

ANNE M. FAIRLIE

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Mailing Address: Center for the Study of Health and Risk Behaviors
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EDUCATION

Ph.D., 2012 Behavioral Science in Psychology

University of Rhode Island, Kingston, RI
Focus Area: Research Methodology
Dissertation: Measurement Timing in Growth Mixture Modeling of Alcohol Trajectories
Mentors: Drs. Mark D. Wood and Theodore A. Walls

M.A., 2009 Psychology

University of Rhode Island, Kingston, RI
Thesis: Who May Have Benefited? An Examination of Moderators of Interventions Targeting College Student Alcohol Use and Consequences
Mentors: Drs. Mark D. Wood and Theodore A. Walls

B.A., 2000 Psychology

Connecticut College, New London, CT
Honors Thesis: Adolescents' Perceptions of the Effects of Substance Use and Its Acceptability
Advisor: Dr. Audrey Zakriski

FACULTY POSITIONS

2018 – Research Assistant Professor
Department of Psychiatry and Behavioral Sciences
University of Washington
Seattle, Washington

2015 – 2018 Acting Assistant Professor
Department of Psychiatry and Behavioral Sciences
University of Washington
Seattle, Washington

POSTGRADUATE TRAINING

2014 – 2015 Senior Fellow Trainee
Center for the Study of Health and Risk Behaviors, NIAAA T32 AA007455
Department of Psychiatry and Behavioral Sciences

University of Washington
Mentors: Drs. Christine Lee and Melissa Lewis

2012 – 2014 Postdoctoral Fellow

Prevention and Methodology Training Program, NIDA T32 DA017629
Methodology Center and Prevention Research Center
The Pennsylvania State University
Mentors: Drs. Stephanie Lanza and Jennifer Maggs

GRADUATE TRAINING AND RESEARCH EXPERIENCE

2005 – 2009 Graduate Research Assistant (part-time)

Department of Psychology, University of Rhode Island
Dr. Mark D. Wood, PI, NIAAA U01 AA014749 “Environmental Methods for Reducing Collegiate Drinking” and NIAAA R01 AA013919 “Alcohol Early Intervention for Freshmen”

2004 – 2005 Research Assessment Coordinator

Center for Alcohol and Addiction Studies, Brown University
Dr. Anthony Spirito, PI, NIAAA AA013385 “Family Motivational Interviews for ETOH+ Teens in the ER”

2002 – 2004 Research Assistant

Center for Alcohol and Addiction Studies, Brown University
Dr. Anthony Spirito, PI, NIAAA AA013385 (see above)

2000 – 2002 Research Assistant

Department of Psychology, Yale University
Dr. Mitchell Prinstein, PI, NIMH MH059766 “Peer Functioning, Suicidality, Transition to Adolescence”

GRANT SUPPORT

CURRENT GRANT SUPPORT

NIAAA: R34AA027302 Fairlie/Ramirez (Multiple PIs) 09/20/2019-08/31/2022
Development and preliminary examination of two brief personalized feedback interventions focused on lab-based and EMA alcohol cues to reduce hazardous young adult alcohol use
This research will develop and test two brief personalized feedback interventions that incorporate awareness of alcohol cues and response to craving. The study includes a pilot study with an in vivo cue reactivity session or EMA for 17 consecutive days.
Role: Multiple Principal Investigator

NIH/NIDA: U01 DA040219 Kilmer, Arria, & Cimini (MPIs) 09/01/2015-05/31/2020
Personalized Health Assessment Related to Medications (Project PHARM)

This study examines personalized feedback interventions to reduce misuse and non-medical use of prescription stimulants among college students and tests a web-based intervention and an in-person intervention delivered in a counseling center setting.

Role: Investigator/Data Analyst

NIH/NIAAA: 2R01AA016979-05A1 Lee (PI) 09/10/2017-08/31/2022

Personalized mobile app intervention: Challenging alcohol expectancies to reduce high-risk alcohol use and consequences

This project is developing and testing a mobile app intervention focused on challenging daily alcohol expectancies using surveys and intervention messages delivered daily.

Role: Co-Investigator

NIH/NIAAA: R01AA025037-01 Lee and Patrick (MPIs) 08/01/2016-07/31/2021

Intensive Daily Measurement of Simultaneous Alcohol and Marijuana Use in a High-Risk Community Sample of Young Adults: Impacts on Acute and Longer-term Use and Consequences

This project examines simultaneous use of alcohol and marijuana among a community sample of young adults via the collection of daily data.

Role: Co-Investigator

NIH/NIAAA: R01AA55037 Lewis (PI) 08/01/2018-07/31/2023

A Longitudinal, Measurement Burst Study to Examine the Ecological Validity of the Prototype Willingness Model of Hazardous Young Adult Alcohol Use

This project provides the first daily-level test of the Prototype Willingness Model (PWM) and examines the effects of decision-making cognitions on alcohol use and related negative consequences using ecological momentary assessment among adolescents and young adults.

Role: Co-Investigator

NIH/NIAAA: R34AA025159 Lewis and Moreno (MPIs) 09/30/2016-08/31/2020 (NCE)

SM BASICS: Development and Testing of a Social Media Enhanced Intervention

This study provides an experimental test of an alcohol intervention, an adapted Web-BASICS paired with social media (compared to control), and intervention delivery is triggered by alcohol displays on social media.

Role: Investigator/Data Analyst (11/01/2016 to present)

COMPLETED GRANT SUPPORT

NIH/NIAAA: R21AA024156-01A1 Fairlie (PI) 09/05/2016-08/31/2019 (NCE)

Event-level unintended heavy drinking, protective strategies, and consequences

This research examines unintended heavy drinking, specifically drinking more heavily than intended on specific occasions, and associations with protective behavioral strategies and alcohol-related consequences among college students aged 18-24 years.

