

IN THE CIRCUIT COURT OF COLE COUNTY, MISSOURI

STATE OF MISSOURI, *ex rel.*)
RYAN FERGUSON,)
)
Petitioner,)
)
v.)
)
DAVE DORMIRE, Superintendent,)
Jefferson City Correctional Center,)
)
Respondent.)

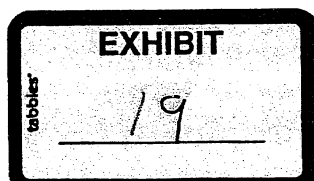
Case No. _____

AFFIDAVIT OF DR. KIM FROMME

Now comes your affiant, Dr. Kim Fromme, and states under oath as follows:

1) I am Professor of Clinical Psychology at The University of Texas at Austin where I teach courses on Abnormal Psychology and Psychological Assessment. I specialize in the effect of alcohol intoxication on cognitive processes, especially alcohol-induced blackouts. I am a Fellow of the American Psychological Association (APA) and former president of the APA Division on Addictions. (Attached as Exhibit A is a copy of my Curriculum Vitae)

2) I received my doctorate from the University of Washington in 1988 and have served as Principal Investigator on several large federally funded grants from the National Institute on Alcohol Abuse and Alcoholism. My research focuses on alcohol use



and the effects of alcohol on cognition and behavior. I have published more than 65 peer-reviewed journal articles on these topics.

3) I have testified in three criminal cases as an expert for the defense on the incidence and effects of alcohol-induced blackouts. These cases have involved my testimony about the defendants' lack of memory regarding the incidents due to alcohol-induced blackouts.

4) I have been retained by attorney Kathleen Zellner as a defense expert on alcohol intoxication and alcohol-induced blackouts in the case of *State of Missouri ex. rel. Ryan Ferguson v. David Dormire, Superintendent Jefferson City Correctional Center*. I understand that Ms. Zellner represents Ryan Ferguson on the appeal of his criminal conviction for second degree murder. I have not met and do not personally know Ryan Ferguson or Charles Erickson. If called as an expert witness, I would offer the opinions stated below.

5) I have reviewed the trial testimony of Mr. Charles Erickson, Delany Dean, Ph. D. and Elizabeth Loftus, Ph. D. I have also seen a photograph from the Halloween party attended by Mr. Erickson on October 31, 2001 and have obtained information about Mr. Erickson's reported alcohol consumption on October 31 to November 1, 2001.

6) On the night of October 31 to November 1, 2011, Mr. Erickson attended a Halloween party and went to the By George nightclub. Based on the information provided by Mr. Erickson to his attorney which was then provided to me, Mr. Erickson consumed approximately 10 sixteen ounce beers and 3-4 amaretto sour mixed drinks. This binge style of heavy episodic drinking is typical among teens and college students, and based on my research (e.g., Hartzler & Fromme, 2003a; 2003b; Wetherill & Fromme,

2009) and that of others (e.g., White, 2003) results in alcohol-induced blackouts for approximately 50% of college-age drinkers.

7) Alcohol-induced blackouts are defined as amnesia for all or part of a drinking episode. They involve primarily anterograde amnesia, meaning memory loss for events occurring after alcohol intake. Blackouts also involve impairments in episodic memory, specifically memories for the emotional, spatio-temporal, and social context of events (e.g., where you were, what events transpired). Based on their duration and the extent of memory loss, there are two types of blackouts: en bloc and fragmentary. In the case of en bloc blackouts, periods of time or activities are permanently lost from memory. In the case of fragmentary blackouts, periods of time or activities are lost from memory, but can be retrieved with appropriate cuing (e.g., reminders from friends; situational cues).

8) My recent research using Functional Magnetic Resonance Imaging (fMRI) has shown that alcohol intoxication differentially influences the brain in people who experience alcohol-induced blackouts (Wetherill & Fromme, under review). Specifically, when intoxicated, the brain regions that underlie episodic memory are under-activated, making certain people less able to recall episodic memories (e.g., where they were, whom they were with, and what they were doing).

9) Testimony by Dean Delaney, Ph. D. at Ryan Ferguson's post-conviction hearing focused on the possibility that Mr. Erickson's diagnosis of Obsessive Compulsive Disorder (OCD) contributed to obsessions that he had hurt someone and to a subsequent belief that he had contributed to the death of Mr. Heitholt. The evidence provided about Mr. Erickson's OCD symptoms instead focused on concern about contamination while in

jail, and no evidence was presented that would support obsessions as an explanation for Mr. Erickson's admission of guilt in Mr. Heitholt's death.

10) In examination of Elizabeth Loftus, Ph. D. , Dissociative Amnesia was suggested as a possible explanation for Mr. Erickson to repress, and later recover, memories of contributing to Mr. Heitholt's death. The prevalence of Dissociative Amnesia is estimated from 2% to 3.4% in the general population (Maaranen, Tanskanen, Honkalaampi, Haatainen, Hintikka, & Viinamake, 2004; Seedat, Stein, & Forde, 2003). This rare disorder is an unlikely explanation for Mr. Erickson's pattern of memory failures.

11) In contrast, Mr. Erickson's testimony is consistent with having experienced an alcohol-induced blackout, as evidenced by the many episodic autobiographical facts he could not remember.

12) It is well-established in the psychological literature that when individuals are asked to describe or explain events or actions they do not recall, they will often construct memories to fill in the blanks. This is evidenced in the confabulation that is notorious in alcoholic Korsakoff's patients, and has been repeatedly demonstrated in experimental studies of college students (see for example "False Memories" by Gerrie, Garry, & Loftus, in "Psychology and the Law: An empirical perspective" 2005, Guilford Press). This process was described in detail in Dr. Loftus' testimony.

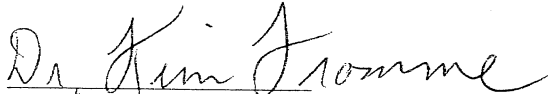
13) The progression from vague memories which came to Mr. Erickson like "snapshots" and "like if you pause a movie" to being "100% certain..." suggests that memories were being created each time Mr. Erickson was questioned about the night of October 31 to November 1, 2001, or as he read more and more information from

newspaper accounts and police reports. The construction of memories is not necessarily a malicious attempt to lie, but is rather a psychological process whereby people attempt to make sense of their own experience in the absence of clear memories. Alterations in memories can be prompted by repeated questioning, as in the case with Mr. Erickson, or by provision of information (Toland, Hoffman, & Loftus, 1991).

