

# Shannon E. Grogans, M.S.

Curriculum Vitae  
Updated April 17, 2025

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## EDUCATION

2025-2026	<b>Clinical Intern</b> (starting June 2025) The Ohio State University Wexner Medical Center   Columbus, OH Mood, Anxiety, and Mindfulness Track
2019-Present	<b>Doctoral Candidate, Clinical Psychology</b> University of Maryland, College Park   College Park, MD ( <i>APA- &amp; PCSAS-Accredited</i> ) Degree Expected: May 2026 <u>Dissertation (Proposed 2/2024; Defending 5/2025):</u> <i>Understanding the relevance of threat circuitry to the emergence and recurrence of internalizing illness in emerging adulthood</i> <u>Advisor:</u> Alexander Shackman, PhD <u>Committee Members:</u> Jack Blanchard, PhD; Christopher Conway, PhD (Fordham); Arianna Gard, PhD; Gregory Hancock, PhD <u>GPA:</u> 3.98/4.00
2019-2021	<b>Master of Science, Clinical Psychology</b> <i>Non-terminal Degree through APA &amp; PCSAS-Accredited PhD Program</i> University of Maryland, College Park   College Park, MD Degree Awarded: August 2021 <u>Master's Thesis:</u> <i>Understanding the relevance of extended amygdala reactivity to dispositional negativity</i> <u>Advisor:</u> Alexander Shackman, PhD
2012-2016	<b>Bachelor of Arts, Cognitive Science &amp; Psychology</b> Northwestern University   Evanston, IL Degree Awarded: June 2016 Major Concentration in Cognitive Neuroscience <i>Cum Laude</i> Honors GPA: 3.81/4.00

## GRANT & FELLOWSHIP FUNDING

2023-2025

**Ruth L. Kirschstein National Research Service Award (NRSA) to Promote Diversity in Health-Related Research – Diversity F31 (F31-MH132280) (\$96,668)**

National Institute of Mental Health (NIMH)

Project Title: *Using functional neuroimaging and smartphone digital phenotyping to understand the emergence of internalizing illness* (8/01/2023-7/31/2025)

Role: Principal Investigator

Co-Sponsors: Alexander Shackman, PhD & Daniel Pine, MD

Consultants: Christopher Conway, PhD; Lea Dougherty, PhD; Gregory Hancock, PhD

Impact Score: 1<sup>st</sup> Submission (2022): 42 (36<sup>th</sup> percentile)  
**2<sup>nd</sup> Submission (2023): 10 (1<sup>st</sup> percentile)**

2023-2025	<b>Dean's Fellowship (\$15,000)</b> Graduate School, University of Maryland, College Park <i>Provides supplemental graduate funding for a student that has significantly contributed to their department and college</i>
2023	<b>Ann G. Wylie Dissertation Fellowship (\$15,000; declined)</b> Graduate School, University of Maryland, College Park <i>Provides full-time support for one semester to outstanding University of Maryland doctoral candidates who are in the latter stages of writing their dissertations; declined for NRSA</i>
2019-2024	<b>Flagship Fellowship (\$60,000)</b> Graduate School, University of Maryland, College Park <i>Award designed to recruit outstanding doctoral students (top 2% of admitted students) to the University of Maryland Graduate School; Recipients receive an additional stipend of \$12,000 a year for 5 years of graduate study</i>
2016-2019	<b>Intramural Research Training Award (IRTA) Fellowship (\$92,000)</b> National Institute of Mental Health (NIMH) <i>Full-time, one-to-three year fellowship that allows trainees the opportunity to engage in cutting-edge biomedical research at a laboratory at the NIH</i>
2015	<b>Cognitive Science Summer Undergraduate Research Fellowship (\$3,000; declined)</b> Cognitive Science Program, Northwestern University <i>Project Title: The Relationship between Reward-Reactivity &amp; Gratification Delay</i>
2015	<b>Northwestern University Summer Undergraduate Research Grant (\$3,000)</b> Office of Undergraduate Research, Northwestern University <i>Project Title: The Relationship between Reward-Reactivity &amp; Gratification Delay</i>
2013, 2014	<b>NASA Undergraduate Summer Research Grant (\$10,000)</b> Department of Physics & Astronomy, Northwestern University 2013 Project Title: <i>The Creation and Characteristics of Magnetically Smart Astronomical Mirrors</i> 2014 Project Title: <i>Automation of a Sputter Deposition Process for Ni-Co X-Ray Mirrors</i>

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## HONORS AND AWARDS

2025	<b>Predoctoral Scholars Travel Fellowship Award (\$2,000)</b> Society of Biological Psychiatry <i>Competitive travel award to attend and present at the annual Society of Biological Psychiatry (SOBP) conference, a meeting of world-class leaders in psychiatric and clinical neuroscience research; recipient receives a stipend to support attendance at the 2025 conference in Toronto, ON, as well as waived registration for the 2025-2027 meetings</i>
2025	<b>Alies Muskin Career Development Leadership Program Award (\$500)</b> Anxiety & Depression Association of America <i>Competitive research-track travel &amp; career development award to attend and present at the annual Anxiety &amp; Depression Association of America (ADAA) conference, a meeting of leaders in clinical psychology research and practice; recipient receives individual mentorship, opportunities to present a poster and give a talk, waived registration to support attendance at the 2025 conference in Las Vegas, NV, a \$500 cash prize, and a complimentary two-year membership to ADAA</i>
2024	<b>Excellence in Research Award (\$100)</b> University of Maryland Clinical Psychology Doctoral Program

*Award given annually to a clinical psychology doctoral student who has demonstrated excellence in research; recipient selected by clinical area faculty at the University of Maryland, College Park*

- 2024      **Clinical Program Student Training Grant (\$224)**  
University of Maryland Clinical Psychology Doctoral Program  
*Travel support from the clinical program to give a poster presentation at the Association for Behavioral and Cognitive Therapies' annual convention in Philadelphia, PA*
- 2024      **International Conference Student Support Award (\$215)**  
Graduate School, University of Maryland, College Park  
*Travel support that covers conference registration for an international conference; received to give an oral presentation at Society for Research in Psychopathology in Montreal, QC*
- 2024      **Open Science Impact Award (\$1,000)**  
Department of Psychology, University of Maryland, College Park  
*Recognizes outstanding efforts by one faculty member and one trainee annually for carrying out research in a manner consistent with open science principles; recipients will receive a monetary award, certificate, and the opportunity to present their work at a department-wide event*
- 2024      **Wisconsin Symposium on Emotion Travel Award (\$300)**  
HealthEmotions Research Institute, University of Wisconsin-Madison  
*Competitive travel award to attend and present at the annual Wisconsin Symposium on Emotion, a meeting of world-class leaders in affective neuroscience*
- 2023      **Broadening Participation in Graduate Education Award (\$200)**  
Department of Psychology, University of Maryland, College Park  
*Awarded for mentorship through NextGen Psych Scholars, a graduate-student led organization centered on supporting underrepresented students seeking careers and graduate study in psychology*
- 2023      **Goldhaber Travel Award (\$400)**  
Graduate School, University of Maryland, College Park  
*Travel support to give an oral presentation at the Society of Biological Psychiatry's annual meeting in San Diego, CA*
- 2023      **Clinical Program Student Training Grant (\$250)**  
University of Maryland Clinical Psychology Doctoral Program  
*Travel support from the clinical program to give an oral presentation at the Society of Biological Psychiatry's annual meeting in San Diego, CA*
- 2023      **Advanced Training in Methodology & Statistics Award (\$195)**  
Department of Psychology, University of Maryland, College Park  
*Support for graduate students to obtain training on new and emerging methods that are not readily available through regular coursework; received for an introductory multilevel modeling workshop*
- 2022      **Excellence in Research Award**  
University of Maryland Clinical Psychology Doctoral Program  
*Award given annually to a clinical psychology doctoral student who has demonstrated excellence in research; recipient selected by clinical area faculty at the University of Maryland, College Park*
- 2022      **Goldhaber Travel Award (\$250)**  
Graduate School, University of Maryland, College Park  
*Travel support to give an oral presentation at the Association of Psychological Science's annual meeting in Chicago, IL*

- 2021 **Society for Social Neuroscience Reproducibility Award**  
Society for Social Neuroscience  
*Award given annually to recognize researchers committed to promoting robust, transparent and reproducible science through use of open science practices*
- 2020 **Honorable Mention**  
National Science Foundation Graduate Research Fellowship Program (NSF-GRFP)  
*Awarded to the top quartile of proposal submissions*
- 2019 **Advanced Training in Methodology & Statistics Award (\$425)**  
Department of Psychology, University of Maryland, College Park  
*Support for graduate students to obtain training on new and emerging methods not readily available through regular coursework; received for introductory structural equation modeling workshop*
- 2019 **Honorable Mention**  
National Science Foundation Graduate Research Fellowship Program (NSF-GRFP)  
*Awarded to the top quartile of proposal submissions*
- 2015 **Campus Life Award**  
Northwestern University  
*Awarded quarterly to recognize significant contributions to improving quality of student life; received for spearheading "Send Silence Packing," a national suicide awareness/prevention event*
- 2013-2016 **Women's Educational Aid Association Scholarship**  
Women's Educational Aid Association, Northwestern University  
*Scholarship and ongoing mentorship awarded to 5-7 high-achieving, low-income women from each Northwestern class*
- 2013-2016 **Orlof Family Endowed Scholarship**  
Northwestern University  
*Endowed scholarship awarded to students with outstanding academic achievement and financial need*
- 2013-2016 **J.G. Nolan Endowed Scholarship**  
Weinberg College of Arts & Sciences, Northwestern University  
*Endowed scholarship awarded to Weinberg College students with outstanding academic achievement and financial need*

