

Nicole C. Ryerson, Ph.D.

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EMPLOYMENT

Penn State Lehigh Valley, Center Valley PA
Assistant Professor of Psychology (Tenure-Track)
2019 – Present

Wilkes University, Wilkes-Barre, PA
Assistant Professor of Psychology and Behavioral Neuroscience (Tenure-Track)
2017 – 2019

EDUCATION

The University of Alabama, Tuscaloosa, AL
Ph.D. Experimental Psychology, 2017
Minor in Statistical Analyses, 2017
Advisor: Philip A. Gable, Ph.D.

The University of Alabama, Tuscaloosa, AL
M.A. Experimental Psychology, 2015
Advisor: Philip A. Gable, Ph.D.

Penn State University, Schuylkill Campus, Schuylkill Haven, PA
B.S. Psychology, 2011
Advisor: Cory Scherer, Ph.D.

PUBLICATIONS

Malik, M.*, & **Ryerson, N.** (2023). Impact of Stress on Health Behaviors Related to COVID-19 Susceptibility. *Modern Psychological Studies*, 29(1), 1-16.

Harnish, R.J., **Ryerson, N.**, & Tarka, P. (2023). Purchasing under the Influence of Alcohol: The Impact of Hazardous and Harmful Patterns of Alcohol Consumption, Impulsivity, and Compulsive Buying. *Psychological Reports*, 0, (0). DOI: 10.1177/00332941231164348.

Stone, J.A., & **Ryerson, N.** (2022). Tweeting about Alcohol: Evidence of Coping During the Early Days of the Pandemic. *Plos One*, 17(11). DOI: 10.1371/journal.pone.0276863

Ryerson, N., Wilson, O.W.A, Pena, A.*, Duffy, M., & Bopp, M. (2021). What happens when the party moves home?: The effect of the COVID-19 pandemic on U.S. college student alcohol consumption as a function of legal drinking status using longitudinal data. *Translational Behavioral Medicine*. DOI: 10.1093/tbm/ibab006

Ryerson, N. (2020). Behavioral and Psychological Correlates of Well-Being during COVID-19. *Psychological Reports*. DOI: 10.1177/0033294120978160

Ryerson, N., Neal, L.B., & Gable, P.A. (2017). Attenuating the alcohol allure: Attentional broadening reduces rapid motivational response to alcohol pictures. *Psychopharmacology*, 234(8), 1247-1254.

Glenn, A.L., Rempel, R.J., Ong, M.Y., Lim, N.S., Ang, R.P., Threadgill, A.H., **Ryerson, N.C.**, Raine, A., Fung, D., & Ooi, Y.P. (2017). Neurocognitive characteristics of youth with noncomorbid and comorbid forms of conduct disorder and attention deficit hyperactivity disorder. *Comprehensive Psychiatry*, 77, 60-70.

Mechin, N., Gable, P. A., & Hicks, J. A. (2016). Frontal asymmetry and alcohol cue reactivity: Influence of core personality systems. *Psychophysiology*. DOI: 10.1111/psyp.12659

Gable, P.A., **Mechin, N.**, & Neal, L.B. (2016). Booze cues and attentional narrowing: Neural correlates of virtual alcohol myopia. *Psychology of Addictive Behaviors*, 30(3), 377-382.

Gable, P.A., **Mechin, N.**, Hicks, J., & Adams, D. L. (2015). Supervisory control system and frontal asymmetry: Neurophysiological traits of emotion-based impulsivity. *Social Cognitive and Affective Neuroscience*, 10(10), 1310-1315.

Open Science Collaboration (2015). Estimating the reproducibility of psychological science. *Science*, 349(6251), aac4716.

MANUSCRIPTS IN REVISION

Parker, J., Musolino, L., **Ryerson, N.**, Rothenberg, J., Kaschak, M., Kistler, T., Beebe, S., Figuccio, M., & Tricarico, D. (Under Revision). Psychological distress among U.S. college students during the Covid-19 lockdown: The significance of family support.

Wilson, O.W.A., **Ryerson, N. C.**, Duffey, M., & Bopp, M. (Under Revision). The association between muscle-strengthening activity participation and alcohol consumption among United States college students.

MANUSCRIPTS IN PREPARATION

Ryerson, N., & Stone, J.A. (Under Review). Changes in Alcohol-Related Twitter Chatter Due to the COVID-19 Pandemic

Ryerson, N., Siddiqui, I.*, & Saalfield, J. (In prep.). Exploring the relationship of rurality and region: An analysis of adolescent marijuana use in the united states.