Role: Principal Investigator

- NIH/NIAAA: R01AA021379 Lewis (PI) 07/01/2013-06/30/2019
Informing Alcohol-Related Risk Intervention with the Prototype Willingness Model
 This research examines a theoretically informed web-based personalized feedback intervention to reduce alcohol-related risky sexual behavior among underage young adults.
 Role and Dates of Support: Investigator/Data Analyst (07/01/2015 to present)
- NIH/NIAAA: R21AA024163-01A1 Litt (PI) 08/01/2016-07/31/2018
Experimental Test of Facebook Social Drinking Norms on Adolescent Alcohol Use
 This project uses an experimental design to examine relations between viewing social drinking norms on Facebook and alcohol use among adolescents.
 Role and Dates of Support: Investigator/Data Analyst (10/01/2016 to 07/31/2018)
- University of Washington/Alcohol & Drug Abuse Institute: Lewis (PI) 07/01/2016-06/30/2018
A Measurement Burst Study of the Prototype Willingness Model among Adolescents
 This research examines the Prototype Willingness Model (e.g., drinking willingness, perceived norms) using daily data collected up to 3 times per day among adolescents and young adults.
 Role: Investigator/Data Analyst
- NIH/NIAAA: R00AA020869 Litt (PI) 02/01/2014-01/31/2018
Developing a Dual-Process Intervention for Alcohol Use among Young Adults
 This is an experimental study examining the efficacy of interventions based on the Prototype Willingness Model for reducing alcohol use among young adults.
 Role and Dates of Support: Investigator/Data Analyst (10/01/2016 to 12/31/2017)
- NIH/NIAAA: R01AA022087 Lee (PI) 02/15/2014-01/31/2019
Developmental Models of High-Risk Alcohol Use & Social Roles in Young Adulthood
 This research focuses on alcohol use during young adulthood and investigates empirical evidence for two developmental models that have been posited to explain why alcohol use increases during young adulthood (ages 18-23).
 Role and Dates of Support: Investigator/Data Analyst (07/01/2015 to 09/30/2016)
- NIH/NIAAA: T32AA007455 Larimer (PI) 07/01/2014-06/30/2015
Psychology Training in Alcohol Research
 The purpose of this training grant is to provide research experience for individuals pursuing careers in alcohol research, with an emphasis on the etiology and prevention of problem drinking and alcohol dependence from psychosocial and bio-behavioral perspectives.
 Role: Senior Fellow Trainee
- NIH/NIDA: T32DA017629 Greenberg (PI) 06/01/2012-05/31/2014
Prevention and Methodology Training (PAMT)
 The purpose of this training grant is to provide research experience for individuals pursuing careers in alcohol research, with an emphasis on the etiology and prevention of problem drinking and alcohol dependence from psychosocial and bio-behavioral perspectives.
 Role: Postdoctoral Fellow Trainee
- NIH/NIAAA: F31AA020164 Fairlie (PI) 01/01/2011-05/31/2012
Measurement timing in growth mixture modeling of alcohol trajectories

A growing body of literature has sought to identify subgroups of individuals with different longitudinal courses of alcohol use. This research examined whether the identification of subgroups' (e.g., group with increasing use over time) varied in accordance with measurement timing (i.e., timing and spacing of the assessments). This research included an empirical application using publicly available data from the National Longitudinal Survey of Youth (NLSY) 1997 as well as a simulation study.

Role: Principal Investigator

PEER-REVIEWED PUBLICATIONS

1. Patrick, M. E., **Fairlie, A. M.**, Cadigan, J. M., Abdallah, D. A., Larimer, M. E., & Lee, C. M. (in press). Daily motives for alcohol and marijuana use as predictors of simultaneous use among young adults. *Journal of Studies on Alcohol and Drugs*, 80(4).
2. **Fairlie, A. M.**, Bernstein, M., Walls, T. A., & Wood, M. D. (2019). Effects of measurement timing on subgroup identification using growth mixture modeling: An empirical application to alcohol use. *Psychology of Addictive Behaviors*, 33(3), 232-242.
3. **Fairlie, A. M.**, Cadigan, J. M., Patrick, M. E., Larimer, M. E., & Lee, C. M. (2019). Unplanned heavy episodic and high-intensity drinking: Daily-level associations with mood, context, and negative consequences. *Journal of Studies on Alcohol and Drugs*, 80(3). 331-339.
4. Lewis, M. A., Rhew, I. C., **Fairlie, A. M.**, Swanson, A., Anderson, J., & Kaysen, D. (2019). Evaluating personalized feedback intervention framing with a randomized controlled trial to reduce young adult alcohol-related sexual risk taking. *Prevention Science*, 20(3), 310-320.
5. **Fairlie, A. M.**, Feinstein, B. A., Lee, C. M., & Kaysen, D. (2018). Subgroups of young sexual minority women based on drinking locations and companions and links with alcohol consequences, drinking motives, and LGBTQ-related constructs. *Journal of Studies on Alcohol and Drugs*, 79, 741-750.
6. **Fairlie, A. M.**, Garcia, T. A., Lee, C. M., & Lewis, M. A. (2018). Alcohol use and alcohol/marijuana use during the most recent sexual experience differentially predict characteristics of the sexual experience among sexually active young adult drinkers. *Addictive Behaviors*, 82, 105-108.
7. Fleming, C. B., Lee, C. M., Rhew, I. C., Ramirez, J. J., Abdallah, D. A., & **Fairlie, A. M.** (2018). Descriptive and prospective analysis of young adult alcohol use and romantic relationships: Disentangling between- and within-person associations using monthly assessments. *Substance Use & Misuse*, 53, 2240-2249.
8. Garcia, T. A., **Fairlie, A. M.**, Litt, D. M., Waldron, K., & Lewis, M. A. (2018). Perceived vulnerability moderates the relations between the use of protective behavioral strategies and alcohol use and consequences. *Addictive Behaviors*, 81, 150-156.
9. Lee, C. M., Cadigan, J. M., **Fairlie, A. M.**, & Lewis, M. A. (2018). Transitions into young adulthood: Extent to which alcohol use, perceived drinking norms, and consequences vary by education and work statuses among 18-20 year olds. *Addictive Behaviors*, 79, 107-112.
10. Lee, C. M., Rhew, I. C., Patrick, M. E., **Fairlie, A. M.**, Cronce, J. M., Larimer, M. E., Cadigan, J. M., & Leigh, B. C. (2018). Learning from experience? The influence of positive

and negative alcohol-related consequences on next-day alcohol expectancies and use among college drinkers. *Journal of Studies on Alcohol and Drugs*, 79(3), 465-473.

