

Kara L. Kerr, Ph.D.

kara.kerr@okstate.edu

CURRENT POSITIONS

2020- **Associate Professor**, Department of Psychology, Oklahoma State University
2020- **Associate Director of Training**, Oklahoma State University Biomedical Imaging Center

EDUCATION

2017 **Doctor of Philosophy, Clinical Psychology**, The University of Tulsa
Dissertation: *Examining the relationship between anxiety and gastrointestinal function in anorexia nervosa*
2013 **Master of Arts, Clinical Psychology**, The University of Tulsa
2010 **Bachelor of Arts**, Summa Cum Laude, The University of Tulsa
Major: Psychology
Certificate: Women's and Gender Studies
Minor: Sociology

CLINICAL LICENSURE

2020- Health Service Psychologist, State of Oklahoma, License #1353

PROFESSIONAL AFFILIATIONS

American Psychological Association
Flux: The Society for Developmental Cognitive Neuroscience

AWARDS AND HONORS

2019 ABCD Workshop on Brain Development and Mental Health Travel Award
2015 Academy for Eating Disorders Early Career Scholarship
2010-2014 Graduate Student Association Travel Awards
2010-2014 Chapman Distinguished Ph.D. Awards
2012, 2016 Chapman Graduate Scholar Presentation Awards
2011, 2013 Student Research Travel Awards
2010- Phi Beta Kappa
2008- Psi Chi

CLINICAL TRAINING

2018-2020 **Postdoctoral Therapist**, Laureate Institute for Brain Research, Tulsa, OK. Institutional Practice Under Supervision. Supervisor: Robin Aupperle, Ph.D.
2016-2017 **Clinical Psychology Predoctoral Intern**, Indian Health Care Resource Center of Tulsa, Northeastern Oklahoma Psychology Internship Program, Tulsa, OK. APA-accredited pre-doctoral internship.

2015	DBT Skills Group Leader , Pathways Eating Disorders Program, Brookhaven Hospital, Tulsa, OK
2014-2015	Student Therapist , Indian Health Care Resource Center, Tulsa, OK
2014	Student Therapist , Eddie Warrior Correctional Center, Taft, OK
2013	Student Therapist , Eating Disorders Program, Laureate Psychiatric Clinic and Hospital, Tulsa, OK
2012-2014	Clinical Assessment Team Member , Laureate Institute for Brain Research, Tulsa, OK
2012-2013	Student Psychodiagnostician , Pediatric Neuropsychology Associates, Oklahoma City, OK
2011	Student Therapist , The University of Tulsa Counseling and Psychological Services Center, Tulsa, OK

TEACHING

TEACHING POSITIONS

2026-present	Associate Professor , Department of Psychology, Oklahoma State University <u>Courses</u> : Cognitive Psychology (undergraduate); Principles of Neuroscience (undergraduate/graduate)
2020-2026	Assistant Professor , Department of Psychology, Oklahoma State University <u>Courses</u> : Abnormal Psychology (undergraduate); Cognitive Psychology (undergraduate); Principles of Neuroscience (undergraduate/graduate)
2017-2021	Guest Lecturer , Northeastern Oklahoma Psychology Internship Program <u>Topics</u> : Mental Status Examinations; Behavioral Activation for Depression; Dialectical Behavior Therapy Skills Training; Eating Disorder Treatment
2018-2019	Adjunct Professor , Department of Psychology, The University of Tulsa <u>Courses</u> : Cognitive Psychology (undergraduate/graduate); Developmental Psychology (undergraduate)

DISSERTATION COMMITTEES

1. **Bethany Kuhn** (2020; Clinical Psychology, The University of Tulsa), Title: *The effect of diabetes risk on markers of ascending and descending pain processing*
2. **Erin Ratliff** (2021; Human Development and Family Science, OSU), Title: *Investigating the temporal dynamics of parent-adolescent cross-brain connectivity*
3. **Ashley Quigley** (2026; Clinical Psychology, OSU), Title: *Testing the family stress model with Early Head Start families: Examining associations of economic hardships, maternal depression, and parenting practices on externalizing behaviors*
4. **Zsafia Cohen (chair)**, 2026; Clinical Psychology, OSU), Title: *Understanding adolescent mental health: Neural correlates of affect and the role of emotion regulation*

5. **Hannah Appleseth** (proposed; Clinical Psychology, OSU), Title: *Tracing the impact of evolving environmental exposure to tobacco, cannabis, and nicotine smoke and vapor emissions on children's mental health trajectories*
6. **Tianna Etes** (Counseling Psychology, OSU), Title: TBD
7. **Garrett Lorenz** (Biomedical Sciences, OSU-Center for Health Sciences), Title: TBD
8. **Forrest LaFleur** (Biomedical Sciences, OSU-Center for Health Sciences), Title: TBD

THESIS COMMITTEES

1. **Zsofia Cohen** (chair, 2023; Clinical Psychology, OSU), Title: *Do structural changes in brain development mediate the relationship between parent factors and adolescent psychopathology? Evidence from the ABCD® Study*
2. **Katherine Hein** (2023; Clinical Psychology, OSU), Title: *Negative affect changes, emptiness, and interpersonal conflict related to binge eating and borderline personality traits*
3. **Gabriella Atencio** (chair, 2025; Clinical Psychology, OSU), Title: *Early life adversity, pubertal development, and eating disorder symptoms among adolescents: A mediation analysis*
4. **Jennifer Watrous** (2025; Experimental Psychology, OSU), Title: *Protective childhood experiences in the ABCD Study and mental health, prosocial behavior, and executive function: PACES-ABCD*

UNDERGRADUATE HONORS THESIS COMMITTEES

1. **Leslie Garza** (2022; Psychology, OSU), Title: *Effects of sleep quality on stress reactivity*
2. **Abbi Bellatti** (chair, 2023; Psychology, OSU), Title: *Does Greek life increase risk for disordered eating related to alcohol use?*
3. **Anahi Montes** (chair, 2023; Psychology, OSU), Title: *Depressive symptoms in individuals who use cannabis as compared to psychotropic medications*

UNDERGRADUATE INDEPENDENT STUDY (PSYC 4990) STUDENTS

Abbi Bellatti (Fall 2021, Spring 2022)

Rae Robinson (Spring 2022)

Azra Holland (Spring 2023)

Corbin Woosley (Fall 2023-Fall 2024)

Kaitlyn Carlow (Fall 2024)

Mia Halcomb (Spring 2025)

Kaleb Chesher (Spring 2025)

Bailey Tennison (Fall 2025)

Makayla Anderson (Fall 2025)

LaTaja Wright-Rolle (Spring 2026, Fall 2026)

MENTORED STUDENT AWARDS AND HONORS

2025	Emerson Reichert	Honorable Mention, OSU-Tulsa Student Research Day
2025	Emerson Reichert	OSU Psychology November Student of the Month
2025	Gabriella Atencio	ABCD Insights & Innovations Meeting Travel Award

2024	Gabriella Atencio	Remember the Ten Scholarship
2023	Zsofia Cohen	Remember the Ten Scholarship

LOCAL MIDDLE AND HIGH SCHOOLS

2023-2024	Presentations on adolescent brain development at local middle and high schools
2024, 2025	Neuroscience exhibit at the Tulsa Engineering Challenge
2024	Mentorship of Cascia Hall “Minimester” experience (Student: Kate Zenthoefer)

SERVICE

DEPARTMENTAL COMMITTEES

2020-present	Clinical Training Committee
2022-2023	Search Committee, Assistant Professor in Cognitive Development
2023-present	OSU-Tulsa Psychology Curriculum Committee
2024-2025	Search Committee, Department Head
2025	Belongingness Committee
2025-present	Research Committee

OTHER SERVICE

2020-present	OSU Brain Initiative
2021, 2024	Application Reviewer for Outstanding Senior, Department of Psychology
2023-present	Faculty Co-Advisor, OSU-Tulsa Psychology Club
2023-present	Pete’s Pet Posse Handler
2024-present	MRI Safety Committee, OSU Biomedical Imaging Center
2025-present	CIRCA Internal Mentor (Mentee: Chi-Lin Yu)
2025	Reviewer for Flux posters, travel awards, and flash talks

GRANT PEER REVIEW

2022	Ad hoc reviewer, National Science Foundation Cognitive Neuroscience Program
2025	Ad hoc reviewer, National Science Foundation Social Psychology Program
2025	Ad hoc reviewer, National Science Foundation Developmental Sciences Program

SERVICE IN PEER REVIEW

2020-	Consulting Editor , <i>Journal of Research on Adolescence</i>
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Ad hoc reviewer

Adversity and Resilience Science

Assessment

Biological Psychiatry

Biological Psychiatry: Global Open Science

Clinical Child and Family Psychology Review
Cortex
Development and Psychopathology
Developmental Cognitive Neuroscience
Developmental Psychology
Frontiers in Psychiatry
Frontiers in Psychology
International Journal of Eating Disorders
Journal of Psychiatry and Neuroscience
Journal of Research on Adolescence
Physiology & Behavior
NeuroImage
Scientific Reports
Social, Cognitive, and Affective Neuroscience

RESEARCH

PAST POSITIONS

2019-2020	Research Associate , Human Development and Family Sciences, Oklahoma State University
2017-2019	Postdoctoral Fellow , Human Development and Family Sciences, Oklahoma State University Mentor: Amanda Sheffield Morris, Ph.D.
2015-2016	Bellwether Fellow , The University of Tulsa
2011-2016	Graduate Research Assistant , Laureate Institute for Brain Research Mentor: W. Kyle Simmons, Ph.D.
2010-2011	Laboratory Research Supervisor , Psychophysiology Laboratory for Affective Neuroscience, The University of Tulsa Mentor: Jamie L. Rhudy, Ph.D.
2007-2010	Undergraduate Research Assistant , Psychophysiology Laboratory for Affective Neuroscience, The University of Tulsa Mentor: Jamie L. Rhudy, Ph.D.

