

## Daniel E. Bradford

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### ACADEMIC APPOINTMENTS

- 1/2020-Current    Assistant Professor, Department of Psychology, University of Miami (UM)
- 8/2019-12/2020   Postdoctoral Research Fellow, Anxiety and Traumatic Stress Disorders Laboratory, Center for Depression, Anxiety and Stress Research, McLean Hospital
- 8/2019-12/2020   Research Fellow in Psychology, Department of Psychiatry, Harvard Medical School
- 7/2019            Clinical Fellow in Psychology, Behavioral Health Partial Hospital Program, McLean Hospital / Department of Psychiatry, Harvard Medical School

### EDUCATION

- 2019            Ph.D., Clinical Psychology, University of Wisconsin (UW) Madison
- 2019            Clinical Psychology Internship, McLean Hospital / Harvard Medical School
- 2010            M.S., Clinical Psychology, UW Madison
- 2009            National Institute of Health (NIH) post-baccalaureate research fellow
- 2007            B.A., Honors College, Psychology, Auburn University (AU)

### MANUSCRIPTS (under review and in preparation)

**Bradford, D.E.**, Shireman, J. M., Sant'Ana, S.J., Fronk, G.E., Schneck, S.E., Curtin, J.J. (under review). Drinking with the devil you don't know and the one you can't control: Alcohol's effects during uncertain and uncontrollable stressors in the laboratory.

Morriss, J., **Bradford, D.E.**, Wake, S., Tanovic, E., Kaye, J.T., Joormann, D., & MacNamara, A. (under review). Intolerance of uncertainty and physiological responses during instructed threat of shock: multi-lab investigation

**Bradford, D.E.**, Sant'Ana, S.J., Starr, M.J., & Curtin, J.J. (in prep). Alcohol increases the subjective value of uncertain rewards in a reward decision-making task: Behavioral and electrocortical correlates.

Goodman, F.R., Brown, B.A., Silva, G.M., **Bradford, D.E.**, & Tennen, H.A. (in prep). Motivational underpinnings of alcohol use in people with social anxiety disorder: A daily diary study.

### SCHOLARLY PUBLICATIONS

- 17. Rutherford, A.V., Tanovic, E., **Bradford, D.E.**, & Joormann, D. (in press). Psychophysiological correlates of anxious apprehension: Trait worry is associated with startle response to threat. *International Journal of Psychophysiology*.

16. **Bradford, D.E.**, Fronk, G.E., Sant'Ana, S.J., Magruder, K.P., Kaye, J.T., Curtin, J.J. (2018). The need for precise answers for the goals of precision medicine in alcohol dependence to succeed. *Neuropsychopharmacology*, 43, 1799–1800. doi.org/10.1038/s41386-018-0112-y
  15. Lakens D., Adolphi F.G., Albers C.J. ... **Bradford D.E.** ... Zwaan R.A. (2018). Justify your alpha. *Nature Human Behavior* (2), 168-171. doi:10.1038/s41562-018-0311-x
  14. Hur, J., Kaplan, C.M., Smith, J.S., **Bradford, D.E.**, Fox, A.S., Curtin, J.J., Shackman, A.J. (2018). Acute alcohol administration dampens threat-related activation in the central extended amygdala. *Scientific Reports*, 8, doi:10.1038/s41598-018-34987-3
  13. **Bradford, D.E.**, Motschman, C.A., Starr, M.J., Curtin, J.J. (2017). Alcohol's effects on emotionally motivated attention, defensive reactivity, and subjective anxiety during uncertain threat. *Social Cognitive and Affective Neuroscience*, 12(11), 1823–1832. doi:10.1093/scan/nsx095
  12. Moberg, C.A., **Bradford, D.E.**, Kaye, J.T., Curtin, J.J. (2017). Increased startle potentiation to unpredictable stressors in alcohol dependence: Possible stress neuroadaptation in humans. *Journal of Abnormal Psychology*, 126(4), 441-453. doi: 10.1037/abn0000265
  11. Kaye J.T., **Bradford D.E.**, Magruder K.P., Curtin J.J. (2017). Probing for neuroadaptations to unpredictable stressors in addiction: translational methods and emerging evidence. *Journal of Studies on Alcohol and Drugs*, 78 (3). 353-371. doi: 10.15288/jsad.2017.78.353
  10. Kaye J.T., **Bradford D.E.**, Curtin J.J. (2016). Psychometric properties of startle and corrugator response in NPU, Affective Picture Viewing, and Resting State Tasks. *Psychophysiology*, 53(8). 1241-1255. doi.org/10.1111/psyp.12794
  9. **Bradford, D.E.**, Curtin, J.J., Piper, M.E. (2015). Anticipation of smoking sufficiently lowers stress reactivity for nicotine deprived smokers. *Journal of Abnormal Psychology*, 124(1), 128-136. doi:10.1037/abn0000007
  8. **Bradford, D.E.**, Starr, M.J., Shackman, A.J., Curtin, J. J. (2015). Empirically-based comparisons of the reliability and validity of common quantification approaches for eyeblink startle potentiation in humans. *Psychophysiology*, 52(12), 1669-1681. doi: 10.1111/psyp.12545
  7. Green, C.S., Eichenbaum, A., Kattner, F., **Bradford, D.E.**, Gentile, D.A., Choo, H., Hsueh, V., Chen, H., Khoo, A. (2015). The role of game genres and the development of internet gaming disorder in school-aged children. *Journal of Addictive Behaviors, Therapy & Rehabilitation*. 4(3), doi:10.4172/2324-9005.1000141
  6. Eichenbaum, A., Kattner, F., **Bradford, D.E.**, Gentile, D.A., Green, C.S. (2015). Role-playing and real-time strategy games associated with greater probability of internet gaming disorder. *Cyberpsychology, Behavior, and Social Networking* 18(8), 480-485. doi:10.1089/cyber.2015.0092
  5. **Bradford, D.E.**, Kaye, J.T., Curtin, J.J. (2014). Not just noise: Individual differences in general startle reactivity predict startle reactivity to uncertain and certain threat. *Psychophysiology*, 51(5), 707-411. doi:10.1111/psyp.12193
  4. **Bradford, D.E.\***, Magruder, K.P.\*, Korhumel, R.A., Curtin, J.J. (2014). Using the threat probability task to assess anxiety and fear to uncertain and certain threat. *Journal of Visualized Experiments* (91). doi:10.3791/51905
- \*These authors contributed equally

