

MARIAN E. BERRYHILL, PhD
 UNIVERSITY OF NEVADA
 PROGRAM IN COGNITIVE AND BRAIN SCIENCES
 PROGRAM IN INTEGRATIVE NEUROSCIENCE
 DEPARTMENT OF PSYCHOLOGY / MAIL STOP 296
 RENO, NV 89557
 PHONE: (775) 682-8692
 E-MAIL: MBERRYHILL@UNR.EDU

ACADEMIC APPOINTMENTS

2022 – present	University of Nevada	Professor
2019 – present	University of Nevada	Associate Chair, Psychology
2010 – 2022	University of Nevada	Assistant/Associate Professor
2007 – 2010	Temple University Dept. of Psychology	Postdoctoral Fellow Mentor: Ingrid R. Olson, PhD
2006 – 2010	University of Pennsylvania Center for Cognitive Neuroscience	Postdoctoral Fellow

EDUCATION

2006	Dartmouth College	Ph.D. Cognitive Neuroscience Advisor: Howard C. Hughes,
1998	Hamilton College	B.A. <i>Magna Cum Laude</i> Psychobiology (Honors) and French Advisor: George A. Gescheider

ACADEMIC AWARDS AND HONORS

2025	UNR Westfall Scholar Mentor*	Lena Kemmelmeier, Spring
2024	UNR Gene Lemay Award for Excellence in Teaching	<i>Nominee</i>
2020	UNR Grad. Student Assoc. Vada Trimble Outstanding Graduate Mentor Award	
2020	UNR Senior Scholar Mentor	Julia Jensen, Fall
2020	UNR Westfall Scholar Mentor*	Neuroscience, Julia Jensen, F
2020	UNR Gene Lemay Award for Excellence in Teaching	<i>Finalist</i>
2019	UNR Westfall Scholar Mentor*	Brent Gonda, Fall
2018	UNR Alan Bible Teaching Award	<i>Runner-up</i>
2018	UNR Paul and Judy Bible Teaching Award	<i>Nominee</i>
2016	Rocky Mountain Psychological Assoc.	Early Career Award
2013	UNR	Dean's Award for Research
2006	Dartmouth College	Marie Center 1982 Research Award
2004	Dartmouth College	Summer Inst. in Cognitive Neuroscience
2004	Dartmouth College	Filene Grad Teaching Award
1998	Hamilton College	B.F. Skinner Research Award
1998	Hamilton College	Phi Beta Kappa
1997	Hamilton College	Psi Chi, Psych Honor Society
1997	Hamilton College	Phi Sigma Iota, Honor Soc
1997	Hamilton College	Bristol-Myers Fellow

**Westfall Scholar Mentor*: Mentor chosen by student with the highest GPA in the major

PUBLICATIONS

(Undergraduate and graduate student co-authors are italicized.)

Google Scholar Statistics: Citations: 5518; h-index: 40; i-10 index: 64

85. Richmond, L. & **Berryhill, M.E.** (2025) Frontiers Editorial: Synthesizing Memory: Integrating Across Fields and Levels of Scale. *Frontiers in Cognition*.
Note: Overview editorial for Special Topic I co-organized.

84. Pablo, J., Shires, J., Castellanos, J., Kapila, M., & **Berryhill, M.E.** (2025). Changed Detection: No relationship between working memory and media usage in Covid-era and contemporary young adults. *Attention, Perception & Psychophysics*,
<https://doi.org/10.3758/s13414-025-03063-0>.

83. Pablo, J.N., Shires, J., Torrens, W.A., Kemmelmeier, L.L., Haigh, S.M., & **Berryhill, M.E.** (2025). Identifying Overlapping and Distinctive Traits in Subclinical Autism and Schizophrenia Using Machine Learning Classification. *Cognitive Neuropsychiatry*, 1-23,
<https://doi.org/10.1080/13546805.2025.2464728>.

82. **Berryhill, M.E.** (2024) The Memory Section Mission. *Frontiers in Cognition*, 10.3389/fcogn.2024.1415643. *Note:* Journal Section Mission Statement

81. Torrens, W., Pablo, J.N., Shires, J.E., Haigh, S.M. & **Berryhill, M.E.** (2024) Pattern glare sensitivity distinguishes subclinical autism and schizotypy. *Cognitive Neuropsychiatry*, 155-172.
<https://doi.org/10.1080/13546805.2024.2335103>

80. Taylor, M., **Berryhill, M.E.**, Mathew, D., & Murray, N. (2024) Elevated smooth pursuit gain values in collegiate athletes with sport-related concussion immediately following injury. *J. Ophthalmic and Vision Research*, 19(2), 227-234. doi: 10.18502/jovr.v19i2.12348.

79. **Berryhill, M.E.** (2023). Capturing post-pandemic changes in research participants. *TINS*, 10:S0166-2236(23)00246-1. doi: 10.1016/j.tins.2023.10.005.
Note: Science & Society Article

78. McNerney, W.M., Gurkoff, G.G., Beard, C., & **Berryhill, M.E.** (2023) Rehabilitation Potential of Neurostimulation for Traumatic Brain Injury from Animal and Human Studies. *Brain Sci.*, 13(10), 1402; <https://doi.org/10.3390/brainsci13101402>.

77. McDonald, M.A., Meckes, S.J., Shires, J., **Berryhill, M.E.**, & Lancaster, C.L. (2024). Augmenting Virtual Reality Exposure Therapy for Social Anxiety with Transcranial Direct Current Stimulation: A Randomized Clinical Trial. *J. ECT*, 40(1), 51-60. DOI: 10.1097/YCT.0000000000000967.

76. Haigh, S.*, **Berryhill, M.E.***, Kilgore-Gomez, A., & Dodd, M. (2023). Working Memory and Sensory Memory in Schizotypy: An Avenue for Understanding Schizophrenia? *European Journal of Neuroscience*, 57 (9), 1577-1596, DOI: 10.1111/ejn.15961. *Co-first authors.

75. Veliz, P.T., & **Berryhill, M.E.** (2023) Gender Differences in Adolescents' Affective Symptoms and Behavioral Disorders after Recent and/or Past mTBI. *Journal of Head Trauma Rehabilitation*, DOI: 10.1097/HTR.0000000000000851.

74. Torrens, W.A., Pablo, J., Shires, J., Haigh, J., & **Berryhill, M.E.** (2023). People with High Schizotypy Experience More Illusions in the Pattern Glare Test: Evidence Supporting the

Hyperexcitability Hypothesis. *European Journal of Neuroscience*, 57, 388-399. <https://doi-org.unr.idm.oclc.org/10.1111/ejn.15886>.

73. Martin, D., **Berryhill, M.E.** & Dielenberg, V. (2022) Can brain stimulation enhance cognition in clinical populations? A Critical Review. *Restorative Neurology and Neuroscience*, 40(4-6), 241-259, doi: 10.3233/RNN-211230.

72. Desrochers, T.M., Ahuja, A., Maechler, M., Shires, J., Rodriguez, N.Y., **Berryhill, M.E.** (2022). Caught in the ACTS: Defining Abstract Cognitive Task Sequences as an Independent Process. *Journal of Cognitive Neuroscience*, 34 (7): 1103–1113, doi.org/10.1162/jocn_a_01850.

71. Johnson, E., Arciniega, H., Jones, K., Kilgore-Gomez, A. & **Berryhill, M.E.** (2022). Individual predictors and electrophysiological signatures of working memory enhancement in aging. *NeuroImage*, 250, doi.org/10.1016/j.neuroimage.2022.118939

70. **Berryhill, M.E.*** & Desrochers, T.M.* (2021). Addressing Gender Gaps in Research: Insights from a Women in Neuroscience Conference. *TINS*, 44(6), 419-421. <https://doi.org/10.1016/j.tins.2021.03.004>. *Equal co-authors. *Science & Society Article*

69. Arciniega, H.A., Shires, J.S., Furlong, S., Kilgore-Gomez, A., Cerreta, A., Murray, N. and **Berryhill, M.E.** (2021). Impaired visual working memory and reduced connectivity in undergraduates with a history of mild traumatic brain injury. *Scientific Reports*, 11(1):2789. doi: 10.1038/s41598-021-80995-1.

68. Cerreta, A.G.B., Mruczek, R.M., & **Berryhill, M.E.** (2020). Using resting state MRI to predict the working memory benefits of frontoparietal atDCS. *Frontiers in Psychology – Cognitive Science*, 11, 2627.

67. Shires, J., Carrasco, C., & **Berryhill, M.E.** (2020). No tDCS augmented working memory training benefit in undergraduates rewarded with course credit. *Brain Stimulation*, 13;6, 1524-1526, doi: 10.1016/j.brs.2020.08.015.

66. Kilgore-Gomez, A., Arciniega, H., & **Berryhill, M.E.** (2020). The Effects of Concussion Can Be Long-Lasting*. *Frontiers for Young Minds*, 8:57. doi: 10.3389/frym.2020.00057
*Note, this is an article written for school children and peer-reviewed by children. It describes work completed in the Arciniega et al., 2019, AP&P paper.