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## PUBLICATIONS

### Peer-Reviewed Publications

#### Manuscripts In Press

14. Cornwell, B. R., Didier, P. R., **Grogans, S. E.**, Anderson, A. S., Islam, S., Kim, H. C., Tillman, R. M., Hur, J., Scott, Z. S., Fox, A. S., DeYoung, K. A., Smith, J. F.†, & Shackman, A. J.† (*in press*). A shared threat anticipation circuit is dynamically engaged at different moments by certain and uncertain threat. *Journal of Neuroscience*.
13. **Grogans, S. E.**, Hur, J., Barstead, M., Anderson, A.S., Islam, S. Kuhn, M., Tillman, R. M., Fox, A. S., Smith, J. F.†, DeYoung, K. A.†, & Shackman, A. J.† (2024). Neuroticism/negative emotionality is associated with increased reactivity to uncertain threat in the bed nucleus of the stria terminalis, not the amygdala. *Journal of Neuroscience*, 44, e1868232024.

12. Shackman, A. J., **Grogans, S. E.**, & Fox, A. S. (2024). Fear, anxiety, and the functional architecture of the human central extended amygdala. *Nature Reviews Neuroscience*, 25, 587-588.
11. Conway, C. C., **Grogans, S. E.**, Anderson, A. S., Islam, S., Craig, L. E., Wedlock, J., Hur., J., DeYoung, K. A., & Shackman, A. J. (2024). Neuroticism is selectively associated with longitudinal increases in broadband internalizing symptoms, but not anhedonia or anxious arousal, in emerging adulthood. *Clinical Psychological Science*, 12(5), 823-839.
10. **Grogans, S. E.**, Bliss-Moreau, E., Buss, K., Clark, L. A., Fox, A. S., Keltner, D., Cowen, A. S., Kim, J. J., Kragel, P. A., MacLeod, C., Mobbs, D., Naragon-Gainey, K., Fullana, M. A., & Shackman, A. J. (2023). The nature and neurobiology of fear and anxiety: State of the science and opportunities for accelerating discovery. *Neuroscience & Biobehavioral Reviews*, 105237.
9. Richie-Halford, A., Cieslak, M., Ai, L., Caffarra, S., Covitz, S., Franco, A. R., Karipidis, I. I., Kruper, J., Milham, M., Avelar-Pereira, B., Roy, E., Sydnor, V. J., Yeatman, J., **The Fibr Community Science Consortium**, Satterthwaite, T. D., & Rokem, A. (2022). An analysis-ready and quality controlled resource for pediatric brain white-matter research. *Scientific Data*, 9(1), 616.
8. Orth, R. D., Hur, J., Jacome, A. M., Savage, C. L. G., **Grogans, S. E.**, Shackman, A. J., & Blanchard, J. J. (2022). Understanding the consequences of moment-by-moment fluctuations in mood and social experience for paranoid ideation in psychotic disorders. *Schizophrenia Bulletin Open*, 3(1), sgac064.
7. **Grogans, S. E.**, Fox, A. S., & Shackman, A. J. (2022). The amygdala and depression: A sober reconsideration. *American Journal of Psychiatry*, 179(2), 454-457.
6. Hur, J.\* , Kuhn, M.\* , **Grogans, S. E.\***, Anderson, A. S., Islam, S., Kim, H. C., Tillman, R. M., Fox, A. S., Smith, J. F. †, DeYoung, K. A. †, & Shackman, A. J. † (2022). Anxiety-related fronto-cortical activity is associated with dampened stressor reactivity in the midst of daily life. *Psychological Science*. 33(6), 906-924.
5. Eisenberg, D. P., Kohn, P. D., Hegarty, C. E., Smith, N. D., **Grogans, S. E.**, Czarapata, J. B., Gregory, M. D., Apud, J. A., & Berman, K. F. (2022). Clinical correlation but no elevation of striatal dopamine synthesis capacity in two independent cohorts of medication-free individuals with schizophrenia. *Molecular Psychiatry*, 27(2), 1241-1247.
4. Lopez, G., Eisenberg, D. P., Gregory, M. D., Ianni, A., **Grogans, S. E.**, Kim, J., Masdeu, J. C., Groden, C., Sidransky, E., & Berman, K. F. (2020). Longitudinal positron emission tomography of dopamine synthesis in subjects with *GBA1* mutations. *Annals of Neurology*, 87(4), 652-657.
3. Pornpattananangkul, N., **Grogans, S.**, Yu, R., & Nusslock, R. (2019). Single-trial EEG Dissociates Motivation and Conflict Processes During Decision-Making Under Risk. *NeuroImage*, 188, 483-501.
2. Yao, Y., Wang, X., Cao, J., Graham, M. E., Vaynman, S., **Grogans, S. E.**, Cao, Y., & Ulmer, M. P. (September 2015). Stress manipulated coating for figure reshape of light weight x-ray telescope mirrors. In *Optics for EUV, X-Ray, and Gamma-Ray Astronomy VII* (Vol. 9603, p. 96031J). International Society for Optics and Photonics.
1. Ulmer, M. P., Wang, X., Knapp, P. M., Cao, J., Cao, Y., Karian, T., **Grogans, S.**, Graham, M. E., Vaynman, S., & Yao, Y. (September 2014). Comparisons of the deflections of magnetically smart films

on alloy of NiCo and glass substrates. In *Adaptive X-Ray Optics III* (Vol. 9208, p. 920808). International Society for Optics and Photonics.

### Manuscripts Under Review

2. Lewis, K. M., **Grogans, S. E.**, & Pine, D. S. (*under review*). Exploring the role of self-efficacy in the relationship between behavioral inhibition and anxiety in youth.
1. Shackman, A. J., Kaplan, C. M., Kim, H. C., Islam, S., Anderson, A. S., Tillman, R. M., Kuhn, M., Hur, J., **Grogans, S. E.**, Fox, A. S., DeYoung, K. A., & Smith, J. F. (*under review*). A mega-analytic assessment of extended amygdala reactivity to certain and uncertain threat.

### Manuscripts In Preparation

3. **Grogans, S. E.**, Hur, J., Fox, A. S., Smith, J. F., DeYoung, K. A., & Shackman, A. J. (*in prep*). Increased reactivity to uncertain-threat anticipation in the bed nucleus of the stria terminalis and periaqueductal gray is associated with longitudinal worsening of internalizing symptoms, conditional on stress exposure.
2. Lewis, K. M., Morales, S., **Grogans, S. E.**, Ross, A., Bernstein, R., Haller, S., Fox, N. A., & Pine, D. S. (*in prep*). Developmental pathway to anxiety: Behavioral inhibition and self-efficacy as predictors of treatment outcome in youth.
1. Hur, J.\* , **Grogans, S. E.\***, Kuhn, M., Anderson, A. S., Islam, S., Kim, H. C., Tillman, R. M., Fox, A. S., Smith, J. F.†, DeYoung, K. A.†, & Shackman, A. J.† (*in prep*). Diminished vmPFC safety signaling is associated with pervasively elevated real-world negative affect.

### Manuscript File Drawer

2. Anderson, A. S., **Grogans, S. E.**, Wedlock, J., DeYoung, K. A., Barstead, M. G., Islam, S., & Shackman, A. J. (*file drawer*). Black undergraduate students' experiences of microaggressions and discrimination: Risk and resilience.
1. Barstead, M. G., DeYoung, K. A., Anderson, A. S., Islam, S., Weinstein, J. S., Hur, J., **Grogans, S. E.**, Smith, J.F., Kuhn, M., Fox, A. S., & Shackman, A. J. (*file drawer*). Dispositional negativity and the momentary challenges of daily life and the laboratory: Dissecting the pathways underlying pervasive misery.

### Other Publications

3. Marsh, N. P.\* & **Grogans, S. E.\*** (August 2024). How to incorporate tools from Organizational Skills Training into your life as a graduate student. *PCSAS*. <https://pcsas.org/graduate-student-well-being/how-to-incorporate-tools-from-organizational-skills-training-into-your-life-as-a-graduate-student/>.
2. **Grogans, S. E.\*** & Marsh, N. P.\* (July 2023). Navigating the advisor-advisee relationship. *PCSAS Newsletter, 10<sup>th</sup> Edition*.
1. Baez, L., DeYoung, K. A., Anderson, A. S., Islam, S., **Grogans, S. E.**, Conway, C. C., Shackman, A. J. & Heller, A.S. (2022). Momentary emotional fingerprints of internalizing symptom facets. Preprint at *PsyArXiv*.