3. Lissek, S., **Bradford, D.E.**, Alvarez, R.P., Burton, P., Espensen-Sturges, T., Reynolds, R.C., and Grillon, C. (2014). Neural substrates of classically conditioned fear-generalization in humans: A parametric fMRI study. *Social Cognitive and Affective Neuroscience*, 9(8), 1134-1142. doi:10.1093/scan/nst096
2. **Bradford, D.E.**, Shapiro, B.L., Curtin, J.J. (2013). How bad could it be? Alcohol dampens stress responses to threat of uncertain intensity. *Psychological Science*, 24(12), 2541-2549. doi:10.1177/0956797613499923
1. Lissek, S., Rabin S., McDowell D., Dvir S., **Bradford, D.E.**, Geraci, M., Pine, S., Grillon, C., (2009). Impaired discriminative fear-conditioning resulting from elevated fear-responding to learned safety cues among individuals with panic disorder. *Behaviour Research and Therapy*, 47(2), 111–118. doi: 10.1016/j.brat.2008.10.017

#### ORAL PAPER PRESENTATIONS, INVITED TALKS AND SYMPOSIA

22. **Bradford, D.E.** (2019, December). Translating animal models of drug-induced neuroadaptations to uncertain stressors in humans. Invited talk at McLean Center for Depression, Anxiety, and Stress speaker series, Belmont, MA.
21. **Bradford, D.E.** (2019, December). Open Science: The Ugly, the Good, and the Bad (in that order). Invited talk at McLean Behavioral Health Partial Clinical Research Program, Belmont, MA.
20. **Bradford, D.E.** (2019, October). Translating animal models of drug-induced neuroadaptations to uncertain stressors in humans. Invited talk at McLean Trauma Research Coalition, Belmont, MA.
19. **Bradford, D.E.** (2019, January). Translating animal models of drug-induced neuroadaptations to uncertain stressors in humans. Invited talk at University of South Florida Psychology Department, Tampa, FL.
18. **Bradford, D.E.** (2019, January). Translating animal models of drug-induced neuroadaptations to uncertain stressors in humans. Invited talk at University of Miami Psychology Department, Coral Gables, FL.
17. **Bradford, D.E.** (2018, December). Translating animal models of drug-induced neuroadaptations to uncertain stressors in humans. Invited talk at University of Pittsburgh Biological and Health Psychology program, Pittsburgh, PA.
16. **Bradford, D.E.**, Shireman, J. M., Sant'Ana, S.J., Schneck, S.E., Curtin, J.J. (2018, October). Drinking with the devil you don't know and the one you can't control: Alcohol's effects during uncertain and uncontrollable stressors in the laboratory. Paper presented at the 58<sup>th</sup> annual Society for Psychophysiological Research, Quebec City, QC.
15. Curtin, J.J., Kaye, J.T., **Bradford, D.E.**, Sant'ana, S.J., Hajcak, G, Patrick, C.J. (2018, October). The use of differences vs. residuals in individual differences research: key clarifications regarding reliability and sources of variance. Paper presented at the 58<sup>th</sup> annual Society for Psychophysiological Research, Quebec City, QC.
14. Sant'Ana, S.J., **Bradford, D.E.**, Starr, M.J., & Curtin, J.J. (2018, October). Risky or rational? Alcohol increases the subjective value of uncertain rewards in a reward decision-making task. Faces of the Future Flash Talk presented at the 58th annual meeting of the Society for Psychophysiological Research, Quebec City, QC.
13. Kaye J.T., **Bradford D.E.**, Curtin J.J. (2016, October). Psychometric properties and inter-task/measure relationships of startle and corrugator response in NPU, Affective Picture Viewing, and Resting State tasks. Paper presented at the 56th annual Society for Psychophysiological Research, Minneapolis, MN.

