

Catharine E. Fairbairn
University of Illinois at Urbana-Champaign
603 East Daniel Street
Champaign, IL 61820
Email: cfairbai@illinois.edu

EMPLOYMENT

ASSISTANT PROFESSOR, Fall 2015 – present

Lincoln Excellence Assistant Professor Scholar, Spring 2017 – present

Department of Psychology, Clinical/Community Division

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

CHAMPAIGN, IL

EDUCATION

CLINICAL INTERNSHIP:

2014-2015

VA ANN ARBOR HEALTHCARE SYSTEM/UNIVERSITY OF MICHIGAN

ANN ARBOR, MI

GRADUATE:

2009 - 2015

UNIVERSITY OF PITTSBURGH

PITTSBURGH, PA

Joint Clinical/Biological & Health Psychology Ph.D. program

- **DISSERTATION (2014):** *Personality differences in subjective effects of alcohol: A dynamic examination of the pathways explaining alcohol-related reward.* Adviser: Michael A. Sayette, Ph.D. Committee: Jeffrey F. Cohn, Ph.D., John M. Levine, Ph.D., Michael F. Pogue-Geile, Ph.D., & Michele D. Levine, Ph.D.
- **SPECIALTY PAPER (2012):** *An examination of subjective response to alcohol in a social context.* Adviser: Michael A. Sayette, Ph.D.
- **MASTER'S OF SCIENCE (2012):** *The impact of alcohol consumption on the displayed affect of white individuals engaging in interracial interactions.* Adviser: Michael A. Sayette, Ph.D.

UNDERGRADUATE:

2002- 2006

BARNARD COLLEGE, COLUMBIA UNIVERSITY

NEW YORK, NY

B.A., Psychology and Music (double major)

Summa cum laude

HONORS

- 2017-2019 **Lincoln Excellence for Assistant Professor Scholar**, University of Illinois—Urbana-Champaign.
- 2015-2017 **List of Teachers Ranked as Excellent by Their Students**, University of Illinois—Urbana-Champaign.
- 2014 **Outstanding Student Researcher Award**, Society for the Science of Clinical Psychology
Bassell Student Award, outstanding student award, Psychology Department University of Pittsburgh
- 2012-2014 **Graduate Student Merit Award**, Research Society on Alcoholism
- 2013 **University of Pittsburgh Nationality Program International Research Award**, \$4000 supporting international collaboration in the Biostatistics Department at the University of Oslo
- 2012 **E. B. Huey Research Award**, \$1,000 research grant, Psychology Department University of Pittsburgh
Diversity Travel Award, \$1,000 diversity travel grant, Psychology Department University of Pittsburgh
- 2009-2010 **School of Arts and Sciences Graduate Fellowship**, University of Pittsburgh
- 2006 **Phi Beta Kappa**, Barnard College
Barnard College Commencement Speaker
- 2005-2006 **Barnard College Writing Fellowship**
- 2004 **National Geographic/Glimpse Magazine**—2004 2nd place “Forgone Conclusions” essay competition
Abroad View Magazine—published fall 2004 “Personal Journeys” essay competition

FUNDING ACTIVITY

National Institute of Alcohol Abuse and Alcoholism (R01 AA025969)

Title: “Examining the impact of stress on the emotionally reinforcing properties of alcohol in heavy social drinkers: A multimodal investigation integrating laboratory and ambulatory methods”

Role: Principal Investigator

Project Period: 9/01/2017-5/31/2022

Total costs: \$1,522,204 (total costs)

National Science Foundation Graduate Research Fellowship (0753293-006)

Funding: \$126,000 (total costs), 9/2011 – 9/2014, University of Pittsburgh

Sponsor: Michael A. Sayette and John M. Levine, Department of Psychology

Description: Supporting cross-disciplinary graduate research in social and clinical psychology

National Science Foundation Graduate Research Opportunities Worldwide (230165/F11)

Funding: \$24,147 (total costs), 8/2013 – 12/2013, University of Oslo

Sponsor: Arnaldo Frigessi and Odd O. Aalen, Department of Biostatistics

Description: Supporting international collaboration in frailty survival modeling for high-dimensional data

PUBLICATIONS

**Reflects a student author who conducted the research under the mentorship of Dr. Fairbairn*

Fairbairn, C. E., Briley, D. A., *Kang, D., Fraley, R. C., Hankin, B. L., & *Ariss, T. (In Press). A meta-analysis of attachment security and substance use. *Psychological Bulletin*.