65. Arciniega, H., Kilgore-Gomez, A., McNeerney, M.W., Lane, S. & **Berryhill, M.E.** (2020). Loss of Consciousness, but not Etiology, Predicts Better Working Memory Performance Years after Concussion. *Journal of Clinical and Translational Research*, 5(S4): 3. <http://dx.doi.org/10.18053/jctres.05.2020S4.003>

64. Jones, K., Johnson, E., & **Berryhill, M.E.** (2020). Frontoparietal theta-gamma interactions track working memory enhancement with training and tDCS. *NeuroImage*, 211, 116615, doi.org/10.1016/j.neuroimage.2020.116615

63. Murray, N.G., Szekely, B., Reed-Jones, R.J., Islas, A., Munkasy, B., **Berryhill, M.E.** & Gore, R. (2019). Sport-related concussions may rely on larger and faster saccadic eye movements during a sport-like visual task. *J. Neurotrauma*, 37 (2) 340-346. Doi.org/10.1089/neu.2019.6595

62. Jones, K.T., Arciniega, H., & **Berryhill, M.E.** (2019). Replacing tDCS with theta tACS provides selective, but not general WM benefits. *Brain Research*, 1720, doi.org/10.1016/j.brainres.2019.146324
61. Arciniega, H., Harris, A.M., Kilgore-Gomez, A., McBride, J., Fox, E., Peterson, D.J., & **Berryhill, M.E.** (2019). Working memory deficits in undergraduates with a history of mild traumatic brain injury. *Attention, Perception & Psychophysics*, 81, 2597-2603, <https://doi.org/10.3758/s13414-019-01774-9>.
60. Cerreta A.G.B., Vickery T.J., & **Berryhill ME.** (2019). Visual statistical learning deficits in memory-impaired individuals. *Neurocase*, 24(5-6), 259-265. doi: 10.1080/13554794.2019.1579843.
59. Mruczek, R.E.B., Killebrew, K., & **Berryhill, M.E.** (2019). Individual differences reveal limited mixed-category effects during a visual working memory task. *Neuropsychologia*, 122, 1-10, doi.org/10.1016/j.neuropsychologia.2018.12.005
58. **Berryhill, M.E.** & Martin, D. (2018). Cognitive Effects of Transcranial Direct Current Stimulation in Healthy and Clinical Populations: An Overview. *J. ECT*, e25-e35; doi: 10.1097/YCT.0000000000000534.
57. Arciniega, H., Gözenman, F., Jones, K.T., Stephens, J.A., & **Berryhill, M.E.** (2018). Frontoparietal tDCS Benefits Visual Working Memory in Older Adults With Low Working Memory Capacity. *Frontiers in Aging Neuroscience*, 10:57. doi: 10.3389/fnagi.2018.00057; PMCID: PMC5859363.
56. Killebrew, K., Gurariy, G., Peacock, C.E., & **Berryhill, M.E.**, & Caplovitz, G.P. (2018). Encoding-related SSVEPs during a full report WM paradigm. *Cognitive, Affective, and Behavioral Neuroscience*, 18(2), 353-365. doi: 10.3758/s13415-018-0574-8. PMCID: PMC5889755.
55. Vickery, T.J., Park, S.H., Gupta, J., & **Berryhill, M.E.** (2018). Tasks determine what is learned in visual statistical learning. *Psychonomic Bulletin & Review*, 25(5), 1847-1854, DOI: <https://doi.org/10.3758/s13423-017-1405-6>.
54. Stephens, J.A., Jones, K.T., & **Berryhill, M.E.** (2017). Task demands, tDCS intensity, and the COMT val158met polymorphism impact tDCS-linked working memory training gains. *Scientific Reports*, 7 (13463), DOI:10.1038/s41598-017-14030-7.
53. Chrysikou, E.G., **Berryhill, M.E.**, Bikson, M., & Coslett, H.B. (2017). **Editorial:** Revisiting the Effectiveness of Transcranial Direct Current Brain Stimulation for Cognition: Evidence, Challenges, and Open Questions. *Frontiers in Human Neuroscience*, 11:48, DOI: 10.3389/fnhum.2017.00448
52. Jones, K.T., Peterson, D.J., Blacker, K.B., & **Berryhill, M.E.** (2017). Frontoparietal neurostimulation induces sustained changes in frontal activations during working memory. *Brain Research*, 1667, 28-40. DOI: <http://dx.doi.org/10.1016/j.brainres.2017.05.005>
51. **Berryhill, M.E.** (2017). Longitudinal tDCS: Consistency across working memory training studies. *AIMS Neuroscience*, 4(2): 71-86. DOI:10.3934/Neuroscience.2017.2.71.

50. Gurariy, G., Killebrew, K., Peterson, D., **Berryhill, M.E.**, & Caplovitz, G. (2016). Set size effects at working memory encoding reveal different encoding-related neural correlates. *Plos One*, 11(11):e0167022, DOI: <http://dx.doi.org/10.1371/journal.pone.0167022>.
49. Gözenman, F., & **Berryhill, M.E.** (2016). Working memory capacity predicts equal and opposite responses to tDCS and HD-tDCS. *Neuroscience Letters*, 629, 105-10, DOI: <http://dx.doi.org/10.1016/j.neulet.2016.06.056>. PMCID: PMC4983211.
48. Stephens, J.A., & **Berryhill, M.E.** (2016). Older Adults Improve on Everyday Tasks after Working Memory Training and Neurostimulation. *Brain Stimulation*, 9(4), 553-559, DOI: <http://dx.doi.org/10.1016/j.brs.2016.04.001>. PMCID: PMC4957521.
47. Peterson, D.J., Gözenman, F., Arciniega, H., & **Berryhill, M.E.** (2015). Grouping (sometimes) benefits WM: behavioral and contralateral delay activity evidence. *Attention, Perception, and Performance*, 77(7), 2270-2283. DOI: 10.3758/s13414-015-0929-y. PMCID: PMC4607585.
46. Killebrew, K., Mruczek, R.T., & **Berryhill, M.E.** (2015). Intraparietal regions play a material general role in working memory: evidence supporting an internal attentional role. *Neuropsychologia*, 73, 12-24. DOI: 10.1016/j.neuropsychologia.2015.04.032. PMCID: PMC4468015.
45. Jones, K.T., Stephens, J.A., Alam, M., Bikson, M. & **Berryhill, M.E.** (2015). Longitudinal tDCS in the aging: effects on working memory. *PLoS One*, 10(4):e0121904, DOI: 10.1371/journal.pone.0121904. PMCID: PMC4388845.
44. Stephens, J.A., Williamson, K-N., & **Berryhill, M.E.** (2015). Cognitive Rehabilitation after Traumatic Brain Injury A Reference for Occupational Therapists. *OTJR: Occupation, Participation and Health*, 35(1), 5-22. DOI: 10.1177/1539449214561765. PMCID: pending.
43. Jones, K.T., Gözenman, F., & **Berryhill, M.E.** (2015). The strategy and motivational influences on the beneficial effect of neurostimulation: a tDCS and fNIRS study. *Neuroimage*, 105, 238-247. DOI: 10.1016/j.neuroimage.2014.11.012. PMCID: PMC4262534.
42. Snow, J.S., Skiba, R.M., Coleman, T., & **Berryhill, M.E.** (2014). Real-world objects are more memorable than photographs of objects. *Frontiers in Human Neuroscience*, 8:837. DOI: 10.3389/fnhum.2014.0083. PMCID: PMC4202719.
41. Jones, K.T., Gözenman, F. & **Berryhill, M.E.** (2014). Influences on the beneficial effect of neurostimulation. *Visual Cognition*, 22, 8, 1034-1038. DOI:10.1080/13506285.2014.960728
40. Jones, K.T., Gözenman, F. & **Berryhill, M.E.** (2014). Anodal tDCS improves verbal learning rate. *Experimental Brain Research*, 232, 12, 4043-4054. DOI 10.1007/s00221-014-4090-y. PMCID: PMC4241175.
39. Peterson, D.J., Gurariy, G., Dimotsantos, G., Arciniega, H., **Berryhill, M.E.** & Caplovitz, G.P. (2014). The steady-state visual evoked potential reveals neural correlates of the items encoded into visual working memory. *Neuropsychologia*, 63, 145-153. DOI: 10.1016/j.neuropsychologia.2014.08.020. PMCID: PMC4194158.
38. **Berryhill, M.E.**, Peterson, D.J., Jones, K.T., & Stephens, J.A. (2014). Hits and Misses: Leveraging tDCS to Advance Cognitive Research. *Frontiers in Psychology*, 5, 800. DOI 10.3389/fpsyg.2014.00800. PMCID: PMC4111100.

