CURRICULUM VITAE

Adrienne Julie Heinz, Ph.D.

(March, 2013)

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Center for Health Care Evaluation
Veterans Affairs Palo Alto Health Care System
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EDUCATION AND TRAINING

Post-doctoral Fellow July 2012 - Current
Center for Health Care Evaluation, VA Palo Alto Health Care System & Department of Psychiatry and Behavioral Sciences, Stanford University School of Medicine
Substance Abuse and Anxiety Program
Mentor: Marcel Bonn-Miller, Ph.D.

Clinical Pre-Doctoral Internship July 2011- July 2012
San Francisco Veterans Affairs Medical Center, Mental Health Service and University of California San Francisco, Department of Psychiatry
Research Mentors: Steven Batki, M.D. & Angela Waldrop Ph.D.

University of Illinois at Chicago, Clinical Psychology Doctoral Program August 2006 – July 2012
Minor Area: Statistics, Methods and Measurement
Dissertation: The Effects of Alcohol, Caffeine, and Expectancies on Judgments of Personal Agency, Impulsivity and Risk Taking Behavior
Mentors: Jon Kassel, Ph.D. & Harriet de Wit, Ph.D.

University of Illinois at Chicago, Masters of Arts August 2006-December 2007
Thesis: Caffeine Expectancy: Instrument Development in the Rasch Measurement Framework
Mentor: Jon Kassel, Ph.D.

Post-Baccalaureate Fellow June 2004 – August 2006
National Institute on Drug Abuse, Intramural Research Program, Clinical Pharmacology and Treatment Branch
Mentors: Kenzie Preston, Ph.D., David Epstein Ph.D., Stephen Heishman, Ph.D.

University of North Carolina at Chapel Hill August 2000 - May 2004
B.A. Psychology with Honors; **Minor**: Cognitive Science
Mentor: Bruce Bartholow, Ph.D.

RESEARCH SUPPORT

- National Institutes of Health, National Research Service Award (F-31 NRSA), National Institute on Alcoholism and Alcohol Abuse, Dec. 2009 – Sept. 2011 *(Direct costs $72,987)*

- UIC Provost Award for Graduate Research, May, 2009 *($2,500)*
- UIC Psychology department Masters and Dissertation Research Awards, 2007 *($300)*, 2009 *($500)*

EDUCATIONAL DISTINCTIONS

- Leonard D. Eron Award for outstanding scholarly accomplishment, 2010, *($500)*
- Graduate College Travel Award, Psychology Department Graduate Student Travel Award, Graduate Student Counsel Travel Award (2006 – 2011), *($3,800)*
- Society for a Science of Clinical Psychology, Student Poster Award, May, 2009, *($100)*
- Commendation for Excellence, UIC, Department of Psychology, November, 2008
- Christopher B. Keys Award for early outstanding research achievement, 2008, *($500)*
- National Institutes of Health Intramural Research Training Awardee, May 2004 - August 2006
- Dashielle-Thurstone Award for outstanding undergraduate research, 2004
- University of North Carolina at Chapel Hill Honors Psychology Program, Jan. 2003 - May 2004
- Psi Chi National Psychology Honor Society, 2002-2004 (Treasurer)
- University of North Carolina at Chapel Hill Dean's List of Academic Excellence, 2001 - 2004

PUBLICATIONS

** indicates an undergraduate mentee*

1. **Heinz**, A.J., de Wit, H. Lilje, T.*, & Kassel, J.D. (*In Press).* The combined effects of alcohol, caffeine and expectancies on subjective experience, impulsivity and risk-taking. *Experimental and Clinical Psychopharmacology.*

2. Beck, A., **Heinz**, A.J. & Heinz, A. (*In Press*). Translational clinical neuroscience perspectives on the cognitive and neurobiological mechanisms underlying alcohol-related aggression. In Miczek, K.A. & Meyer-Lindenberg, A., *Neuroscience of Aggression: Preclinical and Clinical Research.* Heidelberg, Germany: Springer.

3. Kassel, J.D., Veilleux, J.C., **Heinz,** A. J., Braun, A. & Conrad, M. (2013). Emotions and addictive processes. In Miller, P.M., *Principles of Addiction: Comprehensive Addictive Behaviors and Disorders* (pp. 213-222). London, UK: Academic Press.

4. **Heinz,** A.J., Peters, E.N., Boden, M.T. & Bonn-Miller, M.O. (2013). A comprehensive examination of delay discounting as a predictor of cannabis cessation outcomes in a clinical sample of military veterans. *Experimental and Clinical Psychopharmacology, 21,* 55-65.

5. Kassel, J.D., Veilleux, J.C., **Heinz**, A.J., Braun, A.R., & Weber, S. (2013). Understanding the acute aftereffects of drug administration and the role of withdrawal in addiction. In de Wit, H. & Mackillop, J., *The Wiley-Blackwell Handbook of Addiction Psychopharmacology* (pp. 281-314). Hoboken, NJ: John Wiley and Sons

6. **Heinz**, A.J., Lilje, T.*, Kassel, J.D., & de Wit, H. (2012). Quantifying reinforcement value and demand for psycho-active substances in humans. *Current Drug Abuse Reviews, 5, 257-272.*

7. Newcomb, M., **Heinz,** A.J. & Mustanski, B. (2012). Longitudinal analysis of predictors of alcohol use in a diverse sample of LGBT youth. *Journal of Studies on Alcohol and Drugs, 73,* 783-793.

8. Braun, A.R., **Heinz**, A.J., Kassel, J.D., Conrad, M., Veilleux, J., Evatt, D., Greenstein, J., Wardle, M. & Drobes, D. (2011). The separate and combined effects of alcohol and nicotine on anticipatory anxiety: A multidimensional approach. *Addictive Behaviors, 37,* 485-491.

