



alcohol use disorder

college and underage drinking

prenatal alcohol and tobacco exposure

risky behavior

substance abuse intervention

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Dr. Park has over ten years of research and clinical experience. She investigates how risky behavior, particularly alcohol and other substance use, is formed, maintained, and resolved over the course of development by characterizing interactions between the individual and the social environment. Her research focuses on how the individual selects into certain social environments (based on their genetics, personality, and prior risky behavior) and in turn how the chosen environment influences the individual's risk behavior (by social norms, availability of substances, and experiences of positive outcomes). Dr. Park expertly applies structural equation modeling, hierarchical linear modeling, and latent mixture modeling to evaluate the interactions between the environment and the individual over time.

Education:

2009 Ph.D. Clinical Psychology, University of Missouri-Columbia

1999 M.A. Clinical Psychology, Korea University

1995 B.A. Japanese Language and Literature, Korea University

Recent Research Projects:

Interplay Between Prenatal Alcohol Exposure and Postnatal Alcohol Re-Exposure In Adolescent Mental Health Outcomes. National Institute on Alcohol Abuse and Alcoholism, PI: Park, A.

This secondary data analysis study examines how adolescent alcohol re-exposure modifies prenatal alcohol exposure effects on adolescent mental health outcomes, using the data drawn from a large, prospective, population-based birth cohort study, the Avon Longitudinal Study of Parents and Children (ALSPAC).

Gene and Environment Interaction in Risky Behavior Among Adolescents. Syracuse University Chancellor's Initiative Fund. Center for Health and Behavior at Syracuse University. PIs: Ewart, C.K., & Carey, M.P

Based on a longitudinal survey, this project examines how genotypes and social environments (peer norms, and conflicts in family, school and neighborhood) influence risky behavior over time among 10th graders in the Syracuse public school district.

Recent Scholarship:

Park, A., Sher, K.J., Todorov, A.A. and Heath, A.C., (2011). **Interaction between the DRD4 VNTR polymorphism and proximal and distal environments in alcohol dependence during emerging and young adulthood.** *Journal of Abnormal Psychology*, vol. 120(3), 585–595.

Park, A., Sher, K.J., Wood, P.K., & Krull, J.L. (2009). **Dual mechanisms underlying accentuation of risky drinking via fraternity/sorority affiliation: The role of personality, peer norms, and alcohol availability.** *Journal of Abnormal Psychology*, vol. 118(2), 241–255.



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