14) I can say with a reasonable degree of psychological certainty that Charles Erickson was experiencing alcohol-induced blackouts during the night of October 31 to November 1, 2001, and his own report of alcohol use and hangover, combined with his initial inability to clearly recall his own behavior, is entirely consistent with the experience of alcohol-induced blackouts. Based on prevalence rates, it is far more likely that he experienced both fragmentary blackouts (whereby he remembered events only after being provided with information) and en bloc blackouts (whereby he never recalled certain aspects of the night) than that he suffered from Dissociative Amnesia or that Obsessive Compulsive Disorder led him to believe that he murdered Mr. Heitholt.

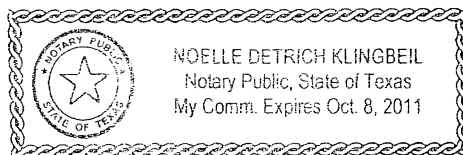
15) Consistent with the psychological tendency to construct memories, it is also plausible that Mr. Erickson used information from events he could remember (e.g., needing more money for drinks at By George), or from what people may have told him (e.g., how many times Mr. Heitholt was struck), to construct an explanation for the experiences he could not remember due to alcohol-induced blackouts. If Mr. Erickson was experiencing fragmentary and en bloc blackouts during October 31 to November 1, 2001, his self-report of events that transpired is unreliable.

FURTHER AFFIANT SAYETH NAUGHT


Dr. Kim Fromme

Subscribed to Before
Me this 8th day of
February, 2011.

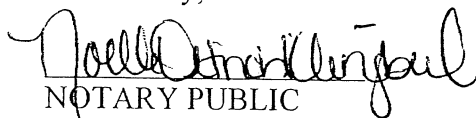

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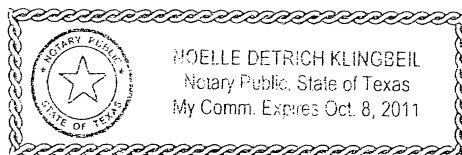


List of Cited Studies in Declaration by Dr. Kim Fromme

- Gerrie, M.P., Garry, M., & Loftus, E.E. (2005). False memories. In N. Brewer & W. D. Kipling (Eds.) *Psychology and law: An Empirical Perspective*, pp. 222-253. New York: Guilford Press.
- Hartzler, B. & Fromme, K. (2003a). Fragmentary blackouts: Their etiology and impact on alcohol expectancies. *Alcoholism: Clinical and Experimental Research*, 27, 628-637.
- Hartzler, B. & Fromme, K. (2003b). Fragmentary and en bloc blackouts: Similarity and distinction among episodes of alcohol-induced memory loss. *Journal of Studies on Alcohol*, 64, 551-554.
- Maaranen, P., Tanskanen, A., Honkalampi, K. Haatainen, K., Hintikka, J., & Viinamaki, H. (2004). Factors associated with pathological dissociation in the general population. *Australian and New Zealand Journal of Psychiatry*, 39, 387-394.
- Seedat, S., Stein, M.B., & Forde, D.R. (2003). Prevalence of dissociative experiences in a community sample. *Journal of Nervous and mental Disorders*, 191, 115-120.
- Toland, K., Hoffman, H., & Loftus, E.E. (1991). How suggestion plays tricks with memory. In J.F. Schumaker (Ed). *Human suggestibility: Advances in theory, research, and application*. pp. 235-2525, Taylor & Frances: KY.
- Wetherill, R.R. & Fromme, K. (2009). Subjective responses to alcohol prime event-specific consumption and negative consequences. *Journal of Studies on Alcohol and Drugs*, 70, 593-600.
- Wetherill, R.R. & Fromme, I. (under review). An fMRI study of fragmentary blackouts and the acute effects of alcohol on source memory.
- White, A.M. (2003). What happened? Alcohol, memory blackouts, and the brain. *Alcohol Research & Health*, 27, 186-196.

SUBSCRIBED and SWORN to
Before me this 8th day
of February, 2011


NOTARY PUBLIC



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Curriculum Vita
Kim Fromme, Ph.D.
Revised 1/20/2011

Contact Information

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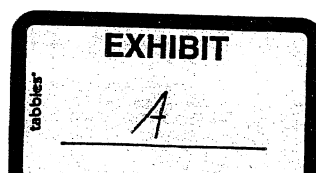
Education

1988	Ph.D. The University of Washington Seattle, WA
1987-1988	Clinical Psychology Internship Veterans Administration Medical Center Palo Alto, CA
1982	B.S. The University of Washington Seattle, WA

Positions Held

2005 to Present	Professor Department of Psychology The University of Texas Austin, TX
1998 - 2005	Associate Professor Department of Psychology The University of Texas Austin, TX
1993-1997	Assistant Professor Department of Psychology The University of Texas Austin, TX
1988-1993	Assistant Professor Department of Psychology University of Delaware Newark, DE

Grants Completed (past 10 years)



- 2003-2010 Principal Investigator
 Title: "Alcohol and behavioral risks throughout college"
 Source: National Institute on Alcohol Abuse and Alcoholism
 Funding: \$3,326,558
- 1-2002 Principal Investigator
 Title: "Impulsivity as a biological marker for binge drinking"
 Source: Texas Commission on Alcohol and Drug Addiction
 Funding: \$75,000
- 1-2002 Co-Investigator
 Title: "Internet-based alcohol information for college students"
 Source: National Institute on Alcohol Abuse and Alcoholism
 Funding: \$561,915
- 1998 - 2002 Principal Investigator
 Title: "Prevention of binge drinking and associated consequences"
 Source: National Institute on Alcohol Abuse and Alcoholism
 Funding: \$465,989

Grants (pending)