9. **Heinz**, A.J., Beck, A., Meyer-Lindenberg P., Sterzer, P., Heinz, A. (2011). Cognitive and neurobiological mechanisms of alcohol-related aggression. *Nature Reviews Neuroscience, 12,* 400-413.

10. Veilleux, J. C., Kassel, J. D., **Heinz,** A. J., Braun, A., Wardle, M., Greenstein, J., Evatt, D. & Conrad, M. (2011). Predictors of smoking topography across a single cigarette in light adolescent smokers. *Journal of Adolescent Health, 48,* 176-181.

11. **Heinz**, A.J., Kassel, J.D., Berbaum, M., & Mermelstein, R. (2010). Adolescents' expectancies for smoking to regulate affect predict smoking behavior and nicotine dependence over time. *Drug and Alcohol Dependence, 111,* 128-135.

12. Kassel, J.D., **Heinz**, A.J., Braun, A., & Evatt, D. (2010). Treatment models for comorbid psychiatric and addictive disorders. In Miller, N.S. & Gold, M.S., *Addictions in medicine: Principles and practices* (pp. 541-556). Hoboken, NJ: John Wiley and Sons.

13. Kassel, J.D, Wardle, M.C., **Heinz**, A.J., & Greenstein, J. (2010). Cognitive theories of drug effects on emotion. In Kassel, J.D., *Substance abuse and emotion* (pp. 61-82). Washington, DC: American Psychological Association.

14. Greenstein, J.E., Kassel, J.D., Wardle, M.C., Veilleux, J.C., Evatt, D.P., **Heinz**, A.J., Roesch, L., & Yates, M.C. (2010). The separate and combined effects of nicotine and alcohol on working memory capacity in nonabstinent smokers. *Experimental and Clinical Psychopharmacology, 18,* 120-128.

15. **Heinz**, A. J, Epstein, D. H., Disney, E., Clark, P., & Preston, K. L. (2010). A focus-group study on spirituality and substance-user treatment. *Substance Use and Misuse, 45,* 134-153.

16. Veilleux, J.C., Colvin, P.J., Anderson, J., York, K., & **Heinz**, A.J. (2009). A review of opioid dependence treatment: Pharmacological and psychosocial interventions to treat opioid addiction. *Clinical Psychology Review, 30,* 155-166.

17. **Heinz**, A.J., Smith, E.V., & Kassel, J.D. (2009). Caffeine Expectancy: Instrument Development in the Rasch Measurement Framework. *Psychology of Addictive Behaviors, 23,* 500-511.

18. **Heinz**, A.J., Wu, J., Witkiewitz, K., Epstein, D.H., & Preston, K.L. (2009). Marriage and Relationship Closeness as Predictors of Cocaine and Heroin Use. *Addictive Behaviors, 34,* 258-263.

19. **Heinz**, A.J., Veilleux, J.C., & Kassel, J.D. (2009). The role of cognitive structure in college student drinking. *Addictive Behaviors, 34,* 212-218.

20. Kassel, J.D., Hussong, A.M., Wardle, M.C., Veilleux, J., **Heinz**, A.J., Greenstein, J., & Evatt, D. (2009). Affective influences in drug use etiology. In Scheier, L.M., *Handbook of drug use etiology* (pp. 183-205). New York: American Psychological Association.

21. **Heinz**, A., Epstein, D. H., & Preston, K. L. (2007). Spiritual/Religious experiences and in-treatment outcome in an inner-city program for heroin and cocaine dependence. *Journal of Psychoactive Drugs, 39*, 41-49.

22. **Heinz**, A., Waters, A., Taylor, R., Myers, C., Singleton, E., & Heishman, S. (2007). Effect of tobacco deprivation on the attentional blink in rapid serial visual presentation. *Human Psychopharmacology: Clinical and Experimental*, 22, 89-96.

23. **Heinz**, A.J., Schroeder, J., Epstein, D.H., Singleton, E., Heishman, S., Preston, K.P., (2006). Craving and cocaine and heroin use during treatment: Measurement validation and potential relationships. *Journal of Substance Abuse Treatment*, 31, 355-364.

24. Bartholow, B., & **Heinz**, A. (2006). Alcohol and aggression without consumption: Alcohol cues, aggressive thoughts, and hostile perception bias**.** *Psychological Science*, 17, 30-37.

MANUSCRIPTS UNDER REVIEW OR IN PREPARATION

Newcomb, M.E., **Heinz,** A.J., Birkett, M. & Mustanski, B. (*Submitted*). A longitudinal examination of risk and protective factors for cigarette smoking among lesbian, gay, bisexual and transgender youth.

Heinz, A.J., Giedgowd, G., Craine, N., Conrad, M., Braun, A.R., Veilleux, J.C. Olerjarska, N.*, & Kassel, J.D. (*Submitted).* An examination of hookah smoking in college students: Use patterns and contexts, social norms and attitudes, harm perception, psychological correlates and co-occurring substance use.

Heinz, A.J., Fogler, K.A., Newcomb, M.E., Trafton, J.A. & Bonn-Miller, M.O. (*Submitted).* Problematic alcohol use among individuals with HIV: Relations with everyday memory functioning and HIV symptom severity.

Kassel. J.D., Wardle, M.C., Veilleux, J.C., Greenstein, J.E., **Heinz**, A.J., Evatt, D.P., Roesch, L.R., Braun, A., Segawa, E., Hedeker, D., Berbaum, M.L., Mermelstein, R., & Blumenthal, T.D (*Submitted*). The acute effects of cigarette smoking on emotional response in adolescent smokers: A multidimensional analysis.

Heinz, A.J., Waldrop, A. Roth, J.G.*, Lasher, B.A & Batki, S.L. (*Manuscript in preparation).* Impulsivity, risk-taking and cognitive functioning: Baseline relations with clinical symptomology and treatment outcomes among veterans with comorbid Post Traumatic Stress Disorder and Alcohol Use Disorder.

