

## Curriculum Vitae

Thomas Robert Kirchner, Ph.D.

### **WORK ADDRESS**

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### **EDUCATION**

- 2008 – 2009 Post-Doctoral Fellowship. Substance Use Disorders Fellowship Program.  
Center for Treatment of Addictive Disorders, VA Pittsburgh Health System
- 2008 Ph.D., Clinical and Biological/Health Psychology, University of Pittsburgh  
Dissertation: *Relapse dynamics during smoking cessation*.  
Committee: Shiffman (Chair), Sayette, Wileyto, Cheong, & Klein
- 2007 – 2008 Internship in Clinical Psychology. VA Pittsburgh Healthcare System.
- 2004 M.S., Clinical and Biological/Health Psychology, University of Pittsburgh  
Master's Thesis: *Effects of alcohol in social context*.  
Committee: Sayette (Chair), Cohn, Moreland & Levine
- 1999 B.A., Psychology, Statistics Minor, *summa cum laude*, University of Wyoming  
Honors Thesis: *Brain vasopressin and sodium appetite* (Advisor: Flynn).

### **PROFESSIONAL AND ACADEMIC APPOINTMENTS**

- 2010 – Present Assistant Professor (Adjunct). Department of Health, Behavior and Society,  
Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
- 2009 – Present Research Investigator. Schroeder Institute for Tobacco Research and Policy,  
American Legacy Foundation, Washington, DC

### **PROFESSIONAL CERTIFICATION**

- 2008 – Present Certified MINT Trainer. Motivational Interviewing Network of Trainers

**AWARDS AND HONORS**

2011	Fellow, NIH OBSSR Institute on Mobile Health (mHealth)
2010	Fellow, NIH OBSSR Institute on Systems Science and Health
2007	Bassell Outstanding Student in Clinical Psychology, University of Pittsburgh
2006	E.B. Huey Research Award, University of Pittsburgh
2003, '06, '07	Bassell Publication Award, University of Pittsburgh
1999	Outstanding Graduate Award, Arts and Sciences, University of Wyoming
1997-1999	Lillian Portenier Scholarship, University of Wyoming

**RESEARCH GRANTS AND CONTRACTS**

1. Principal Investigator. *Comparative effectiveness of web-based mobile support for the DC Tobacco Quitline*. National Institute on Drug Abuse. American Recovery and Reinvestment Act Challenge Grant #RC1 DA028710: \$977,342. Funded Sept. 30, 2009 – Sept. 29, 2011.
2. Principal Investigator. *Ecological surveillance of point-of-sale tobacco marketing across Washington, DC*. District of Columbia Department of Health. Centers for Disease Control and Prevention, Communities Putting Prevention to Work Contract: \$97,165. Funded March 1, 2011 – March 29, 2012

**PEER-REVIEWED PUBLICATIONS**

1. Flynn, F.W., **Kirchner, T.R.**, & Clinton, M.E. (2002). Brain vasopressin and sodium appetite. American Journal of Physiology, 282, R1236-R1244.
2. **Kirchner, T.R.**, & Sayette, M.A. (2003). Effects of alcohol on controlled and automatic memory processes. Experimental and Clinical Psychopharmacology, 11(2), 167-175. **(Featured in the May, 2003 issue of the APA monitor)**
3. Sayette, M.A., **Kirchner, T.R.**, Moreland, R.M., Levine, J.L., & Travis, T. (2004). Effects of alcohol on risk-seeking behavior: A group-level analysis. Psychology of Addictive Behaviors, 18(2), 190-93.
4. Sayette, M.A., Loewenstein, G., **Kirchner, T.R.**, & Travis, T. (2005). Effects of smoking urge on temporal cognition. Psychology of Addictive Behaviors, 19(1), 88-93.
5. **Kirchner, T.R.**, Sayette, M., Cohn, J., Moreland, R., & Levine, J. (2006). Effects of alcohol on group formation among male social drinkers. Journal of Studies on Alcohol, 67, 785-89.
6. Campbell, S., Matestic, P., von Stauffenberg, C., Mohan, R., & **Kirchner, T.R.** (2007). Trajectories of maternal depressive symptoms, maternal sensitivity, and children's functioning at school entry. Developmental Psychology, 43(5), 1202-1215.