Fairbairn, C. E., *Bresin, K., *Kang, D., Rosen, I. G., *Ariss, T., Luczak, S. E., Barnett, N. P., & *Eckland, N. S. (In Press). A multimodal investigation of contextual effects on alcohol’s emotional rewards. *Journal of Abnormal Psychology*.

Fairbairn, C. E. & Sayette, M. A. (In Press). Using FACS to understand underlying processes during social exchange both inside and outside the laboratory. In P. Ekman and E. Rosenberg (eds.), *What the face reveals* (3rd ed.). New York: Oxford University Press.

Sayette, M. A. & **Fairbairn, C. E.** (In Press). Use of FACS in a social context can enhance understanding of addiction. In P. Ekman and E. Rosenberg (eds.), *What the face reveals* (3rd ed.). New York: Oxford University Press.

Cranford, J. A., & **Fairbairn, C. E.** (2017). Social psychology of alcohol involvement, marital dissolution, and marital interaction processes across multiple time scales. In H. E. Fitzgerald & L. I. Puttler (Eds). *Alcohol use disorders: A developmental science approach to etiology*. New York: Oxford University Press.

Fairbairn, C. E., & Testa, M. (2017). Relationship quality and alcohol-related social reinforcement during couples interaction. *Clinical Psychological Science*, 5, 74-84.

Fairbairn, C. E. (2017). Drinking among strangers: A meta-analysis examining familiarity as a moderator of alcohol’s rewarding effects. *Psychology of Addictive Behaviors*, 31, 255–264.

Fairbairn, C. E. & *Bresin, K. (2017). The effects of contextual familiarity on alcohol expectancies. *Experimental and Clinical Psychopharmacology*, 25, 13–23.

Fairbairn, C. E., & Cranford, J. A. (2016). A multimethod examination of negative behaviors during couples interactions and problem drinking trajectories. *Journal of Abnormal Psychology*, 125, 805-810.

Fairbairn, C. E. (2016). A nested frailty survival approach for analyzing small group behavioral observation data. *Small*

Group Research, 47, 303-332.

Fairbairn, C. E., Sayette, M. A., Wright, A. G. C., Levine, J. M., Cohn, J. F., & Creswell, K. G. (2015). Extraversion and the rewarding effects of alcohol in a social context. *Journal of Abnormal Psychology*, 124, 660-673.

Fairbairn, C. E., Sayette, M. A., Aalen, O. O., & Frigessi, A. (2015). Alcohol and emotional contagion: An examination of the spreading of smiles in male and female drinking groups. *Clinical Psychological Science*, 3, 686-701.

Fairbairn, C. E., Sayette, M. A., Amole, M., Dimoff, J. D., Cohn, J. F. & Girard, J. M. (2015). Speech volume indexes sex differences in the social-emotional effects of alcohol. *Experimental and Clinical Psychopharmacology*, 23, 255-64.

Sayette, M. A., **Fairbairn, C. E.** & Creswell, K. G. (2015). Alcohol and emotion: The importance of social context. In C. E. Kopetz & C. Lejuez (Eds.), *Addiction: A Social Psychological Perspective*. New York, NY: Routledge.

Fairbairn, C. E., & Sayette, M. A. (2014). A social-attributional analysis of alcohol response. *Psychological Bulletin*, 140, 1361-1382.

Fairbairn, C. E., & Sayette, M. A. (2013). The effect of alcohol on emotional inertia: A test of alcohol myopia. *Journal of Abnormal Psychology*, 122, 770-781.

Fairbairn, C. E., Sayette, M. A., Levine, J. M., Cohn, J. F., & Creswell, K. G. (2013). The impact of alcohol on the emotional displays of White members of interracial groups. *Emotion*, 13, 468-477. (article to be reprinted in P. Ekman & E. Rosenberg (eds.). (In Press) *What the face reveals* (3rd ed.). New York, NY: Oxford University Press.)