Heinz, A.J., Roth, J.G.*, Metzler, T. & Lasher, B.A & Batki, S.L., (*Manuscript in preparation).* Smoking and non-alcohol substance use in veterans with PTSD and alcohol dependence: Results from a pilot clinical trial of topiramate treatment.

Heinz, A.J., Lilje, T.*, Kassel, J.D., & de Wit, H. (*Manuscript in preparation).* Individual differences in the combined effects of alcohol, caffeine and expectancies on subjective experience, judgment of impairment and risk-taking behavior.

PROFESSIONAL PRESENTATIONS

* indicates an undergraduate mentee

1. **Heinz**, A. J., Peters, E. N., Boden , M. T., & Bonn-Miller, M. O. (March, 2013). Delay discounting as a predictor of cannabis use outcomes following a self-guided cessation attempt: A comprehensive examination among a clinical sample of U.S. military veterans. In K.M. Avallone and A. C. McLeish (Chairs), Mechanisms Underlying Tobacco and Marijuana Use and Cessation. Paper submitted for presentation at the 47th annual meeting of the Association for Behavioral and Cognitive Therapies, Nashville, TN.

2. Babson, K.A., Boden, M.T., **Heinz**, A.J., & Bonn-Miller, M.O. (March, 2013). Cannabis use motives and risk for lapse and relapse following a cessation attempt. In R. Stephens, K. Banes (Chairs) and M. Zvolensky (Discussant). Motives for cannabis use: Do they matter when trying to change? Symposium submitted for presentation at the 47th annual Association for Behavioral and Cognitive Therapies, Nashville, TN.

3. **Heinz,** A.J., Waldrop, A., Kalapatapu, R., Lasher, B., Roth, J.* & Batki, S.L. (March, 2013). The influence of executive functioning on the relation between alcohol use and PTSD symptom severity across treatment among military veterans. Submitted for presentation at the 47th annual meeting of the Association for Behavioral and Cognitive Therapies, Nashville, TN.

4. Santos, G.-M., Lasher, B.A., **Heinz**, A.J., Kalapatapu, R.; Herbst, E., Metzler, T., Waldrop, A., Neylan, T.C., Tarasovsky, G., Prathikanti, S., Jatlow. P. & Batki, S.L. Urinary Ethyl Glucuronide and Ethyl Sulfate testing to evaluate the efficacy of topiramate treatment of alcohol dependence in veterans with post-traumatic stress disorder. Submitted for presentation at the Research Society on Alcoholism, Orlando, FL.

5. Batki**,** S.L**.,** Lasher, B.A., **Heinz**, A.J., Santos, G.M., Herbst, E., Metzler, T., Waldrop, A., Neylan, T.C., Tarasovsky, G. & Prathikanti, S. (December, 2012). Topiramate treatment of alcohol dependence in veterans with PTSD: Preliminary analysis of outcome from a pilot controlled trial. Presented at the American Academy of Addiction Psychiatry, Annual Meeting, Miami, FL.

6. Braun, A.R., Conrad, M., Giedgowd, G., Crane, N., Greenstein, J., Colflesh, G., Veilleux, J., **Heinz**, A.J. & Kassel, J.D. (November, 2012). The effects of nicotine on selective attention. Poster presented at the 46th annual meeting of the Association for Behavioral and Cognitive Therapies, National Harbor, MD.

7. **Heinz**, A.J., Babson, K.A., Bucossi, M.M., Trafton, J.A., & Bonn-Miller, M.O. (November, 2012). The impact of problematic alcohol use on memory functioning among an HIV positive sample. Poster presented at the 46th annual meeting of the Association for Behavioral and Cognitive Therapies, National Harbor, MD.

8. **Heinz**, A.J., Waldrop, A., & Thomas, S.E. (November, 2012). Delay discounting in non-treatment seeking individuals with alcohol dependence: Relationships with negative emotionality, drinking motives and disinhibition. Poster presented at the 46th annual meeting of the Association for Behavioral and Cognitive Therapies, National Harbor, MD.

9. **Heinz**, A.J., Waldrop, A., Lasher, B.A., Herbst, E., Metzler, T., Prathikanti, S., Neylan, T., Tarasovsky, G., & Batki, S.L (November, 2012). PTSD symptoms predict alcohol cravings and obsessions across a trial of topiramate for alcohol dependence in veterans with PTSD. Poster presented at the International Society for Traumatic Stress Studies, L.A., CA.

10. Batki, S.L., Lasher, B.A., **Heinz**, A.J., Waldrop, A., Herbst, E., Prathikanti, S., Metzler, T., Neylan, T., & Tarasovsky, G., (June, 2012). Impulsivity, memory and executive functioning as outcome predictors in a trial of Topiramate for alcohol dependence in veterans with PTSD. Poster presented at the Research Society on Alcoholism, San Francisco, CA.

11. **Heinz**, A.J., Waldrop, A., Lasher, B.A., Herbst, E., Prathikanti, S., Metzler, T., Neylan, T., Tarasovsky, G., & Batki, S.L. (June, 2012). Cognitive functioning, impulsivity and risk-taking: Relationships with measures of clinical symptomology in veterans with PTSD and Alcohol Dependence. Poster presented at the Research Society on Alcoholism, San Francisco, CA.

12. Batki, S.L., Lasher, B.A., Herbst, E., Prathikanti, S., Metzler, T., Neylan, T., Waldrop, A., **Heinz**, A.J., & Tarasovsky, G. (June, 2012). Smoking and non-alcohol substance use in veterans with PTSD and alcohol dependence. Orally presented at the College for Problems on Drug Dependence, Palm Springs, CA.

13. Braun, A.R., Kassel, J., **Heinz,** A.J., Conrad, M., Weber, S. (November, 2011). Negative life events and depression impact adolescent substance use. Poster presented at the Caribbean Regional Conference of Psychology, Nassau, Bahamas.

