**Dahyeon Kang, M.S.**

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**Education\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Fall 2017 – **University of Illinois at Urbana-Champaign, IL**

Doctoral Student, Clinical Psychology

*Research Advisor: Catharine Fairbairn, Ph.D.*

2017 – 2019 **University of Illinois at Urbana-Champaign, IL**

M.S. in Clinical/Community Psychology, May 2019

2014 – 2017 **University of Illinois at Urbana-Champaign, IL**

B.S. in Psychology (GPA 3.91), May 2017

**Publications\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Kang, D.**, Fairbairn, C. E., Ariss, T. (in press) A meta-analysis of the effect of substance use interventions on emotion outcomes. *Journal of Consulting and Clinical Psychology*

Fairbairn, C. E., & **Kang, D.** (in press). Transdermal alcohol monitors: Research, applications, and future directions. In D. Frings & I. Albery (Eds.), *The Handbook of Alcohol Use and Abuse.* Elsevier.

Fairbairn, C. E. & **Kang, D.** (2019) Temporal dynamics of transdermal alcohol concentration measured via new generation wrist-worn biosensor. *Alcoholism: Clinical and Experimental Research.*

Sirlanci, M., Luczak. E., Fairbairn, C. E., **Kang, D**., Pan, R., Yu, X., and Rosen I. G**.** (2019) Estimating the distribution of random parameters in a diffusion equation forward model for a transdermal alcohol biosensor. *Automatica.*

**Kang, D.**, Bresin, K., Fairbairn, C. E. (2018) The impact of alcohol and social context on the startle eyeblink reflex. *Alcoholism: Clinical and Experimental Research*

Fairbairn, C. E., Briley, D. A., **Kang, D.**, Fraley, R. C., Hankin, B. L., & Ariss, T. (2018) A meta-analysis of attachment security and substance use. *Psychological Bulletin*.

Fairbairn, C. E., Bresin, K., **Kang, D.**, Rosen, G. I., Ariss, T., Barnett, N. P., & Eckland, N. S. (2018) A Multimodal investigation of contextual effects on alcohol's emotional rewards. *Journal of Abnormal Psychology*

Sirlanci, M., Luczak, S. E., Fairbairn, C. E., Bresin, K., **Kang, D.**, Rosen, I. G. (2018) Deconvolving the input to random abstract parabolic systems; a population model-based approach to estimating Blood/Breath Alcohol Concentration from transdermal alcohol biosensor data. *Inverse Problems*

**Manuscripts Under Review/Preprinted\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Fairbairn, C. E., **Kang, D.**, Nigel Bosch (Revision Submitted) Using Machine Learning and Time Series Feature Extraction to Create Real-Time Estimates of BAC from a New-Generation Transdermal Sensor.

**Conference Presentations\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Sirlanci, M., Luczak. E., Fairbairn, C. E., **Kang, D**., Pan, R., Yu, X., and Rosen I. G**.** (July 2019). Estimating the distribution of random parameters in a diffusion equation forward model for a transdermal alcohol biosensor. Conference paper presented at the annual meeting of the SIAM conference on Uncertainty Quantification,

**Kang, D.,** Fairbairn, C.E., and Ariss. T. (June 2019). *The Effect of Alcohol and Substance Use Interventions on Emotion Outcomes: A Meta-Analysis.* Poster presented at the 42nd annual meeting of the Research Society on Alcoholism, Minneapolis, MN

**Kang, D.**, Maynard M., Briley D., and Fairbairn C. E. (January 2017). *A Meta-Analysis of Attachment Security and Substance Use.* Poster presented at the 16th annual meeting of the Society of Personality and Social Psychology, San Antonio, TX.

Fairbairn, C. E., Bresin, K. W., Barnett, N. P., and **Kang, D.** (June 2017). *Combining Laboratory and Ambulatory Methods to Explore Alcohol Mood-Enhancement in Social Context.* Poster presented at the 38th annual meeting of Research Society on Alcoholism, Denver, CO.