Yang, Y., **Fairbairn, C. E.**, & Cohn, J. F. (2013). Detecting depression severity from vocal prosody. *IEEE Transactions in Affective Computing*, 4, 142-150.

Sayette, M. A., Creswell, K. G., Dimoff, J. D., **Fairbairn, C. E.**, Cohn, J. F., Heckman, B. W., Kirchner, T. R., et al. (2012). Alcohol and group formation: A multimodal investigation of the effects of alcohol on emotion and social bonding. *Psychological Science*, 23, 869-878. (article to be reprinted in P. Ekman & E. Rosenberg (eds.). (In Press) *What the face reveals* (3rd ed.). New York, NY: Oxford University Press.)

Fairbairn, C. E., Dundon, W. D., Plebani, J. G., Xie, H., Kampman, K. M., & Lynch, K. G. (2008). Study blinding and correlations between perceived group assignment and outcome in a cocaine pharmacotherapy trial. *The American Journal on Addictions*, 17, 387-391.

MANUSCRIPTS UNDER REVIEW AND IN PREPARATION

Sayette, M. A., Creswell, K. G., **Fairbairn, C. E.**, Dimoff, J. D., Bentley, K., & Lazerus, T. (Revise and Resubmit). The effects of alcohol on humor appreciation: A facial coding analysis. *Emotion*.

Sirlancia, M., Luczak, S., **Fairbairn, C. E.**, *Kang, D., Pand, R. Yud, X. & Rosen, I. G. (Under Review). Estimating the distribution of random parameters in a diffusion equation forward model for a transdermal alcohol biosensor

*Kang, D., *Bresin, K., & **Fairbairn, C. E.**, (Under Review). The impact of alcohol and social context on the startle eyeblink reflex.

PRESENTATIONS

*Wilkins, K. V., **Fairbairn, C. E.**, Williams, K. D., Hales, A. H., & Creswell, K. G. (2018). *The Effects of Alcohol Consumption and Ostracism on Interpersonal Distance Choices among Social Drinkers*. Poster to be presented at the annual conference of the Society for Personality and Social Psychology, Atlanta, GA.