14. **Heinz**, A.J., Lilje, T.C.*, Monroe, S.*, de Wit, H. & Kassel, J.D. (November, 2011). Caffeine, alcohol and risky behavior: The separate and combined influence of caffeine and alcohol on subjective experience. Poster presented at the Association for Behavioral and Cognitive Therapy 45th annual convention, Toronto, Canada.

15. Newcomb, M.E., **Heinz**, A.J., & Mustanski, B. (November, 2011). Alcohol use trajectories in a longitudinal sample of LGBT youth: An analysis of risk and protective factors. Paper presented at the annual mtg. of the Society for the Scientific Study of Sexuality, Houston, TX.

16. **Heinz,** A.J., Beidas, R., Suarez, L., Martinez, W., Simpson, D., Woods, B. & Braun, A. (November, 2011). Therapist attitudes about integrated care for traumatic stress and substance abuse: Instrument development and implications for practice. In R. Beidas, Chair, Measurement in dissemination and implementation science. Paper presented at the Association for Behavioral and Cognitive Therapy 45th annual convention, Toronto, Canada.

17. Mustanski, B. Newcomb, M., **Heinz,** A.J., Birkett, M. & Ashback, A. (August, 2011). Sex differences in developmental trajectories of sexual attractions among LGBT youth. Poster presented at the International Academy of Sex Researchers annual meeting, Los Angeles, CA. *Awarded best poster for a senior investigator*.

18. Olejarska, N.A.*, **Heinz,** A.J., Kassel, J.D. (April, 2011). An examination of harm perception in young adults reporting waterpipe use: Profile comparisons between waterpipe users that smoke cigarettes and those who do not. Poster presented at the Midwestern Psychological Association annual meeting, Chicago, IL.

19. Lilje, T.C.*, **Heinz,** A.J., Kassel, J.D. (May, 2011). A process-oriented analysis of the Balloon Analogue Risk Task's sensitivity to acute alcohol consumption. Poster presented at the Midwestern Psychological Association annual meeting, Chicago, IL.

20. **Heinz,** A.J., Suarez, L.M., & Abdul-Adil, J. (November, 2010). Relationship between adolescent's traumatic stress symptoms and craving for drugs and alcohol over the course of residential treatment: A case study examination. Poster presented at the Association for Behavioral and Cognitive Therapy 44th annual convention, San Francisco, CA.

21. Conrad, M., Kassel, J.D., Veilleux, J., **Heinz**, A.J., Braun, A.R. & Roesch, L. (November, 2010). Stability of emotional response in adolescent smokers and nonsmokers: A longitudinal analysis. Poster presented at the Association for Behavioral and Cognitive Therapy 44th annual convention, San Francisco, CA.

22. **Heinz**, A.J., Abdul-Adil, J., Suarez, L., Rechlicz, K., Hartle, N., Farmer, D., & Taylor-Crawford, K. (September, 2010). Risk and protective factors for substance use among youth in treatment for disruptive behavior disorders. Poster presented at the University of Illinois Chicago Annual Research Day, Chicago, IL.

23. Monroe, S.J.*, **Heinz,** A.J., Kassel, J.D. (May, 2010). Effects of alcohol and caffeine on sexual aggression and its moderators. Poster presented at the Midwestern Psychological Association annual meeting, Chicago, IL.

24. **Heinz,** A.J., Kassel, J.D., Veilleux, J.C., Braun, A., Conrad, M., Greenstein, J., Evatt, D., Wardle, M., Roesch, L., and Mermelstein, R. (February, 2010). The acute effects of cigarette smoking on negative affect moderates nicotine dependence over time in adolescents. Orally presented at the Society for Research on Nicotine & Tobacco 16th annual mtg., Baltimore, MD.

25. Veilleux, J.C., Kassel, J.D., **Heinz**, A.J., Roesch, L., Braun, A., Conrad, M., Greenstein, J., Wardle, M.C., & Evatt, D.P. (February, 2010). Puffing behavior across a single cigarette for light adolescent smokers is influenced by nicotine dependence, depression and anxiety. Poster presented at the Society for Research on Nicotine & Tobacco 16th annual mtg., Baltimore, MD.

26. Veilleux, J.C., Kassel, J.D., Wardle, M.C., **Heinz**, A.J., Greenstein, J., Evatt, D.P., Braun, A., Roesch, L., Segawa, E., & Berbaum, M.L. (2009). Cigarette smoking reduces negative affect in adolescent smokers: concordance across self-report and psychophysiological measures. Poster presented at the annual mtg. of the Society for Psychophysiological Research, Berlin, Germany.

27. **Heinz, A.J.,** Kassel, J.D., Veilluex, J.C., Braun, A., Wardle, M.C., Greenstein, J., Roesch, L., Evatt, D., Yates, M., & Drobes, D.J. (June, 2009). The separate and combined effects of alcohol and nicotine interact with drug-related negative affect reduction expectancies to predict startle reflex in response to a stressor. Poster presented at the 32nd annual meeting of the Research Society on Alcoholism, San Diego, CA.

28. Braun, A.R., Kassel J.D., Wardle, M.C., Veilleux, J.C., **Heinz**, A.J., Evatt, D., Greenstein, J. & Yates, M. (2009). The synergistic effects of alcohol and nicotine on self-reported anxiety.

Poster presented at the 32nd Annual Meeting of the Research Society on Alcoholism, San Diego, California.

29. **Heinz,** A.J., Kassel, J.D., & Mermelstein, R. (May, 2009). Adolescent's expectancies for smoking to regulate affect predict smoking outcomes over time. Poster presented at the 21st annual convention of the Association for Psychological Science, San Francisco, CA.

30. Roesch, L.L., Kassel, J.D., Greenstein, J.E., Wardle, M.C., Evatt, D.P., Veilleux, J.C., & **Heinz,** A.J. (October, 2008). Emotional responsiveness to affective stimuli: Aggression in adolescence. Poster presented at the annual mtg. of the Society for Psychophysiological Research, Austin, TX.

