

Eun-Young Mun, PhD
School of Public Health
Health Behavior & Health Systems
Email: Eun-young.Mun@unthsc.edu



Area of Expertise

I am interested in the identification of developmental processes through which one's risk for alcohol problems is maintained, intensified, or ameliorated throughout the life span using longitudinal, experimental, and intervention data. In recent years, I have focused on utilizing innovative methodological approaches (e.g., item response theory analysis, multivariate meta-analysis) to alcohol intervention trials to preserve and extend their shelf life and help guide health decisions.

My current R01 project involves collaboration with a large team of independent trial developers and evaluators to systematically review and analyze all available data—study-level aggregate data and item-level participant data. This line of investigation is aimed at providing authoritative answers to questions that are best addressed by large-scale data.

Qualifications

PhD in Developmental Psychology, Michigan State University

MA in Developmental Psychology, Yonsei University

BA in Psychology, Yonsei University

Recent Publications

A tutorial on individual participant data meta-analysis using Bayesian multilevel modeling to estimate alcohol intervention effects across heterogeneous studies

Huh, D., Mun, E-Y., Walters, S. T., Zhou, Z. & Atkins, D. C., 1 Jul 2019, In : Addictive Behaviors. 94, p. 162-170 9 p.

What happens to agreement over time? A longitudinal study of self-reported substance use compared to saliva toxicological testing among subsidized housing residents

Rendon, A., Mun, E-Y., Spence-Almaquer, E. E. & Walters, S. T., 1 Jun 2019, In : Journal of Substance Abuse Treatment. 101, p. 12-17 6 p.

Multivariate higher-order IRT model and MCMC algorithm for linking individual participant data from multiple studies

Mun, E-Y., Huo, Y., White, H. R., Suzuki, S. & de la Torre, J., 1 Jan 2019, In : Frontiers in Psychology. 10, JUN, 328.

Integrative data analysis from a unifying research synthesis perspective

Mun, E-Y. & Ray, A. E., 18 Jan 2018, *Alcohol Use Disorders: A Developmental Science Approach to Etiology*. Oxford University Press, p. 351-354 4 p.

Do drinking motives distinguish extreme drinking college students from their peers?

White, H. R., Anderson, K. G., Ray, A. E. & Mun, E-Y., 1 Sep 2016, In : Addictive Behaviors. 60, p. 213-218 6 p.

The association between protective behavioral strategies and alcohol-related problems: An examination of race and gender differences among college drinkers

Clarke, N., Kim, S. Y., Ray, A. E., White, H. R., Jiao, Y. & Mun, E-Y., 2 Jan 2016, In : Journal of Ethnicity in Substance Abuse. 15, 1, p. 25-45 21 p.

Is Motivational Interviewing Effective at Reducing Alcohol Misuse in Young Adults? A Critical Review of Foxcroft et al. (2014)

Mun, E-Y., Atkins, D. C. & Walters, S. T., 1 Dec 2015, In : Psychology of Addictive Behaviors. 29, 4, p. 836-846 11 p.

A Hierarchical Multi-Unidimensional IRT Approach for Analyzing Sparse, Multi-Group Data for Integrative Data Analysis

Huo, Y., de la Torre, J., Mun, E-Y., Kim, S. Y., Ray, A. E., Jiao, Y. & White, H. R., 4 Sep 2015, In : Psychometrika. 80, 3, p. 834-855 22 p.

Are there secondary effects on marijuana use from brief alcohol interventions for college students?

White, H. R., Jiao, Y., Ray, A. E., Huh, D., Atkins, D. C., Larimer, M. E., Fromme, K., Corbin, W. R., Baer, J. S., Labrie, J. W. & Mun, E-Y., 1 May 2015, In : Journal of Studies on Alcohol and Drugs. 76, 3, p. 367-377 11 p.

Brief motivational interventions for college student drinking may not be as powerful as we think: An individual participant-level data meta-analysis

Huh, D., Mun, E-Y., Larimer, M. E., White, H. R., Ray, A. E., Rhew, I. C., Kim, S. Y., Jiao, Y. & Atkins, D. C., 1 May 2015, In : Alcoholism: Clinical and Experimental Research. 39, 5, p. 919-931 13 p.

Sponsored Projects

Development and Testing of a Just-in-Time Adaptive Smart Phone Intervention to Reduce Drinking among Homeless Adults

Walters, S. & Mun, E.

NIAAA: Alcohol Abuse and Alcoholism

15/06/18 → 31/05/20

Estimating Comparative Effectiveness of Alcohol Interventions for Young Adults

Mun, E., Suzuki, S., Walters, S. & Zhou, Z.

NIAAA: Alcohol Abuse and Alcoholism

1/01/18 → 30/04/22