\* co-first author | † co-senior author

Grogans CV

Page 6

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## PRESENTATIONS

### Oral Presentations

5. **Grogans, S. E.**, Hur, J., Didier, P. R., Das, S., Anderson, A. S., Islam, S., Kim, H. C., Kuhn, M., Fox, A. S., Smith, J. F., DeYoung, K. A., & Shackman, A. J. (April 2025). Increased reactivity to uncertain-threat anticipation in the bed nucleus of the stria terminalis and periaqueductal gray is associated with longitudinal worsening of internalizing symptoms, conditional on stress exposure. Oral presentation as part of the Alies Muskin Career Development Leadership Program (CDLP) at the 2025 annual meeting of the *Anxiety & Depression Association of America*, Las Vegas, NV.
4. **Grogans, S. E.**, Hur, J., Kuhn, M., Anderson, A. S., Islam, S., Kim, H. C., Tillman, R. M., Fox, A. S., Smith, J. F., DeYoung, K. A., & Shackman, A. J. (October 2024). The neural systems and real-world mood dynamics underlying dispositional risk for internalizing illness. Oral presentation at the annual meeting of the *Society for Research in Psychopathology*, Montreal, QC.
3. **Grogans, S. E.\***, Hur, J.\*, Kuhn, M., Anderson, A. S., Islam, S., Kim, H. C., Tillman, R. M., Fox, A. S., Smith, J. F. †, DeYoung, K. A. †, & Shackman, A. J. † (April 2023). The relevance of threat & safety circuits to momentary real-world distress. Oral presentation at the annual meeting of the *Society of Biological Psychiatry*, San Diego, CA.
2. **Grogans, S. E.**, Hur, J., Smith, J. F., DeYoung, K. A., & Shackman, A. J. (May 2022). The neurobiology of neuroticism/negative emotionality. Flash talk at the annual meeting of the *Association for Psychological Science*, Chicago, IL.
1. **Grogans, S. E.** (December 2017). Hippocampal D<sub>1</sub>/D<sub>2</sub> receptor availability and neural activity during implicit memory encoding. Oral presentation at the “Postbac Elevator Pitch” event through the *NIH Postbaccalaureate Seminar Series*, Bethesda, MD.

### Poster Presentations

52. **Grogans, S. E.**, Hur, J., Didier, P. R., Das, S., Anderson, A. S., Islam, S., Kim, H. C., Kuhn, M., Fox, A. S., Smith, J. F., DeYoung, K. A., & Shackman, A. J. (2025). Increased reactivity to uncertain-threat anticipation in the bed nucleus of the stria terminalis and periaqueductal gray is associated with longitudinal worsening of internalizing symptoms, conditional on stress exposure. Poster to be presented at the 2025 annual meeting of the *Society of Biological Psychiatry*, Toronto, ON.
51. Didier, P. R., **Grogans, S. E.**, Haring, J. R., Conway, C. C., Wright, A. G. C., DeYoung, K. A., & Shackman, A. J. (*under review*). Real-world emotion dynamics are associated with current and future internalizing symptoms. Abstract submitted to the 2025 annual meeting of the *Anxiety & Depression Association of America*, Las Vegas, NV.
50. **Grogans, S. E.**, Hur, J., Didier, P. R., Das, S., Anderson, A. S., Islam, S., Kim, H. C., Kuhn, M., Fox, A. S., Smith, J. F., DeYoung, K. A., & Shackman, A. J. (2025). Increased reactivity to uncertain-threat anticipation in the bed nucleus of the stria terminalis and periaqueductal gray is associated with longitudinal worsening of internalizing symptoms, conditional on stress exposure. Poster to be presented at the 2025 annual meeting of the *Anxiety & Depression Association of America*, Las Vegas, NV.

49. **Grogans, S. E.,** Pine, D. S., & Lewis, K. M. (2024). The role of social self-efficacy in the relationship between behavioral inhibition and social anxiety in youth. Poster presented at the annual meeting of the *Association for Behavioral and Cognitive Therapies*, Philadelphia, PA.
48. Ewing, D., Didier, P. R., **Grogans, S. E.,** Anderson, A. S., Islam, S., Craig, L. E., Wedlock, J., Hur, J., DeYoung, K. A., & Shackman, A. J. (2024). Loneliness and internalizing symptoms of anxiety and depression over time. Poster presented at the annual meeting of the *Association for Behavioral and Cognitive Therapies*, Philadelphia, PA.
47. **Grogans, S. E.,** Hur, J., Barstead, M. G., Anderson, A. S., Islam, S., Kim, H. C., Kuhn, M., Tillman, R. M., Fox, A. S., Smith, J. F., DeYoung, K. A., & Shackman, A. J. (2024). The neural systems and real-world mood dynamics underlying dispositional risk for internalizing illness. Poster presented at the *NIMH Diversity Supplement Professional Development and Networking Workshop*, Virtual Meeting.
46. **Grogans, S. E.,** Hur, J., Barstead, M. G., Anderson, A. S., Islam, S., Kim, H. C., Kuhn, M., Tillman, R. M., Fox, A. S., Smith, J. F., DeYoung, K. A., & Shackman, A. J. (2024). The neural systems and real-world mood dynamics underlying dispositional risk for internalizing illness. Poster presented at the annual meeting of the *Society of Biological Psychiatry*, Austin, TX.
45. Didier, P., Cornwell, B., **Grogans, S. E.,** Anderson, A. S., Islam, S., Kim, H. C., Tillman, R. M., Hur, J., Fox, A. S., DeYoung, K. A., Smith, J. F., & Shackman, A. J. (2024). A shared threat-anticipation circuit is dynamically engaged at different moments by temporally uncertain and certain threat. Poster presented at the annual meeting of the *Society of Biological Psychiatry*, Austin, TX.
44. **Grogans, S. E.,** Hur, J., Barstead, M. G., Anderson, A. S., Islam, S., Kim, H. C., Kuhn, M., Tillman, R. M., Fox, A. S., Smith, J. F., DeYoung, K. A., & Shackman, A. J. (2024). The neural systems and real-world mood dynamics underlying dispositional risk for internalizing illness. Poster presented at the annual meeting of the *Wisconsin Symposium on Emotion – HealthEmotions Research Institute*, Madison, WI.
43. **Grogans, S. E.,** Hur, J., Barstead, M. G., Anderson, A. S., Islam, S., Kim, H. C., Kuhn, M., Tillman, R. M., Fox, A. S., Smith, J. F., DeYoung, K. A., & Shackman, A. J. (2023). Neuroticism is associated with increased reactivity to uncertain threat—but not ‘threat-related’ emotional faces—in the bed nucleus of the stria terminalis. Poster presented at the annual meeting of the *Society of Biological Psychiatry*, San Diego, CA.
42. Didier, P., Cornwell, B., **Grogans, S. E.,** Anderson, A. S., Islam, S., Kim, H. C., Tillman, R. M., Hur, J., Fox, A. S., DeYoung, K. A., Smith, J. F., & Shackman, A. J. (2023). Decomposing the neural dynamics of threat anticipation. Poster presented at the annual meeting of the *Society of Biological Psychiatry*, San Diego, CA.
41. Shi, T., **Grogans, S. E.,** Smith, J. F., & Shackman, A. J. (2023). Understanding the role of extended amygdala reactivity in intolerance of uncertainty & loneliness. Poster presented at *PSYC Terp Research Fair*, College Park, MD.
40. **Grogans, S. E.,\*** Conway, C. C. \*, Anderson, A. S., Islam, S., Craig, L. E., Wedlock, J., Hur, J., DeYoung, K. A., & Shackman, A. J. (2023). Neuroticism is selectively associated with longitudinal increases in broadband internalizing symptoms, but not anhedonia or anxious arousal, in emerging adulthood. Poster to be presented at the annual meeting of the *Anxiety & Depression Association of America*, Washington, DC.