FUNDING

Ongoing Research Support

2022-2026	Co-Investigator , 10/24 Healthy Brain and Child Development National Consortium (NIH/NIDA grant U01-DA055349-01; Site MPIs: Julie Croff, Jennifer Hays-Grudo, Amanda Sheffield Morris)
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Completed Research Support

2025-2026	Primary Investigator , OSU College of Arts and Sciences Seed Grant. Project title: <i>Investigating the neurobiological bases of parent-child interactions</i>
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2022-2025	Research Project Leader , Center for Integrative Research on Childhood Adversity (NIGMS/NIH Grant P20 GM109097; CoBRE PI: Jennifer Hays-Grudo), \$206,369. Project Title: <i>Dyadic Neurofeedback for Development of Healthy Emotion Regulation in Youth</i> .
2023-2025	Co-Investigator , Adolescent Nutrition and Neurodevelopment in Ghana (Gates Foundation INV-061215). PI: Julie Croff
2021-2022	Primary Investigator , pilot project under the Center for Integrative Research on Childhood Adversity (CIRCA) – Center of Biomedical Research Excellence (NIGMS/NIH grant P20 GM109097; CoBRE PI: Jennifer Hays-Grudo), \$30,955. Project title: <i>Dyadic neurofeedback for emotion regulation in youth with maternal adversity</i> .
2019-2021	Primary Investigator , pilot project under the Neuroscience-Based Mental Health Assessment and Prediction (NeuroMAP) – Center of Biomedical Research Excellence (NIGMS/NIH grant P20 GM121312; PI: Martin Paulus), \$100,000. Project title: <i>Parent-adolescent training on neurofeedback and synchrony</i> .

Submitted Grant Applications Not Funded

2025	<i>Parental Modulation of Adolescent Insula Activity through fMRI Neurofeedback</i> . NIH R01 application. Role: PI
2019	<i>Mother-Child Cross-Brain Connectivity and Adolescent Depressive Symptoms</i> . NIH R01 application. Role: Co-I
2020	<i>Parent-Adolescent Dyadic Neurofeedback for Enhancing Emotion Regulation</i> . NIH K23 application. Role: PI
2022	<i>The Influence of the Parent-Adolescent Relationship on the Neurobiological Bases of Emotion Regulation and Internalizing Symptoms</i> . NIH R01 application. Role: MPI
2024	<i>fMRI-Based Parent Training for Adolescent Emotion Regulation: Reducing Internalizing Symptoms through Dyadic Neurofeedback</i> . R01 application submitted to NIMH BRAINS. Role: PI

PEER REVIEWED PUBLICATIONS

¹Authors contributed equally to work

*Mentored graduate student co-author

**Mentored undergraduate student co-author

1. Edwards, A. B.** & Kerr, K. L. (2026). The roles of sex and Greek life affiliation in food and alcohol disturbance. *Journal of American College Health*.
<https://doi.org/10.1080/07448481.2026.2705284>
2. Cohen, Z. P.*, Breslin, F. J., Kerr, K. L. (2026). White matter volume and cortical thinning predict internalizing symptoms in the Adolescent Brain Cognitive Development (ABCD)® Study. *Journal of Psychopathology and Clinical Science*, 135(2).
<https://doi.org/10.1037/abn0001070>

3. Breslin, F. J., Ratliff, E. L., Cohen, Z. P.*, Croff, J. M., & **Kerr, K. L.** (2025). Measuring adversity in the ABCD® Study: Systematic Review and Recommendations for Best Practices. *BMC Medical Research Methodology*, 25(77), 1-12. <https://doi.org/10.1186/s12874-025-02521-5>
4. Breslin, F. J., **Kerr, K. L.**, Ratliff, E. L., Cohen, Z. P.*, Simmons, W. K., Morris, A. S., & Croff, J. M. (2024). Early life adversity predicts reduced hippocampal volume in the Adolescent Brain Cognitive Development Study. *The Journal of Adolescent Health*, 75(2), 275–280. <https://doi.org/10.1016/j.jadohealth.2024.04.003>
5. Brumback, A. C., Ngiam, W. X. Q., Lapato, D., Allison, D., Daniels, C. L., Dougherty, M., Hazlett, H. F., **Kerr, K. L.**, Pusek, S., & Schrag, N. (2024). Catalyzing communities of research rigor champions. *Brain Communications*, 6(3), fcae120. <https://doi.org/10.1093/braincomms/fcae120>
6. **Kerr, K. L.**, DeVille, D. C., Moseman, S. E., & Simmons, W. K. (2022). Aberrant gastric functioning in weight-restored but not acute restricting-type anorexia nervosa: An electrogastrography study. *International Journal of Eating Disorders*, 55(10), 1384-1389. <https://doi.org/10.1002/eat.23802>
7. **Kerr, K. L.**, Ratliff, E. L., Cohen, Z. P.*, Fuller, S., Cosgrove, K. T., DeVille, D. C., Misaki, M., Morris, A. S., & Bodurka, J. (2022). Real-time functional magnetic resonance imaging dyadic neurofeedback for emotion regulation: A proof-of-concept study. *Frontiers in Human Neuroscience*, 16, 910951. <https://doi.org/10.3389/fnhum.2022.910951>
8. Ratliff, E. L., **Kerr, K. L.**, Cosgrove, K. T., Simmons, W. K., & Morris, A. S. (2022). The role of neurobiological bases of dyadic emotion regulation in the development of psychopathology: Cross-brain associations between parents and children. *Clinical Child and Family Psychology Review*, 25, 5-18. <https://doi.org/10.1007/s10567-022-00380-w>
9. Ratliff, E. L., **Kerr, K. L.**, Misaki, M., Cosgrove, K. T., Moore, A. J., DeVille, D. C., Silk, J. S., Barch, D. M., Tapert, S. F., Simmons, W. K., Bodurka, J., & Morris, A. S. (2021). Into the unknown: Examining neural representations of parent-adolescent interactions. *Child Development* 92(6), e1361-e1376. <https://doi.org/10.1111/cdev.13635>
10. **Kerr, K. L.**, Ralph-Nearman, C., Colaizzi, J. M., DeVille, D. C., Breslin, F. J., Aupperle, R. L., Paulus, M. P., & Morris, A. S. (2021). Gastric symptoms and low perceived maternal warmth are associated with eating disorder symptoms in young adolescent girls. *International Journal of Eating Disorders*, 54(6), 1009-1018. <https://doi.org/10.1002/eat.23516>
11. Morris, A.S., Hays-Grudo, J., Zapata, M. I., Treat, A. & **Kerr, K. L.** (2021). Adverse and protective childhood experiences and parenting attitudes: The role of cumulative protection in understanding resilience. *Adversity and Resilience Science*, 12. <https://doi.org/10.1007/s42844-021-00036-8>
12. Morris, A. S., Hays-Grudo, J., **Kerr, K. L.**, & Beasley, L. (2021). The heart of the matter: Developing the whole child through community resources and caregiver relationships. *Development and Psychopathology*, 33(2), 533-544. <https://doi.org/10.1017/S0954579420001595>