31. **Heinz**, A.J., Kassel, J., Evatt, D., Wardle, M., Veilleux, J., Greenstein, J., Yates, M., & Roesch, L. (August, 2008). Smoking's effect on emotion in adolescent smokers: Reactivity to affective cues. Orally presented at the 7th annual Charite Conference on Psychiatric Research: Emotional Neuroscience, Berlin, Germany.

32. Kassel, J., Evatt, D., Wardle, M., Veilleux, J., Greenstein, J., **Heinz**, A.J., Yates, M., & Roesch, L. (March, 2008). Does smoking a cigarette exert acute effects on emotional response in adolescent smokers? Presented at the biennial mtg. of the Society for Research on Adolescence, Chicago, IL.

33. **Heinz**, A.J., Kassel, J.D., & Mermelstein, R. (February, 2008). Coping motives and negative affect relief expectancies for smoking predict increase in nicotine dependence among adolescent smokers. Poster presented at the Society for Research on Nicotine & Tobacco 14th annual mtg., Portland, OR.

34. Greenstein, J.E., Kassel, J.D., Wardle, M.C., Veilleux, J.C., Evatt, D.P., **Heinz**, A.J., Roesch, L., & Yates, M.C. (February, 2008). The acute effects of nicotine on working memory performance in non-abstinent smokers. Poster presented at the 14th annual mtg. of the Society for Research on Nicotine and Tobacco, Portland, OR.

35. Kassel, J.D., Greenstein, J.E., Wardle, M.C., **Heinz**, A.J., Veilleux, J.C., Evatt, D.P., Roesch, L., & Yates, M. (February, 2008). The acute effects of cigarette smoking on self-report and psychophysiological measures of affect in adolescent smokers. In R. Mermelstein, Chair, Integrating laboratory, field, and observational methods to examine the social-emotional contexts of adolescent smoking. Paper presented at the 14th Annual Meeting of the Society for Research on Nicotine and Tobacco, Portland, Oregon.

36. Veilleux, J.C., Kassel, J.D., Roesch, L., **Heinz**, A.J., & Wardle, M.C. (May, 2007). Using cognitive appraisals to better understand laboratory emotion induction. Poster presented at the annual meeting of the Association for Psychological Science, Washington D.C.

37. **Heinz**, A.J., Mermelstein, R., & Kassel, J.D. (February, 2007). Pubertal timing, self image, and smoking escalation among adolescent females. Poster presented at the Society for Research on Nicotine & Tobacco 13th annual mtg., Austin, TX.

38. Veilleux, J.D., Kassel, J.D., Roesch, L., & **Heinz**, A.J. (January, 2007). Is all positive affect the same? Differentiating between two positive emotion induction procedures. Poster presented at the Emotion Pre-conference at the annual meeting of the Society for Personality and Social Psychology, Memphis, TN.

39. **Heinz**, A.J., Belendiuk, K., Epstein, D.H., & Preston, K.L. (June, 2006). Beck Depression Inventory scores and drug use in methadone-maintained outpatients. Poster presented at the College on Problems of Drug Dependence, 68th annual mtg., Scottsdale, AZ.

40. **Heinz**, A.J., Waters, A., Taylor, R., Myers, C., Singleton, E., & Heishman, S. (February, 2006). Effect of tobacco deprivation on the attentional blink in rapid serial visual presentation. Poster presented at the Society for Research on Nicotine & Tobacco, 12th Annual Meeting, Orlando, FL.

41. **Heinz**, A.J., Epstein, D.H., & Preston, K.L. (May, 2005; June, 2005). Spiritual/Religious experiences and in-treatment outcome in an inner-city program for heroin and cocaine dependence. Poster Presented at The NIH annual research symposium, Bethesda, MD, and The 67th Annual Meeting, College on Problems of Drug Dependency, Orlando, FL.

42. **Heinz**, A.J., Schroeder, J., Epstein, D.H., Singleton, E., Heishman, S., Preston, K.P., (October, 2005). Craving and cocaine and heroin use during treatment: Measurement validation and potential relationships. Poster presented at The Association for Medical Evaluation and Research in Substance Abuse, 29th Annual Conference, Washington, D.C., and orally presented at the Pre-IRTA Seminar Series, Bethesda, MD.

43. **Heinz**, A.J. & Bartholow, B., (November, 2003; April, 2004). Alcohol and aggression without consumption: Alcohol cues, aggressive thoughts, and hostile perception bias. Poster presented at the Triangle Undergraduate Research Symposium, Duke University, and The Office of Undergraduate Research Annual Symposium, UNC-Chapel Hill.

PROFESSIONAL ACTIVITIES

Primary Reviewing Experience

- *Addiction*
- *Addictive Behaviors*
- *Addiction Research and Theory*
- *AIDS Care*
- *Biological Psychiatry*
- *Irish Health Research Board*
- *Journal of Studies on Alcohol and Drugs*

Ad-hoc Reviewing Experience

- *Behavioural Pharmacology*
- *BMC Clinical Pharmacology*
- *Experimental & Clinical Psychopharmacology*

- *Nicotine & Tobacco Research*
- *Psychological Bulletin*
- *Psychopharmacology*
- *Psychology of Addictive Behaviors*
- *NIH grant review*

Professional Affiliations

- Association for Behavioral and Cognitive Therapy
  - Addictive Behaviors Special Interest Group
  - Neurocognitive Therapies and Translational Research Special Interest Group
- American Psychological Association
  - APA Division 2: Society for the Teaching of Psychology
  - APA Division 12: Society for a Science of Clinical Psychology
- Association for Psychological Science
- International Society for Traumatic Stress Studies
- Research Society on Alcoholism
- Society for Research on Nicotine and Tobacco

RESEARCH EXPERIENCE

Post-doctoral Research Fellow July 2012 – Current

Center for Health Care Evaluation, VA Palo Alto Health Care System & Department of Psychiatry and Behavioral Sciences, Stanford University School of Medicine

Mentor: Marcel O. Bonn-Miller, Ph.D., Substance Abuse and Anxiety Program

- Contribute to conference presentations and manuscript preparation detailing findings from studies examining the impact of anxiety symptoms and disorders and chronic health conditions on substance use outcomes.
- Participate in health care evaluation research seminar and junior investigator seminars

San Francisco VA Medical Center, Addiction Psychiatry Research Program July 2011 – Current

Mentors: Steven Batki, M.D., Angela Waldrop, Ph.D.