Saalfield, J., Haag, B. *, & **Ryerson, N.** (In prep.). Alcohol use and perceived risk among geographically diverse 12th grade students.

Ryerson, N., Pena, A.*, Housh, B.*, & Livert, D. (In prep). Is this Real Life or is it Conspiracy?: Predictors of COVID-19 Conspiracy Theory Endorsement.

* Indicates Students Author

CONFERENCE PRESENTATIONS

Siddiqui, I.*, Cresswell, D.*, Saalfield, J., & **Ryerson, N.** (March 2023). Adolescent Marijuana Use Analysis by Rurality and Region of the United States. Poster to be presented at the 2023 Eastern Psychological Association Conference in Boston, MA.

Saalfield, J., **Ryerson, N.,** & Haag, B.* (March 2023). Alcohol Use and Perceived Risk Among Geographically Diverse 12th Grade Students. Poster to be presented at the 2023 Collaborative Perspectives on Addiction Annual Meeting hosted by Society for Addiction Psychology in Albuquerque, NM.

Ryerson, N. & Stone, J. (March 2022). Looking back at the pandemic onset: Twitter chatter reflects changes in alcohol. Poster presented at the 2022 Eastern Psychological Association Conference in New York City, NY.

Ryerson, N., Harnish, R., & Tarka, Piotr. (March 2022). Purchasing under the influence of alcohol: The impact of hazardous and harmful patterns of alcohol consumption, impulsivity, and compulsive buying. Poster presented at the 2022 Penn State Psychology Spring Division meeting.

Ryerson, N. (February 2020). "I drink to make other people more interesting": Social drinking motives enhance alcohol cue reactivity during a positive mood state. Poster presented at the 2020 Society for Personality and Social Psychology Conference in New Orleans, LA.

Ryerson, N. (February 2019). Manipulated positive mood states enhance N1 amplitudes to alcohol stimuli. Poster presented at the 2019 Society for Personality and Social Psychology Conference in Portland, OR.

Ryerson, N. (March 2018). Positive mood states enhance N1 amplitudes during alcohol consistent trials. Poster presented at the 2018 Eastern Psychological Association Conference in Philadelphia, PA.

Ryerson, N., Wilhelm, R. & Gable, P.A. (January 2017). N1 amplitudes to alcohol: Attenuated by global scope, enhanced by binge drinking experience. Poster presented at the 2017 Society for Personality and Social Psychology Conference in San Antonio, TX.

Ryerson, N., Reynolds, K., Thomas, S., & Gable, P.A. (September 2016). Binge drinking enhances N1 assessed alcohol cue reactivity. Poster presented at the 2016 Society for Psychophysiological Research Conference in Minneapolis, MN.

Mechin, N., Bouslog, A., & Gable, P.A. (September 2015). Manipulated attentional focus alters physiological responses to alcohol cues. Poster presented at the 2015 Society for Psychophysiological Research Conference in Seattle, WA.

Mechin, N., Threadgill, H., Browning, L., Hicks, J., & Gable, P. (April 2015). Impulsivity enhances left-frontal activation to alcohol cues. Poster presented at the 2015 Graduate Student Annual Psychology Symposium in Tuscaloosa, AL.

Mechin, N., Threadgill, H., Browning, L., Hicks, J., & Gable, P. (February 2015). Impulsivity enhances left-frontal activation to alcohol cues. Poster presented at the 2015 Society for Personality and Social Psychology Conference in Long Beach, CA.

Mechin, N., Threadgill, H., Hicks, J., & Gable, P. (September 2014). Impulsivity enhances left-frontal activation to alcohol cues. Poster presented at the 2014 Society for Psychophysiological Research Conference in Atlanta, GA.

Mechin, N., Holland, M., Hicks, J., & Gable, P. (September 2014). Approach motivation causes “virtual” alcohol myopia: Trait approach and greater left-frontal activation predict attentional narrowing. Poster presented at the 2014 Society for Psychophysiological Research Conference in Atlanta, GA.

Mechin, N. & Gable, P. (February 2014). Approach-motivation enhances the sustained late positive potential. Poster presented at the 2014 Society for Personality and Social Psychology Conference in Austin, TX.

PUBLISHED ABSTRACTS

Mechin, N., Bouslog, A., & Gable, P.A. (2015). Manipulated attentional focus alters physiological responses to alcohol cues. *Psychophysiology*, 52(S1), S58.