11. Litt, D. M., Lewis, M. A., **Fairlie, A. M.**, & Head-Corliss, M. K. (2018). An examination of the relative associations of prototype favorability, similarity, and their interaction with alcohol and alcohol-related risky sexual cognitions and behavior. *Emerging Adulthood*. <https://doi.org/10.1177/2167696818790827>
12. Luk, J. W., **Fairlie, A. M.**, Lee, C. M. (2018). Daily-level associations between negative mood, perceived stress, and college drinking: Do associations differ by sex and fraternity/sorority affiliation? *Substance Use & Misuse*, 53, 989-997.
13. Patrick, M. E., **Fairlie, A. M.**, & Lee, C. M. (2018). Motives for simultaneous alcohol and marijuana use among young adults. *Addictive Behaviors*, 76, 363-369.
14. Feinstein, B. A., Bird, E. R., **Fairlie, A. M.**, Lee, C. M., & Kaysen, D. (2017). A descriptive analysis of where and with whom lesbian versus bisexual women drink. *Journal of Gay & Lesbian Mental Health*, 21, 316-326.
15. Lee, C. M., Cronce, J. M., Baldwin, S. A., **Fairlie, A. M.**, Atkins, D. C., Patrick, M. E., Zimmerman, L., Larimer, M. E., & Leigh, B. C. (2017). Psychometric analysis and validity of the daily alcohol-related consequences and evaluations measure for young adults. *Psychological Assessment*. 29(3), 253-263.
16. Ramirez, J. J., **Fairlie, A. M.**, Olin, C. C., & Lindgren, K. P. (2017). Implicit and explicit drinking identity predict latent classes that differ on the basis of college students' drinking behaviors. *Drug and Alcohol Dependence*, 178, 579-585.
17. **Fairlie, A. M.**, Ramirez, J. J., Patrick, M. E., & Lee, C. M. (2016). When do college students have less favorable views of drinking? Evaluations of alcohol experiences and positive and negative consequences. *Psychology of Addictive Behaviors*, 30(5), 555-565.
18. **Fairlie, A. M.**, Maggs, J., L., & Lanza, S. T. (2016). Profiles of college drinkers defined by Alcohol behaviors at the week level: Replication across semesters and prospective associations with hazardous drinking and dependence-related symptoms. *Journal of Studies on Alcohol and Drugs*, 77, 38-50.
19. Patrick, M. E., Cronce, J. M., **Fairlie, A. M.**, Atkins, D. C., & Lee, C. M. (2016). Day-to-day variations in high-intensity drinking, expectancies, and positive and negative alcohol-related consequences. *Addictive Behaviors*, 58, 110-116.
20. **Fairlie, A. M.**, DeJong, W., & Wood, M. D. (2015). Local support for alcohol control policies and perceptions of neighborhood issues in two college communities. *Substance Abuse*, 36(3), 289-296.
21. **Fairlie, A. M.**, Maggs, J., L., & Lanza, S. T. (2015). Prepartying, drinking games, and extreme drinking among college students: A daily-level investigation. *Addictive Behaviors*, 42, 91-95.
22. **Fairlie, A. M.**, Wood, M. D., & Laird, R. D. (2012). Prospective protective effect of parents on peer influences and college alcohol involvement. *Psychology of Addictive Behaviors*, 26(1), 30-41. doi:10.1037/a0023879

23. Chun, T. H., Spirito, A., Hernández, L., **Fairlie, A. M.**, Sindelar-Manning, H., Eaton, C. A., & Lewander, W. J. (2010). The significance of marijuana use among alcohol-using adolescent emergency department patients. *Academic Emergency Medicine, 17*, 63-71.
24. **Fairlie, A. M.**, Chun, T. H., Hernández, L., Sindelar-Manning, H., Eaton, C. A., Lewander, W., & Spirito, A. (2010). Alcohol use history differentiates adolescents treated in the emergency department after an alcohol-related incident. *Pediatric Emergency Care, 26*(6), 417-423. doi:10.1097/PEC.0b013e3181e057a4
25. **Fairlie, A. M.**, DeJong, W., Stevenson, J. F., Lavigne, A. M., & Wood, M. D. (2010). Fraternity and sorority leaders and members: A comparison of alcohol use, attitudes, and policy awareness. *The American Journal of Drug and Alcohol Abuse, 36*, 187-193. doi:10.3109/00952990.2010.491878
26. **Fairlie, A. M.**, Quinlan, K. J., DeJong, W., Wood, M. D., Lawson, D., & Witt, C. F. (2010). Sociodemographic, behavioral, and cognitive predictors of alcohol-impaired driving in a sample of U.S. college students. *Journal of Health Communication, 15*(2), 218-232.
27. Hernández, L., Eaton, C. A., **Fairlie, A. M.**, Chun, T. H., & Spirito, A. (2010). Ethnic group differences in substance use, depression, peer relationships and parenting among adolescents receiving brief alcohol counseling. *Journal of Ethnicity in Substance Abuse, 9*(1), 14-27. doi:10.1080/15332640903538874
28. Wood, M. D., **Fairlie, A. M.**, Fernandez, A. C., Borsari, B., Capone, C., Laforge, R., & Carmona-Barros, R. (2010). Brief motivational and parent interventions for college students: A randomized factorial study. *Journal of Consulting and Clinical Psychology, 78*, 349-361. doi:10.1037/a0019166
29. Ichiyama, M. A., **Fairlie, A. M.**, Wood, M. D., Turrisi, R., Francis, D. P., Ray, A. E., & Stanger, L. A. (2009). A randomized trial of a parent-based intervention on drinking behavior among incoming college freshmen. *Journal of Studies on Alcohol and Drugs, Supplement 16*, 67-76.
30. Walls, T. A., **Fairlie, A. M.**, & Wood, M. D. (2009). Parents do matter: A longitudinal two-part mixed model of early college alcohol participation and intensity. *Journal of Studies on Alcohol and Drugs, 70*, 908-918.
31. Wood, M. D., DeJong, W., **Fairlie, A. M.**, Lawson, D., Lavigne, A. M., & Cohen, F. (2009). Common Ground: An investigation of environmental management alcohol prevention initiatives in a college community. *Journal of Studies on Alcohol and Drugs, Supplement 16*, 96-105.
32. Esposito-Smythers, C., McClung, T. J., & **Fairlie, A. M.** (2006). Adolescent perceptions of a suicide prevention group on an inpatient unit. *Archives of Suicide Research, 10*, 265-275.
33. **Fairlie, A. M.**, Sindelar, H. A., Eaton, C. A., & Spirito, A. (2006). Utility of the AUDIT for screening adolescents for problematic alcohol use in the emergency department. *International Journal of Adolescent Medicine and Health, 18*, 115-122. (Reprinted (2006) In I. Kandel, J. Merrick, & L. Sher. (Eds.), *Adolescence and alcohol: An international perspective*. London and Tel Aviv: Freund Publishing House.)