- Fairbairn, C. E., *Bresin, K., Barnett, N. P., & *Kang, D. (2017).** *Combining laboratory and ambulatory methods to explore alcohol mood-enhancement in social context.* Paper presented at the annual conference of the Research Society on Alcoholism, Denver, CO.
- Fairbairn, C. E., & Cranford, J. A. (2016).** *A Multi-method examination of negative behaviors during couples interactions and problem drinking trajectories.* Poster presented at the annual conference of the Association for Psychological Science, Chicago, IL.
- Fairbairn, C. E., & Cranford, J. A. (2016).** *A Multi-method examination of negative behaviors during couples interactions and problem drinking trajectories.* Poster presented at the annual conference of the Research Society on Alcoholism, New Orleans, LA.
- Sayette, M. A., **Fairbairn, C. E.,** Creswell, K. G., & Dimoff, J. D. (2016). *Extraversion and the effects of alcohol on emotion and social bonding during group formation.* Paper presented at the annual conference of the Association for Psychological Science, Chicago, IL.
- Fairbairn, C. E., & Sayette, M. A. (2016).** *Alcohol and emotional contagion: An examination of the spreading of smiles in male and female drinking groups.* Paper presented at the annual conference of the Society for Personality and Social Psychology, San Diego, CA.
- Fairbairn, C. E., & Sayette, M. A. (2015).** *Alcohol and emotional contagion: An examination of the spreading of smiles in male and female drinking groups.* Paper presented at the annual conference of the Association for Psychological Science, New York, NY.
- Sayette, M. A., **Fairbairn, C. E.,** Creswell, K. G., & Dimoff, J. D. (2014). *A dynamic multimodal examination of the effects of alcohol on emotion and social bonding.* Paper presented at the annual conference of the Research Society on Alcoholism, Seattle, Washington.
- Creswell, K. G., Sayette, M. A., **Fairbairn, C. E.,** & Dimoff, J. D. (2014). *Individual differences in sensitivity to the rewarding social effects of alcohol.* Paper presented at the annual conference of the Research Society on Alcoholism, Seattle, Washington.
- Fairbairn, C. E. (2013).** *The acute effects of alcohol in a social setting.* Invited paper presented at the University of Oslo, Department of Biostatistics, Oslo, Norway.
- Fairbairn, C. E.,** Sayette, M. A., Dimoff, J. D., & Creswell, K. G. (2013). *Whiskey river take my mind: A dynamic test of alcohol myopia.* Poster presented at the annual conference of the Research Society on Alcoholism, Orlando, Florida.
- Creswell, K. G., Sayette, M. A. Manuck, S. B., Dimoff, J. D., & **Fairbairn, C. E. (2013).** *Interactive effects of the DRD4 VNTR polymorphism and group alcohol consumption on perceived humor of a Seinfeld comedy clip.* Poster presented at the annual conference of the Research Society on Alcoholism, Orlando, Florida.
- Sayette, M. A., Creswell, K. G., Dimoff, J. D., **Fairbairn, C. E.,** Cohn, J. F., Heckman, B. W, Kirchner, T. R., Levine, J. M, & Moreland, R. L. (2012). *The impact of alcohol on social bonding during group formation.* Paper presented at the annual conference of the Society of Experimental Social Psychology, Austin, Texas.
- Sayette, M. A., Creswell, K. G., Dimoff, J. D., **Fairbairn, C. E.,** Cohn, J. F., Heckman, B. W, Kirchner, T. R., Levine, J. M, & Moreland, R. L. (2012). *Effects of alcohol on emotion and social bonding during group formation.* Paper presented at the annual conference of the Association of Psychological Science, Chicago, Illinois.
- Fairbairn, C. E.,** Sayette, M. A., Cohn, J. F., Levine, J. M., Antimarino, M. A., & Sayers, W. M. (2012). *The effect of alcohol on White members of interracial groups.* Poster presented at the annual conference of the Research Society on Alcoholism, San Francisco, California.

Creswell, K. G., **Fairbairn, C. E.**, Dimoff, J. D., Heckman, B. W., & Sayette, M. A. (2012). *Alcohol and group formation: A multimodal investigation of the effects of alcohol on emotion and social bonding*. Poster presented at the annual conference of the Research Society on Alcoholism, San Francisco, CA.

Fairbairn, C. E., Kampman, K. M., Alterman, A. I., Dundon, W. D., Plebani, J. G., Lynch, K. G., & Pettinati, H. M. (2008). *Antisocial participants report differing amounts of drinking in two outpatient pharmacotherapy trials*. Poster presented at the annual conference of the Association for Psychological Science, Chicago, IL.

Plebani, J. G., Kampman, K. M., Pettinati, H. M., Dackis, C., O'Brien, C. P., Varillo, K., Yama, M., & **Fairbairn, C.** (2007). *Implications of early in-treatment cocaine abstinence for later abstinence on high CSSA patients*. Paper presented at the annual conference of the College of Problems on Drug Dependence, Quebec City, Quebec.

Kampman, K. M., Lynch, K., Pettinati, H. M., Dackis, C., Dundon, W., Varillo, K., **Fairbairn, C.**, & O'Brien, C. P. (2007). *The measurement of craving in cocaine pharmacotherapy trials: What do we learn from it?* Poster presented at the annual conference of the College on Problems in Drug Dependence, Quebec City, Quebec.

Graber, E. C., Hiller, A. D., **Fairbairn, C. E.**, Berenson, K., & Rafaeli, E. (2006). *Using daily diary data to measure affective instability in borderline patients*. Poster presented at the annual conference of the Association for Psychological Science, New York, NY.