**Awards and Honors\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

2019 **Honorable Mention**, National Science Foundation (NSF) Graduate Research Fellowship

2019 **Graduate Student Travel Award**,University of Illinois at Urbana-Champaign

2018 **Graduate Student Travel Award**,University of Illinois at Urbana-Champaign

2017 **Graduate Student Travel Award**,University of Illinois at Urbana-Champaign

2017 **Magna Cum Laude**,University of Illinois at Urbana-Champaign

2016 **Diversity Travel Award**, The Society of Personality & Social Psychology (SPSP)

2016 **Laura Bolton Research Award**,University of Illinois at Urbana-Champaign

2016 **Dean’s List**, University of Illinois at Urbana-Champaign

2015 **Dean’s List**, University of Illinois at Urbana-Champaign

**Research Experience\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Sep 2015 – Present **Alcohol Research lab, Univ. of Illinois Urbana-Champaign, IL**

*Graduate Research Assistant*

Research Advisor: Catharine Fairbairn, PhD

Jan 2016 – May 2017 **Emotions & Psychopathology lab, Univ. of Illinois Urbana-Champaign, IL**

*Undergraduate Research Assistant*

PI: Howard Berenbaum, PhD

Sep 2015 – May 2016 **Bullying lab, Univ. of Illinois Urbana-Champaign, IL**

*Undergraduate Research Assistant*

PI: Dorothy Espelage, PhD

Jan 2015 – May 2015 **Culture, Society, & Behavior lab, Univ. of Illinois Urbana-Champaign, IL**

*Undergraduate Research Assistant*

PI: Dov Cohen, PhD

**Teaching/Advising Experience \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Spring 2018 **Theories of Psychopathology and Counseling (PSYC 420)**

Supervisor: Lisa Kinderman, PsyD.

*Teaching Assistant*

Graded and provided feedback on writing assignments and exams.

Spring 2019 – present **Junior Honors Seminar (PSYC 398)**

*Co-advisor*

**Clinical Experience\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Aug 2019 – present **Motivational Interviewing at Rosecrance Substance Abuse Treatment**

**Center**

*Supervisor: Catharine Fairbairn, PhD.*

Aug 2019 – present **Minfulness-Based Relapse Prevention Group at Rosecrance Substance**

**Abuse Treatment Center**

*Supervisor: Christopher Menard, PsyD.*

Mar 2019 – present **The Illinois Neuro/Behavioral Assessment Laboratory (IN/BAL)**

*Supervisor: Kathryn Leskis, PhD.*

Provide psychological evaluations for student athletes at the University of Illinois referred by their coaching staff, associate athletic director, and/or individual psychotherapists. Trained to administer and score the following test batteries: Wechsler Adult Intelligence Scale – Fourth Edition (WAIS-IV), Wechsler Intelligence Scale for Children – Fifth Edition (WISC-V), Woodcock – Johnson Tests of Achievement – Fourth Edition (WJ-IV ACH), and Conners Continuous Performance Test 3rd Edition (CPT-3)

Aug 2018 – May 2019 **Neuropsychological Clinic at University of Illinois**

*Supervisor: Wendy Heller, PhD.*

Provide neuropsychological diagnostic assessments to adults and children with a host of referral questions. Trained to administer and score the following test batteries: WAIS-V, WJ-IV, WISC-V, Wide Range Assessment of Memory and Learning (WRAML-2), Wechsler Memory Scale 4th Edition (WMS-IV), The Test of Variables of Attention (T.O.V.A.®), Test of Visual and Auditory Attention (IVA-2), and Delis-Kaplan Executive Function System (D-KEFS) Trained to write comprehensive neuropsychological diagnostic reports.

Jun 2017 – present **Alcohol Research Lab at University of Illinois**

*Supervisor: Catharine Fairbairn, PhD.*

Conduct SCID-5-RV module E diagnostic interviews and Alcohol Timeline Follow Back (TLFB) to participants aged 21-30.

**Technical Skills / Specialized Training\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Behavioral Analysis**

* Facial Action Coding System (FACS) Training

**Physiological/psychophysiological Analysis**

* Secure Continuous Remote Alcohol Monitoring (SCRAM®) system
* BACtrack Skyn™
* Electroencephalography (EEG)
* Electromyography (EMP)

**Professional Membership\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

2019 ~ present **Research Society on Alcoholism (RSA)**

2018 ~present **Society for a Science of Clinical Psychology (SSCP)**

2017 ~present **Association for Psychological Science (APS)**

2016 ~ present **The Society of Personality and Social Psychology (SPSP)**

2015 ~ present **Psi Chi Society**