BOOK CHAPTERS

- Litt, D. M., **Fairlie, A. M.**, Lewis, M. A., & Stock, M. L. (in press). Health correlates and consequences of social comparison. In K. Sweeny & M. Robbins (Eds), *Wiley Encyclopedia of Health Psychology: Volume II, The Social Bases of Health Behavior*.
- Fairlie, A. M.**, Erickson, D. J., & Wood, M. D. (2012). Campus and community interventions to reduce alcohol use, abuse, and consequences. In C. J. Correia, J. G. Murphy, & N. P. Barnett (Eds.), *College student alcohol abuse: A guide to assessment, intervention, and prevention* (pp. 166-194). Hoboken, NJ: John Wiley & Sons.

HONORS AND AWARDS

- 2015 Junior Investigator Award, Research Society on Alcoholism
- 2013 – 2014 Early Career Preventionists Network Travel Award, Society for Prevention Research
- 2013 Junior Investigator Award, Research Society on Alcoholism
- 2013 Peter Merenda Prize in Statistics and Research Methodology, URI
- 2012 Graduate Student Research Excellence Award in the Social Sciences, Arts and Humanities, URI
- 2011 Graduate Student Excellence, Behavioral Science, Psychology, URI
- 2010 Fall Graduate Fellowship, URI
- 2010 – 2012 Beaupre Hope & Heritage Award for travel to conferences, URI
- 2009 Travel Award, American Psychological Association
- 2008 Beaupre Hope & Heritage Award for travel to training, URI
- 2007 – 2012 Student Merit Award, Research Society on Alcoholism
- 2000 Graduated magna cum laude with honors study and distinction in the major field
- 2000 Phi Beta Kappa, Connecticut College
- 1999 Psi Chi National Honor Society in Psychology, Connecticut College
- 1998 Helen L. Petty Award in recognition of the highest level of scholarship and exemplary contribution to the Avery Point community, University of Connecticut
- 1997 New England Scholar Award, University of Connecticut

TEACHING

- 2019 Spring Teach undergraduate-level course (PSYCH448B) on multiple regression, path analysis, and structural equation modeling in the Department of Psychology, University of Washington. Sole instructor responsible for designing and teaching.
- 2016 – 2018 Contributed to Grantsmanship seminar through participation in reviews of attendees' grant materials. Center for the Study of Health and Risk Behaviors, University of Washington.
- 2017 – 2018 Lecturer
University of Washington
- 2015 Biomedical Research Integrity Series, School of Medicine.

Topics: Data acquisition, management, sharing, and ownership; conflicts of interest.

- 2016 Invited Lecture
Data Analysis and Methods Committee, CSHRB, University of Washington
“An Introduction to Research Questions that Daily Data Can Answer”
- 2015 Invited Lecture
Data Analysis and Methods Committee, CSHRB, University of Washington
“Why You Should Have LCA in Your Bag of (Research) Tricks and When You Can Use It”
- 2010 Teaching Assistant
University of Rhode Island
Graduate-level multivariate statistics course with approximately 20 students. Topics included multiple regression, ANCOVA, MANOVA, logistic regression, discriminant function analysis, factor analysis, multilevel modeling, and matrices.
- 2009 Teaching Assistant
University of Rhode Island
Graduate-level statistics course on experimental design (introductory statistics, t-test, ANOVA), two sections with a total of approximately 45 students.
- 2008 – 2011 Invited Lecturer
University of Rhode Island
Graduate-level structural equation modeling class, “Demonstration of latent growth modeling using EQS and Mplus.”
- 2008 Statistical Consultant for graduate students and faculty in Psychology
University of Rhode Island
- 2007 Teaching Assistant
University of Rhode Island
Graduate-level structural equation modeling class. Responsibilities included instructing students on how to use statistical software, EQS, and grading.
- 2005 – 2006 Co-Leader for class within Dr. Mark Wood’s research lab
University of Rhode Island
- 1998 – 2000 Writing Tutor
Connecticut College, Writing Center as well as New London Adult Education and Coast Guard Academy
- 1998 Tutor in statistics, writing, and calculus
University of Connecticut, Learning Resources Center

PROFESSIONAL AFFILIATIONS

American Psychological Association, Division 5 (Division for Quantitative and Qualitative Methods), Division 50 (Society of Addiction Psychology)
 Association for Psychological Science
 Research Society on Alcoholism

EDITORIAL RESPONSIBILITIES

Ad hoc reviewer: *Addiction*
Addictive Behaviors
Alcohol and Alcoholism
Alcoholism: Clinical and Experimental Research
The American Journal on Addictions
Drug and Alcohol Dependence
Drug and Alcohol Review
Emerging Adulthood
Frontiers: Clinical and Health Psychology
Journal of Adolescence
Journal of Adolescent Health
Journal of Behavioral Addictions
Journal of Health Communication
Journal of Primary Prevention
Journal of Studies on Alcohol and Drugs
Journal of Substance Use
Multivariate Behavioral Research
Prevention Science
Psychological Methods
Psychology of Addictive Behaviors
Substance Use and Misuse

NATIONAL SERVICE/RESPONSIBILITIES

2019	Serve on the Program Committee for the 2019 annual meeting of the Research Society on Alcoholism, reviewed symposia and poster submissions
2018	Review dissertation award submissions, American Psychological Association
2018	Review submissions for 2018 conference of the Collaborative Perspectives on Addiction, American Psychological Association, Division 50
2017	Review conference submissions, Society for Research on Adolescence
2015	Review conference submissions, Society for Prevention Research
2007	Student reviewer for student grant competition, Association for Psychological Science

