

Aleks Karnick, MPH

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Education

University of Southern Mississippi, Hattiesburg, MS
Degree: PhD, Expected August 2024 (Mentor: Daniel Capron, PhD)
Major: Clinical Psychology

University of Southern Mississippi, Hattiesburg, MS
Degree: MA, August 2022 (Mentor: Daniel Capron, PhD)
Major: Clinical Psychology
Thesis: Assessing the effect of negative mood states on valence-dependent belief updating

CUNY School of Public Health, New York, NY
Degree: MPH, May 2018
Major: Health Policy and Management
Thesis: Association of Acute Alcohol Exposure and TBI Outcomes

Indiana University, Bloomington, IN
Degree: BA (Honors), August 2008
Major: Philosophy, Minor: Biology
Honors Thesis: Ethical Implications of Human Growth Hormone Therapy in Children

Publications

1. **Karnick A**, Fergerson A, Caulfield N, Buerke M, Albanese B, Schmidt NB, Capron D. (in press). Toward an integrative model of transdiagnostic risk factors and suicide: A network comparison of psychiatric outpatients. *Journal of Psychiatric Research*.
2. Fergerson A, **Karnick A**, Caulfield N, Tennity C, Capron D. (in press). The indirect effects of proximal stressors associated with posttraumatic stress symptoms severity among sexually-victimized sexual minority women: A cross-sectional path analysis. *Violence Against Women*.
3. Caulfield, N. M., **Karnick, A. T.**, Fergerson, A., Bauer, B. W., & Capron, D. W. (2022). Exploring the indirect effects of acute dissociation on capability and suicide risk: A multi-method investigation with augmented reality. *Suicide and Life-Threatening Behavior*. <https://doi.org/10.1111/sltb.12863>
4. Bauer, B. W., Hom, M. A., **Karnick, A. T.**, Charpentier, C. J., Keefer, L. A., Capron, D. W., ... Bryan, C. J. (2022). Does Hopelessness Accurately Predict How Bad You Will Feel in the Future? Initial Evidence of Affective Forecasting Errors in Individuals with Elevated Suicide Risk. *Cognitive Therapy and Research*. <https://doi.org/10.1007/s10608-021-10285-7>
5. **Karnick, A. T.**, Martin, R. L., Caulfield, N. M., Winchell, R., & Capron, D. W. (2021). Suicide and Self-Injury Outcomes for Patients with Comorbid Psychiatric and Physical Health Conditions. *Psychiatry Research*, 114345. <https://doi.org/10.1016/j.psychres.2021.114345>
6. Jacovides, C. L., **Karnick, A. T.**, Whitehorn, G. L., & Kaufman, E. J. (2021). Suicide in American cities. *Current Trauma Reports*. <https://doi.org/10.1007/s40719-021-00220-2>

7. Bauer, B. W., **Karnick, A.**, Wells, T. T., Tucker, R. P., & Capron, D. W. (2021). Altering preferences for suicide crisis resources using the decoy nudge: Evidence of context-dependent effects in suicide prevention decision making. *Journal of Consulting and Clinical Psychology, 89*(1), 11–20. <https://doi.org/10.1037/ccp0000617>
8. Caulfield, N. M., **Karnick, A. T.**, & Capron, D. W. (2021). Exploring Dissociation as a Facilitator of Suicide Risk: A Translational Investigation using Virtual Reality. *Journal of Affective Disorders.* <https://doi.org/10.1016/j.jad.2021.10.097>
9. Caulfield, N. M., Martin, R. L., Smith, N. S., **Karnick, A. T.**, Norr, A. M., & Capron, D. W. (2021). A preliminary assessment of the link between anxiety sensitivity cognitive concerns and suicidal thoughts through dissociative symptoms. *Journal of Trauma & Dissociation: The Official Journal of the International Society for the Study of Dissociation (ISSD)*, 1–13. <https://doi.org/10.1080/15299732.2021.1989112>
10. **Karnick, A.**,* Limberg, J.,* Bagautdinov, I., Stefanova, D., Aveson, V., Thiesmeyer, J., ... Fahey, T. J. (2021). Can general surgery interns accurately measure their own technical skills? Analysis of cognitive bias in surgical residents' self-assessments. *Surgery.* <https://doi.org/10.1016/j.surg.2021.04.008>. *Co-First Authors
11. **Karnick, A. T.**, Caulfield, N. M., Bauer, B. W., Martin, R. L., Kaufman, E. J., Winchell, R., & Capron, D. W. (2021). Substance use and suicide outcomes among self-injured trauma patients. *Drug and Alcohol Dependence, 226*, 108906. <https://doi.org/10.1016/j.drugalcdep.2021.108906>
12. Limberg, J.,* **Karnick, A.**,* Bagautdinov, I., Aveson, V., Stefanova, D., Symer, M. M., ... Fahey, T. J. (2020). Does variability among surgical skills diminish throughout surgical internship? Analysis of a 5-task surgical simulation assessment program starting Day 1. *Surgery, 167*(4), 704–711. <https://doi.org/10.1016/j.surg.2019.09.026>. *Co-First Authors