- 2011-2016 Principal Investigator
 Title: "Genetic mechanisms of behavior change in drinking and deviant behaviors"
 Source: National Institute on Alcohol Abuse and Alcoholism
 Requested funding: \$3,373,676

Professional Affiliations and Activities

President-elect (2005-2006), President (2006-2007), Past-president (2007-2008),
 Division 50 (Addictions), American Psychological Association
 Member, Board of Directors, Research Society on Alcoholism, 2005-2009
 Program Co-Chair (2005) and Program Committee (2004, 2006), Research Society on Alcoholism
 Cluster Representative, Division 50, American Psychological Association, 2002 and 2003
 Member at Large, American Psychological Association, Division 50, 1998-2001
 Fellow, American Psychological Association and Division 50
 President, Special Interest Group in Addictive Behaviors, AABT, 1996-1998

Editorial Boards and Consultation

Editorial Board *Journal of Studies on Alcohol*, 2001- present
 Editorial Board *Journal of Psychopathology and Behavioral Assessment*, 2004-present
 Editorial Board, *Anuario de Investigacion en Adicciones*, 2002 - present
 Editorial Board *Psychology of Addictive Behaviors*, 1993, 1999 - 2008
 Associate Editor *Psychology of Addictive Behaviors*, 1994 to 1996
 Ad hoc reviewer: *Journal of Abnormal Psychology*, *Health Psychology*, *Experimental and Clinical Psychopharmacology*, *Addiction*, *Journal of Applied Social Psychology*, *Cognitive Therapy and Research*, *Psychological Assessment*, *Journal of Consulting and Clinical Psychology*, *Psychology of Addictive Behaviors*, *Behavioral Research and Therapy*, *Drug and Alcohol Dependence*, *AIDS and Behavior*, *International Journal of Drug Policy*, *Psychology of Women Quarterly*, *Journal of Substance Abuse Treatment*, and *Psychopharmacology*, *Archives of General Psychiatry*, *Alcohol Research & Health*.

Grant Review Committees

Member, Center for Scientific Review ZRG1 RPHB-C (02), December 2010
 Chair, Center for Scientific Review ZRG1 RPHB-C (04), August 2010
 Member, Scientific Advisory Board, Alcoholic Beverage Medical Research Foundation, 2009-2011
 Member, Center for Scientific Review ZRG1 PHHB E (58) R, June 2009
 Member, Grant Review Panel, Alcoholic Beverage Medical Research Institute, April, 2008
 Member, Center for Scientific Review SEP, ZRG1-RPHB-H (90) (S), March, 2006
 Member, Center for Scientific Review SEP, ZRG1 RPHB-H (60), June, 2006
 Member, Center for Scientific Review SEP, ZRG RPHB-H (90, 91, 92), November, 2005
 Member, Center for Scientific Review SEP, ZRG1 RPHB-H (90) (R), March, 2005
 Member, NIAAA Special Review Panel, ZAA1 HH (36), July, 2004
 Member NIAAA Clinical and Treatment Initial Review Group, 1999-2003
 Member NIAAA Special Review Panel ZAA1-BB 17, May, 2003
 NIAAA, Small Grants Review Committee; December, 1994
 NIAAA, SBIR Technical Review Committee; May 1993
 Special NIAAA Review Panel (SRCA67); January 1993

Local Service and Recent Awards

Diversity Mentoring Fellowship 2010-2011
 Member, Promotion and Tenure Committee (Beevers) 2009-2010
 Dean's Fellowship, 2008-2009
 University Search Committee for VP and Director of Research Support 2008-2009
 Reviewer, UT Research Grant Program, 2007-2008
 Big XII Faculty Fellowship 2006-2007
 Psychology Representative to Parents Day 2006
 University Research Internship Selection committee 2007-2009
 Chair, Promotion and Tenure Committee (Jones) 2007-2008
 Member, Clinical Area Faculty Search Committee 2006-2007
 Member, Promotion and Tenure committee (Alcantara) 2005-2006
 University Search Committee for VP of Office of Sponsored Projects 2005-2006

Peer-reviewed journal articles

- Hatzenbuehler, M.L., Corbin, W.R. & Fromme, K. (in press). Discrimination and alcohol-related problems in college students: A prospective examination of mediating effects. *Drug and Alcohol Dependence*.
- Iwamoto, D., Corbin, W.R., & Fromme, K. (in press). Broad social motives, alcohol use, and related problems: Mechanisms of risk from high school through college. *Addictive Behaviors*.
- Quinn, P.D. & Fromme, K. (in press). Predictors and outcomes of variability in subjective alcohol intoxication among college students: An event-level analysis across four years. *Alcoholism: Clinical and Experimental Research*.
- Iwamoto, D., Corbin, W.R., & Fromme, K. (in press). Trajectory classes of heavy episodic drinking among Asian American college students. *Addiction*.
- Quinn, P.D. & Fromme, K. (2010). Self-regulation as a protective factor against risky drinking and sexual behavior. *Psychology of Addictive Behaviors*, 24, 376-385.
- Stappenbeck, C.A., Quinn, P.D., Wetherill, R.R., & Fromme, K. (2010). Perceived norms for drinking in the transition from high school to college and beyond. *Journal of Studies on Alcohol and Drugs*, 71, 895-903.

