

## Publications

### Peer-reviewed Articles (\* indicates student author):

1. Bukach, C., \*Stewart, K., Couperus, J.W., & **Reed, C.L.** (2019) Using Collaborative Models to Overcome Obstacles to Undergraduate Publication in Cognitive Neuroscience. *Frontiers in Psychology*. 10:549. DOI: <https://doi.org/10.3389/fpsyg.2019.00549>
2. \*Vyas, D., \*Garza, J.P., & **Reed, C.L.** (2019). [Hand function, not proximity, biases visuotactile integration later in object processing: An ERP study.](#) *Consciousness and Cognition*, Jan 24;69:26-35. DOI: <https://doi.org/10.1016/j.concog.2019.01.007>
3. \*Siqi-Liu, A., Harris, A.M., Atkinson, A.P., & **Reed, C.L.** (2018). Dissociable processing of emotional and neutral body movements revealed by  $\mu$ -alpha and beta Rhythms: Evidence from EEG. *Social, Cognitive and Affective Neuroscience*, 12(12), 1269-1279. DOI: <https://doi.org/10.1093/scan/nsy094>
4. Moody, E.J., **Reed, C.L.**, \*Van Bommel, T., \*App, B., & McIntosh, D.N. (2018). Emotional mimicry beyond the face: Rapid face and body responses to facial expressions. *Social Psychological and Personality Science*, 9(7), 844-852. DOI: <https://doi.org/10.1177/1948550617726832>
5. Reed, C.L., \*Garza, J.P. & \*Vyas, D., (2018). Feeling but not seeing the hand: Occluded hand position reduces the hand proximity effect in ERPs. *Consciousness and Cognition*, 64, 154-163. DOI: <https://doi.org/10.1016/j.concog.2018.04.012>
6. \*Garza, J.P., **Reed, C.L.** & Roberts, R.R. (2018). Attention orienting near the hand following performed and imagined actions. *Experimental Brain Research*, 236(110), 2603-2610. DOI: <https://doi.org/10.1007/s00221-018-5307-2>
7. \*Morrisey, M., **Reed, C.L.**, McIntosh, D.N. & Rutherford, M. (2018). Brief Report: Attentional cueing to images of social interactions is automatic for neurotypical Individuals but not those with ASC. *Journal of Autism and Developmental Disorders*, 48(9), 3233-3243. DOI: <https://doi.org/10.1007/s10803-018-3592-z>
8. \*Green, D., Harris, A., \*Young, A., & **Reed, C.L.** (2018). Embodied valuation: Action is associated with item values. *Quarterly Journal of Experimental Psychology*, 71(8), 1734-1747. DOI: <https://doi.org/10.1080/17470218.2017.1360370>
9. **Reed, C.L.**, Bukach, C., \*Garber, M., & McIntosh, D.N. (2018). Relative independence of face and body posture processing. *Perception*, 47(6), 626-646. DOI: <https://doi.org/10.1177/0301006618771270>
10. **Reed C.L.**, \*Clay, S.N, Leland DS,\*Kramer A & Hartley AA. (2017) Attentional Effects of Hand Proximity Occur Later in Older Adults: Evidence from Event-related Potentials. *Psychology and Aging*, 32(8), 710-721. DOI: <https://doi.org/10.1037/pag0000207>
11. \*Clay, S.N., Clithero, J.A., Harris, A., & **Reed, C.L.** (2017). Loss aversion reflects information processing, not bias: A drift diffusion model study. *Frontiers in Psychology*, 8(1708). DOI: <https://doi.org/10.3389/fpsyg.2017.01708>
12. Harris, A., \*Vyas, D., & **Reed, C.L.** (2016). Holistic processing of body postures and parts. *Psychological Bulletin and Review*, 23, 1513–1519. DOI: <https://doi.org/10.3758/s13423-016-1027-4>
13. \*Park, G., & **Reed, C.L.** (2015). Haptic over visual information in the distribution of visual attention after tool-use in near and far space. *Experimental Brain Research*, 233, 2977-2988.