13. Misaki, M.¹, **Kerr, K. L.**¹, Ratliff, E. L., Cosgrove, K. T., Simmons, W. K., Morris, A. S., & Bodurka, J. (2021). Beyond synchrony: The capacity of fMRI hyperscanning for the study of human social interaction. *Social Cognitive and Affective Neuroscience*, nsaa143, <https://doi.org/10.1093/scan/nsaa143>
14. Cosgrove, K. T.¹, **Kerr, K. L.**¹, Ratliff, E. L., Moore, A. J., Misaki, M., DeVille, D. C., Aupperle, R. L., Simmons, W. K., Bodurka, J., & Morris, A. S. (2020). Effects of parent emotion socialization on the neurobiology underlying adolescent emotion processing: A multimethod fMRI study. *Research on Child and Adolescent Psychopathology*. <https://doi.org/10.1007/s10802-020-00736-2>
15. Morris, A. S., Jespersen, J. E., Cosgrove, K. T., Ratliff, E. L., & **Kerr, K. L.** (2020). Parent education: What we know and moving forward for greatest impact. *Family Relations*, 69(3), 520-542. <https://doi.org/10.1111/fare.12442>
16. **Kerr, K. L.**, Cosgrove, K. T., Ratliff, E. L., Burrows, K., Misaki, M., Moore, A. J., DeVille, D. C., Silk, J. S., Tapert, S. F., Bodurka, J., Simmons, W. K., & Morris, A. S. (2020). TEAMwork: Testing Emotional Attunement and Mutuality during parent-adolescent fMRI. *Frontiers in Human Neuroscience*, 20, 24. <https://doi.org/10.3389/fnhum.2020.00024>
17. Cosgrove, K. T., Burrows, K., Avery, J. A., **Kerr, K. L.**, DeVille, D. C., Aupperle, R. L., Teague, T. K., Drevets, W. C., & Simmons, W. K. (2020). Appetite change profiles in depression exhibit differential relationships between systemic inflammation and activity in reward and interoceptive neurocircuitry. *Brain, Behavior, and Immunity*, 83, 163-171. <https://doi.org/10.1016/j.bbi.2019.10.006>
18. **Kerr, K. L.**, Ratliff, E. L., Cosgrove, K. T., Bodurka, J., Morris, A. S., & Simmons, W. K. (2019). Parental influences on neural mechanisms underlying emotion regulation. *Trends in Neuroscience and Education*, 16, 100118. <https://doi.org/10.1016/j.tine.2019.100118>
19. Cosgrove, K. T., **Kerr, K. L.**, Aupperle, R. L., Ratliff, E. L., DeVille, D. C., Silk, J. S., Burrows, K., Moore, A. J., Antonacci, C., Misaki, M., Tapert, S. F., Bodurka, J., Simmons, W. K., & Morris, A. S. (2019). Always on my mind: Cross-brain associations of mental health symptoms during simultaneous parent-child scanning. *Developmental Cognitive Neuroscience*, 40, 100729. <https://doi.org/10.1016/j.dcn.2019.100729>
20. Williams, A. E., Miller, M. M., Bartley, E. J., McCabe, K. M., **Kerr, K. L.**, & Rhudy, J. L. (2019). Impairment of inhibition of trigeminal nociception via conditioned pain modulation in persons with migraine headaches. *Pain Medicine*, 20(8), 1600-1610. <https://doi.org/10.1093/pm/pny305>
21. DeVille, D. C., **Kerr, K. L.**, Avery, J. A., Burrows, K., Bodurka, J., Feinstein, J., Khalsa, S. S., Paulus, M P., & Simmons, W. K. (2018). The neural bases of interoceptive encoding and recall in healthy adults and adults with depression. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 3(6), 546-554. <https://doi.org/10.1016/j.bpsc.2018.03.010>

22. Simmons, W. K., Burrows, K., Avery, J. A., **Kerr, K. L.**, Taylor, A., Bodurka, J., Potter, W., Teague, T. K., & Drevets, W. C. (2018). Appetite changes reveal depression subgroups with distinct endocrine, metabolic, and immune states. *Molecular Psychiatry*. <https://doi.org/10.1038/s41380-018-0093-6>
23. Khalsa, S. S., Adolphs, R., Cameron, O. G., Critchley, H. D., Davenport, P. W., Feinstein, J. S., Feusner, J. D., Garfinkel, S. N., Lane, R. D., Mehling, W. E., Meuret, A. E., Nemeroff, C. B., Oppenheimer, S., Petzschnner, F. H., Pollatos, O., Rhudy, J. L., Schramm, L. P., Simmons, W. K., Stein, M. B., Stephan, K. E., Van den Bergh, O., Van Diest, I., von Leupoldt, A., Paulus, M. P., Ainley, V., Al Zoubi, O., Aupperle, R., Avery, J., Baxter, L., Benke, C., Berner, L., Bodurka, J., Breese, E., Brown, T., Burrows, K., Cha, Y., Clausen, A., Cosgrove, K., Deville, D., Duncan, L., Duquette, P., Ekhtiari, H., Fine, T., Ford, B., Garcia Cordero, I., Gleghorn, D., Guereca, Y., Harrison, N. A., Hassanpour, M., Hechler, T., Heller, A., Hellman, N., Herbert, B., Jarrahi, B., **Kerr, K.**, Kirlic, N., Klabunde, M., Kraynak, T., Kriegsman, M., Kroll, J., Kuplicki, R., Lapidus, R., Le, T., Logie Hagen, K., Mayeli, A., Morris, A., Naqvi, N., Oldroyd, K., Pané-Farré, C., Phillips, R., Poppa, T., Potter, W., Puhl, M., Safron, A., Sala, M., Savitz, J., Saxon, H., Schoenhals, W., Stanwell-Smith, C., Teed, A., Terasawa, Y., Thompson, K., Troups, M., Umeda, S., Upshaw, V., Victor, T., Wierenga, C., Wohlrab, C., Yeh, H., Yoris, A., Zeidan, F., Zotev, V., Zucker, N. (2018). Interoception and mental health: A roadmap. *Biological Psychiatry*, 3(6), 501-513. <https://doi.org/10.1016/j.bpsc.2017.12.004>
24. **Kerr, K. L.**, Moseman, S. E., Avery, J. A., Bodurka, J., & Simmons, W.K. (2017). Influence of visceral interoceptive experience on the brain's response to food images in anorexia nervosa. *Psychosomatic Medicine*, 79(7), 777-784. <https://doi.org/10.1097/PSY.0000000000000486>
25. Avery, J.A., Gotts, S.J., **Kerr, K.L.**, Burrows, K., Ingeholm, J.E., Bodurka, J., Martin, A., & Simmons, W.K. (2017). Convergent gustatory and viscerosensory processing in the human mid-insula. *Human Brain Mapping*, 38(4), 2150-2164. <https://doi.org/10.1002/hbm.23510>
26. Avery, J. A., Burrows, K., **Kerr, K. L.**, Bodurka, J., Khalsa, S. S., Paulus, M. P., & Simmons, W. K. (2017). How the brain wants what the body needs: The neural basis of positive alliesthesia. *Neuropsychopharmacology*, 42(4), 822-830. <https://doi.org/10.1038/npp.2016.128>
27. **Kerr, K. L.**, Moseman, S. E., Avery, J. A., Bodurka, J., Zucker, N. L., & Simmons, W. K. (2016). Altered insula activity during visceral interoception in weight-restored patients with anorexia nervosa. *Neuropsychopharmacology*, 41(2), 521-528. <https://doi.org/10.1038/npp.2015.174>
28. Simmons, W. K., Burrows, K., Avery, J. L., **Kerr, K. L.**, Bodurka, J., Savage, C., & Drevets, W. C. (2016). Depression-related increases and decreases in appetite reveal dissociable patterns of aberrant activity in reward and interoceptive neurocircuitry. *The American Journal of Psychiatry*, 173(4), 418-428. <https://doi.org/10.1176/appi.ajp.2015.15020162>

29. Palit, S., Bartley, E. J., Kuhn, B. L., **Kerr, K. L.**, DelVentura, J. L., Terry, E. L., & Rhudy, J. L. (2016). Endogenous inhibition of pain and spinal nociception in women with premenstrual dysphoric disorder. *Journal of Pain Research*, 11(9), 57-66. <https://doi.org/10.2147/JPR.S97109>
30. **Kerr, K. L.**, Avery, J. A., Barcalow, J. C., Moseman, S. E., Bodurka, J., Bellgowan, P. S. F., & Simmons, W. K. (2015). Trait impulsivity is related to ventral ACC and amygdala activity during primary reward anticipation. *Social Cognitive and Affective Neuroscience*, 10(1), 36-42. <https://doi.org/10.1093/scan/nsu023>
31. Avery, J. A., **Kerr, K. L.**, Ingelholm, J. E., Burrows, K., Bodurka, J., & Simmons, W. K. (2015). A common gustatory and interoceptive representation in the human mid-insula. *Human Brain Mapping*, 36(8), 2996-3006. <https://doi.org/10.1002/hbm.22823>
32. Bartley, E. J., Palit, S., Kuhn, B. L., **Kerr, K. L.**, Terry, E. L., DelVentura, J. L., & Rhudy, J. L. (2015). Natural variation in testosterone is associated with hypoalgesia in healthy women. *The Clinical Journal of Pain*, 31(8), 730-739. <https://doi.org/10.1097/AJP.000000000000153>
33. Bartley, E. J., Palit, S., Kuhn, B. L., **Kerr, K. L.**, Terry, E. L., DelVentura, J. L., & Rhudy, J. L. (2015). Nociceptive processing in women with premenstrual dysphoric disorder (PMDD): The role of menstrual phase and sex hormones. *Clinical Journal of Pain*, 31(4), 304-314. <https://doi.org/10.1097/AJP.000000000000112>
34. Rhudy, J. L., Bartley, E. J., Palit, S., Kuhn, B. L., **Kerr, K. L.**, Martin, S. L., DelVentura, J. L., & Terry, E. L. (2014). Affective disturbance associated with premenstrual dysphoric disorder does not disrupt emotional modulation of pain and spinal nociception. *Pain*, 155(10), 2144-2152. <https://doi.org/10.1016/j.pain.2014.08.011>
35. Palit, S., **Kerr, K. L.**, Kuhn, B. L., DelVentura, J. L., Terry, E. L., Bartley, E. J., Shadlow, J. O., & Rhudy, J. L. (2013). Examining emotional modulation of pain and spinal nociception in Native Americans: A preliminary investigation. *International Journal of Psychophysiology*, 90(2), 272-281. <https://doi.org/10.1016/j.ijpsycho.2013.08.009>
36. Palit, S., **Kerr, K. L.**, Kuhn, B. L., Terry, E. L., DelVentura, J. L., Bartley, E. J., Shadlow, J. O., & Rhudy, J. L. (2013). Exploring pain processing differences in Native Americans. *Health Psychology*, 32(11), 1127-1136. <https://doi.org/10.1037/a0031057>
37. Rhudy, J. L., Bartley, E. J., Palit, S., **Kerr, K. L.**, Kuhn, B. L., Martin, S. L., Delventura, J. L., & Terry, E. L. (2013). Do sex hormones influence emotional modulation of pain and nociception in healthy women? *Biological Psychology*, 94(3), 534-544. <https://doi.org/10.1016/j.biopsycho.2013.10.003>
38. Rhudy, J. L., DelVentura, J. L., Terry, E. L., Bartley, E. J., Olech, E., Palit, S., & **Kerr, K. L.** (2013). Emotional modulation of pain and spinal nociception in fibromyalgia. *Pain*, 154(7), 1054-1056. <https://doi.org/10.1016/j.pain.2013.03.025>
39. Rhudy, J. L., Martin, S. L., Terry, E. L., DelVentura, J. L., **Kerr, K. L.**, & Palit, S. (2012). Using multilevel growth curve modeling to examine emotional modulation of temporal summation of pain (TS-pain) and the nociceptive flexion reflex (TS-NFR). *Pain*, 153(11), 2274-2282. <https://doi.org/10.1016/j.pain.2012.07.030>

