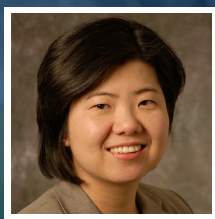# Understanding How to Combat Alcohol Misuse among Young Adults via Interventions

Eun-Young (E.Y.) Mun

Associate Professor, Center of Alcohol Studies

CURRENT RESEARCH

Beneficial strategies for all, as well as different strategies for different individuals, can be discovered using robust and efficient approaches

Alcohol is the third leading cause of preventable morbidity and mortality in the United States affecting not only those who drink alcohol but others who do not. In addition, it disproportionately affects young populations. Reflecting this wide range of impact, the economic costs of alcohol use have been estimated to exceed $200 billion per year. Dr. Mun, Associate Professor at the Center of Alcohol Studies at Rutgers University, hopes to avoid alcohol-related harm and prevent dependence among those at risk for alcohol problems, thereby saving lives and creating a healthier society. Although her research is constantly evolving, she and her team are now at a crossroads to test some of the exciting new methodologies that are well suited for large-scale intervention data from multiple sources. Therefore, within three years, Dr. Mun expects to shed light upon the comparative effectiveness of some of the most common intervention techniques for substance use counselors.

Specifically, Dr. Mun's research is aimed at reducing alcohol-related harm among college students. While large-scale multi-site intervention studies are hard to accomplish, and are in fact quite rare in the field of college alcohol intervention, she and her team are conducting the largest and most ambitious study thus far of combining all available evidence in the field. She and her team have combined data from different sources using the state-of-the-art computing techniques. In collaboration with the experts from many different disciplines housed within her team, Dr. Mun has also contributed to the development of new computing methodologies, which can then be used to innovatively examine intervention strategies. Crossing the boundaries of...

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AFFILIATION

Rutgers University

EDUCATION

- Ph.D., in Psychology, 2002 , Michigan State University

AWARDS

- Research Grant Awards (R01 AA019511 and 3R01 AA019511-02S1) from the NIAAA for the project titled, Innovative Analyses of Alcohol Intervention Trials for College Students, 2010-2016.
- Scientific Review Group, Epidemiology, Prevention, and Behavioral Research (AA-2), National Institute on Alcohol Abuse and Alcoholism (NIAAA), 2011-2015.
- Michigan State University Libraries, Computing, & Technology Award for the book entitled, Advances in Configural Frequency Analysis (with von Eye and Mair), 2010.
- Graduate Office Fellowship and Scholarship from Michigan State University, 1995, 1998, 2001.
- Sudang Scholarship from the Sudang Foundation, SAMYANG Co., Ltd., Seoul, Korea, 1989-1992.

RESEARCH AREAS

Psychology, Life Science, Neurological / Cognitive

FUNDING REQUEST

Your contributions will support the continued research of Dr. E.Y. Mun, of Rutgers University, as she aims to reduce alcohol-related harm and create successful brief substance use interventions. Donations will fund the necessary $50-60K/year required per graduate student and $70K/year for a Ph.D. level investigator. With minimal funding, you can play a role in educating future researchers while preventing dependency on alcohol and drugs.