Peer-reviewed journal articles (continued)

- Fromme, K., Wetherill, R.R., and Neal, D.J. (2010). Turning 21 and the associated drinking and driving after drinking among college students. *Journal of American College Health*, 59, 1-6.
- Stappenbeck, C.A. & Fromme, K. (2010). A longitudinal investigation of alcohol use and physical dating violence in men and women. *Addictive Behaviors*, 35, 479-485.
- Stappenbeck, C.A. & Fromme, K. (2010). Alcohol use and perceived social and emotional consequences among perpetrators of general and sexual aggression. *Journal of Interpersonal Violence*, 25, 699-715.
- Brister, H.A, Wetherill, R.R., & Fromme, K. (2009). Anticipated versus actual alcohol consumption during 21st birthday celebrations. *Journal of Studies on Alcohol and Drugs*, 71, 180-183.
- Vaughan, E.L, Corbin, W.R, & Fromme, K. (2009). Academic and social motives/behaviors and alcohol use: Differences by gender, race/ethnicity, and family history of alcohol problems. *Psychology of Addictive Behaviors*, 23, 564-576.
- Wetherill, R.R. & Fromme, K. (2009). Subjective responses to alcohol prime event-specific consumption and negative consequences. *Journal of Studies on Alcohol and Drugs*, 70, 593-600.
- Wetherill, R., Neal, D.J. & Fromme, K. (2009). Perceived awareness and caring from parents and peers influences sexual behavior among college students. *Archives of Sexual Behavior*, 39, 682-694.
- Leeman, R.F., Corbin, W.R., & Fromme, K. (2009). Craving predicts within session drinking behavior following placebo. *Personality and Individual Differences*, 46, 693-698.
- Fromme, K., Corbin, W.R., & Kruse, M.I. (2008). Behavioral risks during the transition from high school to college. *Developmental Psychology*, 44, 1497-1504.
- Hatzenbuehler, M.L., Corbin, W.R., & Fromme, K. (2008). Trajectories and determinants of alcohol use among LGB young adults and their heterosexual peers: Results from a prospective study. *Developmental Psychology*, 44, 81-90.
- Corbin, W.R., Gearhardt, A., & Fromme, K. (2008). Stimulant alcohol effects prime within session drinking behavior. *Psychopharmacology*, 197, 327-333.
- Corbin, W.R., Vaughan, E.L., & Fromme, K. (2008). Ethnic differences and the closing of the gender gap in alcohol use among college bound students. *Psychology of Addictive Behaviors*, 22, 240-248.
- Neal, D.J. & Fromme, K. (2007). Hook 'em horns and heavy drinking: Alcohol use and collegiate sports. *Addictive Behaviors*, 32, 2681-2693.
- Wetherill, R. & Fromme, K. (2007). Alcohol use, sexual activity, and perceived risk in high school athletes and non-athletes. *Journal of Adolescent Health*, 41, 294-301.
- Neal, D.J. & Fromme, K. (2007). Event level covariation of alcohol intoxication and behavioral risks during the first year of college. *Journal of Consulting and Clinical Psychology*, 75, 294-306.
- Wetherill, R. & Fromme, K. (2007). The effects of perceived awareness and caring, family motives and social motives on alcohol use by high school and first semester college students. *Psychology of Addictive Behaviors*, 21, 147-154.

Peer-reviewed journal articles (continued)

- Neal, D.J., Corbin, W.R., & Fromme, K. (2006). Measurement of alcohol-related consequences among high school and college students: Application of item-response models to the Rutgers Alcohol Problem Index. *Psychological Assessment, 18*, 401-414.
- Fromme, K. (2006). Parenting and other influences on the alcohol use and emotional adjustment of children, adolescents, and emerging adults. *Psychology of Addictive Behaviors, 20*, 138-139.
- Neal, D. J., Fromme, K., Del Boca, F. K., Parks, K., King, L., Pardi, A., Collins, R. L., Muraven, M., Vetter, C. & Corbin, W. R. (2006). Capturing the Moment: Innovative Approaches to Daily Alcohol Assessment. *Alcoholism: Clinical and Experimental Research, 30*, 282-291.
- Corbin, W.R., Fromme, K., & Bergeson, S. (2006). Preliminary data on the association between serotonin transporter polymorphism, subjective alcohol experiences, and drinking behavior, *Journal of Studies on Alcohol, 67*, 5-13.
- Kruse, M.I. & Fromme, K. (2005). The influence of physical attractiveness and alcohol on men's perceptions of potential sexual partners and sexual behavior intentions. *Experimental and Clinical Pharmacology, 13*, 146-156.
- Damico, E.J, Ellickson, P.L., Wagner, E.F., Turrisi, R., & Fromme, K. (2005). Developmental considerations for substance use interventions from middle school through college. *Alcoholism: Clinical and Experimental Research, 29*, 474-483.
- Fromme, K. & Patel, A.B. (2004). Methods to study drinking behavior and related consequences. *Anuario de Investigacion en Adicciones, 5*, 18-25.
- Fromme, K. & Corbin, W.R. (2004). Prevention of heavy drinking and associated negative consequences among mandated and voluntary college students. *Journal of Consulting and Clinical Psychology, 72*, 1038-1049.
- Fromme, K., De Wit, H., Hutchison, K.E., Ray, L., Corbin, W.R., Cook, T.A.R., Wall, T.L. & Goldman, D. (2004). Biological and behavioral markers of alcohol sensitivity. *Alcoholism: Clinical and Experimental Research, 28*, 247-256.
- Fromme, K. & Orrick, D. (2004). The Lifestyle Management Class: A harm reduction approach to college drinking. *Addiction Research and Theory, 12*, 335-351.
- Barnett, N. P., O'Leary Tevyaw, T., Fromme, K., Borsari, B., Carey, K.B., Corbin, W., Colby, S. M., Monti, P. M. (2004). Brief alcohol interventions with mandated or adjudicated college students. *Alcoholism: Clinical and Experimental Research, 28*, 966-975.
- Hartzler, B. & Fromme, K. (2003). Fragmentary blackouts: Their etiology and impact on alcohol expectancies. *Alcoholism: Clinical and Experimental Research, 27*, 628-637.
- Hartzler, B. & Fromme, K. (2003). Fragmentary and en bloc blackouts: Similarity and distinction among episodes of alcohol-induced memory loss. *Journal of Studies on Alcohol, 64*, 551-554.
- Hartzler, B. & Fromme, K. (2003). Heavy episodic drinking and college entrance. *Journal of Drug Education, 33*, 259-274.
- Hartzler, B. & Fromme, K. (2003). Cognitive-behavioral profiles of college risk-takers with Type II and psychopathic personality traits. *Addictive Behaviors, 28*, 315-326.