37. Gözenman, F., Tanoue, R.T., Metoyer, T., & **Berryhill, M.E.** (2014). Invalid retro-cues can eliminate the retro-cue benefit: Evidence for a hybridized account. *Journal of Experimental Psychology: Human Perception and Performance*, 40(5):1748-54. DOI: [10.1037/a0037474](https://doi.org/10.1037/a0037474). PMCID: PMC4172509.
36. Hower, K., Wixted, J., **Berryhill, M.E.**, & Olson, I.R. (2014). Impaired Perception of Mnemonic Oldness, but not Mnemonic Newness, After Parietal Lobe Damage. *Neuropsychologia*, 56, 409-417. PMCID: PMC4075961.
35. Janczyk, M. & **Berryhill, M.E.** (2014). Orienting attention in visual working memory requires central capacity: Decreased retro-cue effects under dual-task conditions. *Attention, Perception and Psychophysics*, 76, 715-724. DOI 10.3758/s13414-013-0615-x. PMCID: PMC4080723.
34. Peterson, D.J., Gurariy, G., Caplovitz, G.P., & **Berryhill, M.E.** (2013). The Neural Fate of Individual Item Representations in Visual Working Memory. *Visual Cognition*, 2013 1;21(6). doi: 10.1080/13506285.2013.844967. PMCID: PMC3859528.
33. Crognale, M.A., Shoenhard, H., Duncan, C., Peterson, D.J., & **Berryhill, M.E.** (2013). The locus of color sensation: Cortical color loss and the chromatic visual evoked potential. *J. Vision*, 13 (10), article 15, 1-11. PMCID: PMC3756765.
32. Blair, C.B., & **Berryhill, M.E.** (2013). Synesthetic grapheme-color percepts exist for newly encountered Hebrew, Devanagari, Armenian and Cyrillic graphemes. *Consciousness and Cognition*, 22, 944-954. PMCID: PMC3778145.
31. Peterson, D.J. & **Berryhill, M.E.** (2013). The Gestalt Principle of Similarity Benefits Visual Working Memory. *Psychonomic Bulletin & Review*, 20(6):1282-9. doi: 10.3758/s13423-013-0460-x. PMCID: PMC3806891.
30. **Berryhill, M.E.**, Wiener, M., Stephens, J.A., Lohoff, F.W., Coslett, H.B. (2013). COMT and ANKK1-Taq1a genetic polymorphisms influence visual working memory. *PLoS One*, 8,1, e55862. PMCID: PMC3561341.
29. Tanoue, R.T., Jones, K.T., Peterson, D.P., & **Berryhill, M.E.** (2013). Differential frontal involvement in shifts of internal and perceptual attention. *Brain Stimulation*, 6, 675-682. DOI: [10.1016/j.brs.2012.11.003](https://doi.org/10.1016/j.brs.2012.11.003). PMCID: PMC3608701.
28. Richmond, L.L., Thorpe, M., **Berryhill, M.E.**, Klugman, J., & Olson, I.R. (2013). Individual differences in autistic trait load in the general population predicts visual working memory performance. *Q. Journal of Experimental Psychology*, 66, 1182-1195. PMCID: PMC3669255.
27. Jones, K.T. & **Berryhill, M.E.** (2012). Task difficulty modulates the effect of transcranial direct current stimulation to posterior parietal cortex during visual working memory tasks. *Frontiers in Psychiatry*, 3, 81, doi: 10.3389/fpsy.2012.00081. PMCID: PMC3437464.
26. **Berryhill, M.E.** & Jones, K.T. (2012). tDCS selectively improves working memory in older adults with more education. *Neuroscience Letters*, 521, 148-151. doi: 10.1016/j.neulet.2012.05.074.

25. **Berryhill, M.E.** (2012). Insights from Neuropsychology: Pinpointing the role of the Posterior Parietal Cortex in Episodic and Working Memory. *Frontiers in Integrative Neuroscience*, 6, 31, doi: 10.3389/fnint.2012.00031. PMCID: PMC3371666.
24. *Tanoue, R.T. & Berryhill, M.E.* (2012). The mental wormhole: Internal attention shifts without regard for distance. *Attention, Perception & Psychophysics*, 74, 6, 1199-1215. doi: 10.3758/s13414-012-0305-0.
23. **Berryhill, M.E., Richmond, L.L., Shay, C., & Olson, I.R.** (2012). Shifting attention among working memory representations: Testing cue type, awareness and strategic control. *Quarterly Journal of Experimental Psychology*, 65(3), 426-438. doi: 10.1080/17470218.2011.604786.
22. **Berryhill, M.E., Chein, J., & Olson, I.R.** (2011). At the intersection of attention and memory: the mechanistic role of the posterior parietal in working memory. *Neuropsychologia*, 49, 1306-1315. doi: 10.1016/j.neuropsychologia.2011.02.033. PMCID: PMC3078173.
21. **Berryhill, M.E., Wencil, E., Coslett, H.B., & Olson, I.R.** (2010). A selective working memory impairment after transcranial direct stimulation to the right parietal lobe. *Neuroscience Letters*, 479, 312-316. doi: 10.1016/j.neulet.2010.05.087. PMCID: PMC2902585.
20. Drowos, D., **Berryhill, M.E., André, J., & Olson, I.R.** (2010). True memory, false memory and the subjective recollection deficits after focal bilateral parietal lobe lesions. *Neuropsychology*, 24, 465-475. doi: 10.1037/a0018902. PMCID: PMC2917642
19. Olson, I.R., **Berryhill, M.E., Drowos, D.B., Brown, L., & Chatterjee, A.** (2010). A calendar savant with episodic memory impairments. *Neurocase*, 16, 208-218. doi: 10.1080/13554790903405701. PMCID: PMC2917639.
18. **Berryhill, M.E., Picasso, L., Arnold, R., Drowos, D., & Olson, I.R.** (2010). Similarities and differences between parietal and frontal patients in autobiographical and constructive memory tasks. *Neuropsychologia*, 48, 1385-1393. doi: 10.1016/j.neuropsychologia.2010.01.004. PMCID: PMC28437776.
17. Simons, J.S., Peers, P.V., Mazuz, Y., **Berryhill, M.E., Olson, I.R.** (2010). Dissociation between memory accuracy and memory confidence following bilateral parietal lesions. *Cerebral Cortex*, 20, 479-485. doi: 10.1093/cercor/bhp116. PMCID: PMC2803741.
16. **Berryhill, M.E., Drowos, D., & Olson, I.R.** (2009). Bilateral parietal cortex damage does not impair associative memory for paired stimuli. *Cognitive Neuropsychology*, 26, 606-619. doi: 10.1080/02643290903534150. PMCID: PMC2943560.
15. **Berryhill, M.E., & Olson, I.R.** (2009). The representation of object distance: Evidence from neuroimaging and neuropsychology. *Frontiers Human Neurosci.*, 3:43. doi: 10.1016/j.nlm.2008.09.006. PMCID: PMC 2784298.
14. **Berryhill, M.E., & Hughes, H.C.** (2009). On the minimization of task switch costs following long-term training. *Attention, Perception & Psychophysics*, 71, 503-514. doi: 10.3758/APP.71.3.503.
13. **Berryhill, M.E., Fendrich, R., & Olson, I.R.** (2009). Impaired distance perception and size constancy following bilateral occipitoparietal damage. *Experimental Brain Research*, 194, 381-393. DOI 10.1007/s00221-009-1707-7. PMCID: PMC2728930.

12. Olson, I.R. & **Berryhill, M.** (2009). Some surprising findings on the involvement of the parietal lobe in human memory. *Neurobiology of Learning and Memory*, 91, 155-165. PMCID: PMC2898273.
11. **Berryhill, M.E.**, Mazuz, Y.M. & Olson, I.R. (2008). Learning on the serial reaction time task is not affected by right parietal lobe damage. *J. Neuropsychol*, 2, 509-514. PMCID: PMC2600857
10. **Berryhill, M.E.**, & Olson, I.R. (2008). Is the posterior parietal lobe involved in working memory retrieval?: Evidence from patients with bilateral parietal lobe damage. *Neuropsychologia*, 46, 1775-1786. PMCID: PMC2494709.
9. **Berryhill, M.E.**, & Olson, I.R. (2008). The right parietal lobe is critical for visual working memory. *Neuropsychologia*, 46, 1767-1774. PMCID: PMC2441642.
8. **Berryhill, M.E.**, *Phuong, L., Picasso, L., Cabeza, R., & Olson, I.R.* (2007). Parietal lobe and episodic memory: bilateral damage causes impaired free recall of autobiographical memory. *Journal of Neuroscience*, 27, 14415-14423. doi: 10.1523/JNEUROSCI.4163-07.2007
7. **Berryhill, M.E.**, Kveraga, K., *Webb, L., & Hughes, H.C.* (2007). Multimodal access to verbal name codes. *Perception & Psychophysics*, 69, 628 - 640.
6. **Berryhill, M.E.**, *Chiu, T. & Hughes, H.C.* (2006). Smooth pursuit of non-visual motion. *Journal of Neurophysiology*, 96, 461-465.
5. Kveraga, K., **Berryhill, M.**, & Hughes, H.C. (2006). Directional uncertainty in visually guided pointing. *Perceptual and Motor Skills*, 102, 125-132.
4. **Berryhill, M.E.**, Kveraga, K., *Webb, L., & Hughes, H.C.* (2005). Effect of uncertainty on the time course for the selection of verbal name codes. *Perception & Psychophysics*, 67(8), 1437-45.
3. **Berryhill, M.**, Kveraga, K., & Hughes, H.C. (2005). Effects of directional uncertainty on visually-guided joystick pointing. *Perceptual and Motor Skills*, 100, 267-274.
2. **Berryhill, M.**, Kveraga, K., Boucher, L., & Hughes, H.C. (2004). Smooth pursuit under stimulus-response uncertainty. *Cognitive Brain Research*, 19, 100-102.
1. Gescheider G.A., **Berryhill M.E.**, Verrillo R.T., & Bolanowski S.J. (1999). Vibrotactile temporal summation: probability summation or neural integration. *Somatosensory & Motor Research*, 16(3), 229-242.

BOOK CHAPTERS

Peterson, D.J., Jones, K.T., Stephens, J.A., Gözenman, F. & Berryhill, M.E. (2015). Childhood Memory: An Update from the Cognitive Neuroscience Perspective. *Forensic Interviews Regarding Child Sexual Abuse - A Guide to Evidence-Based Practice*. Springer; Fanetti, M., O'Donahue, W. (Eds).

Berryhill, M.E., Hoelscher, C., Shipley, T. *Spatial Vision*. (2012). Encyclopedia of Human Behavior, 2nd Edition, V.S. Ramachandran (Ed).

Berryhill, M.E., *Peterson, D., Jones, K., Tanoue, R., Cognitive Disorders*. (2012). Encyclopedia of Human Behavior, 2nd Edition, V.S. Ramachandran (Ed).