LOCAL SERVICE/RESPONSIBILITIES

- 2018 Presentation “Combining forces: Health risk behaviors and quantitative methods,” Department of Psychiatry and Behavioral Sciences meeting on December 19, 2018, University of Washington.
- 2017 – 2018 Review applications for Mary Gates Scholarships, University of Washington
- 2015 – present Serve on Data Analysis and Methods committee at the Center for the Study of Health and Risk Behaviors, University of Washington

STATISTICS/RESEARCH TRAININGS AND CONFERENCES ATTENDED

- Developmental Methods Conference. Co-Organizers: Katherine Masyn, Kevin Grimm and Marcus Waldman. Whitefish, MT, Sept 27-30, 2018.
- Summer Institute on Statistical Power Analysis for Intensive Longitudinal Studies, Dr. Jean-Philippe Laurenceau and Dr. Niall Bolger. The Methodology Center, The Pennsylvania State University, State College, PA, June 29-30, 2017.
- “An Introduction to Multiple Imputation” by Ofer Harel. Pre-conference workshop at Modern Modeling Methods, 2012, University of Connecticut, Storrs CT, May 21, 2012.
- Grant writing seminar series, Brown University, Center for Alcohol and Addiction Studies, Providence RI, January 2011 to April 2012.
- Research-Related Writing Workshop, Department of Psychology, University of Rhode Island, Kingston RI, Summer 2010.
- “The Analysis of Incomplete Data – From Past to Future,” American Statistics Association, CT Chapter Mini-Conference, University of Connecticut, Storrs, CT, March 2, 2010.
- Mplus short courses: Introductory, intermediate, and advanced growth modeling (Topics 3 and 4), Bengt Muthén. Johns Hopkins University, Baltimore, MD, August 21-22, 2008.
- Summer Institute on Longitudinal Methods: Mediation Analysis, Dr. David MacKinnon. The Methodology Center, The Pennsylvania State University, State College, PA, June 2-4, 2008.
- Ethics Fellows Program, University of Rhode Island, Kingston, RI, Fall 2007.
- “Conducting focus groups for social, policy, and academic research,” Group Dimensions International, University of Rhode Island, Kingston, RI, January 17-18, 2007

PRESENTATIONS

1. **Fairlie, A. M.**, Patrick, M. E., Cadigan, J. M., Abdallah, D. A., Larimer, M. E., & Lee, C. M. (2019, July). Daily motives for alcohol and marijuana use as predictors of simultaneous use among young adults. In A. J. Bravo (Chair), *Concurrent and simultaneous use of marijuana and other drugs: Current research on patterns of use and associated consequences*. Symposium presented at the Annual Scientific Meeting of the Research Society on Marijuana, Vancouver, WA.
2. Lee, H.-Y., Fossos-Wong, N., **Fairlie, A. M.**, Kilmer, J. R., Larimer, M. E., Lee, C. M., Vincent, K. B., Arria, A. M., Cimini, M. D., Sokolowski, K., Subramaniam, G., & Liu, D.

- (2019, July). *Sex differences in the relationship between depressive symptoms and marijuana use and consequences among polysubstance-using college students*. Poster presented at the annual meeting of the Research Society on Marijuana, Vancouver, WA.
3. Lyles-Riebli, R., Abdallah, D. A., **Fairlie, A. M.**, Duckworth, J. C., & Lee, C. M. (2019, July). *Marijuana and alcohol use patterns across education levels*. Poster presented at the annual meeting of the Research Society on Marijuana, Vancouver, WA.
 4. **Fairlie, A. M.**, Lewis, M.A. & Lee, C. M. (2019, June). Do college students plan to use more protective behavioral strategies on days they intend to drink heavily? In **A. M. Fairlie** and N. M. Scaglione (Organizers/Chairs), *Understanding protective behavioral strategies through event-level examinations of behavior and innovative intervention*. Symposium presented at the Annual Scientific Meeting of the Research Society on Alcoholism, Minnesota, MN.
 5. **Fairlie, A. M.**, Patrick, M. E., & Lee, C. M. (2019, June). *Evidence for using emojis as an alternative way to assess positive and negative affect in daily studies on young adult alcohol use*. Poster presented at the annual meeting of the Research Society on Alcoholism, Minnesota, MN.
 6. Lee, C. M., Fleming, C., Patrick, M., & **Fairlie, A. M.** (2019, June). Young adults' cross-fading motives for simultaneous alcohol and marijuana use: Associations with use and consequences across days. In J. Merrill and J. Wardell (Organizers/Chairs), *Advancements in research on the cannabis-alcohol link: Part 2 – Event-level antecedents and consequences of simultaneous use*. Symposium presented at the Annual Scientific Meeting of the Research Society on Alcoholism, Minnesota, MN.
 7. Li, X., Lewis, M. A., **Fairlie, A. M.**, & Mun, E.-Y. (2019, June). *Participants come back to see web-delivered personalized feedback aimed at reducing alcohol-related risky sexual behavior among young adults*. Poster presented at the annual meeting of the Research Society on Alcoholism, Minnesota, MN.
 8. Binger, K., Hyzer, R., Kerr, B., Lewis, M., **Fairlie, A. M.**, & Moreno, M. (2019, April). *Identifying problem drinking: Social media alcohol displays by community college students*. Poster presented at the Pediatric Academic Societies Meeting, Baltimore, MD.
 9. Lewis, M. A., LoParco, C., Litt, D. M., King, K. M., **Fairlie, A. M.**, & Lee, C. M. (2019, April). *Ecological validity of the prototype willingness model of adolescent and young adult alcohol use*. Poster presented at the annual meeting of the Collaborative Perspectives on Addiction (American Psychological Association, Division 50 Addiction Psychology), Providence, RI.
 10. Cadigan, J. M., Janssen, T., **Fairlie, A. M.**, & Lee, C. M. (2018, November). Profiles of young adult health: Concurrent and prospective association with alcohol and marijuana use and motives. In S. R. Davis (Chair), *Investigating substance use motives to inform intervention and prevention efforts*. Symposium presented at the annual meeting of Association for Behavioral and Cognitive Therapies, Washington, DC.
 11. **Fairlie, A. M.**, Waldron, K. A., Wallace, E. C., Ton, A. T., Lewis, M. A. & Lee, C. M. (2018, June). *Are perceived norms for alcohol-related protective behavioral strategies associated with personal use and usefulness of these strategies among young adult drinkers?* Poster presented at the annual meeting of the Research Society on Alcoholism, San Diego, CA.
 12. Lee, C.M., Fleming, C., Patrick, M. E., **Fairlie, A. M.**, Abdallah, D. A., & Sypchalla, K. (2018, June). Cross-fading in a daily diary study of alcohol and marijuana use in young adults: Links with level of use, intoxication, and context. In H. E. White and M. E. Patrick (Chairs), *Simultaneous alcohol and marijuana use among adolescents and emerging adults: From brain to behavior*. Symposium presented at the 41th Annual Scientific Meeting of the Research Society on Alcoholism, San Diego, CA.