40. Martin, S. L., **Kerr, K. L.**, Bartley, E. J., Kuhn, B. L., Palit, S., Terry, E. L., DelVentura, J. L., & Rhudy, J. L. (2012). Respiration-induced hypoalgesia: Exploration of potential mechanisms. *Journal of Pain*, 13(8), 755-763.
<https://doi.org/10.1016/j.jpain.2012.05.001>
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MANUSCRIPTS UNDER REVIEW

1. **Kerr, K. L.**, Cohen, Z. P.*, Atencio, G. I.*, Cooper, C. J.*, Woosley, C. M.***, Kirkendoll, M. P.***, Lamichhane, B., & Breslin, F. J. Parental modulation of adolescent anterior insular cortex activity through dyadic neurofeedback: A randomized controlled trial.
2. Thiessen, K. A., Breslin, F. J., **Kerr, K. L.**, & Schütz, C. G. Frontostriatal interactions and socioenvironmental associations with alcohol and cannabis onset in the Adolescent Brain Cognitive Development Study.

MANUSCRIPT UNDER REVISION

- Atencio, G. I.*, Cooper, C. J.*, Caperton, H. R., Breslin, F. J., & **Kerr, K. L.** (under revision). The role of pubertal development in the relationship between early life adversity and resting-state functional connectivity of the nucleus accumbens during early adolescence.

BOOK CHAPTERS

1. Rezapour, T., Berry, J., Cullum, C. M., Elahi, B., Elbanna, I., Elsabbahy, M., Farokhnia, M., Haque, N., Jin, J., Juruena, M. F., **Kerr, K. L.**, Khojasteh-Zonoozi, A., Lewandowska, A. J., Makke, Y., McLaughlin, N. C. R., Moshayedi, P., Nami, M., Nejati, V., Nelson, K. J., ... Ekhtiari, H. (in press). Neuroscience-informed psychoeducation: How brain awareness supports brain recovery.
2. Liew, J., Morris, A. S., & **Kerr, K. L.** (2022). Emotion regulation processes as transdiagnostic in adolescence and early adulthood: A neuro-bioecological systems framework. In L. J. Crockett, G. Carlo, & J. E. Schulenberg (Eds.), *APA Handbook of Adolescent and Young Adult Development*. American Psychological Association.

PRESENTATIONS

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**Mentored undergraduate student co-author

1. Atencio, G. I.*, Cohen, Z. P.*, Cooper, C. J.*, Woosley, C. J.**, Kirkendoll, M. P.**, Breslin, F. J., & **Kerr, K. L.** (2026, September 9). Longitudinal changes in adolescent internalizing symptoms after a dyadic neurofeedback paradigm. [Poster session]. Flux Congress, San Diego, CA.
2. Breslin, F. J., & **Kerr, K. L.**, Ciciolla, L., & Croff, J. (2026, September 10). Impact of maternal sleep disturbances on hippocampal development in newborns. [Poster session]. Flux Congress, San Diego, CA.
3. Edwards, L.*, Cohen, Z. P.*, Atencio, G. I.*, Woosley, C. J.**, Breslin, F. J., & **Kerr, K. L.** (2026, September 10). The influence of parental cognitive ability on the efficacy of a dyadic neurofeedback paradigm for improving emotion regulation in adolescents. [Poster session]. Flux Congress, San Diego, CA.
4. Anderson, M. E.**, Atencio, G. I.*, & **Kerr, K. L.** (2026, April 21). Investigating the relationship between parental engagement in emotion regulation strategies and adolescent disordered eating behaviors. [Poster session]. OSU Undergraduate Research Symposium, Stillwater, OK.
5. Bushrod, M. D.**, Edwards, L. S.*, & **Kerr, K. L.** (2026, April 21). Depression and stress as predictors of somatic symptoms in adult women. [Poster session]. OSU Undergraduate Research Symposium, Stillwater, OK.
6. Solano Izaguirre, K.**, Atencio, G. I.*, & **Kerr, K. L.** (2026, April 21). ACEs, menarche onset, and anxiety: A medication analysis. [Poster session]. OSU Undergraduate Research Symposium, Stillwater, OK.
7. Tennison, B. M.**, Cohen, Z. P.*, & **Kerr, K. L.**, (2026, April 21). Anxiety and depression symptoms in relation to physical activity and sleep quality scores among adolescents. [Poster session]. OSU Undergraduate Research Symposium, Stillwater, OK.
8. Reichert, E. D. B.**, Edwards, L. S.*, & **Kerr, K. L.** (2025, November 14-15). The role of adversity and protective factors in predicting trait hope scores in adulthood. [Poster session]. Oklahoma Psychological Association Annual Meeting, Broken Arrow, OK.
9. Bushrod, M. D.**, Edwards, L. S.*, & **Kerr, K. L.** (2025, November 14-15). Depression and stress as predictors of somatic symptoms in adult women. [Poster session]. Oklahoma Psychological Association Annual Meeting, Broken Arrow, OK.
10. Reichert, E. D. B.**, Edwards, L. S.*, & **Kerr, K. L.** (2025, November 12). Childhood adversity and adulthood protective factors in trait hope scores. [Poster session]. OSU-Tulsa Student Research Day, Tulsa, OK.

11. Jespersen, J. E., Cohen, Z. P.*, Atencio, G. I.*, Cooper, C. J.*, Woosley, C.**, & **Kerr, K. L.** (2025, May 1-3). State vs trait emotion regulation in adolescence: Examining the role of parental co-regulation through dyadic neurofeedback. [Poster session]. Society for Research in Child Development Biennial Meeting, Minneapolis, MN.
12. Watrous, J. N. H., **Kerr, K. L.**, Baraldi, A. N., Yu, D., & Morris, A. S. (2025, May 1-3). Cumulative protective and compensatory experiences in the ABCD Study: PACEs-ABCD. [Poster session]. Society for Research in Child Development Biennial Meeting, Minneapolis, MN.
13. Atencio, G. I.*, Baraldi, A. N., Breslin, F. J., Cooper, C. J.*, Cohen, Z. P.*, & **Kerr, K. L.** (2025, March 3-4). Indirect effects of pubertal timing on the relationship between early life adversity and eating disorder symptoms: A longitudinal analysis. [Flash talk]. ABCD Insights and Innovations Meeting, Bethesda, MD. (Conference canceled)
14. Watrous, J. N. H., **Kerr, K. L.**, Baraldi, A. N., Yu, D., & Morris, A. S. (2025, February 28). The effects of cumulative protective and compensatory experiences in the ABCD® sample on neurocognition: PACEs-ABCD. [Virtual poster session]. ABCD Insights and Innovations Meeting, Bethesda, MD. (Conference canceled)
15. Atencio, G. I.*, Cohen, Z. P.*, Cooper, C. J.*, Breslin, F. J., & **Kerr, K. L.** (2024, September 28-30). Does frontostriatal connectivity mediate the relationship between early life adversity and disordered eating? [Poster session]. Flux Congress, Baltimore, MD.
16. Cohen, Z. P.*, Atencio, G. I.*, Cooper, C. J.*, Woosley, C.**, Breslin, F. J., & **Kerr, K. L.** (2024, September 28-30). Youth Emotion Training Initiative (YETI): A pre-registered randomized pilot study of fMRI neurofeedback for adolescent emotion regulation. [Poster session]. Flux Congress, Baltimore, MD.
17. Cooper, C. J.*, Breslin, F. J., Cohen, Z. P.*, Atencio, G. I.*, Watrous, J. N., & **Kerr, K. L.** (2024, September 28-30). Does functional connectivity between the frontoparietal network and subcortical structures impact the onset of mental health problems through emotion regulation strategies? [Poster session]. Flux Congress, Baltimore, MD.
18. Watrous, J. N., Barlaan, D., Baraldi, A., Chen, H., **Kerr, K. L.**, Hays-Grudo, J., & Morris, A. S. (2024, April 18-20). Cumulative protection in the ABCD® sample: The role of relationships and resources in adolescent mental health. [Poster session]. Society for Research on Adolescence, Chicago, IL.
19. Woosley, C. M.**, & **Kerr, K. L.** (2024, April 16). Persistent effect of cannabis on cognition. [Poster session]. Oklahoma State University Undergraduate Research Symposium, Stillwater, OK.
20. Atencio, G. I.*, Cohen, Z. P.*, Caperton, H. R., Cooper, C. J.*, & **Kerr, K. L.** (2024, March 4-5). Sex differences in the pubertally mediated relationship between early life adversity and resting-state functional connectivity of the nucleus accumbens. [Poster session]. ABCD Insights and Innovations Meeting, Bethesda, MD.
21. Atencio, G. I.*, Breslin, F. J., **Kerr, K. L.**, Cohen, Z. P.*, & Cooper, C.* (2023, September 7-9). The role of pubertal development on the relationship between early life adversity and resting-state functional connectivity of the nucleus accumbens. [Poster session]. Flux Congress, Santa Rosa, CA.