39. Biskach, M., **Grogans, S. E.**, Kim, H. C., DeYoung, K. A., & Shackman, A. J. (2022). Exploring the role of substance use on the relationships between behavioral inhibition, social anxiety, & loneliness. Poster presented at *Undergraduate Research Day*, College Park, MD.
38. **Grogans, S. E. \***, Hur, J. \*, Kuhn, M., Anderson, A. S., Islam, S., Kim, H. C., Tillman, R. M., Fox, A. S., Smith, J. F., DeYoung, K. A., & Shackman, A. J. (2022). Diminished vmPFC safety signaling is associated with pervasively elevated real-world negative affect. Poster presented to the annual meeting of the *Society of Biological Psychiatry*, Virtual Meeting.
37. **Grogans, S. E.**, Hur, J., Barstead, M. G., Anderson, A. S., Islam, S., Kim, H. C., Kuhn, M., Tillman, R. M., Fox, A. S., Smith, J. F., DeYoung, K. A., & Shackman, A. J. (2021). Neuroticism/negative emotionality is associated with increased reactivity to uncertain threat in the bed nucleus of the stria terminalis. Poster presented to the annual meeting of the *Society for Social Neuroscience*, Virtual Meeting.
36. **Grogans, S. E.**, Hur, J., Barstead, M. G., Anderson, A. S., Islam, S., Kim, H. C., Kuhn, M., Tillman, R. M., Fox, A. S., Smith, J. F., DeYoung, K. A., & Shackman, A. J. (2021). Neuroticism/negative emotionality is associated with increased reactivity to uncertain threat in the bed nucleus of the stria terminalis. Poster presented at the annual meeting of the *Society for Neuroscience*, Virtual Meeting.
35. Kim, H. C., Smith, J. F., Islam, S., Anderson, A. S., Kaplan, C. M., DeYoung, K. A., **Grogans, S. E.**, Fox, A. S., Bradford, D., Curtin, J., Shackman, A. J. (2021). The role of central extended amygdala in acute nicotine abstinence. Poster presented at the annual meeting of the *Society for Neuroscience*, Virtual Meeting.
34. Anderson, A. S., DeYoung, K. A., Islam, S., **Grogans, S. E.**, Wedlock, J., Barstead, M. G., & Shackman, A. J. (2021). BIPOC Undergraduate Students Experiences with Microaggressions and Discrimination: Prevalence and Associations with Mental Illness. Poster presented at the annual meeting of the *Society for Research in Psychopathology*, Virtual Meeting.
33. Anderson, A. S., **Grogans, S.**, Wedlock, J., DeYoung, K. A., & Shackman, A. J. (2021). Microaggressions experienced by Black undergraduates across the United States: risk and resilience. Poster presented at the annual meeting of the *Association for Behavioral and Cognitive Therapies*, Virtual Meeting.
32. Newsome, P.\*, **Grogans, S. E.\***, Barstead, M. G., Wedlock, J., DeYoung, K. A., & Shackman, A. J. (2021). Dispositional negativity and intolerance of uncertainty: the real-world consequences of temperament. Poster presented at the annual meeting of the *Association for Psychological Science*, Virtual Convention.
31. Baez, L., **Grogans, S. E.**, Anderson, A. S., Islam, S., DeYoung, K. A.\*, Conway, C. C., Heller, A. S.\*, & Shackman, A. J.\* (2021). Using affective dynamics to predict dysphoria over 30 months: A partial least squares regression analysis. Poster presented at the annual meeting of the *Wisconsin Symposium on Emotion – HealthEmotions Research Institute*, Virtual Symposium.
30. **Grogans, S. E.**, Hur, J., Anderson, A. S., Islam, S. Kuhn, M., Tillman, R. M., Fox, A. S., Smith, J. F.\*, DeYoung, K. A.\*, & Shackman, A. J.\* (2021). Higher neuroticism/negative emotionality is associated with elevated activation in the bed nucleus of the stria terminalis during uncertain threat anticipation. Poster presented at the annual meeting of the *Wisconsin Symposium on Emotion – HealthEmotions Research Institute*, Virtual Symposium.

29. Boumaiz, Y.\*, Rogers, M.\*, **Grogans, S.**, Kim, H. C., & Shackman, A. (2020). Neuroticism predicts negative reinforcement tobacco smoking motives. Poster presented at *Undergraduate Research Day*, College Park, MD.
28. Wedlock, J. C., Craig, L. E., Hur, J., **Grogans, S. E.**, DeYoung, K. A., & Shackman, A. J. (2020). The mediating effect of social support on the relationship between intolerance of uncertainty and social anxiety. Poster presented at the annual meeting of the *American Psychological Association*, Washington, DC.
27. Eisenberg, D. P., Kohn, P. K., Hegarty, C., Smith, N. R., **Grogans, S. E.**, Apud, J., & Berman, K. F. (2019). Negative symptoms and striatal dopamine synthesis capacity in schizophrenia. Poster presented at the annual meeting of the *American College of Neuropsychopharmacology*, Orlando, FL.
26. Smith, N. R., Eisenberg, D. P., Gregory, M. D., Kohn, P. K., **Grogans, S. E.**, & Berman, K. F. (2019). Neuroticism polygenic association score and dopaminergic systems correlates: Investigations with [18F]-FDOPA, [11C]NNC-112, and [18F]fallypride PET. Poster presented at the annual meeting of the *American College of Neuropsychopharmacology*, Orlando, FL.
25. Sorcher, L. K., Nash, T. A., Kippenhan, J. S., **Grogans, S. E.**, Kuhney, F. S., Hamborg, M. R., Gregory, M. D., Eisenberg, D. P., Kohn, P. K., Mervis, C. B., & Berman, K. F. (2019). Developmental trajectories of white matter integrity in children with Williams syndrome. Poster presented at the annual meeting of the *Flux Society*, New York, NY.
24. Smith, N. R., Eisenberg, D. P., Kohn, P., **Grogans, S.**, Dickinson, D., & Berman, K. F. (2019). Neuroticism personality traits are correlated with dopaminergic activity as measured by [<sup>18</sup>F]-FDOPA PET. Poster presented at the annual meeting of the *Society of Biological Psychiatry*, Chicago, IL.
23. Grassy, A. K., Nash, T. A., Kippenhan, J. S., **Grogans, S. E.**, Kuhney, F. S., Sorcher, L. K., Hamborg, M. R., Kittleson, A. R., Padilla, L. E., Elliott, S. L., Eisenberg, D. P., Gregory, M. D., Kohn, P. D., Berkson, J. G., Mervis, C. B., & Berman, K. F. (2019). The NIMH longitudinal study of children with 7q11.23 CNVs: Multimodal investigation of the neural correlates of anxiety in children with Williams syndrome. Poster presented at the *NIMH-NHLBI Heart and Soul Workshop*, Bethesda, MD.
22. Hamborg, M. R., Kuhney, F. S., Kippenhan, J. S., Gregory, M. D., Nash, T. A., Kohn, P. D., Eisenberg, D. P., Sorcher, L. K., **Grogans, S. E.**, Grassy, A., Kittleson, A., Mervis, C. B., & Berman, K. F. (2019). The NIMH longitudinal study of children with 7q11.23 CNVs: Developmental trajectories of hippocampal and amygdalar volumes in children with Williams syndrome. Poster presented at the *NIMH-NHLBI Heart and Soul Workshop*, Bethesda, MD.
21. Kippenhan, J. S., Nash, T. A., Gregory, M. D., Kohn, P. D., Eisenberg, D. P., Czarapata, J., Wei, S., Reding, K., **Grogans, S. E.**, Kuhney, F. S., Hamborg, M. R., Elliott, S., Padilla, L., Sorcher, L. K., Grassy, A. K., Kittleson, D., Berkson, J., Mervis, C. B., & Berman, K. F. (2019). The NIMH longitudinal study of children with 7q11.23 CNVs: Multimodal developmental modeling of brain structure, function, and connectivity. Poster presented at the *NIMH-NHLBI Heart and Soul Workshop*, Bethesda, MD.
20. Kittleson, A. R., Nash, T. A., Jabbi, M., Kippenhan, J. S., Gregory, M. D., **Grogans, S. E.**, Kuhney, F. S., Sorcher, L. K., Hamborg, M., Grassy, A., Elliott, S., Padilla, L., Eisenberg, D., Kohn, P. D., Czarapata, J., Berkson, J. G., Mervis, C. B., & Berman, K. F. (2019). The NIMH longitudinal study of children with 7q11.23 CNVs: Multimodal investigation of the neural correlates of social cognition in Williams

syndrome and 7q11.23 duplication syndrome. Poster presented at the *NIMH-NHLBI Heart and Soul Workshop*, Bethesda, MD.

