

Melissa Lewis, PhD  
School of Public Health  
Health Behavior & Health Systems  
Email: Melissa.Lewis@unthsc.edu



## Area of Expertise

My research focuses on uncovering why adolescents and young adults engage in health-risk behavior and how this knowledge can be used to identify protective and risk factors as well as prevent risk. My scholarly interests focus on advancing the understanding of the dual processing nature of decisions to engage in health-risk behaviors and inform theoretically sound and efficacious alcohol use and related risky sexual behavior interventions among adolescents and young adults. Alcohol use and concomitant risky sexual behavior are public health concerns that often initiate during adolescence. For many adolescents and young adults, when they begin drinking, they do so in an extreme fashion, with frequent heavy-episodic drinking episodes. What factors place some individuals at greater risk for negative consequences than others? How can we use our knowledge of risk and protective factors in interventions to reduce harm? These are precisely the type of questions my research seeks to answer.

My research connects with my value to conduct research that has potential to make a significant impact on public health. I value research and policy that aims to expand prevention and intervention to adolescents and young adults. Our health services need to meet the needs of young adults and incorporate technology to bring preventative interventions to adolescents and young adults, with potential for significant impact on public health. My program of research has been funded by grants from the National Institute on Alcohol Abuse and Alcoholism, the Alcohol and Drug Abuse Institute, and the Alcohol Beverage Medical Research Foundation.

## Qualifications

PhD in Health and Social Psychology, North Dakota State University

MS in Psychology, Montana State University

BS in Psychology, Montana State University

## Recent Publications

### **Correlates of Nonmedical Prescription Opioid Use Among U.S. Adolescents**

Barnett, T. E., Thompson, E. L., Litt, D. M. & Lewis, M. A., Nov 2019, In : American Journal of Preventive Medicine. 57, 5, p. e175-e179

### **Protective Behavioral Strategies Scale-20: Psychometric properties of a French and German version among young males in Switzerland**

Grazioli, V. S., Studer, J., Larimer, M. E., Lewis, M. A., Marmet, S., Lemoine, M., Daeppen, J. B. & Gmel, G., 1 Sep 2019, In : International Journal of Methods in Psychiatric Research. 28, 3, e1777.

### **Evaluating Personalized Feedback Intervention Framing with a Randomized Controlled Trial to Reduce Young Adult Alcohol-Related Sexual Risk Taking**

Lewis, M. A., Rhew, I. C., Fairlie, A. M., Swanson, A., Anderson, J. & Kaysen, D., 15 Apr 2019, In : Prevention Science. 20, 3, p. 310-320 11 p.

### **Personalized normative feedback for heavy drinking: An application of deviance regulation theory**

Neighbors, C., DiBello, A. M., Young, C. M., Steers, M. L. N., Rinker, D. V., Rodriguez, L. M., Ryamond Knee, C., Blanton, H. & Lewis, M. A., Apr 2019, In : Behaviour Research and Therapy. 115, p. 73-82 10 p.

### **Alcohol-specific social comparison as a moderator of the norms-behavior association for young adult alcohol use**

Litt, D. M., Waldron, K. A., Wallace, E. C. & Lewis, M. A., 1 Mar 2019, In : Addictive Behaviors. 90, p. 92-98 7 p.

### **Doing it for the money: The relationship between gambling and money attitudes among college students**

Lostutter, T. W., Enkema, M., Schwebel, F., Cronce, J. M., Garberson, L. A., Ou, B., Lewis, M. A. & Larimer, M. E., 1 Jan 2019, In : Journal of gambling studies. 35, 1, p. 143-153 11 p.

**Growing up, hooking up, and drinking: A review of uncommitted sexual behavior and its association with alcohol use and related consequences among adolescents and young adults in the united states**

Garcia, T. A., Litt, D. M., Davis, K. C., Norris, J., Kaysen, D. & Lewis, M. A., 1 Jan 2019, In : *Frontiers in Psychology*. 10, AUG, 1872.

**Patterns of Young Adult Social Roles Transitions Across 24 Months and Subsequent Substance Use and Mental Health**

Patrick, M. E., Rhew, I. C., Duckworth, J. C., Lewis, M. A., Abdallah, D. A. & Lee, C. M., 1 Jan 2019, (Accepted/In press) In : *Journal of Youth and Adolescence*.

**Prospective Risk for Incapacitated Rape among Sexual Minority Women: Hookups and Drinking**

Jaffe, A. E., Blayney, J. A., Lewis, M. A. & Kaysen, D., 1 Jan 2019, (Accepted/In press) In : *Journal of Sex Research*.

**#drunktwitter: Examining the relations between alcohol-related Twitter content and alcohol willingness and use among underage young adults**

Litt, D. M., Lewis, M. A., Spiro, E. S., Aulck, L., Waldron, K. A., Head-Corliss, M. K. & Swanson, A., 1 Dec 2018, In : *Drug and Alcohol Dependence*. 193, p. 75-82 8 p.

## **Sponsored Projects**

**A longitudinal measurement burst study to examine the ecological validity of the prototype willingness model of hazardous young adult alcohol use.**

Lewis, M. & Litt, D.

NIAAA: Alcohol Abuse and Alcoholism

1/08/18 → 31/07/23

**Developmental Models of High-Risk Alcohol Use & Special Roles in Young Adulthood**

Lewis, M.

University of Washington

1/02/18 → 31/01/19

**Development and Pilot of a Parent Based Intervention for Reducing High-risk Social Networking Site Cognitions, Alcohol Use, and Negative Consequences Among Adolescents**

Litt, D. & Lewis, M.

NIAAA: Alcohol Abuse and Alcoholism

15/08/19 → 31/07/22

**Experimental Test of Facebook Social Drinking Norms on Adolescent Alcohol Use (R21AA024163)**

Litt, D. & Lewis, M.

NIAAA: Alcohol Abuse and Alcoholism

1/01/18 → 31/07/18

**Informing Alcohol-Related Risk Intervention with the Prototype Willingness Model**

Lewis, M. & Litt, D.

NIAAA: Alcohol Abuse and Alcoholism

1/01/18 → 30/06/19

**Refining and piloting a text messaging intervention to delay alcohol initiation and reduce alcohol use escalation among abstainer and lighter drinker college students**

Litt, D. & Lewis, M.

NIAAA: Alcohol Abuse and Alcoholism

1/09/18 → 31/08/21

**SM BASICS: Development and testing of a social media enhanced intervention**

Lewis, M.

University Of Wisconsin Madison

1/01/18 → 31/08/19