22. Caperton, H., **Kerr, K. L.**, Cohen, Z. P.*, Atencio, G. I.*, Cooper, C.*, Ratliff, E. L., & Breslin, F. J. (2023, September 7-9). The influence of parental validation on anterior insular activity among adolescents during real-time fMRI dyadic neurofeedback. [Poster session]. Flux Congress, Santa Rosa, CA.
23. Cohen, Z. P.*, Breslin, F. J., Ratliff, E. L., Morris, A. S., & **Kerr, K. L.** (2023, September 7-9). Family environment moderates the relationship between parent psychopathology and adolescent white matter volume: Evidence from the ABCD® Study [Poster session]. Flux Congress, Santa Rosa, CA.
24. Cooper, C.*, Breslin, F. J., Cohen, Z. P.*, Atencio, G. I.*, Watrous, J., Morris, A. S., & **Kerr, K. L.** (2023, September 7-9). Does prefrontal thinning during adolescence mediate the relationship between childhood adversity and emotion regulation? [Poster session]. Flux Congress, Santa Rosa, CA.
25. Croff, J., **Kerr, K. L.**, Atencio, G. I.*, Ratliff, E. L., Cohen, Z. P.*, Appleseth, H., McGehee, A., & Breslin, F. J. (2023, September 7-9). The role of stress on early thelarche & brain structure: Evidence from the ABCD® Study [Poster session]. Flux Congress, Santa Rosa, CA.
26. Ratliff, E. L., Breslin, F. J., Croff, J., Cohen, Z. P.*, & **Kerr, K. L.** (2023, September 7-9). Sleep onset latency is associated with smaller hippocampal volume in the Adolescent Brain Cognitive Development (ABCD)SM Study. [Poster session]. Flux Congress, Santa Rosa, CA.
27. Watrous, J., **Kerr, K. L.**, Breslin, F. J., Croff, J., Cooper, C.*, Morris, A. S., & Hays-Grudo, J. (2023, September 7-9). Do positive childhood experiences protect brain development? Evidence from the ABCD® Study [Poster session]. Flux Congress, Santa Rosa, CA.
28. Breslin, F. J., **Kerr, K. L.**, Cohen, Z. P.*, Ratliff, E. L., Safdar, F. M., Simmons, W. K., Croff, J. M., & Morris, A. S. (2022, September 7-9). Can cortical thinning predict mental health response to the COVID-19 pandemic? Evidence from the ABCD® Study [Poster session]. Flux Congress, Paris, France.
29. Cohen, Z. P.*, Breslin, F. J., Ratliff, E. L., Morris, A. S., & **Kerr, K. L.** (2022, September 7-9). Do structural changes in brain development mediate the relationship between parenting factors and adolescent psychopathology? Evidence from the ABCD® Study [Poster session]. Flux Congress, Paris, France.
30. Ratliff, E. L., Misaki, M., **Kerr, K. L.**, Cosgrove, K. T., Simmons, W. K., & Morris, A. S. (2022, September 7-9). Exploring associations between emotionally valenced parent statements and parent-adolescent dyadic coactivation during an fMRI hyperscanning conversation paradigm [Poster session]. Flux Congress, Paris, France.
31. Breslin, F. J., **Kerr, K. L.**, & Morris, A. S. (2022, March 3-5). Screen time during COVID-19, youth mental health, & peer relationships in the Adolescent Brain Cognitive Development (ABCD) Study [Poster session]. Society for Research on Adolescence, New Orleans, LA, United States.

32. Ratliff, E. R., **Kerr, K. L.**, Cosgrove, K. T., Misaki, M., Simmons, W. K., & Morris, A. S. (2022, March 3-5). A model of cross-brain influences involved in dyadic emotion regulation during parent-adolescent interactions [Poster session]. Society for Research on Adolescence, New Orleans, LA, United States.
33. **Kerr, K. L.**, (2021, September 30). Gastric symptoms, parenting, and eating disorder symptoms in the ABCD sample. In J. M. Colaizzi (Chair), *Adolescent outcomes from the ABCD Study* [Symposium]. 2021 Virtual Zarrow Mental Health Symposium.
34. Breslin, F. J., **Kerr, K. L.**, Cosgrove, K. T., & Tapert, S. F. (2021, April 7-9). Screen time during COVID-19: A review of subjects from the Adolescent Brain Cognitive Development Study®. In E. A. Wartella (Chair), *Children, screens, and COVID-19: Early findings from longitudinal, interdisciplinary, multi-institutional studies* [Symposium]. Society for Research in Child Development Virtual Biennial Meeting.
35. Morris, A. S., Ratliff, E. L., Cosgrove, K. T., Misaki, M., Bodurka, J., Simmons, W. K., & **Kerr, K. L.** Innovative approaches for studying dyadic emotion regulation: Cross-brain associations between parents and adolescents using fMRI (2021, April 7-9). In J. A. Silvers (Chair), *Novel perspectives on the neurodevelopment of emotion regulation* [Symposium]. Society for Research in Child Development Virtual Biennial Meeting.
36. Ratliff, E. L., **Kerr, K. L.**, Antonacci, C. A., Cosgrove, K. T., DeVille, D. C., Misaki, M., Simmons, W. K., Bodurka, J., & Morris, A. S. (2021, April 7-9). *Longitudinal links between adolescent emotion-related brain activity and adolescent internalizing symptoms during the COVID-19 pandemic* [Poster session]. Society for Research in Child Development Virtual Biennial Meeting.
37. **Kerr, K. L.**, Cosgrove, K. T., Ratliff, E. L., Moore, A. J., Johnson, M. J., Misaki, M., DeVille, D. C., Aupperle, R. L., Simmons, W. K., Bodurka, J., & Morris, A. S. (2020, September 9-12). *Parents' negative verbalizations are related to adolescents' emotion reactivity and regulation* [Poster session]. Flux Virtual Congress, Sonoma, CA, United States.
38. Ratliff, E. L., Misaki, M., **Kerr, K. L.**, Cosgrove, K. T., Moore, A. J., Johnson, M. J., DeVille, D. C., Silk, J. S., Bodurka, J., Simmons, W. K., & Morris, A. S. (2020, September 9-12). *Parent-adolescent cross-brain connectivity during an fMRI hyperscanning task is associated with adolescent emotion regulation* [Poster session]. Flux Virtual Congress, Sonoma, CA, United States.
39. **Kerr, K. L.**, Ratliff, E. L., Fuller, S., DeVille, D. C., Cosgrove, K. T., Misaki, M., Morris, A. S., & Bodurka, J. (2020, June). *Parent-adolescent fMRI hyperscanning and dyadic neurofeedback for influencing brain response* [Poster session]. Annual Meeting of the Organization for Human Brain Mapping, Montreal, Canada.
40. **Kerr, K. L.**, Colaizzi, J. M., Ralph-Nearman, C., DeVille, D. C., Breslin, F. J., Paulus, M. P., & Morris, A. S. (2020, March). *Gastrointestinal complaints and eating disorder symptoms in the ABCD Study* [Poster session]. Biennial Meeting of the Society for Research on Adolescence, San Diego, CA. (Conference canceled)