19. Nash, T. A., Kippenhan, J. S., Gregory, M. D., Kohn, P. D., **Grogans, S. E.**, Kuhney, F. S., Sorcher, L. K., Hamborg, M. R., Elliott, S., Padilla, L., Grassy, A. K., Kittleson, A., Berkson, J., Eisenberg, D. P., Mervis, C. B., & Berman, K. F. (2019). The NIMH longitudinal study of children with 7q11.23 CNVs: An overview. Poster presented at the *NIMH-NHLBI Heart and Soul Workshop*, Bethesda, MD.
18. Sorcher, L. K., Nash, T. A., Kippenhan, J. S., **Grogans, S. E.**, Kuhney, F. S., Hamborg, M. R., Elliott, S. L., Grassy, A. K., Kittleson, A. R., Padilla, L. E., Gregory, M. D., Eisenberg, D. P., Kohn, P. D., Czarapata, J. B., Berkson, J. G., Mervis, C. B., & Berman, K. F. (2019). The NIMH longitudinal study of children with 7q11.23 CNVs: Multimodal investigation of the neural correlates of visuospatial construction impairments. Poster presented at the *NIMH-NHLBI Heart and Soul Workshop*, Bethesda, MD.
17. **Grogans, S. E.**, Reding, K. M., Wei, S., Elliott, S. L., Padilla, L. E., Martinez, P. E., Robinson, E. D., Nash, T. A., Kohn, P. D., Nieman, L. K., Yanovski, J. A., Schmidt, P. J., Berman, K. F. (2018). Neurodevelopment of aversive face processing during puberty: Changes in fronto-amygdalar effective connectivity. Poster presented at the annual meeting of the *American College of Neuropsychopharmacology*, Hollywood, FL.
16. Teeffe, E., Gregory, M., Kippenhan, J. S., Nash, T., **Grogans, S.**, Elliott, S., Kuhney, F., Eisenberg, D., Mervis, C. B., & Berman, K. F. (2018). Differences in brain myelination patterns associated with 7q11.23 copy number variations. Poster presented at the annual meeting of the *American College of Neuropsychopharmacology*, Hollywood, FL.
15. **Grogans, S. E.**, Reding, K. M., Gregory, M. D., Wei, S., Barone, J. C., Boroshok, A. L., Elliott, S. L., Padilla, L. E., Martinez, P. E., Robinson, E. D., Nash, T. A., Kohn, P. D., Nieman, L. K., Yanovski, J. A., Schmidt, P. J., Berman, K. F. (2018). Influences of pubertal status on neurodevelopment of affective face processing. Poster presented at the annual *NIMH Scientific Training Day*, Washington, DC.
14. Kippenhan, J. S., Gregory, M. D., Nash, T., Prabhakaran, R., Mervis, C. B., Eisenberg, D. P., Ravindranath, O., Currin, D., **Grogans, S.**, O'Brien, M., Kohn, P., & Berman, K. F. (2018). Connectivity impacted by copy-number variation in the Williams syndrome critical chromosomal region 7q11.23. Poster presented at the annual meeting of the *Organization for Human Brain Mapping*, Singapore.
13. Currin, D. L., Nash, T. A., Jabbi, M., Eisenberg, D. P., Gregory, M. D., Roe, K., Prabhakaran, R., Carrasco, J., Ravindranath, O., **Grogans, S. E.**, O'Brien, M. M., Kuhney, F. S., Kippenhan, J. S., Kohn, P. K., Martin, A., Mervis, C. B., & Berman, K. F. (2018). Neural correlates of abstract social cognition in Williams syndrome and 7q11.23 Duplication syndrome. Poster presented at the annual meeting of the *Society of Biological Psychiatry*, New York City, NY.
12. **Grogans, S. E.**, Reding, K. M., Gregory, M. D., Wei, S., Barone, J. C., Boroshok, A. L., Elliott, S. L., Padilla, L. E., Martinez, P. E., Robinson, E. D., Nash, T. A., Kohn, P. D., Nieman, L. K., Yanovski, J. A., Schmidt, P. J., Berman, K. F. (2018). Influences of pubertal status on neurodevelopment of affective face processing. Poster presented at the annual meeting of the *Society of Biological Psychiatry*, New York City, NY.
11. Kuhney, F. S., Kippenhan, J. S., Reding, K. M., Nash, T. A., Jabbi, M., Gregory, M. D., O'Brien, M. M., Currin, D. L., **Grogans, S. E.**, Kohn, P. D., Mervis, C. B., & Berman, K. F. (2018). Alterations in relative hippocampus and amygdala volume and developmental trajectories in Williams syndrome. Poster presented at the annual meeting of the *Society of Biological Psychiatry*, New York City, NY.

10. Teefe, E., Gregory, M., Kippenhan, J. S., Nash, T., Currin, D., O'Brien, M., **Grogans, S. E.**, Boroshok, A., Elliott, S., Kuhney, F., Eisenberg, D., Mervis, C. B., & Berman, K. F. (2018). 7q11.23 copy number variation impacts white matter microstructure as measured by mcDESPOT. Poster presented at the annual meeting of the *Society of Biological Psychiatry*, New York City, NY.
9. Currin, D., Nash, T., Jabbi, M., Eisenberg, D., Gregory, M., Roe, K., Prabhakaran, R., Carrasco, J., Ravindranath, O., **Grogans, S. E.**, O'Brien, M., Kippenhan, J. S., Kohn, P., Martin, A., Mervis, C. B., & Berman, K. F. (2017). Neural correlates of abstract social cognition in Williams syndrome and 7q11.23 duplication syndrome. Poster presented at the annual meeting of the *Society for Neuroscience*, Washington, DC.
8. **Grogans, S. E.**, Rasetti, R., Gregory, M., Kolachana, B., Hegarty, C. E., Ianni, A. M., Kohn, P., Callicott, J. H., Weinberger, D. R., Eisenberg, D. P., & Berman, K. F. (2017). Association of hippocampal D<sub>1</sub>/D<sub>2</sub> receptor availability and neural activity during implicit encoding. Poster presented at the annual meeting of the *Society for Neuroscience*, Washington, DC.
7. Kippenhan, J. S., Gregory, M. D., Nash, T., Prabhakaran, R., Mervis, C. B., Eisenberg, D. P., Ravindranath, O., Currin, D., **Grogans, S. E.**, O'Brien, M., Kohn, P., & Berman, K. F. (2017). Copy-number variation in the Williams syndrome critical chromosomal region 7q11.23 impacts resting-state functional connectivity and associated structural connectivity measured with DTI tractography. Poster presented at the annual meeting of the *Society for Neuroscience*, Washington, DC.
6. **Grogans, S. E.**, Nash, T. A., Ravindranath, O., O'Brien, M. M., Currin, D., Kippenhan, J. S., Kohn, P., Eisenberg, D. P., Gregory, M. D., Mervis, C. B., & Berman, K. F. (2017). White matter microarchitecture in children with 7q11.23 duplication syndrome. Poster presented at the annual *NIH Research Festival*, Bethesda, MD.
5. O'Brien, M. M., Nash, T. A., Jabbi, M., Gregory, M. D., Ravindranath, O., Currin, D. L., **Grogans, S. E.**, Kippenhan, J. S., Kohn, P. D., Eisenberg, D. P., Mervis, C. B., & Berman, K. F. (2017). Neural substrates of gustatory emotion processing in children with Williams syndrome and 7q11.23 duplication syndrome. Poster presented at the annual meeting of the *Flux Society*, Portland, OR.
4. **Grogans, S. E.**, Nash, T. A., Ravindranath, O., O'Brien, M. M., Currin, D., Kippenhan, J. S., Kohn, P., Eisenberg, D. P., Gregory, M. D., Mervis, C. B., & Berman, K. F. (2017). White matter microarchitecture in children with 7q11.23 duplication syndrome. Poster presented at the annual *NIMH Scientific Training Day*, Leesburg, VA.
3. **Grogans, S. E.**, Nash, T. A., Ravindranath, O., O'Brien, M. M., Currin, D., Kippenhan, J. S., Kohn, P., Eisenberg, D. P., Gregory, M. D., Mervis, C. B., & Berman, K. F. (2017). White matter microarchitecture in children with 7q11.23 duplication syndrome. Poster presented at the annual meeting of the *Society of Biological Psychiatry*, San Diego, CA.
2. Ravindranath, O., Nash, T. A., Gregory, M. D., Reding, K. M., Wei, S., Roe, K., **Grogans, S. E.**, Currin, D. L., O'Brien, M. M., Zawadzki, M. E., Barone, J. C., Boroshok, A. L., Martinez, P. E., Kohn, P. D., Kippenhan, J. S., Eisenberg, D. P., Schmidt, P. J., Mervis, C. B., & Berman, K. F. (2017). Neurogenetic correlates of face processing in children with 7q11.23 copy number variation. Poster presented at the annual meeting of the *Society of Biological Psychiatry*, San Diego, CA.
1. Kelley, N. J., Quinn, M. E., Glazer, J. E., Pornpattananangkul, N., **Grogans, S. E.**, Nadig, A. G., & Nusslock, R. (2016). Executive control for positive information mediates the relationship between self-

reported behavioral approach sensitivity and reward related neural activation. Poster presented at the annual meeting of the *Society for Research in Psychopathology*, Baltimore, MD.

\* co-first author | † co-senior author | underlined: student for whom I served as primary mentor

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## RESEARCH EXPERIENCE

2019-present

### **Doctoral Student**

Affective and Translational Research Laboratory, Department of Psychology, University of Maryland

Mentor: Alexander Shackman, PhD

- Preprocessing and analyzing functional MRI (fMRI), skin conductance response (SCR), smartphone ecological momentary assessment (EMA), clinical interview, and questionnaire data
- Designing and co-leading weekly undergraduate lab meetings and journal clubs
- (2020-2022): Managed lab budget, inventory, participant compensation, and purchase orders
- Preparing and cleaning data structures for open sharing on the NIH National Data Archive
- Developing easy-to-use data infrastructure to facilitate future data analysis
- Mentoring undergraduate students in all aspects of preparing their senior thesis or undergraduate research posters
- Training research assistants and junior graduate students in lab procedures and task-relevant skills (e.g., extracting imaging metrics from a region-of-interest; creating a binarized image mask; creating manuscript-quality figures in R, Adobe Illustrator, MRICroGL, MRICron)
- Serving as a statistical consultant for junior lab members and mentoring their project design/analyses
- Preparing findings for presentation and publication

2016-2019

### **Post-baccalaureate Research Fellow, Intramural Research Training Awardee (IRTA)**

Section on Integrative Neuroimaging, National Institute of Mental Health

Mentor: Karen F. Berman, MD

- Collecting and analyzing structural and functional MRI data on children with Williams syndrome and 7q11.23 Duplication syndrome to better understand the interplay of genetics and other developmental factors
- Collecting and analyzing structural and functional MRI data on children ages 8-18 to elucidate the effects of puberty on neurodevelopment
- Collecting and analyzing MRI, fMRI, and positron emission tomography (PET) data on adults with schizophrenia and related psychotic disorders during a double-blind, medication withdrawal study
- Processing and analyzing PET data from a longitudinal cohort of adults with Gaucher's and Parkinson's disease and their affected and unaffected relatives with the goal of identifying who will go on to develop either condition
- Coordinating the scheduling of healthy controls across six different protocols

