster presented at the Society for Neuroscience 35th Annual Meeting, Washington, DC.
- Acheson, A., Zelder, M., Manuck, S., Richards, J. B., & de Wit, H. (2005). Delay discounting negatively correlates with a measure of intelligence. Poster presented at the International Society for Research on Impulsivity 1st Annual Meeting, Washington, DC.
- Acheson, A., Reynolds, B., Richards, J. B., & de Wit, H. (2005). Diazepam impairs behavioral inhibition but not delay discounting or risk taking in healthy adults. Poster presented at the College of Problems of Drug Dependence 67th Annual Meeting, Orlando, FL.
- Acheson, A., Farrar, A. M., Patak, M., Hausknecht, K. A., Kieres, A. K., Choi, S., et al. (2004). Effects of nucleus accumbens lesions on impulsive decision making in rats. Poster presented at the Society for Neuroscience 34th Annual Meeting, San Diego, CA.
- Acheson, A., Farrar, A. M., Kieres, A. K., Hausknecht, K. A., de Wit, H., Richards, J. B. (2003). Novelty responding is related to impulsive behavior in rats and mice. Poster presented at the Society for Neuroscience 33rd Annual Meeting, New Orleans LA.
- Acheson, A. W., Richards, J.B, Burnsworth, J. E., & de Wit, H. (2002). Effects of repeated amphetamine on the value of delayed rewards. Poster presented at the Society for Neuroscience 32nd Annual Meeting, Orlando, FL.
- Acheson, A. W., Thompson A. C., Kristal. M. B., & Baizer, J. S. (2001). Methylphenidate induces c-fos expression in juvenile rats. Poster presented at the Society for Neuroscience 31st Annual Meeting, San Diego, CA.

## **INVITED SYMPOSIUMS**

Imaging impulsivity (November 2007). Addiction Seminar, University of Texas Health Science Center at San Antonio, San Antonio Texas

Neural substrates, pharmacological manipulations and demographic correlates of impulsivity (March 2006). Lundbeck Pharmaceuticals, Ramsey, NJ.

Understanding adult impulsivity: neural substrates, pharmacological manipulations and decision-making. (March 2006). Roosevelt University, Chicago, IL.

An animal model of impulsive decision-making (June 2004). International Behavioral Neuroscience Society 13th Annual Meeting, Key West, FL.

Behavioral correlates, pharmacological manipulations and neural substrates of delay discounting (February 2004). University of Chicago, Chicago, IL.

Behavioral correlates, pharmacological manipulations and neural substrates of delay discounting (January 2004). Concordia University, Montreal, CA.

Amphetamines and impulsive behavior (December 2003). The Ohio State University, Columbus, OH.