41. Ratliff, E. L., **Kerr, K. L.**, Cosgrove, K. T., DeVille, D. C., Burrows, K., Moore, A. J., Bodurka, J., Simmons, W. K., & Morris, A. S. (2020, March). *Lower parent anterior insula activity in response to adolescents' mistake predicts adolescent depressive symptom development* [Poster session]. Biennial Meeting of the Society for Research on Adolescence, San Diego, CA. (Conference canceled)
42. Ratliff, E. L., Misaki, M., **Kerr, K. L.**, Cosgrove, K. T., Moore, A. J., Johnson, M. J., DeVille, D. C., Silk, J. S., Bodurka, J., Simmons, W. K., & Morris, A. S. (2020, March). *Cross-brain connectivity is associated with parenting behavior and adolescent emotion regulation during a conflict discussion task* [Poster session]. Biennial Meeting of the Society for Research on Adolescence, San Diego, CA. (Conference canceled)
43. **Kerr, K. L.**, Kim, H., Breslin, F. J., Cosgrove, K. T., Tiemeier, H., Paulus, M. P., & Morris, A. S. (2019, August). *Gender effects in the relationship between parenting and resting-state functional connectivity in the ABCD Study* [Poster session]. 7th Annual Flux Congress, New York NY.
44. Ratliff, E. L., Misaki, M., **Kerr, K. L.**, Cosgrove, K. T., Moore, A. J., Johnson, M. J., DeVille, D., Silk, J. S., Bodurka, J., Simmons, W. K., & Morris, A. S. (2019, August). *Synchronization between brain regions in parents and their adolescent children during a conflict discussion task* [Poster session]. 7th Annual Flux Congress, New York NY.
45. **Kerr, K. L.**, Ratliff, E. L., Misaki, M., Moore, A. J., Cosgrove, K. T., DeVille, D. C., Burrows, K., Simmons, W. K., Bodurka, J., & Morris, A. S. (2019, July). *fMRI hyperscanning for studying parent-child interactions* [Poster session]. 3rd Annual Joint Meeting of the Oklahoma Society of Physiologists, Tulsa Chapter of the Society for Neuroscience, and Tulsa Area Bioscience Education and Research Consortium, Tulsa, OK.
46. **Kerr, K. L.**, Morris, A. S., & Bodurka, J. (2019, May). *Parent-adolescent dyadic neurofeedback with real-time fMRI* [Poster session]. 2019 NIH/NIGMS IDeA Central Region Conference, Oklahoma City, OK.
47. **Kerr, K. L.**, Cosgrove, K. T., Ratliff, E. L., Burrows, K. Moore, A. J., DeVille, D. C., Bodurka, J., Simmons, W. K., & Morris, A. S. (2019, March). Studying neural mechanisms of parenting influence on adolescent emotion regulation with an fMRI dyadic interaction. In S. Shulz (Chair), *Parent-child dynamics and child development: A multidisciplinary approach* [Symposium]. Biennial Meeting of the Society for Research in Child Development, Baltimore, MD.
48. **Kerr, K. L.**, Moore, A. J., Misaki, M., Ratliff, E. L., Cosgrove, K. T., DeVille, D. C., Burrows, K., Antonacci, C. A., Zhu, S., Bailey, J. L., Simmons, W. K., Bodurka, J., & Morris, A. S. (2019, March). *The parent-child conflict discussion task: An ecologically valid fMRI paradigm for studying dyadic interactions* [Poster session]. Biennial Meeting of the Society for Research in Child Development, Baltimore, MD.

49. Cosgrove, K. T., Silk, J. S., **Kerr, K. L.**, DeVille, D. C., Ratliff, E. L., Burrows, K., Moore, A. J., Tapert, S. F., Misaki, M., Bodurka, J., Aupperle, R. L., & Morris, A. S. (2019, March). *Dyadic effects of parent and adolescent mental health symptoms on brain activation during error processing* [Poster session]. Biennial Meeting of the Society for Research in Child Development, Baltimore, MD.
50. Morris, A. S., Kim, H., **Kerr, K. L.**, Breslin, F. J., Tiemeier, H., & Paulus, M. P. (2019, March). Parenting and functional connectivity in the emotion regulation circuitry of pre-adolescents: The ABCD Study. In A. S. Morris (Chair), *Neurodevelopmental consequences of parenting and family adversity: Brain imaging findings from three cohort studies* [Symposium]. Biennial Meeting of the Society for Research in Child Development, Baltimore, MD.
51. Ratliff, E. L., Morris, A. S., Beasley, L. O., Hays-Grudo, J., Jespersen, J. E., **Kerr, K. L.**, & Ciciolla, L. (2019, March). *Threat and deprivation: Investigating outcomes associated with two different dimensions of adverse childhood experiences* [Poster session]. Biennial Meeting of the Society for Research in Child Development, Baltimore, MD.
52. **Kerr, K. L.**, Moore, A. J., Misaki, M., Ratliff, E. L., Cosgrove, K. T., DeVille, D. C., Burrows, K., Tapert, S. F., Simmons, W. K., Bodurka, J., & Morris, A. S. (2018, November). *A free-speech paradigm for studying dyadic interactions with fMRI hyperscanning* [Poster session]. Annual Meeting of the Society for Neuroscience, San Diego, CA.
53. Burrows, K., **Kerr, K. L.**, DeVille, D. C., Ratliff, E. L., Cosgrove, K. T., Bodurka, J., Paulus, M. P., Morris, A. S., & Simmons, W. K. (2018, November). *Testing emotional attachment and mutuality (TEAM) fMRI task for studying dyadic interactions* [Poster session]. Annual Meeting of the Society for Neuroscience, San Diego, CA.
54. Cosgrove, K. T., DeVille, D. C., **Kerr, K. L.**, Ratliff, E. L., Burrows, K., Moore, A. J., Tapert, S. F., Misaki, M., Bodurka, J., Aupperle, R. L., Simmons, W. K., & Morris, A. S. (2018, November). *The relationship between brain activation during parent-child fMRI hyperscanning and symptoms of anxiety and depression* [Poster session]. Annual Meeting of the Society for Neuroscience, San Diego, CA.
55. DeVille, D. C., **Kerr, K. L.**, Moseman, S. E., Bodurka, J., & Simmons, W. K. (2018, November). *Changes in fMRI BOLD signal pre- and post-weight restoration in subjects treated for anorexia nervosa: Implications for the use of neuroimaging in eating disorders research* [Poster session]. Annual Meeting of the Society for Neuroscience, San Diego, CA.
56. Moore, A. J., **Kerr, K. L.**, Johnson, M. J., Ratliff, E. L., DeVille, D. C., Cosgrove, K. T., Burrows, K., Bodurka, J., Simmons, W. K., & Morris, A. S. (2018, November). *Transcription and coding of dyadic interactions for fMRI hyperscanning* [Poster session]. Annual Meeting of the Society for Neuroscience, San Diego, CA.
57. Ratliff, E. L., Cosgrove, K. T., **Kerr, K. L.**, DeVille, D. C., Burrows, K., Moore, A. J., Bodurka, J., Simmons, W. K., & Morris, A. S. (2018, November). *Parental involvement predicts posterior insula hemodynamic activation in response to child's costly error* [Poster session]. Annual Meeting of the Society for Neuroscience, San Diego, CA.

58. **Kerr, K. L.**, Colaizzi, J., Breslin, F., Bodurka, J., Simmons, W. K., & Morris, A. S. (2018, May). *Gender differences in the effects of parental acceptance and socioeconomic status on emotion regulation and reward processing* [Poster session]. Flux Satellite Conference, Chapel Hill, NC.
59. **Kerr, K. L.**, Ratliff, E. R., Morris, A. S., & Simmons, W. K. (2018, April). *Gastric physiology in adolescents diagnosed with anorexia nervosa* [Poster session]. Biennial Meeting of the Society for Research on Adolescence, Minneapolis, MN.
60. DeVille, D. C., Avery, J. A., **Kerr, K. L.**, Burrows, K., Bodurka, J., Paulus, M. P., & Simmons, W. K. (2017, November). *Examining insula activity during interoceptive recall among individuals diagnosed with major depressive disorder* [Poster session]. Annual Meeting of the Society for Neuroscience, Washington, DC.
61. Menting, J., & **Kerr, K. L.** (2017, September). *Implementation of screening, brief intervention, and referral to treatment* [Conference presentation]. Oklahoma Area Annual Indian Health Service Behavioral Health Meeting, Catoosa, OK.
62. DeVille, D. C., Burrows, K., **Kerr, K. L.**, Avery, J. A., Mullins, C. D., Bodurka, J., Paulus, M. P. & Simmons, W. K. (2016, November). *The neural bases of interoceptive recall* [Poster session]. Annual Meeting of the Society for Neuroscience, San Diego, CA.
63. **Kerr, K. L.**, Moseman, S. E., DeVille, D. C., Mullins, C. D., & Simmons, W. K. (2016, May). *Gastric functioning in restricting-type anorexia nervosa: An electrogastrography study* [Poster session]. International Conference on Eating Disorders, San Francisco, CA.
64. Burrows, K., Avery, J. A., **Kerr, K. L.**, Mullins, C., Bodurka, J., & Simmons, W. K. (2015, October). *Resting-state functional connectivity between interoceptive cortex and reward circuitry modulates ratings of inferred food pleasantness* [Poster session]. Annual Meeting of the Society for Neuroscience, Chicago, IL.
65. **Kerr, K. L.**, Moseman, S. E., & Simmons, W. K. (2015, September). *Perceived intensity of gastric sensations abnormally influences the brain's response to food pictures in females with anorexia nervosa* [Poster session]. Zarrow Mental Health Symposium, Tulsa, OK.
66. **Kerr, K. L.**, Moseman, S. E., Avery, J. A., Dobson, J. L., Burrows, K., Bodurka, J., & Simmons, W. K. (2015, April). *Gastric sensations in patients with anorexia nervosa potentiate activity to food images in brain regions underlying anxiety and nociception* [Poster session]. International Conference on Eating Disorders, Boston, MA.
67. **Kerr, K. L.**, Moseman, S. E., Gotts, S. J., Avery, J. A., Dobson, J. L., & Simmons, W. K. (2014, November). *Resting-state fMRI demonstrates that illness severity in anorexia nervosa is associated with a lack of differentiation between sensory and fronto-parietal neural networks* [Poster session]. Annual Meeting of the Society for Neuroscience, Washington, DC.