7. Rutstein, L., Johnson, R., Poller, W., Dabbs, D., Groblewski, J., Rakitt, T., Tsung, A., **Kirchner, T.R.**, et al. (2007). Predictors of residual invasive disease after core needle biopsy diagnosis of ductal carcinoma in situ. *The Breast Journal*, 13(3), 251-257.
8. **Kirchner, T.R.** & Sayette, M.A. (2007). Effects of smoking abstinence and alcohol consumption on smoking-related outcome expectancies in heavy smokers and tobacco chippers. *Nicotine and Tobacco Research*, 9(3), 365-376.
9. Shiffman, S., **Kirchner, T.R.**, Ferguson, S., & Scharf, D. (2009). Patterns of intermittent smoking: An analysis using ecological momentary assessment. *Addictive Behaviors*, 34, 514-19
10. Shiffman, S. & **Kirchner, T.R.** (2009). Cigarette-by-cigarette satisfaction during ad libitum smoking. *Journal of Abnormal Psychology*, 118(2), 348-59
11. Dunbar, M., Scharf, D., **Kirchner, T.R.**, & Shiffman, S. (2010). Do smokers crave cigarettes in some smoking situations more than others? Situational correlates of cigarette cravings. *Nicotine and Tobacco Research*, 12(3), 226-34.
12. **Kirchner, T.R.**, Shiffman, S., & Wileyto, E.P. (in press). Relapse dynamics during smoking cessation: Recurrent abstinence violation effects and lapse-relapse progression. *Journal of Abnormal Psychology*.

#### **MANUSCRIPTS UNDER PEER-REVIEW:**

Shiffman, S., Dunbar, M., Li, X., & **Kirchner, T.R.** (under review). Craving and smoking in response to diverse cues. *Journal of Abnormal Psychology*.

#### **MANUSCRIPTS IN PREPARATION:**

Kirchner, T.R., Jamner, L., Niaura, R., & Rende, R. (in preparation). Ecological momentary assessment of subjective and “subjective” predictors of health-risk behavior.

Kirchner, T.R., & Niaura, R. (in preparation). Factor mixture modeling of nicotine sensitivity following 24-hour smoking abstinence.

#### **INVITED PAPERS, COLLOQUIA AND WORKSHOPS**

1. Kirchner, T.R. (October 29, 2009). Web-based mobile support for the DC Tobacco Quitline. In an invited symposium on “Healthy Behavior Change and Wellbeing Promotion” at the Foundation for the National Institutes of Health mHealth Summit, Washington, DC.
2. Shiffman, S., Dunbar, M., Li, X., Tindle, H., & Kirchner, T.R. (February 17, 2011). Craving and smoking in response to diverse cues. In an invited symposium on “Cue Reactivity: From Basic Science to Smoking Cessation” (S. Shiffman, chair) at the Society for Research on Nicotine and Tobacco 17<sup>th</sup> Annual Meeting, Toronto, Canada.
3. Kirchner, T.R. Expert Review Panel Member. Centers for Disease Control and Prevention (CDC) Office on Smoking and Health (OSH) expert panel on “Rapid Response Surveillance Methodologies for Tobacco Control,” Atlanta, GA.

