

Carter Funkhouser

Education

- 2017–present **University of Illinois at Chicago**
 M.A., Clinical Psychology (2018)
 Ph.D., Psychology (in progress)
Advisor: Dr. Stewart Shankman
- 2011–2015 **Connecticut College**
 B.A., Psychology (Minor: Applied Statistics)
 Magna Cum Laude
Honors thesis advisor: Dr. Audrey Zakriski

Funding

- 2020–2022 Ruth L. Kirschstein National Research Service Award
 NIMH F31MH123042
 Role: PI
 Amount awarded: \$83,176
- 2019–2020 Training in the Neuroscience of Mental Health
 NIMH T32MH067631 (PI: Rasenick)
 Role: Trainee
 Amount awarded: \$24,816

Publications (*equal contribution)

1. **Funkhouser, C. J.**, Kaiser, A. J. E., Alqueza, K. L., Carrillo, V. L., Hoffman, L. M. K., Nabb, C. B., Auerbach, R. P., & Shankman, S. A. (in press). Depression risk factors and affect dynamics: An experience sampling study. *Journal of Psychiatric Research*. <https://doi.org/10.1016/j.jpsychires.2021.01.007>
2. Crane, N. A., **Funkhouser, C. J.**, Burkhouse, K. L., Klumpp, H., Phan, K. L., & Shankman, S. A. (2021). Occasional cannabis users demonstrate enhanced neural reactivity to reward: An event-related potential and time-frequency EEG study. *Addictive Behaviors*, 113, 106669. <https://doi.org/10.1016/j.addbeh.2020.106669>
3. **Funkhouser, C. J.**, Chacko, A. A., Correa, K. A., Kaiser, A. J. E., & Shankman, S. A. (2021). Unique longitudinal relationships between symptoms of psychopathology in youth: A cross-lagged panel network analysis in the ABCD study. *Journal of Child Psychology and Psychiatry*, 62, 2, 184–194. <https://doi.org/10.1111/jcpp.13256>

4. Kaiser, A. J. E., **Funkhouser, C. J.**, Mittal, V., Walther, S., & Shankman, S. A. (2020). Test-retest & familial concordance of MDD symptoms. *Psychiatry Research*, 292, 113313. <https://doi.org/10.1016/j.psychres.2020.113313>
5. Lieberman, L., **Funkhouser, C. J.**, Gorka, S. M., Liu, H., Correa, K. A., Berenz, E. C., Phan, K. L., & Shankman, S. A. (2020). The relation between posttraumatic stress symptom severity and startle potentiation to predictable and unpredictable threat. *Journal of Nervous and Mental Disease*, 208(5), 397–402. <https://doi.org/10.1097/NMD.0000000000001138>
6. **Funkhouser, C. J.**, Correa, K. A., Gorka, S. M., Nelson, B. D., Phan, K. L., & Shankman, S. A. (2020). The replicability and generalizability of internalizing symptom networks across five samples. *Journal of Abnormal Psychology*, 129(2), 191–203. <https://doi.org/10.1037/abn0000496>
7. **Funkhouser, C. J.**, Auerbach, R. P., Kujawa, A., Morelli, S. A., Phan, K. L., & Shankman, S. A. (2019). Social feedback valence differentially modulates the reward positivity, P300, and late positive potential. *Journal of Psychophysiology*. <https://doi.org/10.1027/0269-8803/a000253>
8. **Funkhouser, C. J.**, Correa, K. A., Carrillo, V. L., Klemballa, D. M., & Shankman, S. A. (2019). The time course of responding to aversiveness in females with a history of non-suicidal self-injury. *International Journal of Psychophysiology*, 141, 1–8. <https://doi.org/10.1016/j.ijpsycho.2019.04.008>
9. Stevens, E. S., Lieberman, L., **Funkhouser, C. J.**, Correa, K. A. & Shankman, S. A. (2019). Startle during threat longitudinally predicts functional impairment independent of DSM diagnoses. *Psychiatry Research*, 279, 207–215. <https://doi.org/10.1016/j.psychres.2019.02.072>
10. Shankman, S. A., **Funkhouser, C. J.**, Klein, D. N., Davila, J., Lerner, D., & Hee, D. E. (2018). Reliability and validity of severity dimensions of psychopathology assessed using the Structured Clinical Interview for DSM-5 (SCID). *International Journal of Methods in Psychiatric Research*, 27(1), e1590. <https://doi.org/10.1002/mpr.1590>
11. Lieberman, L., Stevens, E. S., **Funkhouser, C. J.**, Weinberg, A., Sarapas, C., Huggins, A. A., & Shankman, S. A. (2017). How many blinks are necessary for a reliable startle response? A test using the NPU-threat task. *International Journal of Psychophysiology*, 114, 24–30. <https://doi.org/10.1016/j.ijpsycho.2017.01.012>
12. Lieberman, L., Gorka, S. M., **Funkhouser, C. J.**, Shankman, S. A., & Phan, K. L. (2017). Impact of posttraumatic stress symptom dimensions on psychophysiological reactivity to threat and reward. *Journal of Psychiatric Research*, 92, 55–63. <https://doi.org/10.1016/j.jpsychires.2017.04.002>