13. Lee, C. M., Patrick, M. E., **Fairlie, A. M.**, Ramirez, J. J., Luk, J. W., Lewis, M. A. (2018, June) *Self-fulfilling prophecies: Documentation of real-world daily alcohol expectancy effects on the experience of specific positive and negative alcohol-related consequences*. Poster presented at the annual meeting of the Research Society on Alcoholism, San Diego, CA.
14. Patrick, M. E., **Fairlie, A. M.**, & Lee, C. M. (2018, June). *Daily-level coping, enhancement, and social motives as predictors of simultaneous alcohol and marijuana use in a community sample of young adults*. Poster presented at the annual meeting of the Research Society on Alcoholism, San Diego, CA.
15. Lewis, M. A., Rhew, I. C., **Fairlie, A. M.**, & Kaysen, D. (2017, November). Evaluating personalized feedback intervention framing with a randomized controlled trial to reduce young adult alcohol-related sexual risk taking. In **A. M. Fairlie** and M. A. Lewis (Chairs), *Innovative interventions to reduce alcohol-related risk among diverse populations: Emergency department patients, veterans, and young adults*. Symposium conducted at the annual meeting of the Association for Behavioral and Cognitive Therapies, San Diego, CA.
16. **Fairlie, A. M.**, & Lewis, M. A. (2017, June). *Do college students want to reduce their drinking? Results of latent class analysis and associations with negative consequences and related cognitions*. Poster presented at the annual meeting of the Research Society on Alcoholism, Denver, CO.
17. **Fairlie, A. M.**, Patrick, M. E., Lee, C. M. (2017, June). *Motives for simultaneous alcohol and marijuana use among young adults and associations with alcohol/marijuana use and consequences*. Poster presented at the annual meeting of the Research Society on Alcoholism, Denver, CO.
18. Litt, D. M., Rhew, I. C., **Fairlie, A. M.**, Swanson, A., Anderson, J., Kaysen, D., & Lewis, M. A. (2017, June). *Evaluating personalized feedback intervention framing with a randomized controlled trial to reduce young adult alcohol-related sexual risk taking*. Poster presented at the annual meeting of the Research Society on Alcoholism, Denver, CO.
19. Kossof, S., Litt, D. M., Lewis, M. A., & **Fairlie, A. M.** (2017, May). *Attitudes mediate the relationship between alcohol-related consequences and alcohol consumption*. Poster presented at the University of Washington Undergraduate Research Symposium, Seattle, WA.
20. Pahler, K. P., Litt, D. M., **Fairlie, A. M.**, & Lewis, M. A. (2017, May). *Prototype favorability and sexual violence perpetration in young males*. Poster presented at the University of Washington Undergraduate Research Symposium, Seattle, WA.
21. Pham, M. Y., **Fairlie, A. M.**, Litt, D. M., & Lewis, M. A. (2017, May). *Understanding gender differences in alcohol consequences and alcohol-related sexual consequences*. Poster presented at the University of Washington Undergraduate Research Symposium, Seattle, WA.
22. Wallace, E. C., Litt, D. M., **Fairlie, A. M.**, & Lewis, M. A. (2017, May). *Sexual experience and its association with condom use after drinking*. Poster presented at the University of Washington Undergraduate Research Symposium, Seattle, WA.
23. Lewis, M. A., **Fairlie, A. M.**, Litt, D. M., & Lee, C. M. (2016, October). *Alcohol use and concurrent alcohol/marijuana use as predictors of condom use, relationship characteristics, and psychological issues associated with the most recent sexual experience among young adults*. Poster presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, New York, NY.
24. **Fairlie, A. M.**, & Lee, C. M. (2016, June). *Associations between young adults' reasons drinking ends on a given occasion and amount of alcohol consumed, including high*

intensity drinking. Poster presented at the annual meeting of the Research Society on Alcoholism, New Orleans, LA.