TEACHING EXPERIENCE

<i>Fall '15-Present</i>	University of Illinois at Urbana Champaign —Course Instructor Course Title: ALCOHOL AND ALCOHOLISM Format: Undergraduate Lecture/Discussion course (35-50 students)	<i>Champaign, IL</i>
<i>Spr '17 -Present</i>	University of Illinois at Urbana Champaign —Course Instructor Course Title: CLINICAL SCIENCE AND INTERVENTIONS Format: Graduate discussion-based seminar (5-15 students)	<i>Champaign, IL</i>
<i>Fall '15-Present</i>	University of Illinois at Urbana Champaign —Course Coordinator Course Title: DIVERSITY SEMINAR Format: Graduate discussion-based seminar (10-15 students)	<i>Champaign, IL</i>
<i>Summ '10 – Spr '12</i>	University of Pittsburgh —Research Mentor Course Title: DIRECTED RESEARCH SEMINAR Format: One-on-one and small group supervision (5-8 students)	<i>Pittsburgh, PA</i>
<i>Fall '12 – Summ '13</i>	University of Pittsburgh Hot Metal Bridge Program —Research Mentor Course Title: N/A Format: One-on-one and small group supervision (5-6 students)	<i>Pittsburgh, PA</i>
<i>Spr '11 - Summ '11</i>	University of Pittsburgh —Teaching Fellow Course Title: INTRODUCTION TO SOCIAL PSYCHOLOGY Format: Undergraduate Lecture course (90 students spring semester, 30 students summer)	<i>Pittsburgh, PA</i>
<i>Summ '10</i>	University of Pittsburgh —Teaching Fellow Course Title: Learning and Motivation Laboratory Format: Undergraduate Lecture course (90 students spring semester, 30 students summer)	<i>Pittsburgh, PA</i>

PROFESSIONAL SERVICE

<i>10/16-Present</i>	Research Society on Alcoholism —Government Affairs and Advocacy Committee
<i>9/16-Present</i>	The Academy of Psychological Clinical Science —Program reviewer

9/15-Present *University of Illinois at Urbana-Champaign—Undergraduate Studies Committee*
 9/11-9/13 *University of Pittsburgh Psychology Department—Diversity Committee President*

EDITORIAL SERVICE

2018-Present *Drug and Alcohol Review*, Ad hoc reviewer
 2017-Present *Psychological Science*, Ad hoc reviewer
 2017-Present *Addiction*, Ad hoc reviewer
 2017-Present *Journal of Experimental Social Psychology*, Ad hoc reviewer
 2017-Present *Clinical Psychology Review*, Ad hoc reviewer
 2017-Present *Psychology of Addictive Behaviors*, Ad hoc reviewer
 2017-Present *Experimental and Clinical Psychopharmacology*, Ad hoc reviewer
 2017-Present *Behavior Research Methods*, Ad hoc reviewer
 2015-Present *Psychopharmacology*, Ad hoc reviewer
 2014-Present *Alcoholism: Clinical and Experimental Research*, Ad hoc reviewer
 2014-Present *Journal of Behavioral Medicine*, Ad hoc reviewer
 2014-Present *Assessment*, Ad hoc reviewer
 2013-Present *Journal of Studies on Alcohol and Drugs*, Ad hoc reviewer
 2013-Present *Social Psychological and Personality Science*, Ad hoc reviewer

SPECIALIZED TRAINING

Advanced Statistical Analysis and Programing

Survival Analysis (8/13-12/13): training fellowship, University of Oslo Department of Biostatistics
Hierarchical Linear Modeling (1/11-5/11): graduate course, University of Pittsburgh Psychology of Education Department
Time Series Analysis (9/11-12/11): statistics course, University of Pittsburgh Statistics Department
Structural Equation Modeling (1/12-5/12): graduate seminar, University of Pittsburgh Psychology Department
Data Programing in SAS (1/13-5/13): graduate course, University of Pittsburgh Biostatistics Department

Behavioral Analysis

ERP Boot Camp (2016): Attended 11-day workshop offering training in using EEG methods to capture evoked brain responses. University of California, Davis.
Facial Action Coding System Training (2010): FACS, developed by Paul Ekman and Wallace Friesen, is the most comprehensive anatomically-based system for coding facial behavior. Completed 100 hours of training to become a certified FACS coder.