13. **Funkhouser, C. J.**, Zakriski, A. L., & Spoltore, J. D. (2017). Evaluating peer-peer depression outreach: College students helping peers approach and respond to students in crisis. *Psi Chi Journal of Psychological Research*, 22(1), 19–28.
<https://doi.org/10.24839/2325-7342.JN22.1.19>

Submitted Manuscripts (*equal contribution)

1. **Funkhouser, C. J.**, Correa, K. A., Letkiewicz, A. M., Cozza, E., Estabrook, R., & Shankman, S. A. (under review). Evaluating the criterion validity of hierarchical psychopathology dimensions across models: Familial aggregation and associations with Research Domain Criteria (RDoC) (sub)constructs.
2. Ashaie, S.*, Hung, J.*, **Funkhouser, C. J.**, Shankman, S. A., & Cherney, L. (under review). Depression in persons with stroke over time: A network analysis approach.
3. Liu, H., **Funkhouser, C. J.**, Langenecker, S. A., & Shankman, S. A. (under review). Set shifting and inhibition deficits as potential endophenotypes for depression.
4. Shenberger, E. R., **Funkhouser, C. J.**, Boley, R., Zalta, A. K., & Shankman, S. A. (under review). The impact of aversive context on early threat detection in trauma exposed individuals and associations with post-traumatic stress symptoms.
5. Correa, K. A., Carrillo, V. L., **Funkhouser, C. J.**, Shenberger, E. R., & Shankman, S. A. (under review). Ethnic differences in behavioral and physiological indicators of sensitivity to threat.
6. Letkiewicz, A. M., **Funkhouser, C. J.**, & Shankman, S. A. (in preparation). Childhood maltreatment predicts poorer executive functioning beyond symptoms of internalizing psychopathology in adulthood.

Manuscripts in Preparation (*equal contribution)

1. Stevens, L. S., **Funkhouser, C. J.**, & Shankman, S. A. (in preparation). Inhibition predicts the course of internalizing symptoms: The moderating role of familial risk.

Non-Peer Reviewed Publications

1. Shankman, S. A., & **Funkhouser, C. J.** (2017). Socioeconomic Status. In A. E. Wenzel (Ed.), *The SAGE Encyclopedia of Abnormal and Clinical Psychology* (pp. 3254-3255). Thousand Oaks, CA: SAGE Publications.
2. **Funkhouser, C. J.**, & Siegel-Wallace, S. (2015). Perceptions and prevalence of nonmedical stimulant use among college students. *Connecticut College Psychology Journal*.

Honors and Awards

| | |
|--------------|---|
| 2017–present | Graduate Student Travel Awards Department of Psychology, University of Illinois at Chicago |
| 2020 | Keys Award for Early Outstanding Research Achievement (\$500 departmental award) |
| 2015 | Jane W. Torrey Award for the Psychological Study of Social Issues (\$200 departmental award for undergraduate thesis) |
| 2015 | Magna Cum Laude |
| 2015 | Graduated with Distinction |
| 2014–2015 | Student in the Psychology Department Honors Program, Connecticut College |
| 2014 | New England Small College Athletic Conference (NESCAC) Student Athlete Award |
| 2013 | Psi Chi |
| 2011–2015 | Dean’s High Honors, Connecticut College |

Invited Addresses

“A Network Approach to Conceptualizing and Modeling Psychopathology.” Columbia University (2020), New York, NY.

“Studying the Causes and Classification of Psychopathology.” *University of Illinois at Chicago* (2019), guest lecture, Chicago, IL.

“Measurement of Psychopathology.” *University of Illinois at Chicago* (2019), guest lecture, Chicago, IL.

“Using machine learning to understand processes involved in internalizing psychopathology.” Northwestern University Department of Psychiatry (2018), invited colloquia, Chicago, IL.

“Reliability and Validity in Psychopathology Assessment.” *University of Illinois at Chicago* (2018), guest lecture, Chicago, IL.

“Research Domain Criteria.” *University of Illinois at Chicago* (2018), guest lecture, Chicago, IL.

“Evaluating peer-peer depression outreach: College students helping peers approach and respond to students in crisis.” *New England Psychological Association* (2016), Worcester, MA.