14. \*Park, G., & **Reed, C.L.** (2014). Non-uniform changes in the distribution of visual attention from visual complexity and action: A driving simulation study. *Perception*, 43, 129-144.

15. **Reed CL**, Leland DS, \*Brekke B, & Hartley AA (2013) Attention's grasp: early and late hand proximity effects on visual evoked potentials. *Frontiers in Psychology*, 4, 420. DOI: <https://doi.org/10.3389/fpsyg.2013.00420>
16. \*Garza, J., \*Strom, M., Wright, C.E, Roberts, R., & **Reed, C.L.** (2013). Top-down influences mediate hand bias in spatial attention, *Attention, Perception, & Psychophysics*, 75, 819-823.
17. \*Park, G., \*Strom, M., & **Reed, C.L.** (2013). To the end! Distribution of attention along a tool in peri- and extrapersonal space. *Experimental Brain Research*, 227, 423-432.
18. \*Kline, S. & **Reed, C.L.** (2013). Altered perception: The influence of dimension, speed, and direction on time perception. *Attention, Perception & Psychophysics*, 75, 161-167. DOI: <https://doi.org/10.3758/s13414-012-0370-4>
19. **Reed, C.L.**, \*Nyberg, A., & \*Grubb, J. (2012). The embodiment of perceptual expertise and configural processing. *Perception*, 41, 436-446.
20. **Reed, C.L.**, Cahn, S.J., \*Cory, C. & Szaflarski, J.P. (2012). Impaired perception of harmonic complexity in congenital amusia: A case study. *Cognitive Neuropsychology*, 28, 305-321.
21. \*App, B., **Reed, C.L.**, & McIntosh, D.N. (2012). Perceiving emotional state and motion intention in whole-body displays: Relative contributions of face and body configurations. *Cognition and Emotion*, 26, 690-698.
22. \*Wilbarger, J., **Reed, C.L.**, & McIntosh, D. (2011). Implicit influence of affective postures on the perception of others: You can't show me how I feel. *Emotion*, 11(3), 481-491. DOI: <http://dx.doi.org/10.1037/a0023271>
23. \*App, B., McIntosh, D. N., **Reed, C. L.** & Hertenstein, M. (2011). Nonverbal channel use in communication of emotion: How may depend on why. *Emotion*, 11, 603-617.
24. \*Gervais, W., **Reed, C.L.**, \*Beall, P., & Roberts, R.J., Jr. (2010). Implied body action directs spatial attention. *Attention, Perception & Psychophysics*, 72, 1437-1443.
25. **Reed, C.L.**, \*Betz, R., \*Garza, J., & Roberts, R. (2009) Grab it! Biased attention for functional hand and tool space. *Attention, Perception & Psychophysics*, 72, 236-245.
26. **Reed, C.L.**, Hagler, D., Marinkovic, K., Dale, A.M., & Halgren, E. (2009). Sequences of cortical activation for tactile pattern discrimination using magnetoencephalography. *NeuroReport*, 20, 941-945.
27. \*Beall, P.M., \*Moody, E.J., McIntosh, D.N., Hepburn, S.L., & **Reed, C.L.** (2008) Rapid facial reactions to emotional facial expressions in typical and autistic children. *Journal of Experimental Child Psychology. Special edition on Imitation*, 101: 206–223.
28. \*Grubb, J.D., **Reed, C.L.**, \*Bate, S., \*Garza, J., & Roberts, R. J., Jr. (2008). Walking reveals trunk orientation bias for attention. *Perception & Psychophysics*. 70, 688-696.
29. **Reed, C.L.**, & \*McGoldrick, J.E. (2007). Action during body perception: Processing time affects self-other correspondences. *Social Neuroscience*, 2, 134-149.

#### Conference Presentations (\* indicates student co-author)

1. **Reed, C.L.**, Berlin, M.K., Diamond, E., Potter, H.M. Jo, A., Kim, J.H., Saikley, A. Couperus, J.W., & Bukach, C.M. (2019, November). It's not just the age, it's the emotion: Own age bias is mediated by emotion. Presented at the 59<sup>th</sup> meeting of the Psychonomics Society, Montreal, Quebec, CA.