12. **Bradford, D.E.** (2013, October). Clinical applications of laboratory manipulations of uncertain threat. Symposium chaired at the 53rd annual meeting of the Society of Psychophysiological Research in Florence, Italy.
11. **Bradford, D.E.**, Moberg, C.A., Starr, M.J., Motschman, C.A., Korhumel, R.A., Curtin, J.J. (2013, October). Alcohol induced stressed neuroadaptation: Cross sectional evidence from startle potentiation and ERPs in healthy drinkers and abstinent alcoholics during uncertain threat. Paper presented at the 53rd annual meeting of the Society of Psychophysiological Research in Florence, Italy.
10. Curtin, J.J., Hefner, K.R., Moberg, C.A., **Bradford, D.E.** (2012, June). Selective reduction of anxiety by alcohol: Evidence from laboratory manipulations of threat uncertainty. Invited address at the annual meeting of the Research Society on Alcoholism, San Francisco, CA.
9. Curtin, J.J., Hefner, K.R., Moberg, C.A., **Bradford, D.E.** (2012, May). Selective reduction of anxiety by alcohol: Evidence from laboratory manipulations of threat uncertainty. Invited address at the annual meeting of the Association for Psychological Science, Chicago, IL.
8. Lissek, S., **Bradford, D.E.**, Alvez, R.P., Reynolds, R.C., Marrett, S., & Grillon, C. (2009, October) Neural Substrates of Conditioned Fear Generalization: An fMRI investigation. Paper presented at the annual meeting of the Society for Neuroscience, Chicago, IL.
7. Simmons, L., **Bradford, D. E.**, Brice, S. E., Martin, K., Irons, J. G. & Correia, C. J. (2007, November). A brief abstinence test for college student smokers. Paper presented at the annual meeting of the Alabama Psychological Association, Birmingham, Alabama.
6. Irons, J. G., Correia, C. J., Brice S. E., **Bradford, D. E.**, & Simmons, L. W. (2007, November). The reinforcer preference task: A novel choice procedure for assessment of incentive adequacy. Poster presented at the annual meeting of the Association for Cognitive and Behavioral Therapy, Philadelphia, PA.
5. **Bradford, D.E.** & Escobar, M. (2007, April) Latent Inhibition in Conditioned Inhibition. Paper presented at the 21st Annual National Conference for Undergraduate Research at Dominican University, San Rafael, California.
4. **Bradford, D.E.** (2007, April) Research at the undergraduate level: Effects on one student's career and mood. Invited alumni presentation at the Auburn University Undergraduate Research Forum, Auburn, Alabama.
3. Irons, J. G., **Bradford, D.E.**, Grand, J., McGrew, J., Brice, S., Simmons, L., & Correia, C. J. (2007, February). Physiological and mood effects of caffeine on healthy young adults. Paper presented at the annual meeting of the Southeastern Psychological Association, New Orleans, LA.
2. Irons, J., G. Correia, C. J., **Bradford, D.E.**, Brice, S., & Simmons, L. (2006, November). Empirical Assessment of Potential Reinforcer Preferences in College Student smokers. Paper presented at the 12th Annual Auburn University Psychology Department Graduate Research Festival, Auburn, Alabama.
1. Suits, W.T., Wilhelmsen, S., **Bradford, D.E.**, Smith, D., and Escobar, M. (2006, November). Temporally-specific excitation and inhibition. Paper presented at the 12th Annual Auburn University Psychology Department Graduate Research Festival, Auburn, Alabama.

#### POSTER PRESENTATIONS

28. **Bradford, D.E.**, Shireman, J. M., Sant'Ana, S.J., Fronk, G.E., Schneck, S.E., Curtin, J.J. (2019, April). Drinking with the devil you don't know and the one you can't control: Alcohol's effects during uncertain and

uncontrollable stressors in the laboratory. Poster presented at the 25<sup>th</sup> annual Wisconsin Symposium on Emotion, Madison, WI.

27. Sant'Ana, S.J., **Bradford, D.E.**, Starr, M.J., & Curtin, J.J. (2018, October). Risky or rational? Alcohol increases the subjective value of uncertain rewards in a reward decision-making task. Faces of the Future Flash Talk presented at the 58th annual meeting of the Society for Psychophysiological Research, Quebec City, QC.

26. Hur J, Kaplan C.M., **Bradford D.E.**, Curtin J.J., Smith J.F., Shackman A.J. (2018, April). Acute alcohol administration dampens threat-related activation in the central extended amygdala. Poster presented at the 38<sup>th</sup> annual meeting of Anxiety and Depression Association of America, Washington, DC.