- Contribute to preparation of research products detailing findings from psychopharmacological treatment studies among veterans with comorbid post-traumatic stress disorder and alcohol dependence
- Receive mentorship and didactic training on conducting research among clinical populations with multiple risks.

Graduate Research Assistant August 2009 – May 2011

University of Illinois Chicago, Urban Youth Trauma Center

Mentors: Liza Suarez, Ph.D., Jaleel Abdul-Adil, Ph.D.

- Participated in a variety of research activities on a SAMSHA funded grant to help 1) forge national and local collaborations for the dissemination of trauma informed treatment approaches, 2) develop needed products, resources and therapeutic materials for service providers, and 3) mobilize community responses to youth and families affected by community violence

- Assisted in coordinating activities and research directives for the *National Child Traumatic Stress Network* – Trauma and Substance Use Committee
- Coordinated clinic-wide research program and developed effective patient tracking systems

Graduate Research Assistant August 2006 – June 2011

University of Illinois Chicago, Substance Use Research Lab; Institute for Health Research Policy
Mentors: Jon Kassel, Ph.D., Robin Mermelstein, Ph.D.

- Conducted experimental sessions and assisted in data management, analysis, and interpretation for two National Cancer Institute funded R01 laboratory-based projects assessing the effects of smoking on emotional and psychophysiological response in adolescents
- Conducted and supervised experimental sessions for studies involving nicotine, alcohol, caffeine, mood induction, and assessment of cognitive performance and risky behaviors

Intramural Research Training Awardee June 2004 – August 2006

National Institutes of Health, National Institute on Drug Abuse, Intramural Research Program, Clinical Pharmacology and Treatment Branch. Mentors: Kenzie Preston Ph.D., David Epstein Ph.D., Stephen Heishman Ph.D.

- Logged hundreds of hour's interaction with and exposure to treatment-seeking substance-abusing individuals and gained awareness of pressing issues endemic to the population
- Accrued valuable hands-on experience in the design and operation of clinical studies; took an active role in clinical aspects of ongoing research by attending weekly treatment-team meetings and conducting various psychological assessments
- Acquired a general knowledge of substances of abuse, addiction and addictive behaviors, mechanisms of craving and relapse, psychological and pharmacological interventions, and an appreciation for the neurobiology of addiction through lectures and conferences
- Gained academic autonomy through conducting independent research projects in addition to collaborating with individuals of diverse professional backgrounds

Research and Clinical Assistant September 2005 – August 2006

Center for Addiction and Pregnancy, Johns Hopkins Bayview Medical Center
Supervisor: Vickie Walters, LCSW-C

- Co-facilitated group counseling and education sessions, attended clinical rounds, and participated in treatment team meetings
- Assisted in the development of a behavioral incentive system
- Performed data analyses to determine which factors predict returning to the program with a new pregnancy and retention time in treatment

Research Assistant February - June 2004

UNC-CH School of Public Health, Department of Health Behavior and Health Education.
Supervisors: Susan Ennett, Ph.D., Andrea Hussong, Ph.D.

- Conducted extensive phone interviews with parents of adolescents screened for a wide range of factors that put youth at risk for substance use and other health-risk behaviors

Student Research Extern January – May 2004

UNC-CH School of Public Health, Pacific Institute for Research & Evaluation
Supervisors: Sandra Martin, Ph.D., Kathryn Moracco, Ph.D.

CDC-funded Evaluation of an Emergency Department (ED)-based Intimate Partner Violence (IPV) Intervention.

- Recruited participants and conducted IPV screening interviews with Hospital ED patients and abstracted data from electronic medical records with particular attention to IPV-related variables
- Assisted in the development and implementation of an intervention designed for an ED based IPV screening and referral program

Research Assistant April 2003 - May 2004

UNC-CH Social Cognition and Schizophrenia Lab; Supervisor: David Penn, Ph.D.

- Conducted experimental sessions using virtual reality technology to determine whether exposure to auditory hallucinations simulating the experience of a schizophrenic episode, reduced stigma towards persons with schizophrenia
- Learned to identify and rate deficits in social-cognitive functioning specific to schizophrenia

Research Assistant August 2002 - May 2004

UNC-CH Social Cognitive Neuroscience Laboratory; Supervisor: Bruce Bartholow, Ph.D.

- Measured reaction time and recorded cortical activity using EEG to assess the effects of alcohol intoxication on the cognitive processing of racial stereotyping
- Designed an original investigation (honors thesis) into the relationship between alcohol and aggression in memory, prepared IRB application, collected all data, conducted data analyses, authored two presentations and co-authored a publication.