2. \*Lowe, A., \*Hollis, J., \*Roy, J., \*Okabe, T., Bukach, C., **Reed, C.**, Couperus, J.W. Working Memory, short term visual memory and the N400. (2019, September). Presented at the 59th meeting of the Society for Psychophysiological Research, Washington, DC
3. \*Berlin, M.K., \*Diamond, E., \*Potter, H.M. \*Jo, A., \*Kim, J.H., \*Saikley, A. Couperus, J.W., Bukach, C.M., & **Reed, C.L.** (2019, September). It's not just the age, it's the emotion: Own age bias is mediated by emotion. Presented at the meeting of the Society for Psychophysiological Research, Washington, DC.
4. **Reed, C.L.**, \*Lodge, M., \*Siqi-Liu, A., \*Berlin, M., \*Hagen, E., \*Jo, A., \*Burre, A., \*Saikley, A., \*Zeledon, J., Couperus, J., & Bukach, C. (2019, May). Anxiety, Depression, and their Comorbidity Influence Neural Responses to Errors. Paper presented at the Visual Science Society, St. Pete Beach, FL.
5. \*Borgatti, S., \*Hollis, J., \*Lydic, K., \*Pestana, Z., \*Lowe, A., \*Welty, H., \*Aming, C., Bukach, C., **Reed, C.**, Couperus, J. (2019, March). *The N2pc and Individual Differences in Working Memory*. Paper presented at the Cognitive Neuroscience Society Annual Meeting. San Francisco, CA.
6. \*Siqi-Liu, A., Harris, A., Atkinson, A.P., & **Reed, C.L.** (2019, March). Dissociable processing of emotional and neutral body movements revealed by  $\mu$ -alpha and beta Rhythms: Evidence from EEG. Paper presented at the 26<sup>nd</sup> Meeting of the Cognitive Neuroscience Society, San Francisco, CA.
7. \*Mueller, E., Wood, S.A., Hanoch, Y., Huang, Y., Klapatch, L., Paul, J., **Reed, C.L.**, & Xi, P.M. (2018, November). Older and wiser: An investigation into the relationship between aging, emotional intelligence, and susceptibility to financial scams. Presented at the Gerontological Society of America, Boston, MA.
8. \*Park, G., & **Reed, C.L.** (2018, November). Tool actions in far & near space affect the distribution of visual attention along the tool. Presented at the 58<sup>th</sup> meeting of the Psychonomics Society, New Orleans, LA.
9. \*Liu, S., Harris, A., Atkinson, A.P., & **Reed, C.L.** (2018, November). Understanding you through me: Neural Simulation of Others' Emotional Body Language. Presented at the 58<sup>th</sup> meeting of the Psychonomics Society, New Orleans, LA.
10. \*Laskowitz, S., \*Deutsch, A., \*Cole, Z.J., \*Jackson, W., \*Cinge, C., \*Sathe, A., \*Munezero, P., \*Kade, P., Couperus, J.W., **Reed, C.L.**, & Bukach, C.M. (2018, November). Angry Bias for Black Male Faces Associated with Increased Other-Race Effect for Identity during Visual Discrimination. Presented at the 58<sup>th</sup> meeting of the Psychonomics Society, New Orleans, LA.
11. \*Laskowitz, S., \*Deutsch, A., \*Cole, Z.J., \*Jackson, W., \*Cinge, C., \*Sathe, A., \*Munezero, P., \*Kade, P., Couperus, J.W., **Reed, C.L.**, & Bukach, C.M. (2018, May). Angry Bias for Black Male Faces Associated with Increased Other-Race Effect for Identity during Visual Discrimination. Presented at the 30th meeting of the Association for Psychological Science's Teaching Institute, San Francisco, CA.
12. \*Lodge, M., \*Liu, S., \*Berlin, M., \*Hagen, E., \*Jo, A., \*Burre, A., \*Cole, Z., Couperus, J., Bukach, C., & **Reed, C.L.** (2018, May). Oh X!#@\$: Individual Differences in Inhibition and Abstract Reasoning Influence Neural Responses to Errors? Presented at the 30th meeting of the Association for Psychological Science, San Francisco, CA.