Posters/Presentations

1. **Karnick, A.**, Bond, A., Kaufman, A., Anestis, M., Capron, D. (2022, November). Injury characteristics and circumstances of firearm trauma: A epidemiologic assessment of suicide survivors and decedents. In **A. Karnick (Chair)**, *Firearm Injury, Prevention, and Suicidal Behavior: Developing Insights Using Public Health Data* [Symposium]. Association for Behavioral and Cognitive Therapies 56th Annual Convention, New York, USA.
2. Bond, A., **Karnick, A.**, Bandel, S., Capron, D., Anestis, M. (2022, November). Type of firearm and location of injury in firearm suicide decedents. In **A. Karnick (Chair)**, *Firearm Injury, Prevention, and Suicidal Behavior: Developing Insights Using Public Health Data* [Symposium]. Association for Behavioral and Cognitive Therapies 56th Annual Convention, New York, USA.
3. **Karnick, A.**, Bond, A., Caulfield, N., & Capron, D.W. (2022, May 20). *Geographically weighted analysis of suicide and self-injury hospital admissions in New York State*. Podium Presentation: New Jersey Gun Violence Research Center – Research Day. Virtual.
4. Buerke, M., Caulfield, N.M., **Karnick, A.T.**, & Capron, D.W. (2022, June 16-17). *Considerations for the Use of Virtual Reality for the Study of Suicidality*. Poster presentation: Suicide Research Symposium. Virtual.
5. **Karnick A.**, Bauer BW, Hom M, Charpentier C, Keefer L, Capron DW, Rudd MD, Bryan C. (2021, November). *Hopelessness does not predict future mood or symptom-severity in patients presenting with high risk for suicide: Initial evidence of affective forecasting biases in suicidal individuals*. In BW Bauer (Chair), *Behavioral economics for suicide prevention public health initiatives and clinical practice*. Symposium: Association for Behavioral and Cognitive Therapies 55th Annual Convention, New Orleans, LA, USA.
6. Bauer BW, Fagan P, **Karnick A**, Carter M, Tucker RP, Gilroy SP, Capron DW. (2021, November). *Towards evidence-based messaging: Increasing the effectiveness of nudges in public health messaging*. In B.W. Bauer (Chair), *Behavioral economics for suicide prevention public health initiatives and clinical practice*. Symposium: Association for Behavioral and Cognitive Therapies 55th Annual Convention, New Orleans, LA, USA.