SUBMITTED MANUSCRIPTS

Fenner, M.T., Cipriani, Buckley, T., **Berryhill, M.E.**, & Murray, N. Smooth pursuit gain declines after a season of repetitive head impacts in high dose American Football players. *Revised & resubmitted 7/25*

Carrasco, C.D., Jones, K.T., & **Berryhill, M.E.** Older Adults are Impaired by Distractors Presented During Working Memory Encoding. *Revised & resubmitted 9/2025*

Shires, J., Rakhshan M., Soltani, A*, **Berryhill, M.E***. No Attentional Interactions Across Working Memory Encoding and Retrieval. *Co-Senior Authors.

McDonald, M., Berryhill, M.E. & Lancaster, C.L. Stimulating Mindfulness-to-Meaning: Noninvasive Brain Stimulation Targeting the Upward Spiral of Mindful Positive Emotion Regulation. *Revised & resubmitted 9/2025*

Torrens, W.A., Pablo, J.N., **Berryhill, M.E.**, & Haigh, S.M. Mismatch Negativity differences in individuals with high ‘disorganized’ schizotypy traits. *Revised & resubmitted 8/2025.*

Pablo, J.N., Kemmelmeier, L., Arciniega, H., Shires, J.E., Torrens, W.A., **Berryhill, M.E.**, & Haigh, S.M. Mismatch negativity in individuals with a history of traumatic brain injury. *In preparation.*

CONFERENCE PRESENTATIONS

* Poster, • Slide Presentation

Berryhill, M.E., Pablo, J.N., Kemmelmeier, L.L, Torrens, W.A., & Haigh, S.M. Barking up the wrong tree: Visual, not auditory, sensitivity differences in high schizotypy. SFN, San Diego, 11/2025*

Kemmelmeier, L.L, Pablo, J.N., **Berryhill, M.E.** Working memory under retrieval uncertainty. CNS, Boston, 3/2025*

Pablo, J.N., Oster, B., Shires, J., **Berryhill, M.E.** Stability of Working Memory Related Theta Synchrony Over Time. CNS, Boston, 3/2025*

Torrens, W., Pablo, J.N., Ruiz, M, **Berryhill, M.E.**, Haigh, S.M. Exploring schizotypy for early detection of schizophrenia. SIRS, 4/2025*

Torrens, W.A., Ruiz, M., Yankaway, R., **Berryhill, M.E.**, Haigh, S.M., (2024). Anomalous visual cortical excitability in Schizotypy. Bay Area Vision Research Day Conference. Berkeley, CA. 9/24•

Pablo, J.N., Veliz, P.T., & **Berryhill, M.E.** Examining the Impact of Pediatric Concussion and Impulsivity on Adolescent Executive Functioning. OPAM, NY, 11/2024*

Berryhill, M.E., Kemmelmeier, L.L, & Pablo, J.N. Post-Pandemic Changes in Long-Term and Working Memory Behavior. SFN, Chicago, 10/2024*

Shires, J, Pablo, J.N., Stein, B., Desrochers, T.M., **Berryhill, M.E.** Abstract and Concrete Sequences Rely on Separable Working Memory Resources. CNS, Toronto 4/2024*

Kemmelmeier, L.L., Pablo, J.N., Shires, J., Arciniega, H., Torrens, W., Haigh, S., **Berryhill, M.E.** Reduced mismatch negativity in college students with a history of mTBI. CNS, Toronto 4/2024*

Pablo, J.N., Alfonso Torrens, W., Shires, J.E., Haigh, S.M. & **Berryhill, M.E.** Working memory deficit in high schizotypy: ERP but no power differences. CNS, Toronto 4/2024*

Lancaster, C.L., Baer, K., Cole, A., Weierich, M., & **Berryhill, M.** *Pathways to PTSD: Do interpersonal trauma and discrimination disrupt the benefits of social support?* Annual Conference for the Mountain West IDeA Clinical and Translational Research Infrastructure Network, Las Vegas, NV, 1/2024

Berryhill, M.E., Shires, J.E., Pablo, J., Desrochers, T.M. Working memory and Abstract cognitive task sequences rely on separable resources. SFN, Washington, DC, 11/12/23*

Alfonso Torrens, W., Pablo, J.N., Shires, J.E., Haigh, S.M. & **Berryhill, M.E.** Auditory deviance detection in Schizotypy. SOBP, 4/2023*

Pablo, J.N., Alfonso Torrens, W., Shires, J.E., Haigh, S.M. & **Berryhill, M.E.** Pursuit of a reliable working memory biomarker characterizing the high-schizotypy population. SOBP, 4/2023*

Shires, J.E., Pablo, J.N., Alfonso Torrens, W., Kemmelmeier, L.L., Haigh, S.M. & **Berryhill, M.E.**, Classifying Schizotypy Trait Load Using Autism-Spectrum Quotient Scores. SOBP, 4/2023*

Berryhill, M.E., Pablo, J.N., Shires, J.E., Alfonso Torrens, W., & Haigh, S.M. High Schizotypy Participants Exhibit A Reduced Working Memory Induced P300. CNS, 3/27/23*

Shires, J.E., Castellanos, J., Kapila, M. & **Berryhill, M.E.** *Some* Beneficial Effects of Screen Time on Working Memory in People with a History of mTBI. CNS, 3/27/23*

Pablo, J.N., Oster, B.A., Shires, J.E., & **Berryhill, M.E.** Working memory improvement due to changed connectivity metrics during maintenance. CNS, 3/27/23,* San Francisco, CA

Berryhill, M.E., & Veliz, P.T. Aggression for boys, anxiety for girls: effects of mild traumatic brain injury on adolescents' affective symptoms. SFN, 11/16/2022, San Diego, CA*

Oster, B., Pablo, J., Shires, J. & Berryhill, M.E. Is Theta Power Stable Over Time? SFN, 11/15/2022, San Diego, CA*

Torrens, W.A., Pablo, J.N., Berryhill, M.E., & Haigh, S.M. Behavioral measures of cortical hyper-excitability in subclinical Autism (ASD) and Schizotypy. SFN, 11/22, San Diego, CA*

Shires, J., Biswas, A., Durbin, R., Kilgore-Gomez, A., Arciniega, H., Berryhill, M.E. Categorizing mTBI injury outcome using high-density EEG. UC Neurotrauma Symposium, 9/26/22, LA, CA●

Pablo, J., Torrens, W., Berryhill, M.E., Haigh, S. Disorganization Symptomatology in Schizotypy Predicts Cortical Hyper-Excitability. Society of Biological Psychiatry (SOBP), 4/2022 New Orleans, LA.*

Shires, J.E., Biswas, A., Durbin, R., Kilgore-Gomez, A., Arciniega, H., Berryhill, M.E.

Categorizing prior history of mTBI and Injury Outcome Using low- and high- density EEG. CNS, San Francisco, 4/2022*

Shires, J.E., Rakhshan, M., Soltani, A., **Berryhill, M.E.** No evidence for reward-dependent shift of attention in working memory. Virtual Working Memory Symposium, 6/3/21●

Arciniega, H., Johnson, E.L., Jones, K.T., Kilgore-Gomez, A. & **Berryhill, M.E.** Transcranial direct current stimulation targeting frontoparietal networks modulates theta to (temporarily) improve visual working memory in older adults. Virtual CNS, 3/2021*

Shires, J., Carrasco, C., & **Berryhill, M.E.** Pain but no Gain: Young Adults Show No WM Training Benefit with or without tDCS. NYC Neuromodulation (Virtual Conference due to Covid-19), 4/20●

Arciniega, H., & **Berryhill, M.E.** *Cognitive and neural deficits associated with a history of mTBI.* CNS, Boston, MA 4/20* (converted to a virtual conference May 2020 because of Covid-19)

Shires, J., Rakhshan, M., Soltani, A., & **Berryhill, M.** *Reward Influences the Shift of Attention Among Items in Working Memory.* CNS, Boston, MA 4/20* (converted to a virtual conference May 2020 because of Covid-19)

Lancaster, C.L., McDonald, M.A., Meckes, S.J., & **Berryhill, M.E.** Augmenting exposure therapy for social anxiety with tDCS. Annual Conference for the Mountain West IDeA Clinical and Translational Research Infrastructure Network, Las Vegas, NV 6/19*●

Zosky, J.E., **Berryhill, M.E.**, Haigh, S.M., Dodd, M.D. The cues that bind: Examining multiple-object motion perception through an optical illusion. Psychonomics, Chicago, IL, 11/19*.

Berryhill, M.E. Advances in tDCS Implementation. NeuroModex, Napa, CA, 10/19●

Berryhill, M.E. Neuropsychology: My White Whale. Core Outreach Workshop, Learning Coalition EPSCOR annual meeting, Newark, DE, 7/19●

Bandel, L., **Berryhill, M.E.**, & Dodd, M. Examining the relationship between eye movement kinematics and schizotypy in the normal population. VSS, St. Pete's Beach, FL, 5/19*

Arciniega, H. & **Berryhill, M.E.** Cognitive consequences associated with mild traumatic brain injury. CNS, San Francisco, CA 3/19*

Shires, J., Carrasco, C., & **Berryhill, M.E.** Working Memory Training with tDCS in Young Adults Induces Transfer at Follow Up. CNS, San Francisco, CA 3/19*

Berryhill, M.E., Arciniega, H., Jones, K., Stephens, J., & Gözenman, F. Who, what, where and how much: tDCS and training effects on working memory. BRST, Vancouver, BC 2/19●

Johnson, E., Jones, K., & **Berryhill, M.E.** When less is more: Frontoparietal neurostimulation targets the cross-frequency neural code for working memory. SFN, San Diego, CA, 11/18●

Vickery, T., Park, S-H, **Berryhill, M.E.**, & Most, S.B. Task-relevant category differences strongly influence temporal visual statistical learning. VSS, St. Pete's Beach, FL, 5/18*.