13. \*Liu, S., \*Lydic, K., \*Lodge, M., \*Hagen, E., \*Berlin, M., \*Jo, A., \*Burre, A., \*Cole, Z., Couperus, J., Bukach, C., & **Reed, C.L.** (2018, May). Individual Differences in Working Memory and Abstract Reasoning Modulate the P3 Response. Presented at the 30<sup>th</sup> meeting of the Association for Psychological Science, San Francisco, CA.

14. \*Young, A., \*Hughson, L., \*Green, D., Harris, A., Doan, S., Hughson, E., & **Reed, C.L.** (2018, May). Perceived Relative Social Status and Cognitive Load Influence Acceptance of Unfair Offers in the Ultimatum Game. Presented at the 30th meeting of the Association for Psychological Science, San Francisco, CA.
15. Harris, A., \*Jo, A., \*Lodge, M., \*Zeledon, J., \*Saikley, A., & **Reed, C.L.** (2018, May). Segmentation of the Human Body: How Does the Visual System Define Body Parts? Presented at the 30<sup>th</sup> meeting of the Association for Psychological Science, San Francisco, CA.
16. \*Jackson, W., \*Song, J., \*Steward, K., Couperus, J.W., **Reed, C.L.**, & Bukach, C.M. (May 2018). *Interactive*
17. *Neuroscience: Creating Interactive Web-Based Simulations to Demonstrate Difficult Concepts through Student-Faculty Collaboration.* Presented at the 30th meeting of the Association for Psychological Science's 25<sup>th</sup> Teaching Institute, San Francisco, CA.
18. \*Hagen, E., Couperus, J.W., Bukach, C.M., & **Reed, C.L.** (2018, May). *Visualizing Neuroscience: Applying Best Practices When Creating Animations of Difficult Concepts.* Presented at the 30th meeting of the Association for Psychological Science's 25<sup>th</sup> Teaching Institute, San Francisco, CA.
19. \*Lydic, K., \*Nwanwko, F., \*Hollis, J., Bukach, C.M., **Reed, C.L.**, & Couperus, J.W. (Feb. 2018). *Individual Differences in Perceived Stress and Anxiety and the P3 Response.* Northeast Under/graduate Research Organization for Neuroscience (NEURON) Conference 2018, North Haven, CT.
20. \*Green, D., Harris, A., \*Young, A., & **Reed, C.L.** (2017, November). Embodied valuation: Action is associated with item values. Paper presented at the 57<sup>th</sup> meeting of the Psychonomic Society, Vancouver, Canada.
21. **Reed, C.L.**, Harris, A., \*Lodge, M., & \*Gaither, G. (2017, May). *Segmentation of the Human Body: How Does the Visual System Define Body Parts?* Paper presented at the Visual Science Society, St. Pete Beach, FL.
22. **Reed, C.L.**, Moody, E.J., \*Van Bommel, T., \*App, B., & McIntosh, D.N. (2017, March). Emotional mimicry beyond the face: Rapid face and body responses to facial expressions. Paper presented at the 24<sup>nd</sup> Meeting of the Cognitive Neuroscience Society, San Francisco, CA.
23. **Reed, C.L.**, \*McGoldrick, J.E., & Bukach, C., (2016, November). The ups and downs of holistic body processing: Differences in orientation specificity for short and long-term memory tasks. Paper presented at the 56<sup>th</sup> meeting of the Psychonomic Society, Boston, MA.
24. \*Clay, S.N., Clithero, J.A., Harris, A., & **Reed, C.L.** (2016, November). Loss aversion reflects information processing, not bias: A drift diffusion model. Paper presented at the 56<sup>th</sup> meeting of the Psychonomic Society, Boston, MA.
25. \*Clay, S., Harris, A., \*Green, D., & **Reed, C.L.** (2016, November). Loss aversion affects inhibitory processes for reward as indicated by inhibition of return. Paper presented at OPAM, Boston, MA.