7. Caulfield NM, Keenum A, Bauer BW, Fergerson AK, **Karnick AT**, Capron, D. W. (2021, November). *Examining the effects and implications of using Virtual Reality to examine suicide risk*. Poster presentation: Association for Behavioral and Cognitive Therapies, New Orleans, LA.
8. Bauer, B.W., Fagan, P., **Karnick, A.**, Bailey, A., Gilroy, S., Tucker, R., Schmidt, N.B., & Capron, D.W. (2021, October 24-27). *Personalizing nudges: Towards precision messaging in suicide prevention*. Paper presentation: International Academy of Suicide Research/American Foundation for Suicide Prevention International Summit of Suicide Research, Barcelona, Spain.
9. Bauer, B.W., Bernecker, S.L., **Karnick, A.**, Fergerson, A., Wang, S., Bryan, A., Bryan, C., Anestis, M, & Capron, D.W. (2021, October 24-27). *A cost-effectiveness model of firearm means safety interventions on military servicemember suicides*. Poster presentation: International Academy of Suicide Research/American Foundation for Suicide Prevention International Summit of Suicide Research, Barcelona, Spain.
10. Martin R, Caulfield N, **Karnick A**, Daruwala S, Schmidt B, Capron D. (2021, April). *A preliminary examination of how psychological pain and physical health problems mediate the association between hopelessness and suicidality*. 54th Annual American Association of Suicidology Conference, Orlando, FL.
11. Martin R, **Karnick A**, Caulfield N, Smith N, Ashrafioun L, Capron D. (2021, April). *Assessing the relationship between pain awareness and suicidality*. Poster presentation: 54th Annual American Association of Suicidology Conference, Orlando, FL.
12. Caulfield NM, **Karnick AT**, Fergerson AK, Bauer BW, & Capron DW. (2021, April). *Examining the Indirect Effect of Acute Dissociation on Capability and Suicide Risk*. Paper presentation: 54th Annual American Association of Suicidology Conference, Orlando, FL.
13. Caulfield NM, Fergerson AK, **Karnick AT**, Bond AE, & Capron DW. (2021, April). *Considering the Impact of Sexual Education and Consent on Sexual Assault and Suicide Risk in a College Sample*. Paper presentation: 54th Annual American Association of Suicidology Conference, Orlando, FL.
14. Caulfield NM, Martin RL, Smith NS, **Karnick A**, Capron DW. (2020, November). *Assessing Posttraumatic Stress Symptom Clusters and Suicide Risk utilizing Virtual Reality*. Poster presentation: 36th International Society for Traumatic Stress Studies Annual Meeting.
15. **Karnick A**, Karnick P, Winchell RW, Capron D. (2020, October) Race and suicidal behavior: Do minorities receive different follow-up care? Poster Presentation: APHA 2020.
16. Caulfield NM, **Karnick A**, Williams KG, McAlary JP, & Capron DW. (2020, April). Examining Anxiety Sensitivity and Suicide Risk using a Virtual Suicide Task. Poster presentation: 53rd Annual American Association of Suicidology Conference, Portland, OR.
17. Caulfield NM, Martin RL, Smith NS, **Karnick A**, & Capron DW. (2020, April). A Multi-Method Approach to Examining the Association of Trauma and Suicide Risk. Poster presentation: 53rd Annual American Association of Suicidology Conference, Portland, OR.
18. **Karnick A**, Caulfield N, Bauer B, Winchell RW, Capron D. (2020, April) Substance use and suicide mortality among self-injured trauma patients. Poster presentation: American Association of Suicidality Annual Conference. Portland, OR. [Conference Cancelled]
19. **Karnick A**, Martin R, Caulfield N, Winchell RW, Capron D. (2020, April) Assessing the association between mental health diagnosis, physical health condition, and suicide through a public health perspective. Poster presentation: American Association of Suicidality Annual Conference. Portland, OR. [Conference Cancelled]
20. Limberg J, **Karnick A**, Bagautdinov I, Stefanova D, Aveson V, Thiesmeyer JW, Fehling D, Fahey TF. (2020) Can General Surgery Interns Accurately Measure Their Own Technical Skills? Analysis of Cognitive Bias in Surgical Residents' Self-Assessments. Poster presentation: American College of Surgeons' 2020 Annual Surgical Simulation Summit. Chicago, IL.
21. **Karnick A**, Kaufman E, Winchell R, Barie P. (2019, November) Association of Acute Alcohol Exposure and TBI Outcomes: Results from the National Trauma Data Bank 2014. Poster presentation: APHA 2019. Philadelphia, PA.