MENTORSHIP EXPERIENCE

Undergraduate Research Mentor May 2009 – September 2011

- Independently supervised the research of 3 undergraduate Honors Capstone Projects; helped mentees to identify, apply and successfully obtain funding for research expenses and conference registration fees (all three awarded Nancy Hirschberg Memorial Grants for Undergraduate Research); second authored student's peer-reviewed conference presentations; currently co-authoring manuscripts for publication with students

- Created a highly structured research practicum sponsored by my dissertation grant; oversaw the training of 16 undergraduate research assistants; taught monthly professional development seminars (e.g., SPSS training, Ethical Responsibilities and Cultural Sensitivity in Research, Reference Management, Literature Searches, Scientific Writing Skills); advised students on post-baccalaureate opportunities and graduate school

Laboratory Graduate Supervisor August 2006 – April 2009

- Trained and supervised undergraduate research practicum students recruited by my advisor
- Oversaw student's participation in ethics training and data collection for an NIH-funded study; confirmed fidelity to the research protocol, established and explained inter-rater reliability on scoring of psychophysiological data, conducted basic training on data management software to facilitate data entry initiatives

Mentorship Consultant Spring 2011

- Authored an informal guide for effective mentorship of undergraduate research students for mentors at University of Chicago, Department of Psychiatry
- Consulted with several graduate student colleagues to discuss and share mentorship experiences and standard operating procedures

TEACHING EXPERIENCE

Teaching Practicum August 2008 – May 2009

- Completed a year-long course on instruction in psychology (2 hours weekly)
- Underwent two formal in-classroom teaching evaluations by practicum instructor
- Presented video-taped teaching demonstrations for class discussion

Instructor University of Illinois at Chicago, Chicago, IL

Research Methods and Design Spring 2009

- Taught 25 students and handled all responsibilities as an instructor including syllabus conception, lecture and discussion planning, test construction, development of writing assignments and grading

Graduate Teaching Assistant August 2006 – May 2011

University of Illinois at Chicago, Chicago IL

Psychological Testing Fall 2010, Spring 2011

- Provided intensive guidance and feedback to students on a semester-long project to develop their own psychometric tool; fostered students' appreciation for careful attention to evidence supporting reliability and validity of assessments

Applied Fieldwork in Psychology Fall 2009 – Spring 2010

- Helped students develop empirical studies at internship sites to facilitate an appreciation for scientific rigor and evidence based practices in applied settings
- Independently conducted a series of lecture-based seminars on scientific writing

Introductory Psychology Fall 2006, Spring and Fall 2007, Spring 2008, Fall 2009

- Independently led multiple introductory psychology discussion sessions on a weekly basis
- Employed a variety of strategies to engage students from diverse backgrounds to communicate and work as groups to learn core course concepts

Abnormal Psychology Fall 2008, Spring 2009, Spring 2011

- Assisted students with scientific writing skills and managed course grades
- Provided guidance on how to think critically when reviewing scientific literature on psychological disorders

Psychology of Interviewing Fall 2008

- Supervised over 50 one hour interviews conducted by students with mock clients
- Provided detailed one-on-one feedback to help students improve their interviewing skills over the course of the semester

- Role played tough interviewing situations in class

Invited Lectures

- Developmental perspectives on substance use and abuse: Epidemiology, vulnerability factors, treatment approaches and clinical considerations. San Francisco State University, October 2012.
- Impulsivity: Conceptual representations, contributions to the addiction lifecycle and implications for Substance Use Disorder treatment. San Francisco VA Medical Center, Substance Abuse Seminar, October 2012.
- Sex and Drugs: Cognitive and physiological mechanisms and implications for intervention. Palo Alto VA Health Care System human sexuality training, May 2012.
- Women as a Minority: Special considerations, current challenges and future directions in caring for female veterans. San Francisco VA Medical Center, Mental Health Department Grand Rounds, February 2012.
- Emotion identification and Alexithymia in PTSD and Substance Use Disorders. San Francisco VA Medical Center, PTSD and Substance Abuse Clinical Seminar, February 2012
- Eating disorders NOS: Assessment difficulties, treatment approaches and medical provider collaboration. UIC Clinical Psychology Department Brownbag, March 2011.
- Alcohol, an overview: History, prevalence of use and abuse, mechanisms of action and treatment. Loyola University, January 2011.
- Make it rain: Tips on how to obtain an NIH F31 NRSA. UIC Department colloquium, March 2010.
- Literature reviews: How to prepare, integrate and write an effective introduction. Applied Clinical Psychology, UIC, February 2010.
- Results and scientific writing: tips on presenting your data and providing clear interpretations of statistical analyses. Applied Clinical Psychology, UIC, March 2010.
- Threats to validity in experimental laboratory research. Honors Research Methods, UIC, October, 2009.

CLINICAL EXPERIENCE

Post-doctoral Psychology Fellow March 2013 - Current

Palo Alto Veterans Affairs Health Care System, Menlo Park, CA. Supervisor: Dorene Loew

- Provide individual psychotherapy in the inpatient Trauma Recovery Program; address the co-occurrence of PTSD and Substance Use Disorders

Pre-doctoral Psychology Intern July 2011– June 2012

San Francisco Veterans Affairs Medical Center, San Francisco, CA. Supervisors: Kellie Rollins, Psy.D., Sam Wan, Ph.D., Jeremy Doughan, Psy.D., Johannes Rothlind, Ph.D., Angela Waldrop, Ph.D.

- Completed rotations in Opioid Replacement Therapy, Neuropsychological Assessment (30 reports), Memory Disorders, Palliative Care, Co-occurring Substance Use and PTSD, and Women's Clinic
- Received intensive clinical supervision both individually and in the context of multidisciplinary team meetings

- Participated in weekly didactic trainings, seminars, journal clubs and grand rounds at UCSF and the SFVAMC

Graduate Clinical Provider January 2010 – May 2011

University of Illinois at Chicago, Chicago, IL. Institute for Juvenile Research, Pediatric Stress and Anxiety Disorders Clinic Supervisors: Liza Suarez, Ph.D., Sucheta Connolly, M.D., David Simpson, Ph.D., LCSW

- Assisted in the development and delivery of an integrated treatment program that incorporated empirically supported strategies for adolescents struggling with chronic stress and substance use
- Received individual supervision and participated in weekly multidisciplinary treatment meetings

Clinical Extern July 2009 – July 2010

University of Illinois at Chicago, Chicago, IL. Institute for Juvenile Research, Disruptive Behaviors Clinic, School-Age Program.