25. **Bradford, D.E.**, Kittleson, S.J., Fleming, M.N., Shireman, J. M., Curtin J.J. (2017, September). Drinking with the devil you don't know and the one you can't control: Alcohol's effects during uncertain and uncontrollable stressors in the laboratory. Poster presented at the 31st annual meeting of the Society for Research in Psychopathology, Denver, CO.

24. Goodwin, M.G., Shireman, J.M., Fronk, G.E., Schneck, S.E., Kayser, A.D., **Bradford, D.E.**, Curtin J.J (2017, June). Alcohol stress response dampening occurs during unpredictable but not uncontrollable shock stressors. Poster presented at the 40th annual meeting of the Research Society on Alcoholism, Denver, CO.

23. **Bradford, D.E.**, Kaye J.T., Curtin J.J (2016, October). The relationships among multiple psychophysiological and self-report measures of negative affect indexed across multiple tasks within the same sample. Poster presented at the 56th annual Society for Psychophysiological Research, Minneapolis, MN.

22. Kaye, J.T., **Bradford, D.E.**, Curtin, J.J. (2016, May). Psychometric Properties of Psychophysiological Paradigms in the NIMH RDoC: Startle and Corrugator Response in NPU, Affective Picture Viewing, and Resting State Tasks. Poster presented at the 28th annual meeting of the Association for Psychological Science, Chicago, IL.

21. Kaye, J.T., **Bradford, D.E.**, Curtin, J.J. (2016, March). Psychometric Properties of startle response modulation in three tasks from the NIMH RDOC negative valence system. Poster presented at the annual meeting of the Society for Affective Science, Chicago, IL.

20. **Bradford, D.E.**, Schneck, S.E., Coe, M.A., Curtin, J.J. (2015, October). Alcohol dampens stress reactivity but not perception to visually uncertain stressors in a stimulus generalization paradigm. Poster presented at the 55th annual meeting of the Society for Psychophysiological Research, Seattle, WA.

19. Kaye, J.T., **Bradford, D.E.**, Rohrer, C.T., Hamilton, R.K., Kayser, A.D., Curtin, J.J. (2015, October). Temporal stability of startle modulation during threat-of-shock versus affective picture viewing tasks. Poster presented at the 55th annual meeting of the Society for Psychophysiological Research, Seattle, WA.

18. Magruder, K., **Bradford, D. E.**, Starr, M. J., Motschman, C. A., & Curtin, J. J. (2015, April). Alcohol stress response dampening on startle potentiation, self-report, and ERPs during threat of uncertain location. Poster presented at the 21st annual Wisconsin Symposium on Emotion, Madison, WI.

17. **Bradford, D.E.**, Korhumel, R.A., Makhaboroda, A., Grabinski, K.M., Raupp, G.J., Curtin, J.J., Piper, M.E. (2014, September). Anticipation of smoking attenuates stress response measured with startle potentiation and self-report in nicotine deprived smokers. Poster presented at the 54th annual meeting of the Society for Psychophysiological Research, Atlanta, GA.