**CONFERENCE PRESENTATIONS**

1. Kirchner, T.R., Clinton, M.E., & Flynn, F.W. (February 9, 1999). Brain vasopressin and sodium appetite. Presented at the 20<sup>th</sup> Annual Winter Neuropeptide Conference, Breckenridge, CO.
2. Kirchner, T.R., Wertz, J., & Sayette, M.A. (February, 2001). Effects of smoking opportunity on attentional bias in smokers. Presented at the 5<sup>th</sup> Annual Health Psychology and Behavioral Medicine Poster Session, University of Pittsburgh, Pittsburgh, PA.
3. Kirchner, T.R., & Sayette, M.A. (June 29, 2002). Effects of alcohol on controlled and automatic memory processes. Presented at the 25<sup>th</sup> Annual Meeting of the Research Society on Alcoholism, San Francisco, CA.
4. Kirchner, T.R., & Sayette, M.A. (February 14, 2003). Acute effects of alcohol in social context. Presented at the 7<sup>th</sup> Annual Health Psychology and Behavioral Medicine Poster Session, University of Pittsburgh, Pittsburgh, PA.
5. Rutstein, L.A., Johnson, R., Poller, W., Dabbs, D., Rakitt, T.S., Groblewski, J., Tsung, A., Kirchner, T.R., & Falk, J. (March 5, 2003). Image guided core needle biopsy for DCIS: Is this accurate? Presented at the 56<sup>th</sup> Annual Society of Surgical Oncology Cancer Symposium, Los Angeles, CA.
6. Kirchner, T.R., & Sayette, M.A. (February 27, 2004). Acute effects of alcohol on social cognition and behavior. Presented at the 8<sup>th</sup> Annual Health Psychology and Behavioral Medicine Poster Session, University of Pittsburgh, Pittsburgh, PA.
7. Kirchner, T.R., Sayette, M.A., Klein, W.M.P., & Griffin, K.M. (March 25, 2004). Drug craving, social comparison, and perceived addiction among continuing smokers. Presented at the Society of Behavioral Medicine Annual Meeting and Scientific Sessions, Baltimore, MD
8. Kirchner, T.R., Griffin, K.M., & Sayette, M.A. (April 16, 2005). Nicotine deprivation, alcohol intoxication, and smoking-related outcome expectancies among heavy smokers and tobacco chippers. Presented at the 26<sup>th</sup> Society of Behavioral Medicine Annual Meeting and Scientific Sessions, Boston.
9. Sayette, M.A., & Kirchner, T.R. (October 7, 2005). A motivated reasoning analysis of the effects of cigarette craving on generation and evaluation of smoking-related information. Presented at the Society of Experimental Social Psychology, Preconference Seminar on Applying Self-Theories to Health Outcomes, San Diego, CA.
10. Griffin, K., Sayette, M.A., & Kirchner T.R. (February 17, 2006). The association between measures of cue reactivity and difficulty remaining abstinent from smoking. Presented at the Society for Research on Nicotine and Tobacco 12<sup>th</sup> Annual Meeting, Orlando, FL.
11. Kirchner, T.R., Levine, M., & Marcus, M. (February 16, 2006). Bupropion and predictors of smoking withdrawal in women quitters concerned about weight gain: A multilevel growth modeling analysis. Presented at the Society for Research on Nicotine and Tobacco 12<sup>th</sup> Annual Meeting, Orlando, FL.

12. Dunbar, M., Scharf, D.M., Kirchner, T.R., & Shiffman, S. (Feb 24, 2007). Craving trajectories approaching target quit day are related to achievement of initial (24H) abstinence. Presented at the Society for Research on Nicotine and Tobacco Annual Meeting, Austin, TX
13. Kirchner, T.R., Shiffman, S., & Cheong, J. (February 24, 2007). Modeling the abstinence-violation effect during smoking cessation. Presented at the Society for Research on Nicotine and Tobacco 1<sup>3th</sup> Annual Meeting, Austin, TX.
14. Dunbar, M., Scharf, D.M., Kirchner, T.R., & Shiffman, S. (February 28, 2008). Situational correlates of cravings when smoking. Presented at the Society for Research on Nicotine and Tobacco 14<sup>th</sup> Annual Meeting, Portland, OR.
15. Scharf, D.M., Tindle, H., Kirchner, T.R., & Shiffman, S. (February 28, 2008). Validation of a set of stimuli to assess reactivity to multiple smoking cues. Presented at the Society for Research on Nicotine and Tobacco 14<sup>th</sup> Annual Meeting, Portland, OR.
16. Shiffman, S., Kirchner, T.R., Ferguson, S., Sharf, D., Dunbar, M., & Gitomer, A. (February 28, 2008). Real-world smoking patterns in non-daily smokers. Presented at the Society for Research on Nicotine and Tobacco 14<sup>th</sup> Annual Meeting, Portland, OR.
17. Kirchner, T.R., & Shiffman, S. (February 28, 2008). Immediate satisfaction with smoking in the natural environment. Presented at the Society for Research on Nicotine and Tobacco 14<sup>th</sup> Annual Meeting, Portland, OR.
18. Kirchner, T.R., Shiffman, S., & Wileyto, E.P. (March 1, 2008). Recurrent abstinence-violation effects during lapse-relapse progression. Presented at the Society for Research on Nicotine and Tobacco 14<sup>th</sup> Annual Meeting, Portland, OR.
19. Kirchner, T.R., Cobb, N.K., Graham, A., Abrams, D.B., & Shiffman, S. (February 25, 2010). Web-based mobile support for the DC Tobacco Quitline. Presented at the Society for Research on Nicotine and Tobacco 16<sup>th</sup> Annual Meeting, Baltimore, MD.
20. Griffin, K.M., Sayette, M.A., Kirchner, T.R., et al. (June 28, 2010). Effects of alcohol on social behavior: A dynamic facial coding analysis. Presented at the Research Society on Alcoholism Annual Meeting, San Antonio, TX.
21. Forman S, Meyers, B., Pizarov, L., Kirchner T.R., et al. (July 28, 2010). Smoking cue-reactivity and relapse risk. Presented at the Annual Veterans Administration Mental Health Conference, Baltimore, MD.
22. Forman S, Regan, K., Meyers, B., Kirchner T.R., et al. (July 28, 2010). Brain error activity predicts smoking relapse risk. Presented at the Annual Veterans Administration Mental Health Conference, Baltimore, MD.
23. Dunbar, M., Shiffman, S., Ferguson, S., Kirchner, T.R., Tindle, H., & Scholl, S. (February 18, 2011). The relationship between nicotine dependence and cue-induced cigarette craving. Presented at the Society for Research on Nicotine and Tobacco 17<sup>th</sup> Annual Meeting, Toronto, Ontario, Canada.