2015-2016

### **Laboratory Manager**

Affective & Clinical Neuroscience Laboratory, Northwestern University

Mentor: Robin Nusslock, PhD

- Coordinated the scheduling of electroencephalography (EEG) participants and research assistants
- Led in training new research assistants, particularly in EEG protocol and data cleaning procedures
- Oversaw participant payment for EEG studies
- Managed the lab's inventory and the purchasing of new supplies
- Organized weekly lab meetings and coordinate undergraduate or graduate presenters for each
- Regularly updated the laboratory website

- All previous responsibilities held in the Research Assistant position

2014-2015

### **Research Assistant**

Affective & Clinical Neuroscience Laboratory, Northwestern University

Mentor: Robin Nusslock, PhD

- Received a Northwestern Summer Undergraduate Research Grant to spearhead an individual project examining the relationship between reward-reactivity and gratification delay using EEG
- Administered physiological, behavioral sessions for an NIMH-funded longitudinal study on the neural circuitry underlying threat and reward processing, with an aim to better understand the changes in emotional well-being and brain development that occur during the transition from adolescence to adulthood
- Assisted with MRI sessions for the same longitudinal study
- Led sessions for other EEG and eye-tracking studies pertaining to reward-related circuitry, and the relationships that exist between reward-reactivity, gratification delay, and impulsivity
- Trained new research assistants on behavioral protocols for EEG and NIMH-funded studies
- Gained extensive experience processing EEG data using Neuroscan software and the EEGLab toolbox for MATLAB
- Presented to undergraduate students, graduate students, and faculty on relevant neuroscience research

2013, 2014

### **Summer Research Assistant**

Center for Interdisciplinary Exploration & Research in Astrophysics, Northwestern University

Mentor: Melville Ulmer, PhD

- Received a NASA Summer Undergraduate Research Grant for two consecutive summers to support contributions to the lab
- Collaborated to find more efficient ways to coat astronomical mirrors using sputtering chambers
- Analyzed thin film depth and composition using profilometry and electron microscopy, respectively
- Coded custom NI LabView programs to automate a sputtering deposition system to shut off safely
- Presented progress at weekly meetings & delivered a final report

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## **SPECIALIZED RESEARCH & STATISTICAL TRAINING**

2025

### **Machine Learning Essentials**

Instats

*Virtual one-hour refresher on machine learning approaches*

2024

### **Introduction to Machine Learning in R**

The Center for Integrated Latent Variable Research, University of Maryland

*Virtual two-day workshop*

2023

### **Designing Ambulatory Assessments**

Pittsburgh Summer Methodology Series

*Virtual two-day workshop*

2022

### **Longitudinal Multilevel Modeling in R**

Pittsburgh Summer Methodology Series

*Virtual three-day workshop*

- 2021 **fMRI: A Five-Day Intensive Introduction**  
Athinoula A. Martinos Center for Biomedical Imaging  
*Virtual week-long workshop*
- 2020 **Applied Machine Learning in R**  
Pittsburgh Summer Methods Series  
*Virtual week-long workshop*
- 2020 **Structural Equation Modeling: A First & Second Course**  
The Center for Integrated Latent Variable Research, University of Maryland  
*Virtual week-long workshop*
- 2016, 2019 **AFNI Neuroimaging Bootcamp**  
National Institutes of Health (NIH)  
*Week-long neuroimaging workshops*

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## KEY SKILLS

**Programming:** R, MATLAB, Python, NI Labview, Tcsh/Bash

**Data Acquisition & Analysis:** AFNI, SPSS, SPM12, ITK-Snap, Neuroscan, ePrime, Excel, JASP, R

**Graphics:** Adobe Illustrator, Adobe Photoshop, MRICroGL, MRIcron, FSLview

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## SELECT CLINICAL TRAINING WORKSHOPS

- 2021-2024 **Implementing Parent-Child Interaction Training for Selective Mutism**  
Brighter Outlook Cognitive Behavior Therapy & Anxiety Treatment Center of Maryland  
Instructors: Veronica Raggi, PhD; Kelly O'Brien, PhD; Courtney Keeton, PhD  
*Two hour annual review training in the application of Parent-Child Interaction Training for Selective Mutism (PCIT-SM); included role-plays and practice identifying and implementing appropriate exposures in preparation for participation in a week-long intensive outpatient summer camp for youth with selective mutism*
- 2024 **Flexible and Responsive Treatment Planning for Racism-Related Stress**  
University of Maryland Clinical Psychology Doctoral Program  
Lecturer: Ryan DeLapp, PhD  
*Learned about the Racial, Ethnic, and Cultural Healing Unifying Principles (or REACH UP) framework; learned about the potential mental health impacts of systemic, cultural, and interpersonal forms of racism on BIPOC, was introduced to assessment materials for evaluating these impacts, and received recommendations on how to incorporate evidence-based interventions rooted in CBT, DBT, and ACT to address the psychological impacts of racism-related stress*
- 2023 **The Anti-Oppression Institute for Clinicians**  
University of Maryland Clinical Psychology Doctoral Program  
Instructor: Skyler Jackson, PhD  
*Three-day short course in which I analyzed how social identities impact various aspects of my clinical training and therapy work; Gained experience in addressing racism, microaggressions, discrimination, and other forms of prejudice in therapy*
- 2022 **Fundamentals of Consultation and Supervision Practicum**  
University of Maryland Clinical Psychology Doctoral Program  
Supervision: M. Colleen Byrne, PhD

*Learned processes of supervision related to ethics, diversity, professionalism, and self-care; Learned models and applications of consultation services, and practiced consulting with current clients' other providers*

- 2021 **Parent-Child Interaction Training for Selective Mutism (PCIT-SM) 101**  
Selective Mutism University by Kurtz Psychology  
*Completed a 4-hour certificate on best practices in implementing Parent-Child Interaction Training for Selective Mutism (PCIT-SM) as preparation for participation in a week-long intensive outpatient treatment camp*
- 2021 **Diversity Training Practicum**  
University of Maryland Clinical Psychology Doctoral Program  
Supervisor: CJ Seitz-Brown, PhD  
*Received diversity training for clinical work, with a particular focus on therapy with ethno-racial minority patients; Explored and reflected on my own identities, cultural background, and privilege, along with their impacts on the therapeutic relationship process and my own clinical work; Practiced generating cultural conversations in therapy and applying the Multicultural Competent Clinical Framework (MECA) to clinical work with my patients; Received weekly supervision and feedback on the application of MECA.*
- 2021 **Affirmative Therapy Approaches with Trans and Nonbinary Clients**  
University of Maryland Clinical Psychology Doctoral Program  
Lecturer: Em Matsuno, PhD  
*Learned about trans affirmative clinical practices in individual therapy and various clinical settings*
- 2020 **Telepsychology Best Practices 101: Clinical Evaluation and Care, Segments 1-3**  
American Psychological Association (APA)  
*Three, 2-hour courses (6 hours total) on best practices in telepsychology following the onset of the COVID-19 pandemic*
- 2018 **Crisis Counselor Intervention Training**  
Crisis Text Line  
*Intensive training course (30 hours) on effectively and empathetically implementing crisis intervention*

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## CLINICAL EXPERIENCE

- June 2025-June 2026 **Clinical Intern, Adult Psychopathology Track**  
Department of Psychiatry and Behavioral Health, The Ohio State University Wexner Medical Center  
Columbus, OH  
Primary Rotation: Mood, Anxiety, and Mindfulness  
Secondary Rotation: Suicide and Trauma Reduction Initiative for Veterans (STRIVE)
- Aug 2022-May 2025 **Clinical Extern, NIMH Emotion & Development Branch**  
National Institutes of Mental Health  
Bethesda, MD  
Supervisors: Erin Berman, PhD; Miryam Kiderman, PsyD (2022-2023)  
Principal Investigators: Daniel Pine, MD; Melissa Brotman, PhD
- ~16 hours per week, divided approximately evenly between two sections of the Emotion and Development Branch: Section on Development and Affective Neuroscience (SDAN; PI: Daniel Pine, MD) and Neuroscience and Novel Therapeutics Unit (NNT; Melissa Brotman, PhD)



### Intervention

- Administering evidence-based treatment approaches (e.g., cognitive-behavioral therapy/CBT with exposures) for anxiety disorders in children and adolescents
- Implementing the Supportive Parenting for Anxious Childhood Emotions (SPACE) Program for parents when appropriate
- Incorporating aspects of mindfulness and Acceptance and Commitment Therapy (ACT) into treatment when appropriate
- Gaining exposure to conceptualizing and treating youth ages 8-18 with a variety of complex clinical presentations—including children and adolescents experiencing Generalized Anxiety Disorder, Separation Anxiety Disorder, Social Anxiety Disorder, Specific Phobia, Selective Mutism, and Obsessive Compulsive Disorder—in an outpatient research setting
- Summary: Children/Adolescents; Parents; CBT, Exposure, Mindfulness, ACT, SPACE

### Assessment

- Administering Wechsler Abbreviated Scale of Intelligence (WASI) and other clinical assessment measures, including the Kiddie Schedule for Affective Disorders and Schizophrenia (KSADS) and Pediatric Anxiety Rating Scale (PARS)
- Conducting 45-60 minute phone screens using a study-modified KSADS to parent to preliminarily determine child's study eligibility
- Gaining exposure to diagnosing, assessing, and conceptualizing clinical irritability in youth, primarily among youth experiencing Attention-Deficit/Hyperactivity Disorder (ADHD) and Disruptive Mood Dysregulation Disorder (DMDD).
- Summary: Children/Adolescents; KSADS, PARS, WASI