Berryhill, M.E. Longitudinal tDCS Benefits from Follow up Testing, Transfer, and Mechanistic Understanding. Learning & Memory Conference Symposium, Irvine, CA 4/18●

Jones, K.T., Arciniega, H., Shepack, J., Carrasco, C., & **Berryhill, M.E.** Shortcutting working memory training through entrainment of neural oscillations with transcranial alternating current stimulation. CNS, Boston, MA 3/18*

Berryhill, M.E., Johnson, E., Cerreta, A., Peterson, D. & Jones, K.T., Frontoparietal neurostimulation alters the theta-gamma neural code for working memory. CNS, Boston, MA 3/18*

Arciniega, H.A., & **Berryhill, M.E.** Understanding the neural mechanism by which neurostimulation drives visual working memory: An inside view of neurostimulation decay. CNS, Boston, MA 3/18*

Park, S.H., **Berryhill, M.E.**, Gupta, J., & Vickery, T. Visual statistical learning faces interference from response and executive demands. VSS, St. Pete's Beach, FL, 5/17*

Killebrew, K., *Peacock, C.*, *Gurariy, G.*, **Berryhill, M.E.**, & Caplovitz, G.P. Frequency domain analyses of EEG reveal neural correlates of visual working memory capacity limitations observed during encoding using a full report paradigm. VSS, St. Pete's Beach, FL, 5/17*

Berryhill, M.E., *Cerreta, A.G.D.*, & Vickery, T.J. Evidence of limited cross-category visual statistical learning in amnesia. VSS, St. Pete's Beach, FL, 5/17*

Arciniega, H.A., *Gözenman, F.*, & **Berryhill, M.E.** Compensation or restoration: Optimizing tDCS-enhanced visual working memory in older adults. CNS, San Francisco, CA 3/17*

Jones, K.T., Stephens, J.A., *Berryhill, M.E.* Prefrontal dopamine metabolism predicts neurostimulation-linked working memory training gains. CNS, San Francisco, CA 3/17*

Cerreta, A., Mruczek, R. & **Berryhill, M.E.** Predicting Individual tDCS-Linked Working Memory Benefits Through Resting-State fMRI. CNS, San Francisco, CA 3/17*

Arciniega, H.A. & **Berryhill, M.E.** Leveraging group differences to study the mechanism underlying the effects of transcranial direct current stimulation (tDCS). BRSC, Barcelona, Spain 3/17*

Blacker, K., *Jones, K.J.*, *Peterson, D.J.*, & **Berryhill, M.E.** Visual working memory training with non-invasive neurostimulation increases low frequency phase synchrony. VSS, FL, 5/16●

Killebrew, K.W., Mruczek, R., & **Berryhill, M.E.** A stimulus biased contralateral bias in intraparietal sulcus. VSS, FL, 5/16*

Berryhill, M.E. & *Stephens, J.A.*, TDCS-linked working memory training in the aging elicits far transfer. CNS, NY, 4/16*

Arciniega, H.A., Peterson, D.J., **Berryhill, M.E.** Echoes of Concussion: Chronic Effects on Visual Working Memory. CNS, NY, 4/16*

Gözenman, F., & **Berryhill, M.E.** Working Memory Capacity Predicts Differential Stimulation Benefits from tDCS and High-Definition tDCS. CNS, NY, 4/16*

Stephens, J.A., & Berryhill, M.E. Can we enhance everyday cognitive functioning in healthy older adults via WM training and tDCS? AOTA, 4/16*

Gözenman, F., & Berryhill, M.E. Differential High Density and Conventional tDCS effects on WM performance. OPAM, IL, 11/15*

Gurariy, G., Peterson, D., Berryhill, M., & Caplovitz, G. Encoding-related neural correlates of set-size limitations of working memory. VSS, FL, 5/15*

Killebrew, K., Berryhill, M. E., & Caplovitz, G.P. Non-linear neural interactions at the time of encoding underlie grouping benefits in working memory. VSS, FL, 5/15*

Jones, K.T., Gözenman, F., & Berryhill, M.E. Influences on the beneficial effect of neurostimulation. Object Perception, Attention and Memory (OPAM), Long Beach, CA 11/14●

Peterson, D.J., & Berryhill, M.E. Buy two, get three! Grouping benefits visual working memory. Object Perception, Attention and Memory (OPAM), Long Beach, CA 11/14*

Gurariy, G., Peterson, D.J., Berryhill, M.E., & Caplovitz, G.P. The neural fate of individual item representations in visual working memory. VSS, FL, 5/14*

Coleman, T., Skiba, R., Carroll, A., Turek, S., Berryhill, M., Snow, J. Bringing the ‘real-world’ into cognitive science: real objects are more memorable than pictures. VSS, FL, 5/14*

Gözenman, F., Tanoue, R. T., Metoyer, T., & Berryhill, M.E. (2014). Recall and Recognition Effects on Retro-Cue Benefit. VSS, St. Petersburg, FL, 5/14*

Arciniega, H., Peterson, D.J., & Berryhill, M.E. Neural and Behavioral Differences in Working Memory Capacity Between A Concussed and Non-concussed Brain. Nevada Undergraduate Research Symposium, UNR 4/14*, Psi Chi Annual Research Fair, UNR 5/14*

Dimotsantos, G., Peterson, D.J. & Berryhill, M.E. Changes in working memory strategy alter neural mechanisms of working memory. Nevada Undergraduate Research Symposium, 4/14*, Psi Chi Annual Research Fair, 5/14*

Williamson, K-N., C., Peterson, D.J., Pierce, S., Tanoue, R.T., Berryhill, M.E. Asymmetries in the Retro-Cue Effect. Psi Chi Annual Research Fair, 5/14*

Berryhill M.E., Hower, K., Wixted, J., Olson I.R. Impaired Perception of Mnemonic Oldness, but not Mnemonic Newness, After Parietal Lobe Damage. CNS, Boston, MA 4/14*

Peterson, D.J., Jones, K.T., Dimotsantos, G., & Berryhill, M.E. Frontoparietal transcranial direct current stimulation modulates working memory training benefits and event-related scalp topography. CNS, Boston, MA 4/14*

Stephens, J.A., & Berryhill, M.E. The Efficacy of Transcranial Direct Current Stimulation (tDCS) as a Clinical Intervention for Adult ADHD. AOTA, Baltimore, MD 4/14●

Williamson, K-N., C., Peterson, D.J., Pierce, S., Tanoue, R.T., Berryhill, M.E. Asymmetries in the Retro-cue effect. SFN Sierra Nevada Local Chapter Conference, Reno, NV, 11/13*

Gozenman, F., & Berryhill, M.E. Partial and continuous recall demands on retro-cue benefit. SFN Sierra Nevada Chapter, Reno, NV, 11/13*

Dimotsantos, G.G., Mok, S., Peterson, D.J., & Berryhill, M.E. Changes in working memory strategy alter neural mechanisms of working memory. SFN Sierra Nevada Chapter, Reno, NV, 11/13*

Peterson, D.J., Gurariy, G., Caplovitz, G.P., & Berryhill, M.E. The Neural Fate of Individual Item Representations in Visual Working Memory. OPAM, ONT, CAN 11/13●

Jones, K.T., Stephens, J.A., & Berryhill, M.E. Frontoparietal tDCS Improves Cognition in the Healthy Aging (You can teach old dogs new tricks!). OPAM, ONT, CAN 11/13*

Berryhill, M.E., Jones, K.T., Stephens, J.A., & Peterson, D.J. When does frontoparietal neurostimulation benefit visual working memory in the healthy aging? Western IDeA Conference, Honolulu, HI, 10/13*

Dimotsantos, G., Arciniega, H., Peterson, D.J., Gurariy, G., Caplovitz, G.P. & Berryhill, M.E. The Fate of Individual Item Representations in Visual Working Memory. UNR Undergraduate Research Summer Poster Session, UNR, Reno, 8/13*

Mayor, C., Pfaffenberger, M., Gözenman, F., & Berryhill, M.E. Timing of Retro-Cue Benefit with Recall Paradigm. Psi Chi Research Conference, UNR, Reno, NV, 4/13*

Dimotsantos, G., Jones, K., & Berryhill, M.E. Strategy Use Predicts Working Memory Performance. Psi Chi Research Conference, UNR, Reno, NV, 4/13*

Pierce, S., Peterson, D.J., & Berryhill, M.E. Retroactive Cuing Benefits in Visual Working Memory are Dependent Upon Spatial Configuration. Psi Chi Research Conference, UNR, Reno, NV, 4/13*

Arciniega, H., Woodland, P., Peterson, D.J. & Berryhill, M.E. Contralateral Delay Activity is Altered by the Presence of Gestalt Grouping Principles: An Event-Related Component Study of Visual Working Memory. Psi Chi Research Conference, UNR, Reno, NV, 4/13*

Peterson, D. J., & Berryhill, M. E. Grouping via the Gestalt principle of similarity alters contralateral delay activity. CNS, San Francisco, CA, 4/13*

Stephens, J.A., & Berryhill, M.E. Transcranial direct current stimulation modulates working memory and sustained attention as a function of attention deficit hyperactivity disorder symptomatology. CNS, San Francisco, CA, 4/13*