16. Magruder, K.P., **Bradford, D.E.**, Starr, M.J., Motschman, C.A., Korhumel, R.A., Curtin, J.J. (2014, June). Alcohol stress response dampening of startle response, self-report, and ERPs during threat of uncertain location. Poster presented at the 37th annual meeting of the Research Society on Alcoholism, Bellevue, WA.
15. **Bradford, D.E.**, Magruder, K.P., Subramani, O.S., Marek, N.M., Curtin, J.J. & Piper, M.E. (2014, February). Smoking anticipation and actual smoking both lower physiological and psychological reactivity to stress for smokers in withdrawal. Poster presented at the 20th annual meeting of the Society for Research on Nicotine and Tobacco, Seattle, WA.
14. Curtin, J.J., Hefner, K.R., Moberg, C.A., **Bradford, D.E.** (2013, January). Selective reduction of anxiety by alcohol: Psychophysiological evidence from laboratory manipulations of threat uncertainty. Poster presented at the 46th annual meeting of the Winter Conference on Brain Research, Breckenridge, CO.
13. **Bradford, D.E.**, Shapiro, B.L., Curtin, J.J. (2012, September). How bad could it be? Alcohol's effect on startle to uncertain intensity threat varies by dose and baseline startle. Poster presented at the 52nd annual meeting of the Society for Psychophysiological Research, New Orleans, LA.
12. Starr, M.J., **Bradford, D.E.**, Motschman, C.A., Korhumel, R.A., Curtin, J.J. (2012, September). Dose-dependent effects of alcohol on attention to certain and uncertain threat. Poster presented at the 52nd annual meeting of the Society for Psychophysiological Research, New Orleans, LA.
11. **Bradford, D.E.**, Kaye, J.T., Curtin, J.J. (2011, September). Not just noise: Individual differences in baseline startle reactivity are anxiety relevant. Poster presented at the 51st annual meeting of the Society for Psychophysiological Research, Boston, MA.
10. Starr, M.J., **Bradford, D.E.**, Shackman, A.J., Curtin, J. J. (2011, September). An empirical comparison of commonly used methods of quantifying startle potentiation. Poster presented at the 51st annual meeting of the Society for Psychophysiological Research, Boston, MA.
9. Kaye, J. T., Williams, W. C., Hachiya, L. Y., **Bradford, D. E.**, Curtin, J. J. (2011, September). Affective response to differential threat probabilities is unaffected by nicotine deprivation. Poster presented at the 51st annual meeting of the Society for Psychophysiological Research, Boston, MA.
8. Letkiewicz, A., Lissek, S., **Bradford, D.E.**, Charney, D., Barrios, M., Grillon, C. (2010 May) The Temporal course of conditioned fear-generalization in healthy subjects. Poster presented at the 65<sup>th</sup> annual meeting of the Society of Biological Psychology, New Orleans, LA.
7. Geraci, M., Luckenbaugh, D., Blair, K., **Bradford, D.E.**, Vythilingam, M., Lissek, S., Grillon, C., Blair, J., Pine, D. (2009 May). Evaluating Childhood Experiences as Potential Risk for Adult Anxiety Disorders: PD, GAD, and GSP. Poster presented at the annual American Psychiatric Association Convention, San Francisco, CA.
6. Kittinger, R., Martin, K., Rubio, E.K., **Bradford, D.E.**, & Correia, C.J. (2008, November). The relationship between the use of social networking sites and internet addiction. Poster presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, Orlando, FL.
5. **Bradford, D.E.**, Lissek, S., Ramirez, G., & Grillon, C. (2008, May) Studying Conditioned Fear Generalization Using Retinotopic Mapping Annuli in an fMRI Procedure. Poster presented at the 20th annual Association for Psychological Science Convention, Chicago, IL.

4. Irons, J, Correia, C. J., Brice, S., **Bradford, D.E.** (2007, May) A novel choice procedure: Empirical assessment of the adequacy of potential monetary reinforcers for college student smokers. Poster presented at the 19th annual Association for Psychological Science Convention, Washington D.C.
3. Howard, C., **Bradford, D.E.**, and Buskist, W. (2007, February) Enthusiasm for teaching and learning and links to student performance. Poster presented at 19th annual Southeastern Conference on the Teaching of Psychology, Atlanta, Georgia.
2. Rahn, E., Platt, T., **Bradford D.E.**, and Escobar, M. (2005, March) Inhibition of delay in Pavlovian appetitive conditioning: Retardation test. Poster presented at the Annual International Conference on Comparative Cognition, Melbourne Beach, Florida.
1. **Bradford, D.E.**, Bray, L. Sissons, H., Escobar, M. (2005, November). Predictive vs. diagnostic learning in causality judgments. Poster presented at Auburn University Psychology Department 11th Annual Graduate Research Festival, Auburn, Alabama.

#### OPEN SCIENCE COMMITMENT

I was one of the original signers of Voluntary Commitment to Research Transparency: Schönbrodt, F. D., Maier, M., Heene, M., & Zehetleitner, M. (2015). Retrieved from [osf.io/4dvkw](https://osf.io/4dvkw). Data and analysis scripts for all of my first-authored publications since 2015 are on Open Science Framework. Design and analysis of all of my first-authored studies designed since 2016 are preregistered.

#### EXTRAMURAL FUNDING

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|---------|---|
| 2020-22 | Consultant (PI: Jessie Oldham), 85531 Thrasher Research Fund, A multifaceted assessment of post-concussion adolescent startle response and injury |
| 2018-21 | Consultant (PI: Courtney Beard), NIMH R34 MH113600, Augmenting hospitalization of SMI by targeting interpretation bias                            |

#### ACADEMIC AWARDS

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| 2019 | Wisconsin Symposium on Emotion Travel Award (\$700)  |
| 2018 | Multicultural Graduate Network Peer Mentor Award (Honorable Mention), UW Madison   |
| 2018 | National Psychologist Trainee Register Credentialing Scholarship (\$300)   |
| 2017 | Excellence in Undergraduate Mentoring Award, Office of the Provost, UW Madison (\$2,000)<br>I was the only graduate student among 4 faculty for this university level award. |
| 2017 | Lyn Abramson Award for Cognitive Approaches to Psychopathology, UW Madison (\$500)   |
| 2016 | Lyn Abramson Award for Cognitive Approaches to Psychopathology, UW Madison (\$500)   |
| 2015 | Outstanding Student Poster Award, Society for Psychophysiology Research (SPR) (\$500)  |
| 2015 | Student Research Travel Award, Wisconsin Alumni Research Foundation, UW Madison (\$600)  |
| 2015 | Menzies and Royalty Research Award, UW Madison (\$500)   |