Mechin, N., Threadgill, H., Hicks, J., & Gable, P. (2014). Impulsivity enhances left-frontal activation to alcohol cues. *Psychophysiology*, 51(S1), S31.

Mechin, N., Holland, M., Hicks, J., & Gable, P. (2014). Approach motivation causes “virtual” alcohol myopia: Trait approach and greater left-frontal activation predict attentional narrowing. *Psychophysiology*, 51(S1), S31.

ORAL PRESENTATIONS

Ryerson, N. (June 2020). Impact of COVID-19 on Academic and Psychological Well-being. Invited presentation to campus leadership group at Penn State Lehigh Valley.

Ryerson, N. (April 2019). Booze Cues; The Neural, Motivation, and Attentional Underpinnings of Alcohol Cue Reactivity. Invited guest lecturer at Penn State Schuylkill Haven, Schuylkill Haven, PA.

Ryerson, N. (January 2018). Neural Alcohol Cue Reactivity: Understanding the Influence of Attention, Motivation, and Drinking Habits. Invited guest lecturer for the Faculty Invitational Series at Penn State Lehigh Valley, Center Valley, PA.

Ryerson, N. (November 2016). The Neural, Affective, and Motivational Processes Related to Substance Use and Risk Related Behaviors. Presentation for Contemporary Issues in Social Psychology at The University of Alabama, Tuscaloosa, AL.

Mechin, N. & Gable, P.A. (October 2015). Effects of Brain Stimulation on Appetitive Responses to Alcohol Cues. Presentation for Contemporary Issues in Social Psychology at The University of Alabama, Tuscaloosa, AL.

Mechin, N. & Gable, P.A. (February 2015). Bi-directional Effect of Alcohol-Cue Exposure and Attentional Narrowing. Presentation for Contemporary Issues in Social Psychology at The University of Alabama, Tuscaloosa, AL.

Mechin, N. & Gable, P.A. (September 2014). Alcohol, Impulsivity, and Approach Motivation. Presentation for Contemporary Issues in Social Psychology at The University of Alabama, Tuscaloosa, AL.

Mechin, N. & Gable, P.A. (April 2013). Positive Approach Motivation and Impulsivity. Presentation for Contemporary Issues in Social Psychology at The University of Alabama, Tuscaloosa, AL.

RESEARCH MENTORSHIP FOR UNDERGRADUATE PROJECTS

Spring 2021

Student: Mahnoor Malik; **Title of Project:** Impact of Stress on Behaviors Related to COVID-19 and General Health Risks

Awards: 1st place winner in the Arts, Humanities, Business, and Social and Behavioral Sciences category at the 2021 Penn State Lehigh Valley Undergraduate Research Symposium; 2nd place in the Excellence in Information Literacy category

Student: Alejandra Pena; **Title of Project:** What happens when we believe the conspiracies? The relationship between endorsing conspiracy theories and attitudes towards COVID-19

Awards: 2nd place winner in the Arts, Humanities, Business, and Social and Behavioral Sciences category at the 2021 Penn State Lehigh Valley Undergraduate Research Symposium

Students: Christopher Fiegel & Riley Koch; **Title of Project:** The Relationship between Narcissism, Alcohol use, and Neurophysiological Responses to Alcohol Cues

Award: 3rd place winner in the Arts, Humanities, Business, and Social and Behavioral Sciences category at the 2021 Penn State Lehigh Valley Undergraduate Research Symposium; 3rd place in the Excellence in Information Literacy category

Fall 2020

Students: Christopher Fiegel & Riley Koch; **Title of Project:** The Relationship between Narcissism, Alcohol use, and Neurophysiological Responses to Alcohol Cues

Student: Alejandra Pena; **Title of Project:** What happens when the party moves home?: The effect of the COVID-19 pandemic on U.S. college student alcohol consumption as a function of legal drinking status using longitudinal data. **student contributed to manuscript*

Spring 2016

Student: Allison Bouslog; **Title of Project:** Influence of Direct Current Stimulation on Motivation and Cognition

Spring 2015

Student: Giuliano Godorecci; **Title of Project:** Asymmetrical Hemisphere Activation Pertaining to Local-Global Processing and Categorization

Spring 2014

Student: Christian Smitherman; **Title of Project:** Approach Alcohol: Trait Approach Motivation Drives Narrowing to Alcohol Cues