Peer-reviewed journal articles (continued)

- Corbin, W.R. & Fromme, K. (2002). Alcohol use and serial monogamy as risky for sexually transmitted diseases in young adults. *Health Psychology, 21*, 229-236.
- D'Amico, E. & Fromme, K. (2002). Brief prevention for adolescent risk-taking behavior. *Addiction, 97*, 563-574.
- Cohen, E.S. & Fromme, K. (2002). Differential determinants of young adult substance use and high-risk sexual behavior. *Journal of Applied Social Psychology, 32*, 1-30.
- Jones, B.T., Corbin, W., & Fromme, K. (2001). Is the glass half full or half empty? *Addiction, 96*, 1671-1674.
- Jones, B.T., Corbin, W., & Fromme, K. (2001). A review of expectancy theory and alcohol consumption. *Addiction, 96*, 57-72.
- Fromme, K. & Brown, S.A. (2000). Empirically-based prevention and treatment approaches for adolescent and young adult substance use. *Cognitive and Behavioral Practice, 7*, 61-54.
- Fromme, K. and D'Amico, E. (2000). Measuring adolescent alcohol outcome expectancies. *Psychology of Addictive Behaviors, 14*, 206-212.
- D'Amico, E. & Fromme, K. (2000). Implementation of the Risk Skills Training Program: A brief intervention targeting adolescent participation in risk behaviors. *Cognitive and Behavioral Practice, 7*, 101-117.
- Katz, E., Fromme, K., & D'Amico, E. (2000). Effects of outcome expectancies and personality on young adults' illicit drug use, heavy drinking, and risky sexual behavior. *Cognitive Therapy and Research, 24*, 1-22.
- Fromme, K. (1999). Randomized clinical trials and alternatives to evaluating treatment efficacy. *The Behavior Therapist, 22* (6), pp. 120-122
- Fromme, K., D'Amico, E., & Katz, E. (1999). Intoxicated sexual risk-taking: An expectancy or cognitive impairment explanation? *Journal of Studies on Alcohol, 60*, 54-63.
- D'Amico, E., & Fromme, K. (1997). Health risk behaviors of adolescent and young adult siblings. *Health Psychology, 16*, 426-432.
- Fromme, K., Katz, E., & Rivet, K., (1997) Outcome expectancies and risk-taking behavior. *Cognitive Therapy and Research, 21*, 421-442.
- Fromme, K., Katz, E., & D'Amico, E. (1997). Effects of alcohol intoxication on the perceived consequences of risk-taking. *Experimental and Clinical Psychopharmacology, 5*, 14-23.
- Fromme, K. & Wendel, J. (1995). Beliefs about the effects of alcohol on involvement in coercive and consenting sexual activities. *Journal of Applied Social Psychology, 25*, 2099-2117.
- Naff-Johnson, C., & Fromme, K. (1994). An experimental test of affect, subjective craving and alcohol outcome expectancies as motivators of young adult drinking. *Addictive Behaviors, 19*, 631-641.
- Fromme, K. & Ruela, A. (1994). Mediators and moderators of young adults' drinking. *Addiction, 89*, 63-

Peer-reviewed journal articles (continued)

- Fromme, K., & Rivet, K. (1994). Young adults' coping style as a predictor of their alcohol use and response to daily events. *Journal of Youth and Adolescence*, 23, 85-98.
- Fromme, K., Marlatt, G.A., Baer, J.S., & Kivlahan, D. R. (1994). The alcohol skills training program: A group intervention for young adult drinkers. *Journal of Substance Abuse Treatment*, 11, 133-154.
- Fromme, K., Stroot, E., & Kaplan, D. (1993). The comprehensive effects of alcohol: Development and psychometric assessment of a new expectancy questionnaire. *Psychological Assessment*, 5, 19-26.
- Fromme, K., & Dunn, M. E. (1992). Alcohol expectancies, social and environmental cues as determinants of drinking and perceived reinforcement. *Addictive Behaviors*, 17, 167-177.
- Baer, J.S., Marlatt, G.A., Kivlahan, D. R., Fromme, K., Larimer, M., & Williams, E. (1992). An experimental test of three methods of alcohol risk-reduction with young adults. *Journal of Consulting and Clinical Psychology*, 60, 974-979.
- Kivlahan, D. K., Marlatt, G. A. Fromme, K., Coppel, D. B., & Williams, E. (1990). Secondary prevention with college drinkers: Evaluation of an alcohol skills training program. *Journal of Consulting and Clinical Psychology*, 58, 805-810.
- Mooney, D. K., Fromme, K., Kivlahan, D. R., & Marlatt, G. A. (1987). Correlates of alcohol consumption: Sex, age, and expectancies relate differentially to quantity and frequency. *Addictive Behaviors*, 12, 235-240.
- Fromme, K., Kivlahan, D. R., & Marlatt, G. A. (1986). Alcohol expectancies, risk identification, and secondary prevention with problem drinkers. *Advances in Behavior Research and Therapy*, 8, 237-251.
- Marlatt, G. A., & Fromme, K. (1986). Metaphors for addiction. *Journal of Drug Issues*, 17, 9-28.
- Nelson, T. O., McSpadden, M., Fromme, K., & Marlatt, G.A. (1986). Effects of alcohol intoxication on metamemory and on retrieval from long-term memory. *Journal of Experimental Psychology: General*, 115, 247-254.
- Samson, H. H., & Fromme, K. (1984). Social drinking in a simulated tavern: An experimental analysis. *Drug and Alcohol Dependence*, 14, 141-163.
- Fromme, K., & Samson, H. H. (1983). A survey analysis of first intoxication experiences. *Journal of Studies on Alcohol*, 44, 905-910.
- Fromme, K. (1983). Peer influence on social drinking. *Bulletin of the Society of Psychologists in Addictive Behaviors*, 2, 50-53.

Manuscripts under review

- Wetherill, R.R. & Fromme, K. *Acute alcohol effects on narrative recall and contextual memory: An examination of fragmentary blackouts.*
- Quinn, P.D. & Fromme, K. *The role of person-environment interactions in increased alcohol use in the*

transition to college.