Jones, K.J., Gözenman, F., & Berryhill, M.E. Transcranial direct current stimulation facilitates episodic memory encoding. CNS, San Francisco, CA, 4/13*

Blair, C.D., & Berryhill, M.E. Synesthetic grapheme-color percepts exist for newly encountered Hebrew, Devanagari, Armenian and Cyrillic graphemes. CNS, CA, 4/13*

Stephens, J.A., & Berryhill, M.E. Similarity Among Rehabilitation Professionals' Assessment of Cognitive Consequences of TBI. AOTA, San Diego, CA, 4/13●

Gözenman, F. & Berryhill, M.E. Retro-cue Effect on Visual Working Memory using the Recall Paradigm. Society for Neuroscience Sierra Nevada Chapter, Reno, NV, 11/12*

Dimotsantos, G., Bowers, J., Jones, K.T., & Berryhill, M.E. Strategy use Predicts Working Memory Performance. Society for Neuroscience Sierra Nevada Chapter, Reno, NV, 11/12*

Stephens, J.A., Kraemer-Hope, S. & Berryhill, M.E. tDCS modulates working memory and sustained attention as a function of ADHD symptomatology. SFN Sierra Nevada Chapter, NV, 11/12*

Pierce, S., Peterson, D. J., Woodland, P., Tanoue, R., & Berryhill, M. E. (November, 2012). Retroactive Cuing Benefits in Visual Working Memory are Dependent upon Spatial Configuration. SFN Sierra Nevada Chapter, Reno, NV, 11/12*

Peterson, D.J., & Berryhill, M.E. Grouping Principles in Visual Working Memory. Vision Sciences Society (VSS), Naples, FL, 5/12*

Tanoue, R. T., & Berryhill, M.E. Frontal cortex is differentially involved in shifts of internal and perceptual attention. RMPA, Reno, NV 4/12•

Jones, K.J., Crane, C., Feenstra, A., & Berryhill, M.E. Parietal contributions to visual working memory depend on task difficulty. RMPA, Reno, NV 4/12*

Metoyer, T., Tanoue, R. T., & Berryhill, M.E. The retro-cue benefit: When does it emerge and how long does it last? Rocky Mountain Psychological Association, Reno, NV 4/12*

Tanoue, R. T., Berryhill, M.E. Differential frontal involvement in shifts of internal and perceptual attention. Cognitive Neuroscience Society (CNS), Chicago, 4/12*

Peterson, D.J., Berryhill, M.E. Grouping Benefits in Visual Working Memory are Disrupted by tDCS to Parietal Cortex. Cognitive Neuroscience Society (CNS), Chicago, 4/12*

Jones, K.J., & Berryhill, M.E. Individual differences in WM capacity modulate the effect of transcranial direct current stimulation to parietal cortex. CNS, Chicago, 4/12*

Peterson, D.J., & Berryhill, M.E. The beneficial effects of Gestalt Grouping Principles in visual working memory. SFN Sierra Nevada Chapter 3rd Annual Research Symposium, 11/11*

Metoyer, T., Tanoue, R.T., Berryhill, M.E. The emergence and duration of the retro-cue benefit in visual working memory. SFN Sierra Nevada Chapter, Reno, NV, 11/11*

Tanoue, R. T., Berryhill, M.E. The mental wormhole: Internal attention shifts without regard for distance. SFN Sierra Nevada Chapter, Reno, NV, 11/11*

Feenstra, A., Crane, C., Jones, K.J. & Berryhill, M.E. Individual differences in working memory capacity modulate the effect of transcranial direct current stimulation to parietal cortex. SFN Sierra Nevada Chapter, Reno, NV, 11/11*

Jansen, J., Dimotsantos, G., & Berryhill, M.E. Does caffeine improve visual spatial working memory performance in extroverts? SFN Sierra Nevada Chapter, Reno, NV, 11/11*

Jones, K.J. & Berryhill, M.E. Task difficulty modulates the effect of transcranial direct current stimulation in visual working memory tasks. Bay Area Vision Research Day, 8/11*

Tanoue, R.T., Peterson, D., Jones, K., Berryhill, M.E. Attention needs time to shift between items in working memory. Cognitive Neuroscience Society (CNS), San Francisco, 4/11*

Berryhill, M.E. Common parietal responses during working and long-term memory tasks. Cognitive Neuroscience Society (CNS), San Francisco, 4/11*

Berryhill, M.E., Wencil, E.B., Coslett, H.B., Olson, I.R. Transcranial direct current stimulation to right inferior parietal affects working memory recognition but not recall. Cognitive Neuroscience Society (CNS), Montreal, 4/10 *

Berryhill, M.E., Shay, C. & Olson, I.R. Shifting attention in visual short-term memory: testing bottom-up and top-down accounts. OPAM, Boston, MA 11/09 *

Olson, I.R., & **Berryhill, M.E.** A mechanistic role of attention in working memory in posterior parietal cortex. Psychonomic Society, Boston, MA 11/09 *

Berryhill, M.E., & Olson, I.R. The dorsal visual stream tracks changes in perceived viewing distance. European Conference for Visual Perception, GER, 8/09 *

Berryhill, M.E., & Olson, I.R. Parietal lobe memory retrieval mechanism: Is the episodic buffer hypothesis a feasible account? CNS, San Francisco, CA 3/09 *, IMBES, PA 5/09 *

Ross, L.A., **Berryhill, M.E.,** Drowos, D., Olson, I.R. Social processing in the anterior temporal lobes: Evidence from an overlapping task design. CNS, San Francisco, CA 3/09

Berryhill, M.E., Cabeza, R., & Olson, I.R. The parietal lobe is critical for memory retrieval under certain contexts. Society for Neuroscience, Washington, DC 11/08 •

Mazuz, Y.S., Simons, J.S., Peers, P.V., **Berryhill, M.E.,** & Olson, I.R. Parietal lobe may not be necessary for source memory. Society for Neuroscience, Washington, DC 11/08 •

Berryhill, M.E., Aguirre, G.K., & Olson, I.R. Superior occipital regions track perceived viewing distance in two-dimensional images. VSS, Naples, FL 5/08 •

Berryhill, M.E., Fendrich, R., & Olson, I.R. Determining size constancy after bilateral parietal damage. European Conference on Visual Perception, Arezzo, IT 8/07 *

Olson, I.R., **Berryhill, M.E.** & Most, S. The blinking emotional attentional blink and the parietal lobe. VSS, Sarasota, FL 5/07 *

Berryhill, M.E., & Olson, I.R. Determining parietal involvement in visual working memory: Causal or Incidental? VSS, Sarasota, FL 5/07 •

Berryhill, M.E., & Olson, I.R. Is the parietal lobe critical for visual working memory? Evidence from patients with unilateral and bilateral parietal lesions. CNS, NY, NY 4/07 *

Berryhill, M.E., Chiu, T. & Hughes, H.C. Following what you feel: proprioceptive smooth pursuit revisited. VSS, Sarasota, FL 5/06 *

Berryhill, M.E. & Hughes, H.C. Intermanual skill transfer in a long term manual response motor learning task. Society for Neuroscience Meeting, Washington, DC 11/05*

Berryhill, M.E. & Hughes, H.C. Empirical tests for a model of Hick's law. Psychonomic Society Annual Meeting, Toronto, ON 11/05 *

Berryhill, M.E. & Hughes, H.C. Color defined targets in gap and overlap conditions are not facilitated by visual pop-out. CNS, New York, NY 4/05 *

Berryhill, M.E. & Hughes, H.C. Pop out targets and saccadic attentional requirements. Society for Neuroscience, San Diego, CA 10/04 •

Berryhill, M.E., Kveraga, K., *Copenhaver, B.*, Tse, P., Hughes, H.C. Simple and choice reaction times modulated by attentional load. Society for Neuroscience, LA 11/03 *

Hughes, H.C., **Berryhill, M.E.**, Kveraga, K., Tse, P.U. Effects of attentional load on saccadic eye movements. European Soc. of Cog. Psych., Granada, Spain 9/03 *

Kveraga, K., **Berryhill, M.E.**, Hughes, H.C. Reaching with increasing stimulus-response uncertainty. Society for Neuroscience Annual Meeting, Orlando, FL 11/02 *

Berryhill, M.E., Boucher, L., Kveraga, K. & Hughes, H.C. Latency of smooth pursuit under conditions of stimulus-response uncertainty. VSS, Sarasota, FL 5/02 *

Gescheider, G.A., **Berryhill, M.E.**, Verrillo, R.T., Bolanowski, S.J. Vibrotactile temporal summation. Fechner Day: 13th Meeting Int. Soc. for Psychophysics, Quebec, ON 6/98 *

SYMPOSIA

▪ International Brain Stimulation Conference, Vancouver 2/19

Symposia: Enhancing cognition with tDCS combined with cognitive training.

Speakers: **Marian E. Berryhill**, Steven Nikolin, Donel Martin

▪ Invited Presenter: Canadian Neuroscience Annual Meeting, Toronto 5/13

Symposia: Convergence and divergence among methodologies in cognitive neuroscience

Speakers: Lesley Fellows, R. Shayna Rosenbaum, Doug Crawford, **Marian E. Berryhill**

“Investigating parietal contributions to episodic and working memory”

▪ Invited Presenter: Memory Disorders Research Society, UCSD 9/12

Speakers: **Marian E. Berryhill**, Neal Cohen, Andy Yonelinas, Steve Luck

▪ Ellis-Bettig Memory Symposium: Memory Research at UNR

*All speakers presented findings from the **Berryhill** Memory and Brain Lab*

1) **Marian E. Berryhill**, Approaching memory from different angles

2) Dwight Peterson, Megan Tillman, **Marian E. Berryhill**, Benefits of Gestalt principles of grouping for visual working memory

3) Ryan Tanoue & **Marian E. Berryhill**, An inch or a mile: Internal attention requires a quantal amount of time to shift

4) Jaclyn Jansen, Gabriella Dimotsantos, & **Marian E. Berryhill**, How does caffeine impact working memory performance in extraverts and introverts?