26. \*Clay, S., Harris, A., \*Green, D., & **Reed, C.L.** (2016, May). Loss aversion affects inhibitory processes for reward as indicated by inhibition of return. Paper presented at the Visual Science Society, St. Pete Beach, FL.
27. **Reed, C.L.**, \*Vyas, D., \*Garza, J., \*Bush, W., & Vecera, S. (2016, May). Proprioceptive influences on the processing of visual targets: An ERP study. Paper presented at the Visual Science Society, St. Pete Beach, FL.
28. **Reed, C.L.**, \*Bush, W., \*Vyas, D., & Vecera, S. (2015, November). Does hand function bias the neural processing of visual targets? An ERP Study. Paper presented at the 55<sup>th</sup> meeting of the Psychonomic Society, Chicago, IL.

29. Bukach, C., Couperus, J., Kieffaber, P., & **Reed, C.L.** (2015, May). Preparing Undergraduates for STEM-related fields Using Electrophysiology (PURSUE). Paper presented at the 27<sup>th</sup> meeting of the Association for Psychological Science, New York, NY.
30. **Reed, C.L.**, \*Vyas, D., & Harris, A. (2015, May). Holistic processing of body postures. Paper presented at the Visual Science Society, St. Pete Beach, FL.
31. \*Kramer, A., \*Clay, S.N., Hartley, A.A., Leland, D.S., **Reed, C.L.** (2015, March). Age-related differences in early and late hand proximity effects on visual evoked potentials. Paper presented at the 22<sup>nd</sup> Meeting of the Cognitive Neuroscience Society, San Francisco, CA.
32. \*Clay, S.N., Harris, A., & **Reed, C.L.** (2014, May). Individual differences influence learning of risk distribution. Paper presented at the 26<sup>th</sup> meeting of the Association for Psychological Science, San Francisco, CA.
33. \*Kramer, A., \*Clay, S.N., Hartley, A.A., Leland, D.S., **Reed, C.L.** (2014, May). Age-related differences in early and late hand proximity effects on visual evoked potentials. Paper presented at the 26<sup>th</sup> meeting of the Association for Psychological Science, San Francisco, CA.
34. **Reed, C.L.**, \*Bush, W., \*Garza, JP, \*Nagar, N., \*Parikh, N., & Vecera, S. (2014, May). Hand location affects visual processing under distributed but not focused spatial attention: An electrophysiological study. Paper presented at the 26<sup>th</sup> meeting of the Association for Psychological Science, San Francisco, CA.
35. **Reed, C.L.**, \*Bush, W., \*Parikh, N., \*Nagar, N., \*Garza, JP, & Vecera, S. (2014, April). Hand location affects visual processing under distributed but not focused spatial attention. Paper presented at the 21<sup>th</sup> Meeting of the Cognitive Neuroscience Society, Boston, MA.
36. \*Vincente, B., McIntosh, D., & **Reed, C.L.** (2014, February). Perceptual goal and absence of facial information influence use of others' body in judging emotion, status, and threat. Paper presented at the 15<sup>th</sup> meeting of the *Society for Personality and Social Psychology*, Austin, TX.
37. \*Morrisey, M., **Reed, CL**, McIntosh, DN., & Rutherford, M. (2013, November). Covert attentional orienting to implied human action in adults with autism. Paper presented at the 53<sup>rd</sup> Meeting of the Psychonomic Society, Toronto, Canada.
38. \*Park, G., & **Reed, CL.** (2013, November). Relative contributions of vision and proprioception to attention during tool use. Paper presented at the 53<sup>rd</sup> Meeting of the Psychonomic Society, Toronto, Canada.
39. **Reed, C.L.**, \*Manzella, R., \*Blattman, A., Reed, W.A., & McIntosh, D.N. (2013). *Where do we look when we look for emotion? The influence of cognitive and affective primes on fixations to the face and body.* Paper presented at the Visual Science Society, Naples, FL.