Quinn, P.D., & Fromme, K. *Subjective response to alcohol challenge: A quantitative review.*

Quinn, P.D., Stappenbeck, C.A., & Fromme, K. *Collegiate heavy drinking prospectively predicts change in sensation seeking and impulsivity.*

Quinn, P.D. & Fromme, K. *heavy drinking among college students and their non-college peers: The competing roles of personality and peer influence.*

Corbin, W.R., Iwamoto, D.K., & Fromme, K. *A comprehensive longitudinal test of the acquired preparedness model for alcohol use and related problems.*

Book chapters

Fromme, K., & Quinn, P.D. (submitted). The effects of alcohol on other behavioral risks. In H.R. White and D.Rabiner (Eds). *Substance Use in College Students.*

Quinn, P.D. & Fromme, K. (submitted). Behavioral risks in the transition to college. In R.J.R. Levesque (Ed.). *Encyclopedia of Adolescence.* Springer.

Patel, A.B., & Fromme, K. (2010). Expectancies and their influence on drug effects. In I. Stolerman (Ed.). *Encyclopedia of Psychopharmacology.* Springer.

Jochman, K. A. & Fromme, K. (2009). Maturing out of substance use: The other side of etiology. In L.M. Scheier (Ed.) *Handbook of Drug Use Etiology* (pp. 565-578). American Psychology Association Press: Washington, D.C.

Patel, A.B. & Fromme, K. (2009). Explicit outcome expectancies and substance use: Current research and future directions. In L.M. Scheier (Ed.) *Handbook of Drug Use Etiology* (pp. 147-164). American Psychology Association Press: Washington DC.

Fromme, K. & Kruse, M.I. (2003). Socio-cultural and individual influences on alcohol use and abuse by adolescents and young adults. In B.A. Johnson, P. Ruiz, & M. Galanter (Eds.) *Handbook of Clinical Alcoholism Treatment*, (pp. 26-36). Lippincott Williams & Wilkins: Baltimore, MD.

Fromme, K. & D'Amico, E. (1999), Neurobiological basis for the psychological effects of alcohol. In K. Leonard & H. Blane (Eds). *Psychological Theories of Drinking and Alcoholism*, 2nd edition, (pp. 422-455). Guilford Press:NY.

Baer, J. S., Kivlahan, D. R., Fromme, K., & Marlatt, G. A. (1991). Secondary prevention of alcohol abuse with college student populations: A skills-training approach. In N. Heather, W. R. Miller, & J. Greeley (Eds.), *Self control and the addictive behaviors* (pp. 339-354). Australia: Maxwell Macmillan Publishing.

Kivlahan, D.R., Coppel, D. B., Fromme, K., Williams, E.M., & Marlatt, G. A. (1990). Secondary prevention of alcohol abuse-related problems in young adults at risk. In K. D. Craig & S. M. Weiss (Eds.), *Health enhancement, disease prevention, and early intervention: Biobehavioral perspectives* (pp. 287-300). New York: Springer.

Baer, J. S., Kivlahan, D., Fromme, K., & Marlatt, G. A. (1989). A comparison of three methods of secondary prevention of alcohol abuse with college students: In G.S. Howard and P. E. Nathan

(Eds.), *Alcohol Use and Misuse by Young Adults* (pp. 83-108). University of Notre Dame Press.

Baer, J. S., Kivlahan, D., Fromme, K., & Marlatt, G. A. (1989). A comparison of three methods of secondary prevention of alcohol abuse with college students: Preliminary results. In T. Loberg, W. R. Miller, G. A. Marlatt, & P. E. Nathan (Eds.), *Addictive behaviors: Prevention and early intervention* (pp. 157-171). Amsterdam: Swets & Zeitlinger.

Marlatt, G. A., & Fromme, K. (1988). Metaphors for addiction. In S. Peele (Ed.), *Visions of Addiction: Major Contemporary Perspectives on Addiction and Alcoholism* (pp. 1-23). Lexington: Lexington Books.

Book reviews

Fromme, K. (1992). A new twist to the substance abuse story. [Review of *Drugs and Behavior: A Sourcebook for the Helping Professionals*]. *Contemporary Psychology*, 37, 1338-1339.

Fromme, K. (1990). All-anon: For everyone who is affected by addiction [Review of *Surviving addiction: A guide for alcoholics, drug addicts, and their families*]. *Contemporary Psychology*, 35, 495-496.

Fromme, K. (1988). Dis-ease with an interpretive approach to alcoholism treatment [Review of *Treating Alcoholism: An Alcoholics Anonymous Approach*]. *Contemporary Psychology*, 33:991.

Selected Presentations

Iwamoto, D.,K., Corbin, W.R., & Fromme, K. (2010, August). *A longitudinal test of acquired preparedness model*. Poster presented at the annual meeting of the American Psychological Association, San Diego, CA.

Quinn, P.D., Stappenbeck, C.A. & Fromme, K. (2010, June). *Does collegiate heavy drinking influence change in sensation seeking and impulsivity?* Poster presented at the annual meeting of the Research Society on Alcoholism, San Antonio, TX.

Wetherill, RR., Fromme, K. & Schnyer, D.M. (2010, June). *Acute effects of alcohol on neural correlates of source memory: An examination of fragmentary blackouts*. Gordis Student Award Finalist paper presented at the annual meeting of the Research Society on Alcoholism, San Antonio, TX.

Fromme, K. (2009, October). *Underage and college drinking: What do we know and where should we go?* Invited address at the semi-annual meeting of the ABMRF: Foundation for Alcohol Research.

Fromme, K (2009, July). *Perils and prevention on the path to adulthood*. Invited address at the Texas Behavioral Health Institute, Austin, TX

Fromme, K., Corbin, W.R., & Neal, D. (2009, June). *Drinking and driving after drinking from high school through college*. Paper presented at the annual meeting of the Research Society on Alcoholism, San Diego, CA.

Quinn, P.D. & Fromme, K. (2009, June). *Approach and restraint: Sensation seeking, self-regulation, and*

alcohol use. Poster session presented at the annual meeting of the Research Society on Alcoholism, San Diego, CA.

Stappenbeck, C.A., Fossos, N., & Fromme, K. (2009, June). *Heavy drinking and self-regulation influence The relation between childhood abuse and dating violence*. Paper presented at the annual meeting of the Research Society on Alcoholism, San Diego, CA.