Rocky Mountain Psychology Association, Reno, NV 4/12

▪ Organizer and Presenter: “Visual Memory and the Brain”

Speakers: **Marian E. Berryhill**, Neil Muggleton, Lynn Robertson, Yaoda Xu

Vision Sciences Society Annual Meeting, Naples, FL 5/08

INVITED PRESENTATIONS

Brain Trauma Symposia	UCSD	10/25
Writing Beyond Letters	Women in Neuro Conf, Brown	7/24
Visual Attention Speaker	U. Iowa	3/24

mTBI and Working Memory	Renown Neuro Day	9/23
Women in Leadership	UNR	3/23
Cognitive Colloquia	N. Dakota State U.	11/22
AVHCS Colloquia	UNR – Art History	10/22
Cognitive Brown Bag	UNR	10/21
Colloquia Speaker	Ctr for Vital Longevity, UTD	1/20
Speaker	SFN Day, UNR	11/19
Invited Lecture: AP Psych	AACT H.S., Reno	5/19
Invited Speaker	R. Rafal Festschrift, UCB	3/19
Induction Speaker	Nu Rho Psi, UNR	4/18
Colloquia Speaker	UT. Austin	11/17
Colloquia Speaker	U. Nebraska	10/17
Colloquia Speaker	Sierra College	10/17
Colloquia Speaker	U. Delaware	9/17
Keynote Speaker	NV State College	4/17
Neuroscience Colloquia	UC Davis	10/16
Invited Speaker	Weldon Festschrift, Hamilton	6/16
Head Injury Association of N. Nev.	Carson City, Reno	7/11, 7/14/16
Reno Sunrise Rotary	Reno	4/16
Best & Brightest Keynote Speaker	UNR	1/16
St. Mary's Stroke Support Group	Reno	8/15
Psychiatry Grand Rounds	UNSOM, UNR	1/15
Rotary Club	Carson City, NV	1/15
Sanford Center, UNR	NV	8/14
Great Conversations, San Francisco	UNR/CLA	7/14
UNR GradFit	NV	5/14
Reno History Club	NV	3/14
University of Kansas	KS	2/14
Washington University	MO	1/14
Claremont Graduate School	CA	12/13
UNSOM case study panel	UNR	11/13
Reed HS AP Psych Class	Reno	10/13
NV INBRE Symposia	UNR	8/13
Big Ideas Series: Chamber of Commerce	NV	7/13
Galena HS AP Psych Class	Reno	5/13
Great Conversations Series	UNR/CLA	2/12
Northern NV Psychology Teachers	Reno	1/12
Psi Chi Speaker Series	UNR	3/11, 10/12
Sierra Chapter of SFN	UNSOM	11/10
Binghamton University	NY	4/10
Swarthmore College	PA	3/10
University of Nevada	NV	2/10
Reed College	OR	1/10
Temple University Spatial Intelligence and Learning Center		4/08
University of Pennsylvania	Coslett Lab	2/07, 11/07, 11/09, 3/10
University of Pennsylvania	Chatterjee/Aguirre Labs	3/06, 2/08, 10/09, 3/10
4/09,		
Dartmouth College	Cognitive Brown Bag	11/07

Martinos Center for Neuroimaging	Bar Lab	3/07
Moss Center for Neural Rehabilitation	Buxbaum Lab	11/06

GRANT/CONTRACT SUPPORT: ACTIVE

2020 – 2026 NIH NINDS ENDURE R25NS119709, \$2,500,000 direct (\$2,778,990 in total costs) BP-ENDURE at the University of Nevada
Role: MPI (with Mariann Weierich, Dennis Mathew)

GRANT SUPPORT: COMPLETED

2020 – 2024 NIH NIMH R15MH122935, \$300,000 direct (\$389,213.32 in total costs)
Biomarkers of auditory processing in schizophrenia: do they reflect symptom severity? An investigation in schizotypy.
Role: Co-PI (Co-PI Sarah Haigh, Co-PI Michael Dodd, UNL)

2022 – 2023 NIH NIMH 3R15MH122935-01S1 (\$17,681) Supplement (J. Pablo)

2022 – 2023 NIH NIMH 3R15MH122935-01S2 (\$17,681) Supplement
(W. Alfonso Torrens)

2022 – 2023 CTR-IN Grant, \$60,000 direct
Social Anxiety (PI: Cynthia Lancaster)
Role: Mentor (\$1,500)

2017-2022 Tahoe Institute for Rural Health Research
Concussion Research
Role: PI (\$108,550)

2016-2021 NSF EPSCOR Track II: OIA-1632738
Neural Basis of Attention (PI: Peter Tse, Dartmouth) \$6,000,000
Role: Researcher on UNR subaward (to MB: \$225,000)

2016-2021 NSF EPSCOR Track II: OIA-1632849
Neural networks underlying the integration of knowledge and perception (PI: Jared Medina, U. Delaware) \$6,000,000
Role: Co-PI on UNR subaward (to MB: \$520,000)

2018-2019 CTR-IN Pilot Grant
Augmenting Exposure Therapy for Social Anxiety with tDCS
(PI: Cynthia Lancaster)
Role: Mentor (\$60,000; to MB \$6,100)

2016 UNR CLA Capital Funding: *fMRI capable tDCS cables* (\$11,000)

2012 – 2016 NIH NIGMS COBRE, 1P20GM103650, Project PI \$655,305 direct
(\$9,775,626 in total costs, M. Webster grant PI)

- 2012 – 2015 NIH NEI R15EY022775, PI, \$300,000 direct (\$407,474 in total costs)
with Co-PI, G. Caplovitz
*Investigating Working Memory Encoding using Frequency-Tagging of
Evoked Response Potentials*
- 2011 UNR Graduate Student Association Capital Grant (\$4,582)
- 2008 – 2010 Ruth L. Kirschstein NRSA individual fellowship NS059093:
The Nature of Parietal Involvement in Visual Short-Term Memory
Sponsors: Ingrid R. Olson, PhD and H. Branch Coslett, MD (\$105,963)

TEACHING

USAC Positive Psychology (Psy 315) July 2025, San Sebastian Study Abroad

University of Nevada

Psy/NS 403 Physiological Psychology	Fall 2018, '19, '21
Psy/NS 416/616/425 Cognitive Neuro	Fall 2010-12, '14-'18, '25; Sp '11-12, '14, '16-20, '23, '25
Psy/NS 432 Human Memory	Fall 2011, '12, '13, '16-'25, S'20, '21, '24, '25
Psy 739 Grad Memory Seminar	Fall 2010, '14; Sp '12, '16, '18, '23
Psy 729 Professional Development	Spring 2017, '21, '26

Guest Lecturing

UNR Intro Neuro: 105	2023
UNR Psychology: 440	2021, 2023-25 S. Haigh, tDCS demo
UNR Neuro 479 tDCS LAB	2014-20
UNR Biology	11/18 S. Pieraut Class
Reynolds School of Journalism	4/17 Reynolds School of Journalism <i>Fake News Workshop</i> (with Beth Leger, PhD, CABNR)
<u>UNSOM (School of Medicine)</u>	5/14-20 Memory Lecture, NeuroBlock
<u>UNSOM</u>	11/13 <i>Panelist on Stroke and Research</i>
<u>UNR</u>	F2012-13, '15 <i>Intro. Neurosci. (Bio 105)</i>
<u>UNR</u>	F2011 <i>Trauma</i>
<u>UNR</u>	S2011, '12 <i>Capstone</i>
<u>American University, Washington, DC</u>	S2011 <i>Senses</i>
<u>Rutgers University-Camden</u>	F2009 <i>Cognitive Psychology</i>
<u>Bucknell University, Lewisburg, PA</u>	S2009 <i>Advanced Perception</i>
<u>University of Pennsylvania, Philadelphia</u>	F2008 <i>Cognitive Neuroscience</i>
<u>Temple University, Philadelphia, PA</u>	S2008 <i>Cognition</i>

Dartmouth College, Hanover, NH

2002-2003 Teaching Assistant *Methods in Psychological Science*, Senior Lecturer: 2
trimesters; *Sensation & Perception*; *Behavioral Neuroscience*, Laboratory Methods Leader

Mill River Union High School, N. Clarendon, VT

2000-2001 French and Spanish Teacher: grades 7-12

MENTORING EXPERIENCE

University of Nevada (2010-current): Graduate Students (PhD, unless noted)

2021 – 2026	Jenna Pablo
2024 – 2025	Ali Pexsa (co-mentored with Edward Ester)
2018 – 2024	Jorja Shires
2021	Lauren Netzel, lab rotation
2015 – 2020	Hector Arciniega, Asst. Prof, NYU Medical School
2015 – 2020	Adelle Cerreta, Instructor, SUNY Niagara
2012 – 2015	Filiz Gözenman Sapin, Elem. School Guidance Counselor
2011 – 2015	Jaclyn A. Stephens, Assoc. Prof Colorado State University
2010 – 2014	Dwight J. Peterson, Assoc. Prof., Concordia College, MN
2010 – 2014	Kevin T. Jones, NINDS, Program Specialist
2010 – 2012	Ryan T. Tanoue, MA, head riflery coach at Ohio State