40. Leland, D.S., \*Brekke, B., Hartley, A., & **Reed, C.L.** (April, 2013). Attention's grasp: Early and late hand proximity effects on visual evoked potentials. Paper presented at the 20<sup>th</sup> Meeting of the Cognitive Neuroscience Society, San Francisco, CA.
41. \*Vincente, B., McIntosh, D., & **Reed, C.L.** (2014, February). Does judgment type moderate use of nonverbal social cues in judgments of threat, status & emotion? Paper presented at the 14<sup>th</sup> meeting of the *Society for Personality and Social Psychology*, Austin, TX.
42. **Reed, CL**,\* Park, G., & \*Strom, M. (May, 2012). To the end! Distribution of attention along a tool in peri- and extrapersonal space. Paper presented at the Visual Science Society, Naples, FL.
43. Leland, DS, **Reed, CL**, \*Bradley, JL, \*Jablonski, PM, & \*Kroner, KA. (April, 2012). Incentive effects on behavior and P3 in a go/nogo paradigm with lottery-type reward. Paper presented at the 19<sup>th</sup> Meeting of the Cognitive Neuroscience Society, Chicago, IL.

44. **Reed, C.L.**, \*Brekke, B., Leland, D., & Hartley, A. (2011, November). Electrophysiology of embodied attention: Hand influences in visual N1, P1, and P3. Paper presented at the 51<sup>th</sup> Meeting of the Psychonomic Society, Seattle, WA.
45. **Reed, C.L.**, \*Garber, M., & McIntosh, D.N. (2011, May). Relative Independence of Face and Body Posture Processing. Paper presented at the Visual Science Society, Naples, FL.
46. \*Park, G., & **Reed, C.L.** (2010, September). The effects of context and steering a driver's functional field of view.
47. Paper presented at the 54<sup>th</sup> annual meeting of the Human Factors and Ergonomic Society.
48. \*Kline, S., & **Reed, C.L.** (2010, May). Temporal Illusions: how approaching stimuli influence interval timing. Paper presented at the meeting of the Association for Psychological Science, Boston, MA.
49. \*Wudke-Robles, M., **Reed, C.L.**, & McIntosh, D.N. (2010, May). What drives where we look for emotional faces?
50. Paper presented at the meeting of the Association for Psychological Science, Boston, MA.
51. Leland, D., Reed, C.L., \*Strom, M., & \*Garza, J. (2010, April). Electrophysiology of selective attention toward graspable space. Paper presented at the 17<sup>th</sup> Meeting of the Cognitive Neuroscience Society, Montreal, Canada.
52. \*Garza, J., **Reed, C.L.**, & Snyder, K. (2009, November). Neural mechanisms of hand-based effects on visual attention: An ERP study. Paper presented at the 49<sup>th</sup> Meeting of the Psychonomic Society, Boston, MA.
53. **Reed, C.L.**, \*Wilbarger, J., & McIntosh, D.N. (2009, May). You don't feel what I am feeling: Emotional postures influence perceptions of others. Paper presented at the meeting of the Association for Psychological Science, San Francisco, CA.
54. \*Strom, M., **Reed, C.L.**, & Wright, C.E. (2009, May). Embodied spatial attention: effects of cue and response. Paper presented at Psychology Undergraduate Research Conference, UCLA, Los Angeles, CA.
55. \*App, B., McIntosh, D.N., & **Reed, C.L.** (2009, February) Relative importance of facial and body expressions in determining action intentions and emotion. 10<sup>th</sup> Meeting of the Society for Personality and Social Psychology, Tampa, FL.
56. Reed, C.L., Beall, P., & McIntosh, D.N. (2008, November). Relation between load independence and configural processing for face recognition. Paper presented at the 48<sup>th</sup> Meeting of the Psychonomic Society, Houston, TX.
57. \*App, B., \*Van Bommel, T., McIntosh, D.N., **Reed, C.L.**, & Moody, E.J. (2008, February) Mimicking what is done or what is meant? Understanding the mechanisms of mimicry. 9<sup>th</sup> Meeting of the Society for Personality and Social Psychology, Albuquerque, NM.