GRANT APPLICATIONS AND AFFILIATED EMPLOYMENT

Fall 2022

Project Title: A Community-Based Investigation of Alcohol Culture on Small, Rural Campuses

Role: Co-Primary Investigator

Funding Agency: Edna Bennett Pierce Prevention Research Center

Grant Application Date: September 2022

Grant Amount: \$1256.00

Outcome: Awarded

Grant Title: Research Accelerator and Seed Grant Proposal

Role: Primary Investigator

Funding Agency: Penn State Lehigh Valley

Grant Application Date: December 2022

Grant Amount: Course Release

Outcome: Awarded

Spring 2022

Project Title: Attainment of Electroencephalography Research Equipment Funding

Role: Primary Investigator

Funding Agency: Penn State Lehigh Valley

Grant Application Date: March 2022

Grant Amount: \$16,525.25

Outcome: Awarded

Fall 2021

Project Title: Changes in Alcohol Use Across Rural and Non-rural Communities as a Result of the COVID-19 Pandemic

Role: Co-Primary Investigator

Funding Agency: National Institutes of Health (NIH)

Grant Application Date: October 2022

Grant Amount: \$158,190.00

Outcome: Not Awarded

Spring 2021

Project Title: The Allure of Alcohol: Investigating Neurophysiological and Subjective Underpinnings of Alcohol Cue Reactivity

Role: Primary Investigator

Funding Agency: Commonwealth Campuses Research Collaboration Development Program

Grant Application Date: May 24, 2021

Grant Amount: \$10,000

Outcome: Not Awarded

Project Title: Commonwealth Campuses Research Collaboration Development Program

Role: Primary Investigator

Funding Agency: Charles E. Kaufman Foundation

Grant Application Date: March 12, 2021

Grant Amount: \$98,417

Outcome: Not Awarded

Fall 2020

Project Title: Coping with a Pandemic: Expressions of Mental Health through Twitter

Role: Co-Primary Investigator

Funding Agency: Center for Social Data Analytics (C-SoDA) Accelerator Award Program

Grant Application Date: November 20th, 2020

Grant Amount: \$17,525

Outcome: Not Awarded

May 2016 – August 2016

Project Coordinator - Big Heart Pet Brand Canine Study

Research investigating pet owner perceptions of pet products

Responsible for recruitment, scheduling, and pre-screening of community sample participants

Production and maintenance of participant records and relevant paperwork

September 2014 – February 2015

Researcher – Open Science Collaboration Project: Replicability

Research replicating previously published study

Responsible for collection of materials from original experimenters

Production and maintenance of participant records and relevant paperwork
Analysis of data and production of research report

May 2014 – August 2014

Project Coordinator - Big Heart Pet Brand Feline Study

Research investigating pet owner perceptions of pet products

Responsible for recruitment, scheduling, and pre-screening of community sample participants

Monitoring of IRB compliance

Production and maintenance of participant records and relevant paperwork

UNIVERSITY SERVICE

Administrative Award Committee – Penn State

Fall 2022

Developmental Psychology Full Time Tenure Track Job Search Committee – Penn State
New Kensington Campus

2021 – 2022 Academic Year

CAMPUS SERVICE

Committee Member of the Penn State Lehigh Valley Undergraduate Research Committee

2022 – Current

Faculty Mentor to Penn State Lehigh Valley Psychology Graduate School Discussion
Group

2020 – Current

Faculty Mentor for Penn State Lehigh Valley Psychology Club

2019 – Current

Committee Member of the Penn State Lehigh Valley Undergraduate Research
Symposium Committee

2019 – 2022

Secretary to the Penn State Lehigh Valley Faculty Senate

2020 – 2022

Job Search Committee Member – Part-time administrative position

September 2021

Co-Chair of the More Rivers Committee of Penn State Lehigh Valley

2020 – 2021

AWARDS

2020 – 2021 – Penn State Lehigh Valley Adviser of the Year Award
Fall 2021 – Faculty Award for Outstanding Research and Creative Accomplishment
Spring 2020 – SPSP Family Grant Travel Award
Spring 2018 – Type II Faculty Development Committee Funding Recipient

AFFILIATIONS

Edna Bennett Pierce Prevention Research Center; Faculty Affiliate
Commonwealth Collaborative Alcohol Research Lab; PI

PROFESSIONAL MEMBERSHIPS

Eastern Psychological Association
Society for Personality and Social Psychology
American Psychological Association
Society of Addiction Psychology