### Supervision/Training

- Receiving weekly supervision with licensed psychologists
- Presenting phone screen cases in weekly group supervision to facilitate consensus on preliminary study eligibility and possible diagnoses
- Attending weekly clinical rounds to discuss patient progress and receive feedback
- Attending weekly clinical and research didactics hosted by the branch
- Training research assistants in WASI administration
- Training new clinical externs in study screening and clinical interview procedures
- Mentoring research assistants applying to graduate school in clinical psychology
- Conducting clinically relevant research under the mentorship of a clinical psychologist; this work focuses on the relationship between behavioral inhibition, self-efficacy, and youth anxiety symptoms

June 2022-Sept 2022 **Graduate Student Peer Supervisor, *University of Maryland Psychology Clinic***

University of Maryland Clinical Psychology Doctoral Program

College Park, MD

Supervisor: M. Colleen Byrne, PhD

### Supervision/Training:

- Provided weekly peer supervision to clinical psychology doctoral students during their first year of clinical training; included supervision on case formulation, assessment battery selection, assessment and intake administration, treatment planning, and non-specific therapy skills
- Received weekly individual and/or group supervision

Mar 2022-June 2023 **Diagnostic Interviewer, *Big Emotions Across Development Laboratory***

Department of Psychology, University of Maryland

College Park, MD

Supervisor & Principal Investigator: Lea Dougherty, PhD

Assessment:

- Administering a study-specific version of the Structured Clinical Interview for DSM-5 Disorders (SCID-5) to research participants via telehealth
- Presenting cases in weekly group supervision to facilitate diagnostic consensus
- Summary: Adults; SCID-5

Aug 2021-Aug 2024 **Counselor, *Kids Out Loud Therapy Summer Camp – previously Cool, Confident, and Courageous Group for Selective Mutism***

Brighter Outlook Cognitive Behavioral Therapy & The Anxiety Treatment Center of Maryland

Bethesda, MD; Potomac, MD

Supervisors: Veronica Raggi, PhD; Courtney Keeton, PhD (2023-2024); Kelly O'Brien (2021-2022)

Intervention:

- Implemented a week-long intensive behavioral program for young children (ages 4-7) with Selective Mutism in a naturalistic summer day-camp setting
- Interventions leveraged exposure and Parent Child Interaction Training for Selective Mutism (PCIT-SM)
- Gained some exposure to working with older children (age 11-12) with Selective Mutism, with intervention focusing on exposure
- Completed daily assessments of symptom change and brief written reports of growth/challenges
- Received live supervision as well as daily group supervision
- Summary: Children; Parents; PCIT-SM; Exposure

July 2021-June 2022 **Coach, *SUCCEEDS College ADHD Clinic***

University of Maryland “Students Understanding College Choices/Encouraging & Executing Decisions for Success” (SUCCEEDS) College ADHD Clinic  
College Park, MD

Supervisor: Andrea Chronis-Tuscano, PhD

Intervention:

- Provided evidence-based therapy within a cognitive-behavioral framework for college students with ADHD and common comorbidities, including anxiety and depression
- Coached college students with ADHD through the use of organizational skills necessary to their academic success
- Receive weekly group and/or individual supervision and individual video tape review
- Summary: Adults; CBT, Organization Skills Training (OST), Behavioral Activation, Motivational Interviewing

Jan 2021-June 2023 **Graduate Student Evaluator, *University of Maryland Psychology Clinic***

University of Maryland Clinical Psychology Doctoral Program  
College Park, MD

Supervisors: M. Colleen Byrne, PhD; Michael Guilbault, PhD

Assessment:

- Conducted comprehensive psychoeducational evaluations with children, adolescents, and adults presenting with learning, emotional, and behavioral difficulties
- Conducted structured diagnostic interviews with parents and youth; administered cognitive, achievement and neuropsychological measures; scored and interpreted data; formulated case conceptualizations; wrote integrated assessment reports; provided feedback to families, which included discussing diagnoses, functional impairment, treatment recommendations and academic accommodations

- Received weekly group supervision for testing and individual supervision for report writing

#### Measures Administered:

Diagnostic Interviews: Structured Clinical Interview for DSM-5 (SCID-5); Kiddie Schedule for Affective Disorders and Schizophrenia for DSM-5 (KSADS-5); Modified Kidde Schedule for Affective Disorders and Schizophrenia for DSM-IV (Modified KSADS-IV)

Assessment Batteries: Wechsler Intelligence Scale for Children – Fifth Edition (WISC-V); Woodcock Johnson IV Test of Achievement (WJ-IV); Wechsler Adult Intelligence Scale – Fourth Edition (WAIS-IV); Wechsler Intelligence Achievement Test – Third Edition (WIAT – III); Wechsler Intelligence Achievement Test – Fourth Edition (WIAT-IV)

Domain Specific: The Conners' Continuous Performance Test (CPT-3)

Rating & Belief Scales: Acceptance and Action Questionnaire for Trichotillomania (AAQ-4TTM); Adult ADHD Self-Report Scale (ASRS) Symptom Checklist; Barkley Adult ADHD Rating Scale–IV (BAARS–IV); Clinically Useful Depression Outcome Scale (CUDOS); Columbia-Suicide Severity Rating Scale (C-SSRS); Conner's Adult ADHD Rating Scale (CAARS)—Self- and Observer-Report; Disruptive Behavior Disorders – Parent Report (DBD); Eating Disorder Examination – Questionnaire Short (EDE-QS); Generalized Anxiety Disorder 7-item (GAD-7) Scale; Patient Health Questionnaire–9 (PHQ-9); Personality Inventory for DSM-5–Brief Form (PID-5-BF); Personality Beliefs Questionnaire Short Form (PBQ-SF); PTSD Checklist for DSM-5 (PCL-5); Revised Children's Anxiety and Depression Scale–Child- and Parent-Report (RCADS); Schwartz Outcome Scale–10 (SOS-10); Vanderbilt Assessment Scale—Parent- and Teacher-Report; Yale Brown Obsessive-Compulsive Scale (Y-BOCS)

June 2020-Aug 2023 **Graduate Student Therapist, *University of Maryland Psychology Clinic***

University of Maryland Clinical Psychology Doctoral Program

College Park, MD

Supervisors: M. Colleen Byrne, PhD; Karen Schwartz, PhD; CJ Seitz-Brown, PhD; Jessica Magidson, PhD

#### Intervention:

- Provided evidence-based therapy within a cognitive-behavioral framework for children, adolescents, and adults experiencing a range of psychological difficulties including depression, anxiety, ADHD, phobia, OCD, trichotillomania, low self-esteem, disordered eating, and emotion dysregulation
- Received weekly group and/or individual supervision and individual video tape review
- Summary: Adults, Children/Adolescents; CBT, ACT, DBT, Organization Skills Training (OST), Behavioral Activation, Motivational Interviewing, Mindfulness, Exposure (for Social Anxiety Disorder and Specific Phobia), Exposure & Response Prevention (ERP), and Parent Training skills drawn from PCIT

## **Other Clinical Experiences**

Feb 2023, Jan 2024 **Camp Counselor, *Online OCD Camp for Youth***

International OCD Foundation

*Two-day virtual camp held via videoconference; Led small group discussions and psychoeducational activities focused on how the anxiety & OCD cycles work and how Exposure & Response Prevention (ERP) can help; audience was 12-14 year olds with OCD*

Mar 2018-Mar 2021 **Crisis Counselor, *Crisis Text Line***

Crisis Text Line

*Provided real-time support to individuals in heightened mental or emotional states through reflective listening, collaborative problem solving, and safety planning*

- Sept 2016-July 2019 **Trainee, *Schizophrenia Clinical Program***  
Clinical & Translational Neuroscience Branch, National Institute of Mental Health  
Supervisor: Ann Reifman, PhD  
*Participated in group sessions (e.g., music group, cooking group) two times per week with adults with schizophrenia and related psychotic-spectrum disorders; Engaged with individuals from the inpatient unit in informal as well as clinical settings, including community outings to local museums; Received ongoing weekly didactics related to clinical practices and research related to psychosis; Administered a study-specific version of the SCID-IV to incoming patients with live supervision from a staff psychologist; Attended weekly interdisciplinary case conferences*
- July 2016-July 2019 **Postbaccalaureate Research Fellow, *Section on Integrative Neuroimaging***  
Clinical & Translational Neuroscience Branch, National Institute of Mental Health  
Principal Investigator: Karen F. Berman, MD  
*Conducted >1,600 hours of MRI and PET scans for patients with schizophrenia and related psychotic disorders, children and adults with Williams syndrome and 7q11.23 Duplication syndrome, and healthy controls; Assuaged anxiety around scanning procedures; trained patients in behavioral and functional MRI tasks*

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## TEACHING ACTIVITIES

### Certification

- 2023-present **University Teaching & Learning Program (UTLP) Associate-Level Certificate (expected Fall 2025)**  
Teaching and Learning Transformation Center, University of Maryland  
*Provides professional development for graduate students and postdoctoral fellows in the area of teaching and learning in higher education. The University Teaching and Learning Program (UTLP) provides formal training in teaching in higher education, including engagement with the following themes: 1) Teaching as research, 2) Learning through diversity, and 3) Learning communities.*