25. **Fairlie, A. M.**, & Lewis, M. A. (2016, June). *Factor structure of a measure assessing alcohol-related sexual consequences among at-risk young adults*. Poster presented at the annual meeting of the Research Society on Alcoholism, New Orleans, LA.
26. Lee, C. M., **Fairlie, A. M.**, Patrick, M. E., & Gulati, N. K. (2016, June). *Variability in the occurrence of heavy episodic and high intensity drinking across six months among a community sample of young adults*. Poster presented at the annual meeting of the Research Society on Alcoholism, New Orleans, LA.
27. Luk, J. W., **Fairlie, A. M.**, & Lee, C. M. (2016, June). *Testing the effects of daily negative mood and stress on same-day and next-day drinking*. Poster presented at the annual meeting of the Research Society on Alcoholism, New Orleans, LA.
28. Ramirez, J. J., **Fairlie, A. M.**, Olin, C. C., & Lindgren, K. P. (2016, June). *Implicit and explicit drinking identity measures as predictors of college student drinking behaviors*. Poster presented at the annual meeting of the Research Society on Alcoholism, New Orleans, LA.
29. **Fairlie, A. M.**, Lee, C. M., & Gulati, N. K. (2016, May). *Reasons I choose not to use marijuana: Exploratory factor analysis of young adult motivations for marijuana non-use and group differences by level of use*. Poster presented at the annual meeting of the Society for Prevention Research, San Francisco, CA.
30. Lee, C. M., Patrick, M. E., & **Fairlie, A. M.** (2016, March). Micro-transitions in adult social roles and high-risk alcohol use in young adulthood. In M. E. Patrick (Chair), *The ins and outs of the transition to adulthood: Social role transitions and substance use*. Symposium conducted at the annual meeting of the Society for Research on Adolescence, Baltimore, MD.
31. **Fairlie, A. M.**, & Lee, C. M. (2015, June). *Unplanned heavy drinking: Testing mood, motives, and context as daily-level predictors*. Poster presented at the annual meeting of the Research Society on Alcoholism, San Antonio, TX.
32. Patrick, M. E., Crouce, J. M., **Fairlie, A. M.**, Atkins, D. C., & Lee, C. M. (2015, June). *Day-to-day variations in extreme binge drinking, expectancies, and alcohol-related consequences*. Poster presented at the annual meeting of the Research Society on Alcoholism, San Antonio, TX.
33. Maggs, J. L., **Fairlie, A. M.**, & Patrick, M. E. (2014, March). Heavy and extreme drinking across college: Predictors and consequences from a longitudinal measurement burst design. In J. Schulenberg (Chair), *Extreme binge drinking during the transition from adolescence to adulthood: Science finally catches up to the party*. Symposium conducted at the annual meeting of the Society for Research on Adolescence, Austin, TX.
34. **Fairlie, A. M.**, Lanza, S. T., & Maggs, J. L. (2013, June). *Short-term stability and instability in drinking patterns among college students: A latent transition analysis*. Poster presented at the annual meeting of the Research Society on Alcoholism, Orlando, FL.
35. **Fairlie, A. M.**, Lanza, S. T., & Maggs, J. L. (2013, May). Do we adequately measure the alcohol-specific behavior of college students: Measurement implications from a latent class analysis. In **A. Fairlie** (Chair), *Extreme alcohol use: Prevalence, patterns, predictors, and consequences*. Symposium conducted at the annual meeting of the Society for Prevention Research, San Francisco, CA.
36. **Fairlie, A. M.**, Jackson, K. M., Walls, T. A., & Wood, M. D. (2012, June). *Alcohol trajectory estimation is sensitive to measurement timing in the context of growth mixture modeling*.

Poster presented at the annual meeting of the Research Society on Alcoholism, San Francisco, CA.

37. **Fairlie, A. M.**, Jackson, K. M., Walls, T. A., & Wood, M. D. (2012, May). *Longitudinal trajectories, polynomial functions, and measurement timing*. Paper presented at the Modern Modeling Methods conference, University of Connecticut, Storrs, CT.
38. Abar, C. C., Jackson, K. M., **Fairlie, A. M.**, & Wood, M. D. (2011, October). *Mechanisms of influence of parental monitoring and knowledge on college student drinking and experienced consequences*. Poster presented at the meeting of the Society for the Study of Emerging Adulthood, Providence, RI.
39. **Fairlie, A. M.**, Laird, R. D., Abar, C. C., & Wood, M. D. (2011, June). *Multiple growth processes to test dynamic relations: Investigating time-varying protective effect of parents on peer-alcohol relations in college*. Poster presented at the annual meeting of the Research Society on Alcoholism, Atlanta, GA.
40. Martin, S. D., **Fairlie, A. M.**, McGeary, J., Knopik, V., & Wood, M. D. (2011, June). *Prospective examination of a genetically-informed enhanced reinforcement model of alcohol problems in emerging adults*. Poster presented at the annual meeting of the Research Society on Alcoholism, Atlanta, GA.
41. **Fairlie, A. M.**, DeJong, W., & Wood, M. D. (2011, May/June). *Public support for local alcohol control policies in two college communities*. Poster presented at the annual meeting of the Society for Prevention Research, Washington DC.
42. **Fairlie, A. M.**, Fernandez, A. C., McGeary, J., & Wood, M. D. (2010, June). *Do OPRM1 and GABRA2 SNPs moderate the effects of brief motivational or parent-based interventions for college student alcohol involvement?* Poster presented at the annual meeting of the Research Society on Alcoholism, San Antonio, TX.
43. Fernandez, A. C., **Fairlie, A. M.**, Martin, S., McGeary, J., & Wood, M. D. (2010, June). *Toward a genetically informed model of drinking for relief of negative affect: A latent growth curve analysis of alcohol problems in emerging adults*. Poster presented at the annual meeting of the Research Society on Alcoholism, San Antonio, TX.
44. Ichiyama, M. A., Francis, D., **Fairlie, A.**, Wood, M., De Los Santos, S., & Bergmann, K. (2010, April). *Border crossings and alcohol-related consequences in college freshmen women*. Poster presented at the annual meeting of the Western Psychological Association, Cancun, MX.
45. Wood, M. D., **Fairlie, A. M.**, & Fernandez, A. C. (2009, December). *Brief motivational and parent interventions for college student drinking: A randomized factorial study*. Paper presented at the Kettil Bruun Society Thematic Meeting: Episodic drinking among adolescents, Nijmegen, The Netherlands.
46. Wood, M. D., & **Fairlie, A. M.** (2009, November). *Thinking about drinking: From epidemiology and etiology to intervention*. Paper presented at the Psychology Department Colloquium Series, Connecticut College, New London, CT.
47. **Fairlie, A. M.**, Harlow, L. L., & Wood, M. D. (2009, August). *Demonstration of latent growth modeling using EQS and Mplus*. Poster presented at the annual meeting of the American Psychological Association, Toronto, Ontario, Canada.
48. Ichiyama, M. A., Bergmann, K., **Fairlie, A. M.**, & Francis, D. P. (2009, August). *Influences of parental relationship quality on alcohol use and problems among matriculating college freshmen*. Poster presented at the annual meeting of the American Psychological Association, Toronto, Ontario, Canada.
49. Chun, T. H., Spirito, A., Hernández, L., **Fairlie, A. M.**, Sindelar-Manning, H., & Eaton, C. A. (2009, June). *Substance use, peer relationships and parenting among alcohol positive ED*