“An outcome evaluation of a peer-based suicide prevention program for college students.” *Connecticut College Psychology Department Conference* (2015), New London, CT.

Conference Poster Presentations

1. Crane, N. A., **Funkhouser, C. J.**, Burkhouse, K. L., Klumpp, H., Phan, K. L., & Shankman, S. A. (December, 2020). *Cannabis Users Demonstrate Enhanced Neural Reactivity to Reward: An Event-Related Potential and Time-Frequency EEG*

Study. Poster to be presented at the 59th annual meeting of the American College of Neuropsychopharmacology, Virtual Meeting.

2. **Funkhouser, C. J.**, Kaiser, A. J. E., Carrillo, V. L., Hoffman, L., Alqueza, K. L., Auerbach, R. P., & Shankman, S. A. (May, 2020). *Depression risk factors and affective dynamics: An experience sampling study*. Poster accepted at the 32nd annual meeting of the Association for Psychological Science, Chicago, IL (conference canceled due to COVID-19).
3. **Funkhouser, C. J.**, Chacko, A. C., Correa, K. A., & Shankman, S. A. (September, 2019). *Unique longitudinal associations between symptoms of psychopathology in youth: A cross-lagged panel network analysis in the ABCD study*. Poster presented at the 33rd annual meeting of the Society for Research in Psychopathology, Buffalo, NY.
4. Kaiser, A., Correa, K. A., **Funkhouser, C. J.**, Shenberger, E. R., & Shankman, S. A. (September, 2019). *The association between frontal EEG asymmetry during reward anticipation and familial risk for specific depressive symptoms*. Poster presented at the 33rd annual meeting of the Society for Research in Psychopathology, Buffalo, NY.
5. Shenberger, E. R., Kaiser, A. J. E., Correa, K. A., **Funkhouser, C. J.**, & Shankman, S. A. (September, 2019). *Exploring the relationship between maladaptive personality traits, sibling relationship quality, and depression severity: An actor-partner interdependence model*. Poster presented at the 33rd annual meeting of the Society for Research in Psychopathology, Buffalo, NY.
6. Correa, K. A., **Funkhouser, C. J.**, Carrillo, V. L., Kaiser, A., & Shankman, S. A. (September, 2019). *Racial and ethnic differences in treatment seeking individuals*. Poster presented at the 33rd annual meeting of the Society for Research in Psychopathology, Buffalo, NY.
7. Shenberger, E. R., **Funkhouser, C. J.**, Meissel, E. E., & Shankman, S. A. (May, 2019). *Do the four PTSD symptom clusters have differential associations with attentional biases to threat?* Poster presented at the 74th annual meeting of the Society of Biological Psychiatry, Chicago, IL.
8. Chacko, A. C., **Funkhouser, C. J.**, Maki, P., & Shankman, S. A. (April, 2019). *The moderating effect of sex on startle response to threat in those with and without Social Anxiety Disorder*. Poster presented at the University of Illinois at Chicago Impact and Research Day, Chicago, IL.
9. **Funkhouser, C. J.**, Gorka, S. M., Nelson, B. D., Phan, K. L., & Shankman, S. A. (March, 2019). *The replicability and generalizability of internalizing symptom networks across five samples*. Poster presented at the 39th annual meeting of the Anxiety and Depression Association of America, Chicago, IL.

10. Klemballa, D. M., Correa, K. A., **Funkhouser, C. J.**, & Shankman, S. A. (March, 2019). *Associations between contextual threat and respiratory sinus arrhythmia*. Poster presented at the 39th annual meeting of the Anxiety and Depression Association of America, Chicago, IL.
11. Kaiser, A., **Funkhouser, C. J.**, & Shankman, S. A. (March, 2019). *The test-retest reliability and familialness of aggregated vs. unaggregated depression symptoms*. Poster presented at the 39th annual meeting of the Anxiety and Depression Association of America, Chicago, IL.
12. **Funkhouser, C. J.**, Leow, A., Kinney, K. L., Correa, K. A., & Shankman, S. A. (September, 2018). *Toward a data-driven nosology of internalizing psychopathology: Identifying and validating clusters of negative valence constructs using machine learning*. Poster presented at the 32nd annual meeting of the Society for Research in Psychopathology, Indianapolis, IN.
13. Correa, K. A., Stevens, E. S., **Funkhouser, C. J.**, & Shankman, S. A. (September, 2018). *A longitudinal study examining the incremental predictive validity of intolerance of uncertainty*. Poster presented at the 32nd annual meeting of the Society for Research in Psychopathology, Indianapolis, IN.
14. Klemballa, D. M., **Funkhouser, C. J.**, & Shankman, S. A. (September, 2018). *Respiratory sinus arrhythmia as a familial vulnerability factor for internalizing and externalizing psychopathology*. Poster presented at the 32nd annual meeting of the Society for Research in Psychopathology, Indianapolis, IN.
15. Nannini, S. R., **Funkhouser, C. J.**, Meissel, E. E., & Shankman, S. A. (April, 2018). *Borderline Personality Disorder and the PID-5 predicting current suicidality*. Poster presented at the 90th annual meeting of the Midwestern Psychological Association, Chicago, IL.
16. **Funkhouser, C. J.**, Carrillo, V. L., Correa, K. A., & Shankman, S. A. (October, 2017). *Physiological habituation to aversiveness and non-suicidal self-injury: A test of acquired capability for suicide*. Poster presented at the 57th annual meeting of the Society for Psychophysiological Research, Vienna, Austria.
17. **Funkhouser, C. J.**, Meissel, E. E., Kujawa, A., & Shankman, S. A. (April, 2017). *The association between negative cognitive style and neural reactivity to social acceptance vs. rejection*. Poster presented at the 37th annual meeting of the Anxiety and Depression Association of America, San Francisco, CA.
18. **Funkhouser, C. J.**, Lieberman, L., & Shankman, S. A. (September, 2016). *The association between neural responses to errors and family history of OCD*. Poster presented at the 30th annual meeting of the Society for Research in Psychopathology, Baltimore, MD.