22. Limberg J, **Karnick A**, Aveson V, Fahey TJ. Does Variability Among Surgical Skills Diminish Throughout Residency Training? Analysis of a 5-Task Simulation Curriculum Starting Day 1. (2019, March) Poster presentation: American College of Surgeons' 2019 Annual Surgical Simulation Summit. Chicago, IL. Won Poster of Distinction Award.
23. **Karnick A**. (March, 2019) "Challenges and Lessons in Mergers of Graduate Education Programs: A Review of the Literature." Poster presentation: 2019 ACGME Annual Education Conference. Orlando, FL.
24. Brownstone ND, Lu CM, Rosenberg J, **Karnick A**, Otterburn D. (2019, February) "The Development of an Affordable Microsurgery Model and an Assessment of Latency, Back Wall and Front Wall Suturing in Microsurgery Training." Podium Presentation: American Society for Reconstructive Microsurgery Annual Meeting. Palm Desert, CA.
25. Brownstone ND, Lu CM, Rosenberg J, **Karnick A**, Otterburn D. (2018, October) "Going for Gold': The Plastic Surgery Resident Olympics As a Model for Resident Skills Assessment and Improvement." Podium Presentation: Plastic Surgery: The Meeting 2018. Chicago, IL.
26. **Karnick A**. (2018, May) "Effect of Acute Alcohol Exposure on Mortality in Patients with Traumatic Brain Injury." Poster Presentation: The CUNY School of Public Health Graduate Student Poster Session. New York, NY.

Works-in-Progress

1. Karnick, A., Caulfield N., Buerke, M., Stanley, I., Capron, D., Vujanovic, A. (Submitted). Posttraumatic stress in first responders: Clinical and psychological implications of symptom networks.
2. **Karnick A**, Bond A, Kaufman E, Anestis M, Capron D. (Revise and Resubmit). Injury characteristics and circumstances of firearm trauma: A epidemiologic assessment of suicide survivors and decedents.
3. **Karnick, A.T.**, Bauer, B., Capron, D.W. (Under Review). Negative Mood and Optimism Bias: An experimental investigation of sadness and belief updating.
4. Caulfield, N., Bauer B., Ferguson, A.K., **Karnick, A.T.**, Capron, D.W. (Submitted). Brief Report: Examining the Safety and Feasibility of Using Virtual Reality to Assess Suicide Risk.
5. Ferguson, A.K., **Karnick, A.**, Rigney, K., & Brausch, A.M. (Under Review). Sexual victimization and suicide ideation: An atemporal serial indirect effects model.
6. Bond, A.E., **Karnick, A.T.**, Bandel, S.L., Capron, D.W., & Anestis, M.D. (Submitted). Type of firearm and location of injury in firearm suicide decedents.
7. Bauer B, Daruwala S, Smith N, **Karnick A**, Elder D, Anestis M, Capron D. (Pending Resubmission) Examining Perceptions About the Association Between Access to Firearms and Suicide Risk.

Research Support (Total: \$34,884)

AWARD # (PI: B. Bauer) PRG-0-018-20

DATES 10/21-9/23 # of calendar months: 24

FUNDER: American Foundation for Suicide Prevention

AWARD AMOUNT: \$29,384

PROJECT NAME: Personalizing Nudges: Towards Precision Messaging for Suicide Prevention

PROJECT DESCRIPTION: This study examines the effectiveness of personalized behavioral "nudges" to encourage engagement with suicide prevention resources using data segmentation for precision targeting.

ROLE: Co-Principal Investigator

AWARD # (PI: A. Karnick)

DATES 7/21-6/22 # of calendar months: 12

FUNDER: New Jersey Gun Violence Research Center

AWARD AMOUNT: \$5,500

PROJECT NAME: Geographically weighted analysis of suicide and self-injury trauma admissions in New York State

PROJECT DESCRIPTION: This study uses hospital registry data to geographically map and monitor suicidal behavior across multiple regions, while assessing the relationships between geographic and demographic factors with suicide.

ROLE: Principal Investigator

Submitted Research Support (Pending)

AWARD # (PI: A. Karnick) 1F31MH130053-01A1

DATES 7/22-6/24 # of calendar months: 24

FUNDER: National Institute of Mental Health

AWARD AMOUNT: \$71,116

IMPACT SCORE: 28

PERCENTILE: 22

PROJECT NAME: Linking neural mechanisms of emotion and attention with naturalistic trauma symptom experience: An event-related potential and ecological momentary assessment study

PROJECT DESCRIPTION: This study integrates electrophysiological assessment of neural mechanisms of emotion regulation and attention using idiographic stimuli with ecological momentary assessments of post-traumatic stress symptoms.