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| 2015      | Schwartz Fellowship, Research in Cognitive & Experimental Psychology, UW Madison (\$4,000) |
| 2011-18   | Hertz Foundation Travel Award, UW Madison (\$6,500)  |
| 2011      | Outstanding Student Poster Award, SPR (\$500)  |
| 2006 & 07 | Sam Long Hutchison Scholarship, AU (\$1,000)   |
| 2006      | Georgia G. Vallery Outstanding Undergraduate Senior in Psychology Award, AU (\$500)        |
| 2006      | Undergraduate Research Fellowship, AU (\$2,000)  |

#### COMPETITIVE TRAINING FELLOWSHIPS

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| 2020    | Editorial Fellowship, Experimental and Clinical Psychopharmacology                                    |
| 2013    | ERP Bootcamp, University of California, Davis   |
| 2009-11 | National Institute of Mental Health (NIMH) Predoctoral Research Fellow (T32) “Emotion Training Grant” |
| 2007-09 | National Institute of Health (NIH) Post-baccalaureate Intramural Research Training Award              |
| 2006    | American Psychological Association (APA) Advanced Statistical Training Program                        |

#### RESEARCH EXPERIENCE

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| 2019      | Postdoctoral Research Fellow, Anxiety and Traumatic Stress Disorders Laboratory, Center for Depression, Anxiety and Stress Research, McLean Hospital / Research Fellow in Psychology, Department of Psychiatry, Harvard Medical School<br>Supervisors: Dr. Isabelle Rosso, Dr. Scott Rauch |
| 2009-2019 | Graduate Research Assistant<br>Addiction Research Lab, UW Madison<br>Supervisor: Dr. John Curtin   |
| 2011-2014 | Graduate Research Assistant<br>Center for Tobacco Research and Intervention, UW Madison<br>Supervisor: Dr. Megan Piper   |
| 2010-2013 | Graduate Research Assistant<br>Nitschke Research Lab, Waisman Laboratory for Brain Imaging and Behavior, UW Madison<br>Supervisor: Dr. Jack Nitschke   |
| 2007-09   | Post-baccalaureate Research Fellow<br>Section on the Neurobiology of Fear and Anxiety, National Institute of Mental Health (NIMH)<br>Supervisors: Drs. Christian Grillon and Shmuel Lissek   |
| 2007      | Undergraduate Research Assistant<br>Edge Research Team, AU<br>Supervisor: Dr. William Buskist  |



- 2005-07 Undergraduate Research Assistant  
Addictive Behaviors Laboratory, AU  
Supervisor: Dr. Christopher Correia
- 2004-07 Undergraduate Research Assistant  
Learning and Cognition Laboratory, AU  
Supervisor: Dr. Martha Escobar

#### SELECTED UNDERGRADUATE RESEARCH MENTORING

- 2016-17 Jack Shireman. "Alcohol and uncontrollable stress", Hilldale Undergraduate Research Fellowship winner, UW Book Store Academic Excellence Award winner, primary mentor, UW Madison
- 2013 Rachel Korhumel. "Dose-Dependent effects of Alcohol on Attention to Certain and Uncertain Threat", Senior Thesis, primary mentor, UW Madison
- 2012 Anton Makhaboroda. "Could smoking reduce stress? Preliminary Analysis Shows Satiated Smokers Have Decreased Startle Potentiation to Unpredictable Shock", Biology 152 project, primary mentor, UW Madison
- 2011-12 Benjamin Shapiro. "Alcohol selectively affects startle to uncertain intensity threat", Hilldale Undergraduate Research Fellowship winner, UW Book Store Academic Excellence Award winner, primary mentor, UW Madison
- 2010 Ana Fleischman. "Alcohol and stimulus generalization", Biology 152 project, primary mentor, UW Madison

#### TEACHING EXPERIENCE

- 2020 Instructor of record (Fall), Psychological Statistics, Research Methods and Design, graduate course, University of Miami
- 2020 Instructor of record (Spring), Special Topics: Psychology of Drug Use and Addictive Behaviors, undergrad course, University of Miami
- 2020 Instructor of record (Spring), Faculty Overview of Research and Undergraduate Mentoring, undergrad course, University of Miami
- 2017-18 Professional Tutor, UW Athletic Department
- 2017 Teaching Assistant (Fall), The General Linear Model, graduate course, assisting Dr. John Curtin, UW Madison
- 2014-15 Reader/Grader (Spring & Fall, 14 Spring, 15), The Criminal Mind: Forensic and Psychobiological Perspectives, Undergraduate course, Assisting Drs. Joe Newman & Patty Coffey, UW Madison
- 2013 Teaching Assistant (Spring & Fall), The Criminal Mind: Forensic and Psychobiological Perspectives, Undergraduate course, assisting Drs. Joe Newman & Patty Coffey, UW Madison