Fromme, K. (2009, February). *Prevention of substance use and other risky behaviors among college students*. Invited address at the annual meeting of the Texas Community College Teachers Association, Austin, TX.

Fromme, K. & Wetherill, R.R., and Corbin, W.R. (2008, August). *On the road to 21: Alcohol use and behavioral risks*. Paper presented at the annual meeting of the American Psychological Association, Boston, MA.

Selected presentations (continued)

Wetherill, R.R., Brister, H. & Fromme, K. (2008, August). *Blackouts and hangovers: Negative consequences of 21st birthday celebrations*. Paper presented at the annual meeting of the American Psychological Association, Boston, MA.

Stappenbeck, C.A. & Fromme, K. (2008, February). *Dating violence victimization and alcohol use: Cross-lagged effects*. Poster presented at the APA Summit on Violence, Washington, DC.

Fromme, K. (2007, August). *Toward a new paradigm for prevention among emerging adults*. Presidential address at the annual meeting of the American Psychological Association, San Francisco, CA.

Fromme, K. & Corbin, W.R. (2006, August). *Alcohol use and risk behaviors from high school to college*. Poster presented at the annual meeting of the American Psychological Association, New Orleans, LA.

Patel, A.B., Wetherill, R.R., & Fromme, K. (2006, August). *Perceived anonymity moderates injunctive norms for alcohol and marijuana use*. Poster presented at the American Psychological Association Annual Convention, New Orleans, LA.

Frankel, S., Kruse, M. I., Neal, D. J., & Fromme, K. (2006, November). *Evidence for gender differences in the effects of alcohol on state self-esteem*. Poster presented at the annual meeting of the Association of Behavioral and Cognitive Therapies.

Ramirez, M, Kruse, M. I., Neal, D. J., & Fromme, K. (2006, November). *The facilitative effect of alcohol on retrograde memory for explicit versus implicit tasks*. Poster presented at the annual meeting of the Association of Behavioral and Cognitive Therapies.

Tripoli, N., Neal, D. J., Kruse, M. I., & Fromme, K. (2006, November). *The role of men's perceptions in evaluating women's sexual interest under the influence of alcohol*. Poster presented at the annual meeting of the Association of Behavioral and Cognitive Therapies.

Neal, D. J. & Fromme, K. (2006, June). *Collegiate sporting events as a comparative context for heavy drinking*. Poster presented at the annual meeting of the Research Society on Alcoholism, Santa Barbara, CA.

- Wetherill, R.R., & Fromme, K. (2006, June). *Perceived risk as a mediator of alcohol use between high school athletes and non-athletes*. Poster presented at the 29th Annual Meeting of the Research Society on Alcoholism, Baltimore, MD.
- Brister, H. A., Kruse, M.I., & Fromme, K. (2006, June). *Subjective response to alcohol is associated with changes in heavy drinking from high school to college*. Poster presented at the 29th Annual Scientific Meeting of the Research Society on Alcoholism, Baltimore, MD.
- Neal, D. J., & Fromme, K. (2005, June). *Collecting event-level data using the world wide web*. In Dan J. Neal (Organizer) and William R. Corbin (Chair), *Capturing The Moment: Innovative Approaches to Daily Alcohol Assessment*. Symposium conducted at the annual meeting of the Research Society on Alcoholism, Santa Barbara, CA.
- Kruse, M.I., Fromme, K., & Corbin, W.R. (2005, June). *Improving the accuracy of self-report measures of drinking: Disaggregating quantity and frequency indices of alcohol consumption*. Paper and poster presented at the 28th Annual Scientific Meeting of the Research Society on Alcoholism, Santa Barbara, California.

Selected presentations (continued)

- Brister, H.A., Kruse, M.I., & Fromme, K. (2005, June). *Behavioral activities are associated with frequency of large effect drinking episodes*. Poster presented at the 28th Annual Scientific Meeting of the Research Society on Alcoholism, Santa Barbara, California.
- Stappenbeck, C.A., & Fromme, K. (2005, June). *Can expectancies help explain the association among alcohol use, violence, and negative consequences?* Poster presented at the Annual Scientific Meeting of the Research Society on Alcoholism, Santa Barbara, CA.
- Wetherill, R.R., Neal, D.J. & Fromme, K. (2005, June). *The effects of perceived anonymity on drinking patterns in high school seniors*. Poster presented at the 28th Annual Meeting of the Research Society on Alcoholism, Santa Barbara, CA.
- Patel, A.B. & Fromme, K. (2005, June). *Normative influences on alcohol use prior to college entry*. Presented at the Annual Meeting of the Research Society on Alcoholism, Santa Barbara, CA.
- Patel, A.B. & Fromme, K. (2004, June). *Interactions of social influence and personality on alcohol use*. Presented at the Annual Meeting of the Research Society on Alcoholism, Vancouver, BC, Canada.
- Kruse, M.I., Wetherill, R.R., Corbin, W.R., & Fromme, K. (2004, June). *Self-report measures of perceived subjective response to alcohol*. Poster presented at the 27th Annual Scientific Meeting of the Research Society on Alcoholism, Vancouver, Canada.
- Croce, J., Corbin, W.R., Kruse, M.I., & Fromme, K. (2004, June). *Expectancy effects on behavioral control as assessed by a go-stop task*. Poster presented at the 27th Annual Scientific Meeting of the Research Society on Alcoholism, Vancouver, Canada.
- Corbin, W.R. & Fromme, K. (November, 2004). *Mechanisms of change in alcohol prevention: The search for mediators*. Paper presented at the annual meeting of the Association for Cognitive and Behavioral Therapy, New Orleans, LA.
- Fromme, K. & Corbin, W.R. (June, 2003). *An effective alcohol prevention program for mandated college students*. Paper presented at the annual meeting of the Research Society on Alcoholism, Ft. Lauderdale, FL.

Corbin, W.R. & Fromme, K. (June, 2003). *Association between the serotonin transporter polymorphism and acute tolerance*. Paper presented at the annual meeting of the Research Society on Alcoholism, Ft. Lauderdale, FL.