### Honors Thesis Supervision

- 2025-2026 **Graduate Mentor & Primary Supervisor**  
Psychology Honors Program, University of Maryland  
Advisee: Steven Hadad
- 2021-2023 **Graduate Mentor & Primary Supervisor**  
Biology Honors Program, University of Maryland  
Advisee: Tesia Shi

### Courses

- Summer 2022-24 **Graduate Teaching Assistant, *PSYC 437: The Assessment and Treatment of Addictive Behaviors***  
Department of Psychology, University of Maryland  
Format: Online  
Enrollment: 29-32 students  
Instructor: CJ Seitz-Brown, PhD

- Spring 2023      **Graduate Teaching Assistant, *PSYC 210: Personality and Temperament: Developmental Origins, Brain Bases, and Clinical Implications***  
 Department of Psychology, University of Maryland  
Format: In-person  
Enrollment: 38 students  
Instructor: Yi Wei, PhD
- Fall 2022      **Graduate Teaching Assistant, *PSYC 489A: Advanced Special Topics in Psychology: The Nature and Biological Bases of Emotion***  
 Department of Psychology, University of Maryland  
Format: In-person  
Enrollment: 37 students  
Instructor: Alexander Shackman, PhD
- Spring 2022      **Graduate Teaching Assistant, *PSYC 210: Personality and Temperament: Developmental Origins, Brain Bases, and Clinical Implications***  
 Department of Psychology, University of Maryland  
Format: In-person  
Enrollment: 114 students  
Instructor: Alexander Shackman, PhD
- Winter 2022-25      **Graduate Teaching Assistant, *PSYC 437: The Assessment and Treatment of Addictive Behaviors***  
 Department of Psychology, University of Maryland  
Format: Online  
Enrollment: 20-30 students  
Instructor: CJ Seitz-Brown, PhD
- Spring 2020      **Graduate Teaching Assistant, *PSYC 100: Introduction to Psychology***  
 Department of Psychology, University of Maryland  
Format: In-person until March 2020; then online due to COVID-19  
Enrollment: 299 students  
Instructor: Dylan Selterman, PhD  
                  **Instructor for four, one-hour discussion sections**  
                  Enrollment: 120 students (30 students, 4 sections)
- Fall 2019      **Graduate Teaching Assistant, *PSYC 300: Research Methods***  
 Department of Psychology, University of Maryland  
Format: In-person  
Enrollment: 190 students  
Instructor: Edward Bernat, PhD  
                  **Instructor for two, one-hour lab sections teaching statistical concepts and applied analyses using JASP**  
                  Enrollment: 60 students (30 students, 2 sections)

## **Other Lectures, Panels, and Presentations**

- March 2023      **Guest Lecturer, “*Adult Neuroticism/Negative Emotionality (N/NE) and the Role of the Extended Amygdala*”**  
 PSYC 210: Personality and Temperament: Developmental Origins, Brain Bases, and Clinical Implications

April 2022	<b>Invited Panelist, <i>Networking in Neuroscience</i></b> Maryland Neuroscience Society
March 2022	<b>Clinical Psychology Program Case Conceptualization Presentation</b> Clinical Program, Department of Psychology, University of Maryland Grogans, S. E. (2022). Utilizing exposure, habit reversal, and ACT skills to treat a young adult with symptoms of anxiety, trichotillomania, and an unspecified eating disorder: Clinical case presentation. <i>Clinical Program Collaborative Research Initiative Seminar (CRIS)</i> , Department of Psychology, University of Maryland, College Park, MD.
February 2022	<b>Clinical Psychology Research Program Presentation</b> Clinical Program, Department of Psychology, University of Maryland Grogans, S. E. (2022). Understanding the relevance of extended amygdala reactivity to dispositional negativity. <i>Clinical Program Collaborative Research Initiative Seminar (CRIS)</i> , Department of Psychology, University of Maryland, College Park, MD.
December 2021	<b>Guest Lecturer, “<i>Understanding the Relevance of Extended Amygdala Reactivity to Dispositional Negativity</i>”</b> PSYC 409: Topics in Neuroscience Seminar
December 2020	<b>Guest Lecturer, “<i>Neuroticism and the Amygdala: What We Know &amp; What I Want To Find Out</i>”</b> PSYC 409: Topics in Neuroscience Seminar
August 2020	<b>Invited Panelist, <i>Psychology Graduate Student Panel for Undergraduates</i></b> Department of Psychology, University of Maryland
September 2018	<b>“<i>Introduction to Linux &amp; Shell Scripting</i>”</b> Presentation delivered to fellow post-baccalaureate trainees at the <i>NIMH Clinical and Translational Neuroscience Branch</i> , Bethesda, MD

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## PROFESSIONAL SERVICE

### *Ad Hoc* Reviewing

2024	<i>Grey Matters at University of Maryland</i> (Undergraduate-led neuroscience publication)
2024	<i>Communications Psychology</i>
2023	<i>Nature Communications</i>
2022	<i>Advances in Methods and Practices in Psychological Science; Neuroscience and Biobehavioral Reviews; Journal of Consulting and Clinical Psychology</i>
2021	<i>Journal of Neuroscience</i>

### Other Professional Service & Outreach

2023-2024	<b>Social Media Liaison</b> Anxiety and Depression Association of America (ADAA), Early Career & Trainee Special Interest Group <i>Engaged the ADAA Early Career &amp; Trainee Special Interest Group via bi-weekly social media posts promoting upcoming events, conference activities, and relevant research</i>
2022-2024	<b>Mental Health Committee Chair</b> Dean’s Graduate Student Advisory Council

*Spearheaded a small team in the preparation of a report summarizing the findings of a college-wide graduate student mental health survey and composed feasible recommendations for improvement; disseminated these findings to key stakeholders (e.g., Associate Dean)*

- 2022-2024      **PCSAS Student Representative**  
Psychological Clinical Science Accreditation System (PCSAS)  
*Wrote two brief articles (~600 words) per year for submission to the PCSAS student newsletter—topics could range from life in graduate school, clinical training, improving clinical science, issues in the field, etc.; attended twice yearly town halls and disseminated PCSAS news to peers in my program*
- 2022-2024      **Department Representative**  
Dean's Graduate Student Advisory Council & Psychology Graduate Committee  
*Served as a liaison between the college graduate students and the Dean's office, and worked to promote graduate students' interests and address relevant issues (e.g., shuttle routes, campus lighting at night, funding for international students)*
- 2022, 2023      **Editor**  
Application Statement Feedback Program (for Psychology PhD applicants)  
*Provided constructive feedback to psychology PhD applicants on their application materials*
- 2022-present      **Diversity & Inclusion Committee Member**  
University of Maryland Clinical Psychology Doctoral Program  
*Implementing measures to further diversity and inclusion efforts within the clinical program*
- 2021-2022      **Clinical Science Training Committee Member**  
University of Maryland Clinical Psychology Doctoral Program  
*Prepared how-to guides for operating in the campus clinic and organized student-led panels on applying to externship and internship*
- 2021-present      **Mentor**  
NextGen Psych Scholars Program  
*Mentoring 1-2 undergraduates or post-baccalaureates from underrepresented backgrounds as they pursue careers and graduate study in psychology; outreach through campus events*
- 2021      **Student Preparer**  
University of Maryland Clinical Psychology Doctoral Program  
*Assisted with the preparation of the program's self-study for American Psychological Association re-accreditation*

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## SELECT COMMUNITY ENGAGEMENT

- 2018-2020      **Alumni Interviewer**  
Northwestern University Alumni Admission Council  
*Conducted several alumni interviews with Northwestern applicants each year and drafted reports for the admissions committee*
- 2018      **Brain Awareness Week Volunteer**  
National Institute of Mental Health (NIMH)  
*Served as part of NIMH's team who organized brain-related activities and stations for school-age children to visit at the National Museum of Health and Medicine's Brain Awareness Week event*
- 2017-2019      **Project Sunshine Volunteer**  
The Children's Inn at NIH

*Supported children facing medical illness staying at the Children's Inn for an extended period by engaging in activities such as reading and arts and crafts*

2017-2018      **Volunteer Tutor**  
 For Love of Children (FLOC)  
*Tutored middle-schoolers from under-served Washington, D.C. neighborhoods in math and reading weekly, with the aim of facilitating a love of learning*

2017      **Capital Pride Parade Volunteer**  
 Capital Pride Alliance  
*Assisted with parade route set-up, crowd control and safety, and clean-up*

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**PROFESSIONAL AFFILIATIONS**

2025-present      National Register of Health Service Psychologists  
 2024-present      *Society of Clinical Psychology, Section 10*  
 2024-present      *Association for Behavioral and Cognitive Therapies*  
 2024-present      *Society for Research in Psychopathology*  
 2023-present      *Anxiety and Depression Association of America*  
 2023-present      Quant Family Collective  
 2022-present      *Society for Quantitative Methods*  
 2022-2023      *Association for Psychological Science*  
 2022-2023      Phi Kappa Phi Honors Society  
 2019-present      National Center for Faculty Development & Diversity  
 2019-present      University of Maryland Graduate School Society of Fellows  
 2017-2019      *Society for Neuroscience*

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**Professional references available upon request**

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