- 2011-13 Instructor (Summers), Neuroscience, High school course, Pre-College Enrichment Opportunity Program for Learning Excellence (PEOPLE), UW Madison
- 2006-07 Professional Tutor, AU Athletic Department
- 2006 Guest lecturer (Spring), The Psychology of Learning, AU
- 2006 Professional Peer Instructor, Peer Assisted Student Services, AU
- 2005 Teaching Assistant (Summer), Introduction to Psychology, assisting Dr. William Buskist, AU

#### CLINICAL SUPERVISION EXPERIENCE

- 2020- Clinical supervisor, University of Miami Psychological Services Center  
Supervising: Intakes, individual therapy (CBT, DBT, ACT, Motivation Interviewing)  
Students: Hannah Broos, William Villano
- 2018-19 Clinical supervisor, McLean Hospital / Harvard Medical School  
Supervising: Individual therapy (CBT, DBT, ACT, Motivation Interviewing)  
Students: Kaitlyn Rose

#### CLINICAL TRAINING

- 2018-2020 Postdoctoral clinical therapist, OnTrack program for first episode psychosis, McLean Hospital  
Treating: Bipolar disorder  
Performing: CBT  
Supervisor: Dr. Gary Taylor
- 2018-19 Clinical Psychology Intern, OCDI, McLean Hospital / Harvard Medical school  
Treating: OCD  
Performing: Intakes, CBT, Exposure Response Prevention (ERP), group therapy  
Supervisor: Dr. Jason Krompinger
- 2018-19 Clinical Psychology Intern, Behavioral Health Partial Program, McLean Hospital / Harvard Medical school  
Treating: adult depression, anxiety, panic, bipolar disorder, borderline personality disorder, substance abuse, suicidality, OCDI  
Performing: Intakes, individual therapy (CBT, DBT, ACT, Motivational Interviewing), group therapy  
Supervisors: Drs Amy Meade, Igor Weinberg, Gary Taylor, Marc Zuckerman
- 2017-18 Graduate Student Clinician, UW School of Pharmacy  
Treating: adult depression, anxiety, panic disorder  
Performing: Intakes, individual therapy (CBT, DBT, ACT, Motivational Interviewing)  
Supervisor: Dr. Christopher Gioia
- 2017-18 Graduate Research Clinician, UW Hospital and Clinics  
Treating: adult alcoholism  
Performing: Motivational Interviewing for study protocol "Targeting noradrenergic stress mechanisms in alcoholism with doxazosin"  
Supervisor: Dr. Christopher Gioia

- 2014-18 Professional Behavioral Specialist, OCD IOP, Rogers Memorial Hospital  
Treating: adult OCD, social anxiety, panic, depression, PTSD, ADHD, AOD  
Performing: Intakes, manualized CBT, Exposure Response Prevention (ERP)  
Supervisor: Dr. Rachel Leonard
- 2011-18 Practicum Student, Psychology Research and Training Clinic, UW Madison  
Treating: adult depression, anxiety  
Performing: Intakes, individual therapy (CBT, DBT, ACT, MI), child, adult cognitive assessments (PAI, BSI, BDI, BAI, MINI, WAIS-IV, WISC-IV, WMS-III, Woodcock-Johnson III, CVLT-C), malingering assessment (VIP, TOMM, Rey 15)  
Supervisors: Dr. Linnea Burk and Dr. Christopher Gioia
- 2013-14 Practicum Student, Rogers Memorial Hospital OCD IOP  
Treating: adult OCD, anxiety, depression,  
Performing: Intakes, manualized CBT, ERP  
Supervisor: Dr. Rachel Leonard
- 2012-13 Practicum Student, Couple Clinic, UW Madison  
Treating: adult relationship conflict, abuse  
Performing: Intakes, couple therapy (CBT, EFT), live peer supervision  
Supervisor: Dr. Alan Gurman
- 2011-13 Practicum Student, Center for Tobacco Research and Intervention, UW Madison  
Treating: adult tobacco smoking  
Performing: Co-facilitation of group therapy for smoking cessation and maintenance  
Supervisor: Dr. Douglas Jorenby
- 2007-09 Research Assistant, Section on the Neurobiology of Fear and Anxiety, NIMH  
Treating: adult Social Anxiety Disorder  
Assisted in exposure sessions for individuals suffering from social anxiety disorder  
Supervisor: Dr. Erin Berman

### NATIONAL SERVICE

- 2021 Consulting Editor, Experimental and Clinical Psychopharmacology (Beginning January 2021)
- 2020-present Committee member, SPR Committee to promote student interests
- 2020-present Center for Open Science Ambassador, University of Miami
- 2020-present Consulting Editor, Psychology of Addictive Behaviors
- 2020-present Editorial Fellow, Experimental and Clinical Psychopharmacology
- 2020 Reviewer, National Science Foundation
- 2018-19 Center for Open Science Ambassador, McLean Hospital
- 2018-19 Campus Representative, Society for Science of Clinical Psychology (SSCP), UW Madison
- 2018-19 Mentor, Illinois Science and Technology Institute