Supervisors: Jaleel Abdul-Adil, Ph.D., Karen Taylor-Crawford, M.D.

- Provided supervised evidence-based clinical psychology services for a weekly case-load of 6 youth and their families using an extensive manualized treatment protocol.
- Facilitated psycho-educational multiple family group sessions
- Participated in scholarly projects including conference presentations

Therapy Practicum January 2008 – June 2011

University of Illinois at Chicago, Chicago, IL. Office of Applied Psychological Services (OAPS). Supervisors: Gloria Balague, Ph.D., Stewart Shankman, Ph.D., Evelyn Behar, Ph.D., Elise Massie, Ph.D.

- Provided individual psychotherapy in a community based clinic, treating clients with varying psychiatric disorders including nicotine dependence, eating disorders, depression, and anxiety, under the supervision of licensed clinical psychologists

Assessment Practicum August 2007 – July 2008

University of Illinois at Chicago, Chicago, IL. Office of Applied Psychological Services (OAPS). Supervisors: Audrey Ruderman, Ph.D., Nancy Dassoff, Ph.D., Gloria Balague, Ph.D.

- Selected, administered, scored, and interpreted psychological test batteries and integrated data to produce 8 comprehensive psychological evaluations under the supervision of licensed clinical psychologists
- Provided feedback of test results and recommendations to clients
- Population served included ethnically diverse children, adolescents, and adults

Community Connections Partner September 2002 - June 2004

ARC of Orange County, Chapel Hill, NC. Supervisor: Charlene Harris

- Actively involved in non-profit organization designed to promote friendship and community access for adults with developmental disabilities through community partnerships.
- Acquired extensive knowledge of mental retardation and autism, learned people-first language techniques, familiarized with attitudinal barriers, helped foster self-efficacy using various methods.

***Activities Therapist,* Private Employer** January - June 2004

- Designed workout agendas, formulated weight-loss and fitness goals, administered medication, frequently managed mild to severe seizures, and further developed skills to effectively interact with individuals demonstrating special needs.

SPECIALIZED TRAINING AND OTHER PROFICIENCIES

- Neuropsychological assessment
- Biological specimens collection and universal precautions
- Psychophysiological research methodologies and data reduction and scoring
- Experience moderating focus groups
- Experience working closely with developmentally disabled individuals
- Extensive experience with statistical analysis software programs SPSS, HLM, Winsteps

WORKSHOPS AND CERTIFICATE COURSES

- ***Essential Methodological Topics in Clinical Psychiatric Research*** (Fall 2012). Audited course at Stanford University taught by Helena Kraemer and Booil Jo.
- ***Human Sexuality Training Seminar*** (2012). Palo Alto Veterans Affairs Health Care System.
- ***Problem Gambling*** (2012). NICOS Chinese Health Coalition
- ***Substance Abuse Lecture Series*** (July-December 2011). San Francisco Veterans Affairs Medical Center.
- ***Acceptance and Commitment Therapy: 1 day advanced experiential and training workshop*** (2011). Presented by Robyn Walser at the San Francisco VA Medical Center.
- ***Advanced Applied Psychophysiological Research Methods Training Clinic*** (2010). Presented by Terry Blumenthal at the University of Illinois Chicago.
- ***Advanced Workshop in Cognitive Processing Therapy*** (2010). Presented by Patricia Resick at the Association for Behavioral and Cognitive Therapy.
- ***DBT and CBT for Emotion Dysregulation*** (2010). Presented by Ed Craighead and Lori Ritschel at the Association for Behavioral and Cognitive Therapy.
- ***Alcohol Dependence and PTSD*** (2010). Presented by Edna Foa at the Association for Behavioral and Cognitive Therapy.
- ***Hierarchical Linear Modeling Workshop*** (2010). Presented by Steve Raudenbush and Tony Bryk at the University of Chicago.
- ***Integrated Care for Adolescents with Trauma and Substance Abuse: Training for a manualized therapeutic approach*** (2010). Presented by Liza Suarez and sponsored by SAMHSA as part of the National Child Traumatic Stress Network.
- ***Introduction to Structural Equation Modeling Workshop*** (2010). Presented by Gregory Hancock at the Association for Psychology Science in Boston, MA.
- ***Growth Modeling with Latent Variables Using MPLUS***: Introductory, Intermediate and Advanced Growth Models, Survival Analysis, and Missing Data (2009). Presented by Muthen and Muthen at the Johns Hopkins School of Public Health.
- ***Wechsler Memory Scale – Forth Edition Training (WAIS-IV)*** (2009).
- ***Tourette Syndrome Workshop*** (2009). Presented by Douglas Woods and sponsored by the Tourette Syndrome Association.
- ***Wechsler Adult Intelligence Scale – Forth Edition Training (WAIS-IV)*** (2008).
- ***Motivational Interviewing Workshop***; Howard Brown Health Center, (2008)

Learned to increase effectiveness in implementing the fundamental principles of MI

- ***SPSS Workshop***; Center for Information Technology, NIH, (Fall 04', Spring 05', Spring 06')
- ***Principles of Clinical Pharmacology***; National Institutes of Health, (09/04-04/05)
  Developed basic understanding of pharmacokinetics, drug metabolism and transport, drug therapy in special populations, drug development and utilization, assessment of drug effect
- ***Basic Spanish***; Johns Hopkins Medical Campus, (09/04 – 12/04)
  Learned to apply the Spanish language in health care and research settings

SERVICE WORK

- **Baltimore Animal Rescue and Care Shelter,** January – August 2006; adoption counselor
- **UNC Dance Marathon,** September 2001-Februrary 2004; Served on publicity committee to raise money for families experiencing financial hardship due to long-term hospitalization of a child
- **Habitat for Humanity,** March 1998 - April 2003; Summers (Dallas, Chicago) and Weekends (Moore County, Orange County North Carolina).