Kruse, M.I., Corbin, W.R., & Fromme, K. (June, 2003). *The effect of a simulated bar laboratory experience on drinking in young adults*. Poster presented at the annual meeting of the Research Society on Alcoholism, Ft. Lauderdale, FL.

Kruse, M.I., Fromme, K., & Corbin, W.R. (November, 2002). *The role of alcohol, physical attractiveness, and perceived sexuality in perceptions of risk and safer-sex intentions*. Poster presented at the annual meeting of the Association for Advancement of Behavior Therapy, Reno, NV.

Kruse, M.I., Corbin, W.R., & Fromme, K. (November, 2002). *Low subjective response to alcohol as a risk factor for heavy drinking*. Poster presented at the annual meeting of the Association for Advancement of Behavior Therapy, Reno, NV.

Selected presentations (continued)

Fromme, K. (April, 2001). *Methods to study alcohol use and related consequences*. Paper presented at the Third Annual International Conference on Addictions, Guadalajara, MX.

Fromme, K. (April, 2001). *Prevention of alcohol abuse and associated negative consequences*. Paper presented at the Third Annual International Conference on Addictions, Guadalajara, MX.

Fromme, K., Steiner, S., & Kruse, M. (August, 2001). *Adolescent outcome expectancies: An affective or cognitive basis?* Poster presented at the annual meeting of the American Psychological Association, San Francisco, CA.

Fromme, K., Corbin, W., Hartzler, B., & Steiner, S. (June, 2000). *Intervention to reduce binge drinking and associated negative consequences among college students*. Paper presented at the annual meeting of the Research Society on Alcoholism, Denver, CO.

Fromme, K. (1998, November). *Prevention of binge drinking and associated negative consequences*. Paper presented at the annual meeting of the Association for Advancement of Behavior Therapy, Washington, D.C.

Fromme, K. (1997, August). *Alcohol-related disinhibition of risky sexual behavior*. Paper presented at the annual meeting of the American Psychological Association, Chicago, IL.

Fromme, K. (1996, August). *Alcohol intoxication and cognitive appraisals of the risks and benefits of sexual behavior*. Paper presented at the 104th annual meeting of the American Psychological Association, Toronto, Canada.

Fromme, K., & Katz, E. (1995, June). *Alcohol intoxication and cognitive appraisals*. Paper presented at the annual meeting of the Research Society on Alcoholism, Steamboat Springs, CO.

Fromme, K., Katz, E., & D'Amico, E. (1994, November). *Cognitive processes, personality traits, and drinking habits as determinants of young adults' risk-taking*. Paper presented at the 28th annual meeting of the Association for Advancement of Behavior Therapy, San Diego, CA.

Fromme, K. (1994, August). *Graduate training and curriculum development in addictive behaviors*.

Paper presented at the annual meeting of the American Psychological Association, Los Angeles, CA.

Fromme, K., Katz, E., & D'Amico, E. (1994, August). *Young adults' cognitive appraisals and involvement in risky activities*. Paper presented at the annual meeting of the American Psychological Association, Los Angeles, CA.

Fromme, K. & Johnson, C. N. (1993, January). *An experimental test of subjective craving and alcohol outcome expectancies as motivators of young adult drinking*. Paper presented at the Sixth International Conference on the Treatment of Addictive Behaviors, Santa Fe, NM.

Fromme, K., Katz, E. C., Frisk, B., & Bonk, V. (1992, November). *A cognitive approach to risk-taking*. Paper presented at the 26th annual meeting of the Association for Advancement of Behavior Therapy, Boston, MA.

Fromme, K. (1991, November). *Changing perspectives on alcohol expectancy: 25 years of progress, but no panacea*. Chair of symposium presented at the 25th annual meeting of the Association for Advancement of Behavior Therapy, New York, NY.

Selected presentations (continued)

Fromme, K., Rivet, K., & Kernander, M. (1991, November). *Risk appraisal, risk-taking and alcohol use*. Paper presented at the 25th annual meeting of the Association for Advancement of Behavior Therapy, New York, NY.

Fromme, K., Stroot, E. A., & Stelline, S. (1991, June). *The effect of alcohol outcome expectancies, instructional set, and beverage content on perceived and actual effects of drinking*. Paper presented at the annual meeting of the Research Society on Alcoholism, Marco Island, Florida.

Fromme, K. (1989, June). *Biphasic physiological response to alcoholic and placebo beverages*. Paper presented at the annual meeting of the Research Society on Alcoholism, Beaver Creek, CO.

Fromme, K., & Marlatt, G. A. (1987, August). *The effects of environmental setting and social interaction on the self-administration of alcohol*. Paper presented at the fourth International Conference on Treatment of Addictive Behaviors, Bergen, Norway.

Fromme, K., Kivlahan, D. R., Marlatt, G. A. (1987, April). *Secondary prevention of alcohol problems in young adults at risk: A cognitive-behavioral approach*. Paper presented at the annual meeting of the Western Psychological Association, Long Beach, CA.

Fromme, K. (1986, June). *Alcohol expectancy research: Overview, applied research, and future directions*. Paper presented at the research symposium of the Alcohol and Drug Abuse Institute, Seattle, WA

Fromme, K., & Marlatt, G. A. (1986, May). *Alcohol expectancy research and the expectancy/behavior relation*. Paper presented at the annual meeting of the Western Psychological Association, Seattle, WA.

Fromme, K., Mooney, D. K., Kivlahan, D. R., & Marlatt, G. A. (1985, August). *Expectancies, risk identification, and secondary prevention with problem drinkers*. Paper presented at the annual convention of the American Psychological Association, Los Angeles, CA.

Workshops

Beyond the Disease Model: Strategies for Relapse Prevention (June, 1998). The 12th Annual Skills for Effective Intervention Conference. The Texas Department of Criminal Justice and The Criminal Justice Center's Texas Probation Training Academy of Sam Houston State University; Austin, TX.

Alcohol Relapse Prevention (July, 1995). The 38th Annual Institute of Alcohol and Drug Studies. Austin, TX.

Relapse Prevention (September, 1994). Carrier Foundation, Princeton, NJ.

Relapse Prevention (July, 1994). The Leading Edge Institute, Austin, TX.