

Title: The Impact of Traumatic Experiences, Genomics, and Neurodevelopmental Influences on Alcohol Use Disorders

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Abstract: A substantial proportion of our population are experiencing alcohol use problems and comorbid mental health issues, and individuals who have experienced trauma, and those with genomic and neurodevelopmental risk factors tend to be most susceptible. This presentation presents research that explores various pathways of risk for alcohol use disorders, including recent findings from large-scale genomic studies on alcohol use disorders and related mental health problems, experiences of traumatic stress, and neurodevelopmental influences on risk for alcohol misuse. Featuring data from the Collaborative Study on the Genetics of Alcoholism (COGA), the research in this presentation integrates these psychosocial and biological risk factors and explores them in the context of different stages of the lifespan. This presentation will also feature data demonstrating how these risk factors are impacting alcohol misuse in ongoing data collection in the COGA study throughout the COVID-19 pandemic.