68. Payne, M. F., Bartley, E. J., Palit, S., **Kerr, K. L.**, Kuhn, B. L., DelVentura, J. L., Güereca, Y. M., Rhudy, J. L., & Terry, E. L. (2014, May). *Fatigue is associated with enhanced retrospective report of pain, but not enhanced spinal nociception, in a study of experimental pain and the menstrual cycle* [Poster session]. Annual Meeting of the American Pain Society, Tampa, FL.
69. **Kerr, K. L.**, Moseman, S. E., Avery, J. A., Dobson, J. L., Burrows, K., Zucker, N., & Simmons, W. K. (2014, March). *Anxious rumination differentially activates interoceptive insular cortex in anorexia nervosa* [Poster session]. International Conference on Eating Disorders, New York, NY.
70. **Kerr, K. L.**, Avery, J. A., Barcalow, J. C., Bodurka, J., Moseman, S. E., Zucker, N. L., & Simmons, W. K. (2013, November). *Altered insula activity for visceral interoception in individuals with anorexia nervosa* [Poster session]. Annual Meeting of the Society for Neuroscience, San Diego, CA.
71. Palit, S., **Kerr, K. L.**, Terry, E. L., DelVentura, J. L., & Rhudy, J. L. (2013, November). *Are bulimia nervosa traits associated with emotional modulation of pain and spinal nociception?* [Poster session]. Annual Meeting of the Society for Neuroscience, San Diego, CA.
72. DelVentura, J. L., Terry, E. L., **Kerr, K. L.**, Bartley, E. J., & Rhudy, J. L. (2013, May). *History of mood or anxiety disorders is associated with disrupted modulation of spinal nociception* [Poster session]. Annual Meeting of the American Pain Society, New Orleans, LA.
73. Kuhn, B. L., Bartley, E. J., Palit, S., Martin, S. L., **Kerr, K. L.**, DelVentura, J. L., Terry, E. L., & Rhudy, J. L. (2013, May). *The relationship between gender role expectations and experimental pain across phases of the menstrual cycle* [Poster session]. Annual Meeting of the American Pain Society, New Orleans, LA.
74. Palit, S., Bartley, E. J., **Kerr, K. L.**, Kuhn, B. L., DelVentura, J. L., Terry, E. L., Güereca, Y. M., & Rhudy, J. L. (2013, May). *Association of pain catastrophizing with pain processing across the menstrual cycle in healthy women* [Poster session]. Annual Meeting of the American Pain Society, New Orleans, LA.
75. Terry, E. L., Bartley, E. J., Palit, S., **Kerr, K. L.**, Kuhn, B. L., DelVentura, J. L., Güereca, Y. M., & Rhudy, J. L. (2013, May). *Is heart rate variability associated with experimental pain sensitivity assessed across the menstrual cycle phases?* [Poster session]. Annual Meeting of the American Pain Society, New Orleans, LA.
76. **Kerr, K. L.**, & Newman, E. (2012, December). *Evidence-based supervision*. In Supervision & consultation in 2012: What you wish you were taught in graduate school. Conference held at University of Tulsa, Tulsa, OK.

77. **Kerr, K. L.**, Avery, J. A., Barcalow, J. C., Bodurka, J., Bellgowan, P. S. F., & Simmons, W. K. (2012, October). *Trait impulsivity is associated with activity in the mesolimbic dopamine circuit* [Poster session]. Annual Meeting of the Society for Neuroscience, New Orleans, LA.
78. Avery, J. A., **Kerr, K. L.**, Barcalow, J. C., Bodurka, J., & Simmons, W. K. (2012, October). *A common interoceptive and gustatory representation in the human insula* [Poster session]. Annual Meeting of the Society for Neuroscience, New Orleans, LA.
79. Güereca, Y. M., Bartley, E. J., Palit, S., Martin, S. L., **Kerr, K. L.**, Kuhn, B. L., DelVentura, J. L., Terry, E. L., & Rhudy, J. L. (2012, October). *The relationship between cortisol levels and emotional modulation of pain and the nociceptive flexion reflex in healthy women* [Poster session]. Annual Meeting of the Society for Neuroscience, New Orleans, LA.
80. Kuhn, B. L., Palit, S., **Kerr, K. L.**, Terry, E. L., DelVentura, J. L., Bartley, E. J., Shadlow, J. O., & Rhudy, J. L. (2012, October). *Pain catastrophizing and experimental pain in Native Americans* [Poster session]. Annual Meeting of the Society for Neuroscience, New Orleans, LA.
81. Palit, S., Bartley, E. J., Martin, S. L., **Kerr, K. L.**, Kuhn, B. L., DelVentura, J. L., Terry, E. L., Greenhaw, A. E., Güereca, Y. M., & Rhudy, J. L. (2012, October). *Endogenous modulation of pain and spinal nociception across the menstrual cycle* [Poster session]. Annual Meeting of the Society for Neuroscience, New Orleans, LA.
82. Simon, D., Bartley, E. J., Palit, S., Martin, S. L., **Kerr, K. L.**, Kuhn, B. L., DelVentura, J. L., Terry, E. L., & Rhudy, J. L. (2012, October). *Pain catastrophizing across the menstrual cycle: Association with menstrual distress and ovarian hormones* [Poster session]. Annual Meeting of the Society for Neuroscience, New Orleans, LA.
83. Terry, E. L., Bartley, E. J., Palit, S., Martin, S. L., **Kerr, K. L.**, Kuhn, B. L., DelVentura, J. L., Güereca, Y. M., & Rhudy, J. L. (2012, October). *Menstrual cycle phases differentially influence pain and spinal nociception, but not emotional modulation of these outcomes* [Poster session]. Annual Meeting of the Society for Neuroscience, New Orleans, LA.
84. DelVentura, J. L., Bartley, E. J., Palit, S., Martin, S. L., Kuhn, B. L., Terry, E. L., **Kerr, K. L.**, & Rhudy, J. L. (2012, May). *Conditioned pain modulation of pain and the nociceptive flexion reflex across the menstrual cycle in women with and without premenstrual dysphoric disorder* [Poster session]. Annual Meeting of the American Pain Society, Honolulu, HI.

85. Güereca, Y. M., Bartley, E. J., Martin, S. L., Palit, S., **Kerr, K. L.**, Terry, E. L., Kuhn, B. L., DelVentura, J. L., & Rhudy, J. L. (2012, May). *Emotional modulation of pain and the nociceptive flexion reflex across the menstrual cycle in women with and without premenstrual dysphoric disorder* [Poster session]. Annual Meeting of the American Pain Society, Honolulu, HI.
86. Palit, S., **Kerr, K. L.**, Kuhn, B. L., Terry, E. L., DelVentura, J. L., Bartley, E. J., & Rhudy, J. L. (2012, May). *Pain processing is altered in Native Americans* [Poster session]. Annual Meeting of the American Pain Society, Honolulu, HI.
87. **Kerr, K. L.**, Palit, S., Terry, E. L., & Rhudy, J. L. (2011, November). *Do psychological traits associated with eating disorders influence pain sensitivity?* [Poster session]. Annual Meeting of the Society for Neuroscience, Washington, D.C.
88. DelVentura, J. L., Terry, E. L., Bartley, E. J., **Kerr, K. L.**, & Rhudy, J. L. (2011, November). *Emotional modulation of pain is disrupted in persons with insomnia* [Poster session]. Annual Meeting of the Society for Neuroscience, Washington, D.C.
89. Martin, S. L., **Kerr, K. L.**, Terry, E. L., Palit, S., Kuhn, B., DelVentura, J. L., Bartley, E. J., & Rhudy, J. L. (2011, November). *State anxiety moderates the effects of paced breathing on pain perception, but not on spinal nociception* [Poster session]. Annual Meeting of the Society for Neuroscience, Washington, D.C.
90. Palit, S., **Kerr, K. L.**, Kuhn, B. L., Terry, E. L., DelVentura, J. L., Bartley, E. J., Shadlow, J. O., & Rhudy, J. L. (2011, November). *Native Americans have reduced pain sensitivity and reduced temporal summation of spinal nociception: A pilot study* [Poster session]. Annual Meeting of the Society for Neuroscience, Washington, D.C.
91. Bartley, E. J., **Kerr, K. L.**, DelVentura, J. L., Terry, E. L., & Rhudy, J. L. (2011, May). *Further validation of the emotional controls (ECON) paradigm: Emotional carry-over effects do not contaminate modulation by emotional pictures* [Poster session]. Annual Meeting of the American Pain Society, Austin, TX.
92. DelVentura, J. L., Terry, E. L., Bartley, E. J., Vincent, A. L., **Kerr, K. L.**, Olech, E., & Rhudy, J. L. (2011, May). *Preliminary evidence for differences in pain pathophysiology in fibromyalgia with and without depression* [Poster session]. Annual Meeting of the American Pain Society, Austin, TX.
93. Martin, S. L., **Kerr, K. L.**, Terry, E. L., Palit, S., Kuhn, B., DelVentura, J. L., Bartley, E. J., & Rhudy, J. L. (2011, May). *Paced breathing does not engage descending modulation of the nociceptive flexion reflex* [Poster session]. Annual Meeting of the American Pain Society, Austin, TX.