ROLE: Principal Investigator

Research Experience

Anxiety and Trauma Research Program (ATRP), University of Southern Mississippi, Hattiesburg, MS

Graduate Assistant, 2019 - present

Mentor: Daniel Capron, PhD

Project ACCESS

Funder: Behavioral Health Workforce Education and Training for Professionals

University of Southern Mississippi, Hattiesburg, MS

Student Clinician, 2022-2023

Mobile Interpretation Bias Modification Clinical Trial

Funder: Military Suicide Research Consortium (\$669,442)

University of Southern Mississippi, Hattiesburg, MS

Lead Clinician and Recruitment Coordinator, 2020-2022

Behavioral Economics Intervention to Increase Treatment Seeking in the National Guard

Funder: Military Suicide Research Consortium (\$780,378)

University of Southern Mississippi, Hattiesburg, MS

Student Clinician, 2019-2020

Skills Acquisition and Innovation Laboratory (SAIL), Weill Cornell Medicine, New York, NY

Lead Investigator, Cognitive Bias in Technical Skills Self-Assessment in Surgical Residents, 2016-2019

Mentor: Thomas J. Fahey, III, MD, FACS

Awards and Distinctions

USM Clinical Psychology Research Excellence Award (\$250), 2022

USM School of Psychology Outstanding Graduate Student Research Award, 2022

USM Graduate Student Hall of Fame, 2022

MSRC Pre-Conference Training Grant (\$1,000), 2020

Dean's Merit Award for Research, CUNY School of Public Health (\$500), 2018

Phi Eta Sigma Honors Society, 2005-2008
National Society of Collegiate Scholars, 2005-2008
Hutton Honors College, Indiana University, 2005-2008
Dean's List, Indiana University, 2005
Friese Scholarship for Academic Achievement, Indiana University, 2005-2008
National Honors Society, 2005
AP Scholar with Distinction, 2005

Clinical Experience

Student Clinician, Project ACCESS (Forrest County Juvenile Detention Center), 2022-present
Graduate Clinician, University of Southern Mississippi Behavioral Health Clinic, 2020-present
Lead Clinician, Mobile-Interpretation Bias Modification (M-IBM) Research Program, 2020-2022
Group Leader, Dialectical Behavioral Therapy (DBT) Group, 2021-present
Group Leader, Southern Pines Compassion Fatigue Group, 2021
Graduate Clinician, Behavioral Economics Assist Seeking Treatment (BEAST) Program, 2019-2020

Service

Out of the Darkness Walk Coordinator, University of Southern Mississippi, 2020-2021
CTC Representative, Department of Psychology, University of Southern Mississippi, 2020-2021
Clinical Psychology Graduate Student Organization, Member/Volunteer, 2019-present

Ad Hoc Reviews

Psychological Medicine, Psychiatry Research, Drug and Alcohol Dependence, Journal of Psychiatric Research
American Association of Suicidality Annual Meeting, American Public Health Association Annual Meeting
Co-Reviews with Dr. Daniel Capron: Cognitive Behavior Therapy, Behavior Research and Therapy, Suicide and Life-Threatening Behavior

Professional Societies

American Public Health Association, Member
Society for a Science of Clinical Psychology, Member
Association of Psychological Science, Member
American Psychological Association, Member

Teaching

Introduction to Network Analysis, SCORS Lab, University of Southern Mississippi, November 2021
Introduction to Network Analysis, ATRP Lab, University of Southern Mississippi, October 2021
R Didactic, SEDL Lab, Rutgers University, January 2021
R Didactic, ATRP Lab, University of Southern Mississippi, September 2020

Additional Training/Certifications

IPSRT Training, 3-C Institute for Social Development, October 2021
Telepsychology Best Practices, APA, 1 Day Online Course, May 2020
Child Trauma, Race, and Urban Identity, National Child Traumatic Stress Network, July 2020
Motivational Interviewing for Means Safety, Dr. Craig Bryan, 2 Day In-Person Course, August 2019

Relevant Professional Positions

Senior Education Program Specialist, Weill Cornell Medicine, New York, NY, 2013-2019