- adolescents: Differences in presentation based on history of marijuana use.* Poster presented at the annual meeting of the Research Society on Alcoholism, San Diego, CA.
50. **Fairlie, A. M.**, Hernández, L., Chun, T. H., Eaton, C. A., & Spirito, A. (2009, June). *Alcohol use history differentiates adolescents treated in the emergency department following an alcohol-related incident.* Poster presented at the annual meeting of the Research Society on Alcoholism, San Diego, CA.
51. **Fairlie, A. M.**, Walls, T. A., & Wood, M. D. (2009, June). *Who may have benefited? An examination of moderators of student- and parent-based interventions targeting college student alcohol use and problems.* Paper and Poster presented at the annual meeting of the Research Society on Alcoholism, San Diego, CA.
52. **Fairlie, A. M.**, Wood, M. D., Ichiyama, M. A., Ray, A. E., Turrisi, R., & Francis, D. P. (2009, June). *An examination of putative mediators of a parent-based intervention targeting college student alcohol use and consequences.* Paper and poster presented at the annual meeting of the Research Society on Alcoholism, San Diego, CA.
53. Hernández, L., Eaton, C. A., **Fairlie, A. M.**, Chun, T. H., & Spirito, A. (2009, June). *Ethnic group differences in substance use, peer relationships and parenting among adolescent alcohol treatment seekers.* Poster presented at the annual meeting of the Research Society on Alcoholism, San Diego, CA.
54. Ichiyama, M. A., **Fairlie, A. M.**, Francis, D. P., Wood, M. D., Turrisi, R., Ray, A. E., & Stanger, L. (2009, June). *Parent-based predictors of heavy drinking and alcohol-related problems in matriculating college women and men.* Poster presented at the annual meeting of the Research Society on Alcoholism, San Diego, CA.
55. **Fairlie, A. M.**, & Stamm, K. (2009, May). *Psychology department statistics consultation: A year in review.* Paper presented at the annual Psychology Department Graduate Student Colloquium, University of Rhode Island, Kingston, RI.
56. Rossi, J. S., Schembre, S., **Fairlie, A. M.**, Kobayashi, H., & Kondo, K. K. (2008, September). *Power for nested comparisons in structural equation modeling: Preliminary results.* Paper presented at the annual meeting of the Society of Multivariate Experimental Psychology, Montreal.
57. **Fairlie, A. M.**, Walls, T. A., & Wood, M. D. (2008, June/July). *An application of mixed distribution modeling to examine alcohol use and consequences across the transition to college.* Poster presented at the annual meeting of the Research Society on Alcoholism, Washington DC.
58. Ichiyama, M. A., **Fairlie, A. M.**, Wood, M. D., Turrisi, R., Francis, D., Ray, A. E., & Stanger, L. (2008, June/July). *A randomized trial of a parent-based intervention on incoming college students.* Poster presented at the annual meeting of the Research Society on Alcoholism, Washington DC.
59. Wood, M., Laforge, R., Fernandez, A., **Fairlie, A.**, & Black, J. (2008, June/July). Brief motivational and parent-based interventions with incoming freshmen: A randomized factorial study. In R. Turrisi (Chair), *Parent involvement in preventing high-risk college student drinking: Emerging evidence from etiological, efficacy, and effectiveness studies.* Symposium conducted at the annual meeting of the Research Society on Alcoholism, Washington DC.
60. Wood, M., **Fairlie, A.**, & Laird, R. (2008, May). Parent and peer influences on alcohol use and problems during the transition into university. In C. van der Zwaluw & T. Dishion (Chairs), *How does the familiar environment affect alcohol use in adolescents and young*

adults? Symposium conducted at the annual meeting of the European Association for Research on Adolescence, Turin, Italy.

61. **Fairlie, A. M.**, Walls, T. A., & Wood, M. D. (2008, May). *Mixed distribution modeling in a college alcohol use study*. Paper presented at the annual Psychology Department Graduate Student Colloquium, University of Rhode Island, Kingston, RI.
62. Cohen, F., **Fairlie, A. M.**, Resendes, A. M., Lawson, D., Wood, M. D., & DeJong, W. (2007, July). The role of a media campaign in publicizing environmental initiatives in a college community. In M. Wood & J. Lange (Chairs), *The rapid response to college drinking problems initiative II: From environment correlates to individual brief interventions*. Symposium conducted at the annual meeting of the Research Society on Alcoholism, Chicago, IL.
63. **Fairlie, A. M.**, Black, J. T., & Wood, M. D. (2007, July). *Examining changes in alcohol involvement and social influences during the transition into college*. Poster presented at the annual meeting of the Research Society on Alcoholism, Chicago, IL.
64. Resendes, A. M., **Fairlie, A. M.**, & Wood, M. D. (2007, July). *Predicting alcohol use and problems among incoming college students: An examination of parent and student reports of parental involvement*. Paper and poster presented at the annual meeting of the Research Society on Alcoholism, Chicago, IL.
65. DeJong, W., Wood, M., Lawson, D., Quinlan, K. J., **Fairlie, A. M.**, Guindon, A. J., & Resendes, A. M. (2006, November). *RhodeMap to Safety: A media campaign to change college student perceptions of the campus-community alcohol environment*. Poster presented at the annual meeting of the American Public Health Association, Boston, MA.
66. Walls, T. A., & **Fairlie, A. M.** (2006, August). Developments in longitudinal data analysis. In L. L. Harlow (Chair), *Launching a Minority Student Quantitative Psychology Program (MSQPP)*. Symposium conducted at the annual meeting of the American Psychological Association, New Orleans, LA.
67. Wood, M. D., Capone, C., Resendes, A., & **Fairlie, A. M.** (2006, May). *Correspondence of parent and teen reports as correlates of alcohol involvement*. Poster presented at the annual meeting of the Association for Psychological Science, New York, NY.
68. **Fairlie, A. M.**, Sindelar, H. A., Eaton, C. A., & Spirito, A. (2005, June). *Identifying hazardous drinking among adolescents in the emergency department*. Poster presented at the annual meeting of the Research Society on Alcoholism, Santa Barbara, CA.
69. **Fairlie, A. M.** (2000, April). *Adolescents' perceptions of the effects of substance use and its acceptability*. Paper presented at Psi Chi Psychology Conference, Connecticut College, New London, CT.