24. Dunbar, M., Shiffman, S., Ferguson, S., Tindle, H., & Kirchner, T.R. (April 28, 2011). The relationship between nicotine dependence and cue-induced cigarette craving. Presented at the Society of Behavioral Medicine 32<sup>nd</sup> Annual Meeting, Washington, DC.

### **PEER REVIEW EXPERIENCE**

Ad hoc Reviewer: Addiction  
Addictive Behaviors  
Annals of Behavioral Medicine  
Health Psychology  
Journal of Studies on Alcohol  
Nicotine and Tobacco Research  
Psychology and Health  
Psychopharmacology

National Grant Peer Review:

Review Committee Member. Study Section: ZRG1 RPHB G-02 Dates of Service: 2010

### **RESEARCH MENTORSHIP**

Sagina Wahi (June, 2010 – present): Master of Public Health Practicum Preceptor:  
 George Washington University School of Public Health and Health Services

Sarah Cha (July, 2010 – present): Master of Health Science Field Placement Preceptor:  
 Johns Hopkins Bloomberg School of Public Health

Phillip Dubois (January 2011 – present): Internship Preceptor: University of DC

Matthew de Gannes (January 2011 – present): Internship Preceptor: Gettysburg College

Melanie Countee (June, 2010 – August 2010): Summer Research with NIDA Preceptor:  
 National Institute on Drug Abuse.

Jonathan Ezana (June, 2010 – August 2010): Summer Research with NIDA Preceptor:  
 National Institute on Drug Abuse.

Michael Dunbar (2006-2007): Senior Honors Thesis Co-Supervisor, University of Pittsburgh

Allison Gitomer (2007): Directed Research Supervisor, University of Pittsburgh

J. Elizabeth Strohm (2004-2005): Senior Honors Thesis Supervisor, University of Pittsburgh

Michael Hout (2004-2005): Directed Research Supervisor, University of Pittsburgh

Jennifer Dettlerline (2003-2004): Senior Honors Thesis Supervisor, University of Pittsburgh

### **PROFESSIONAL ASSOCIATIONS**

American Psychological Association; Division 38 (Health); Division 50 (Addiction Psychology)

American Public Health Association

Motivational Interviewing Network of Trainers

Society for Research on Nicotine and Tobacco

Society of Behavioral Medicine

### **TEACHING EXPERIENCE**

Teaching Fellow / Instructor: Health Psychology, University of Pittsburgh, Spring 2006

Guest Lecturer: Health Psychology, University of Pittsburgh, 2005

Guest Lecturer: Alcohol Use and Abuse, University of Pittsburgh, 2004

Teaching Assistant: Abnormal Psychology, University of Pittsburgh, Fall 2000

Teaching Assistant: Introductory Psychology, University of Pittsburgh, Fall 2000

**ADMINISTRATIVE EXPERIENCE**

Program Committee Chair

Washington DC Tobacco Free Coalition (2010 – present)

Research Representative

Washington DC Tobacco Free Coalition (2009 – 2010)

DC Community Advisory Board Member: Office of Minority Health and Health Disparities,  
Lombardi Comprehensive Cancer Center, Georgetown University (2009 – present)

University of Pittsburgh Cancer Institute Faculty Search Committee Member

University of Pittsburgh (2004 – 2005)

Clinical Psychology Program Student Representative:

University of Pittsburgh Department of Psychology (2001 – 2002)