2017-18 Center for Open Science Ambassador, UW Madison\

2013-14 Member, SPR Program Committee

2013 Mentor, AU Honors College Professional Mentor Program

2011 Graduate Student Advocate, APA

2006-07 Reviewer, Association for Psychological Science (APS) Student Research Award

2006-07 Reviewer, APS Student Research Grant Competition

2006-07 Reviewer, APS “Rise Up” award

2005-06 President, Psi Chi, AU chapter

2005 Vice President, Psi Chi, AU chapter

#### DEPARTMENTAL SERVICE

2020 Dissertation committee, Naomi Tarlow, “TBD”, UM

2020 Senior honors thesis committee, Danielle Goldwert. “Understanding the role of individual difference factors in shaping information processing and emotional responses to climate change messaging”, UM

2020 Senior honors thesis committee, Lauren Thomas. “The relationship between environmental exploration and depression within the peripartum period”, UM

2011-12 Student Representative, UW Madison Psychology Department Graduate Committee

2010-11 Member, Student Advisory Committee, UW Madison Division of Information Technology

2006 Referee, Outstanding Research Presentation Award, AU Undergraduate Research Fellowship

#### AD HOC JOURNAL REVIEWING

Journals: *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, *Biological Psychology*, *Brain Research*, *Clinical Psychological Science*, *Cognitive Therapy and Research*, *Cognition and Emotion*, *Depression and Anxiety*, *Emotion*, *eLife*, *European Journal of Neuroscience*, *Experimental and Clinical Psychopharmacology*, *Frontiers in Behavioral Neuroscience*, *International Journal of Psychophysiology*, *Journal of Abnormal Psychology*, *Journal of Anxiety Disorders*, *Journal of Neurodevelopmental Disorders*, *Journal of Visualized Experiments*, *Motivation and Emotion*, *Nicotine and Tobacco Research*, *Neuropsychopharmacology*, *Neuropsychologia*, *PLOS one*, *Psychology of Addictive Behaviors*, *Psychophysiology*, *Psychiatric Research*, *Scientific Reports*, *Social Cognitive and Affective Neuroscience*

Publons verified reviewing profile: <https://publons.com/author/1156678/daniel-e-bradford#profile>

#### PROFESSIONAL AND SCHOLARLY AFFILIATIONS

Society for the Improvement of Psychological Science, Society for a Science of Clinical Psychology, SPR, APS, Psi Chi

## RESEARCH AND INTERVIEWS IN POPULAR MEDIA

Sara Gavin. (2018, November, 12) How alcohol dilutes anxiety [Web log post]. Retrieved from <https://today.umd.edu/articles/how-alcohol-dilutes-anxiety-f958169c-f9ba-41eb-bc60-aa6bd24409c0>

Job de Vrieze. (2018, January, 18). Nearly 100 scientists spent 2 months on Google Docs to redefine the p-value. Here's what they came up with [Web log post]. Retrieved from <http://www.sciencemag.org/news/2018/01/nearly-100-scientists-spent-2-months-google-docs-redefine-p-value-here-s-what-they-came>

Cindy Lamothe. (2017, August, 9). An Alarming Number of People Don't Know the Signs of Prescription-Drug Abuse [Web log post]. Retrieved from <http://nymag.com/scienceofus/2017/08/opioid-epidemic-addiction-mental-health.html>

Emily Cassel. (2017, June, 2). Painkiller addictions are the easiest to hide [Web log post] Retrieved from [https://tonic.vice.com/en\\_us/article/3kzn49/painkiller-addictions-are-the-easiest-to-hide](https://tonic.vice.com/en_us/article/3kzn49/painkiller-addictions-are-the-easiest-to-hide)

Christian Jarrett. (2017, March, 26). 5 Studies to help explain why social drinking is so rewarding [Web log post]. Retrieved from <http://www.businessinsider.com/5-studies-that-help-explain-why-social-drinking-is-so-rewarding-2017-3>

Julie Spitzer. (2017, February, 13). How substances affect the human brain and why we become addicted [Web log post]. Retrieved from <http://www.dailycardinal.com/article/2017/02/how-substances-affect-the-human-brain-and-why-we-become-addicted>

Wray Herbert. (2013, July, 22). Booze, bingeing, and the devil you don't know. [Web log post]. Retrieved from [http://www.huffingtonpost.com/wray-herbert/booze-binging-and-the-dev\\_b\\_3634559.html](http://www.huffingtonpost.com/wray-herbert/booze-binging-and-the-dev_b_3634559.html)

Alcohol dampens stress responses, especially for uncertain threat. [Web log post]. Retrieved from <http://www.psychologicalscience.org/index.php/publications/observer/obsonline/alcohol-dampens-stress-responses-especially-for-uncertain-threats.html>

## REFERENCES

Contact information for all research mentors and clinical supervisors is available upon request