94. Palit, S., Vincent, A. L., Terry, E. L., Bartley, E. J., DelVentura, J. L., **Kerr, K. L.**, & Rhudy, J. L., (2011, May). *Testing order does not influence assessment of electrocutaneous pain threshold or nociceptive flexion reflex (NFR) threshold* [Poster session]. Annual Meeting of the American Pain Society, Austin, TX.
95. Terry, E. L., Vincent, A. L., DelVentura, J. L., Bartley, E. J., **Kerr, K. L.**, & Rhudy, J. L., (2011, May). *Major depressive disorder is associated with a disruption of supraspinal modulation of pain, but intact corticospinal modulation of spinal nociception* [Poster session]. Annual Meeting of the American Pain Society, Austin, TX.
96. **Kerr, K. L.**, Terry, E. L., Bartley, E. J., DelVentura, J. L., Vincent, A. L., & Rhudy, J. L. (2010, November). *Is anxiety sensitivity associated with temporal summation of pain and nociception?* [Poster session]. Annual Meeting of the Society for Neuroscience, San Diego, CA.
97. Martin, S. L., Terry, E. L., Bartley, E. J., DelVentura, J. D., Vincent, A., **Kerr, K. L.**, France, C. R., & Rhudy, J. L. (2010, November). *Pain catastrophizing is related to temporal summation of pain, but not temporal summation of spinal nociceptive processes* [Poster session]. Annual Meeting of the Society for Neuroscience, San Diego, CA.
98. Terry, E. L., Bartley, E. J., DelVentura, J. L., **Kerr, K. L.**, Vincent, A., France, C. R., & Rhudy, J. L. (2010, November). *Assessing hyperexcitability of spinal nociceptive processes in humans: Refining methods for temporal summation of the nociceptive flexion reflex* [Poster session]. Annual Meeting of the Society for Neuroscience, San Diego, CA.
99. Delventura, J. L., Bartley, E. J., Williams, A. E., **Kerr, K. L.**, & Rhudy, J. L. (2010, May). *Alexithymia does not moderate emotional modulation of pain and nociception* [Poster session]. Annual Meeting of the American Pain Society, Baltimore, MD.
100. Vincent, A., Williams, A. E., Bartley, E. J., **Kerr, K. L.**, & Rhudy, J. L. (2010, May). *Endogenous inhibition of trigeminal nociception is impaired in persons with severe headaches* [Poster session]. Annual Meeting of the American Pain Society, Baltimore, MD.
101. **Kerr, K. L.**, Bartley, E. J., & Rhudy, J. L. (2009, November). *The influence of the menstrual cycle on spinal nociceptive processes and pain perception* [Poster session]. Annual Meeting of the Oklahoma Psychological Association, Midwest City, OK.
102. DelVentura, J. L., Bartley, E. J., Williams, A. E., **Kerr, K. L.**, & Rhudy, J. L. (2009, November). *Do individual differences in alexithymia moderate the relationship between emotion and pain?* [Poster session]. Annual Meeting of the Oklahoma Psychological Association, Midwest City, OK.

103. Vincent, A., Williams, A. E., Bartley, E. J., **Kerr, K. L.**, & Rhudy, J. L. (2009, November). *The ability to inhibit pain signals is disrupted in persons with severe headaches* [Poster session]. Annual Meeting of the Oklahoma Psychological Association, Midwest City, OK.
104. **Kerr, K. L.**, Bartley, E. J., & Rhudy, J. L. (2009, October). *Does the menstrual cycle influence the relationship between spinal nociceptive processes and pain perception?* [Poster session]. Annual Meeting of the Society for Neuroscience, Chicago, IL.
105. DelVentura, J.L., Bartley, E. J., Russell, J. L., Chandler, M. C., **Kerr, K. L.**, & Rhudy, J. L. (2009, October). *The association between borderline personality traits and emotional modulation of physiological responses to noxious stimuli* [Poster session]. Annual Meeting of the Society for Neuroscience, Chicago, IL.
106. Vincent, A., Williams, A. E., Bartley, E. J., **Kerr, K. L.**, Chandler, M. C., Russell, J. L., McCabe, K. M., & Rhudy, J. L. (2009, October). *Emotional modulation of trigeminal pain and the nociceptive blink reflex (NBR) in persons with migraine* [Poster session]. Annual Meeting of the Society for Neuroscience, Chicago, IL.
107. DelVentura, J. L., Bartley, E. J., Chandler, M. C., **Kerr, K. L.**, Williams, A. E., McCabe, K. M., Russell, J. L., Rhudy, J. L. (2009, May). *Sex differences in emotional modulation of pain and nociception* [Poster session]. Annual Meeting of the American Pain Society, San Diego, CA.
108. Palit, S., Bartley, E. J., Chandler, M. C., **Kerr, K. L.**, Williams, A. E., McCabe, K. M., Russell, J. L., Rhudy, J. L. (2009, May). *Further validation of the emotional controls (ECON) paradigm: What types of emotional picture contents best modulate pain and nociception?* [Poster session]. Annual Meeting of the American Pain Society, San Diego, CA.
109. Terry, E. L., Bartley, E. J., Chandler, M. C., **Kerr, K. L.**, McCabe, K. M., Williams, A. E., Russell, J. L., Rhudy, J. L. (2009, May). *Simultaneously assessing the influence of habituation and emotion on pain and nociceptive processes* [Poster session]. Annual Meeting of the American Pain Society, San Diego, CA.
110. Vincent, A., Bartley, E. J., Chandler, M. C., **Kerr, K. L.**, Russell, J. L., Williams, A. E., McCabe, K. M., Rhudy, J. L. (2009, May). *Age and supraspinal modulation of pain: Emotional controls of nociception (ECON)* [Poster session]. Annual Meeting of the American Pain Society, San Diego, CA.
111. DelVentura, J. L., Bartley, E. J., Chandler, M. C., **Kerr, K. L.**, & Rhudy, J. L. (2009, March). *Sex differences in pain, emotion, and the modulation of pain*. Annual AAAS Conference, University of Tulsa, Tulsa, OK.

112. **Kerr, K. L.**, Bartley, E. J., Chandler, M. C., Main, E. J., McCabe, K. M., Russell, J. L., Lattimore, C. P., Williams, A. E., & Rhudy, J. L. (2008, November). *Drop-outs in experimental pain research: Are there differences in psychophysiological emotional processing?* [Poster session]. Annual Meeting of the Oklahoma Psychological Association, Tulsa, OK.
113. DelVentura, J. L., Bartley, E. J., Chandler, M. C., **Kerr, K. L.**, & Rhudy, J. L. (2008, November). *Sex differences in pain, emotion, and the interaction of emotion and pain* [Poster session]. Annual Meeting of the Oklahoma Psychological Association, Tulsa, OK.
114. Terry, E. L., Bartley, E. J., Chandler, M. C., **Kerr, K. L.**, & Rhudy, J. L., (2008, November). *Pain-evoked autonomic reactions: Assessing the influence of emotion and habituation* [Poster session]. Annual Meeting of the Oklahoma Psychological Association, Tulsa, OK.
115. Vincent, A. L., Bartley, E. J., Chandler, M. C., **Kerr, K. L.**, & Rhudy, J. L. (2008, November). *The influence of age on pain and emotion* [Poster session]. Annual Meeting of the Oklahoma Psychological Association, Tulsa, OK.
116. **Kerr, K. L.**, Bartley, E. J., Chandler, M. C., Main, E. J., McCabe, K. M., Russell, J. L., Lattimore, C. P., Williams, A. E., & Rhudy, J. L. (2008, October). *Drop-outs in experimental pain research: Are there differences in psychophysiological emotional processing?* [Poster session]. Annual Meeting of the Society for Psychophysiological Research, Austin, TX.
117. Bartley, E. J., Main, E. J., Williams, A. E., McCabe, K. M., Russell, J. L., Chandler, M. C., Lattimore, C. P., **Kerr, K. L.**, & Rhudy, J. L. (2008, October). *Affective processing in migraine-type headache: Psychophysiological responses to emotionally-charged stimuli* [Poster session]. Annual Meeting of the Society for Psychophysiological Research, Austin, TX.