19. Liu, H., **Funkhouser, C. J.**, Sarapas, C., & Shankman, S. A. (September, 2016). *Reliability of two measures of attention to emotional stimuli*. Poster presented at the 30th annual meeting of the Society for Research in Psychopathology, Baltimore, MD.
20. Meissel, E. E., **Funkhouser, C. J.**, Liu, H., & Shankman, S. A. (September, 2016). *Investigating the reliability of different measures from the dot-probe task and using personal and family history of social anxiety disorder as validators*. Poster presented at the 30th annual meeting of the Society for Research in Psychopathology, Baltimore, MD.
21. Jabbar, S., & **Funkhouser, C. J.** (April, 2016). *The relationship between birth order and risk-taking*. Poster presented at the UIC GPPA Medicine Capstone Forum, Chicago, IL.
22. **Funkhouser, C. J.**, Liu, H., Hee, D., & Shankman, S. A. (October, 2015). *Does reward learning predict changes in depression?: A preliminary study*. Poster presented at the 29th annual meeting of the Society for Research in Psychopathology, New Orleans, LA.

Clinical Experience

- | | |
|-----------|--|
| 2020 | Obsessive-Compulsive and Related Disorders Clinic University of Chicago <ul style="list-style-type: none"> • Provide empirically-supported psychotherapy |
| 2017–2020 | Office of Applied Psychological Services University of Illinois at Chicago <ul style="list-style-type: none"> • Provided empirically-supported psychotherapy (15 clients seen) • Conducted 16 diagnostic intake assessments • Mentored junior students completing diagnostic intakes • Administered neuropsychological assessments and interpret, document, and communicated the results of assessments to clients, supervisors, and colleagues (6 cases completed) |
| 2019 | Women’s Mental Health Research Program Department of Psychiatry, University of Illinois at Chicago <ul style="list-style-type: none"> • Worked as a paid Graduate Research Assistant supervising graduate students learning to administer the SCID |
| 2015–2018 | Chicago Lab of Emotion and Physiology University of Illinois at Chicago <ul style="list-style-type: none"> • Conducted 75 SCIDs and 105 Longitudinal Interval Follow-Up interviews with adults with various psychopathologies |

Editorial Experience

Ad Hoc Reviewer (With Stewart Shankman): Journal of Abnormal Psychology, Psychotherapy, Clinical Psychological Science

Teaching Experience

- 2018–2019 Teaching Assistant, University of Illinois at Chicago
- PSCH 333 Laboratory in Clinical Psychology (Fall 2018, Spring 2019, Fall 2019)

Senior Thesis Advisees

- 2015–2016 Saadiya Jabbar
 Title: The relationship between birth order and risk-taking
 Subsequent position: Medical student, University of Illinois at Chicago
- 2017–2018 Sierra Nannini
 Title: Borderline personality disorder and the PID-5 as risk factors for suicide
 Subsequent position: Research assistant, University of Pittsburgh
- 2018–2019 Anjali Chacko
 Title: The moderating effect of sex on startle response to threat in those with and without social anxiety disorder
 Subsequent position: Medical student, Eastern Virginia Medical School

Professional Memberships

Society for a Science of Clinical Psychology
 Society for Research in Psychopathology
 Anxiety and Depression Association of America
 Society for Psychophysiological Research
 Association for Behavioral and Cognitive Therapies