Postdoctoral Fellow/Research Fellow Mentor

2017	Kevin T. Jones, Postdoctoral Fellow, NINDS, Program Specialist
2014-2016	Ryan Mruczek, Research Scientist (part-time), Assoc Prof, Holy Cross

UNDERGRADUATE RESEARCH ASSISTANTS

S: SPRING, SU: SUMMER, F: FALL

2025	Eva Feldman (S), Stephania de Guizar (F), Hannah Herman (F), Lena Kimmelmeier (S Honors NURA), Chloe Phan (S), Christian Reyes (S, F), Keala Wallace (S, F), Fiona White (F), Elenie Zuniga (ENDURE, S, F)
2024	Mersal Ameenah Sykes (S, F; McNair), Lindsey Bevilacqua (S), Lena Kimmelmeier (S NURA, F), Laura Perry (F), Chloe Phan (F), Christian Reyes (F), Ahmed Sanousi (S), Bodie Stein (S, NURA), Stacen Suzuki (S), Jordan Tobin (F), Elenie Zuniga (ENDURE, F)
2023	Campbell Bender (S), Muskan Kapila (S,F), Lena Kimmelmeier (S: NURA, Su,F), Jessica Muney (F), Chad Rice (S,F), Beau Oster (S, ENDURE), Bodie Stein (F)
2022	Jazmyne Ali (S), Katryn Cabeguín (S), Joseph Castellanos (S, HURA), Muskan Kapila (S, F), Lena Kimmelmeier (S, Su, F), Karina Kneeland (S, Su, F; NURA), Beau Oster (S, ENDURE, F), Caleb Ryce (ENDURE, F), Kylie Tang (S)
2021	Christopher Belant (S), Joseph Castellanos (S, F), Arianna Cotom (F), Katryn Cabeguín (S, F), Damien Fertita (S), Crystal Guiao (S), Muskan Kapila (F), Karina Kneeland (F), Beau Oster (F ENDURE)
2020	Joseph Castellanos (S, F), Katryn Cabeguín (S), Melissa Felipe (S), Damien Fertita (S), Crystal Guiao (S, F), Olivia Hall (PREP, S), Alexandria Kilgore-Gomez (S, HURA)
2019	Gunnar Annis (F), Joseph Castellanos (S, F, PREP), Melissa Felipe (F), Alexandria Kilgore-Gomez (S, Su, F), Keith Madrona (S), Raven Romska (S), Anthony Sofia (S, F), Tran Zen Torres (S, F)
2018	Jessica Bisbee (S, Su, F), Grant Barber (S), Joseph Castellanos (F), Emily Fox (S), Alexandria Kilgore-Gomez (S, Su, F), Keith Madrona (F)
2017	Carlos Carrasco (S, Su, F), Emily Fox (Su, F), Alexandria Kilgore-Gomez (S, Su, F), Jaclyn McBride (S), Carlie McKissick (S), London Patton (F), Lexus Redmond (F), Jennifer Shepack (S, Su, F)
2016	Matthew Burford (S), Carlos Carrasco (S, F), Willow Hammon (F), Hannah Kinavey (S), Jaclyn McBride (S, F), Candace Peacock (S), Jennifer Shepack (F), Payton Smith (S, F), Charles West (S), Michael Yco (S)

2015	Hector Arciniega (S), Carlos Carrasco (F), Riley Kellermeyer (S), Hannah Kinavey (F), Blanca Luch (S), Morgan Martin (F), Hanna Nagy (F), Pragnesh Patel (S), Candace Peacock (S, Su, F), Mariana Pereira (Su, LaSalle University), Raymon Rosado (S), Jeffery Webb (F), Michael Yco (F)
2014	Hector Arciniega (S, Su, F), Gabriella Dimotsantos (S, Su), Lisa DuPont (F), Alex Flores (S), Elizabeth Hofschulte (S), Daniel Lide (F), Tracie McCain (S), Karen McKay (F), Sunny Mok (S), Candace Peacock (S, F), Fernando Valenzuela (S), Raymon Rosado (F), Karen-Nicole Williamson (S,F)
2013	Hector Arciniega (S, Su, F), Gabriella Dimotsantos (S, Su, F), Christie Mayor (S), Tracie McCain (F), Sunny Mok (F), Maci Pfaffenberger (S), Candace Peacock (F), Sophia Pierce (S), Karen-Nicole Williamson (F), Paul Woodland (S)
2012	Carly Andrus (F), Jessica Atkinson (F), Nicole Baldrige (S), Jennie Bowers (F), Caitlin Crane (S), Gabriella Dimotsantos (S,F), Abby Feenstra (S), Sierra Kreamer-Hope (S,F), Terina Metoyer (S), Royal Stewart (S), Sophia Pierce (Su, F), Megan Tilman (S), Paul Woodland (F)
2011	Amanda Arizmendi (F), Padricia Chambers (F), Caitlin Crane (F), Gabriella Dimotsantos (F), Abby Feenstra (F), Mia Koci (Su, USC), Adrienne Lattin (S), Edward Elliott (S), Bien Cornejo (S), Terina Metoyer (S, Su, F), Megan Tilman (F)

ASCENT Mentor: Hug High School, Reno, NV

2010 – 2012 Juan Pedroza

Temple University (2007-2010); University of Pennsylvania (2006-2010);
Dartmouth College (2001-2006)*Temple:* Jessica André, Robert Arnold, Kinnari Atit, Alexandra Giardino, Brandon Kitchner, Cara Shay, Melissa Thorpe, Laura Skipper, Lauren Richmond*Penn:* Yonatan Mazuz, Lisa Phuong, Lauren Picasso, Alan Plotzker, Youssef Ezzyat*Dartmouth:* Lauren Botcheos, Tanya Chiu, Brittany Copenhaver, Ashley Donnenfeld, Roselinde Kaiser, Heather Kiefer, Priya Mitra, Jane Viner**STUDENT'S ACADEMIC GRANTS AND HONORS (FOR MB LAB WORK)**

• Undergraduate, *Graduate student

2025	Jenna Pablo*	GSA Outstanding Grad. Researcher (\$750)
2025	Lena Kemmelmeier•	UNR Honors Dissertation NURA (\$2,745)
2024	Ali Pexsa*	Dean's Merit Scholarship (\$10,000)
2024	Lena Kemmelmeier•	UNR NURA (\$2,745)
2024	Bodie Stein•	UNR NURA (\$2,745)
2023	Lena Kemmelmeier•	UNR NURA (\$3,853)
2022	Karina Kneeland•	UNR NURA (\$2,750)
2021-2023	Beau Oster•	NV ENDURE
2022	Joseph Castellanos•	UNR NURA (\$2,300)
2021	Joseph Castellanos•	UNR NURA (\$2,100)
2020-2021	Joseph Castellanos•	UNR EPSCoR UROP (\$4,000)
2019	Joseph Castellanos•	UNR PREP recipient (\$2,300)
2020	Olivia Hall•	UNR PREP recipient (\$2,300)
2020	Alex Kilgore-Gomez•	Honors Research Award (HURA, \$1,300)
2019-2020	Alex Kilgore-Gomez•	UNR EPSCoR UROP (\$4,000)
2018	Alex Kilgore-Gomez•	Ugrad. Research Award (NURA, \$1,500)
2019	Hector Arciniega*	NSHE Regents' Scholar Award (\$5,000),

2019	Hector Arciniega*	GSA Milton Glick Scholarship (\$1,000),
2019	Hector Arciniega*	GSA Paper Competition: Science (\$650)
2019-2023	Hector Arciniega*	NINDS DSPAN F99/K00 (Y1: \$34,964)
2016	Hector Arciniega*	GSA Research Grant Award (\$2,500)
2014	Hector Arciniega●	Psi Chi Research Fair: 3 rd Place
2013-2014	Hector Arciniega●	Ugrad. Research Award (GURA, \$1500)
2017	Carlos Carrasco●	UNR Epscor Summer funding (\$4,000)
2016-2017	Carlos Carrasco●	Ugrad. Research Award (GURA, \$1500)
2016-2017	Jaclyn McBride●	Ugrad. Research Award (GURA, \$1500)
2016	Candace Peacock●	Honors Ugrad. Award (HURA) (\$2,000)
2015	Candace Peacock●	Psi Chi Research Fair: 1 st Place
2014-2015	Candace Peacock●	Ugrad. Research Award (GURA, \$1500)
2015-2017	Gennady Erlikmahn	Postdoctoral NRSA co-sponsor
2014, 2015	Filiz Gözenman*	UNR GSA Int. Grad Student Award
2014	Kevin Jones*	UNR GSA Research Paper Award: 2 nd Place
2012	Kevin Jones*	UNR GSA Paper Award: 3 rd Place
2015	Jaclyn Stephens*	UNR 3-Minute Thesis: 2 nd Place,
2015	Jaclyn Stephens*	UNR GSA Best Paper Award: 3 rd Place
2014-2015	Jaclyn Stephens*	Nevada LEND trainee
2014	Jaclyn Stephens*	UNR GSA Outstanding Grad Student Award
2014-2015	Jaclyn Stephens*	Bilinski Dissertation Year Support (\$24,000)
2012	Jaclyn Stephens*	UNR GSA Paper Award: 3 rd Place
2014	Gabriella Dimotsantos●	Psi Chi Research Fair: 2 nd Place
2014	Gabriella Dimotsantos●	CLA Excellence in Research Award
2013-2014	Gabriella Dimotsantos●	Ugrad. Research Award (GURA, \$1500)
2013	Gabriella Dimotsantos●	Psi Chi Research Fair: 3 rd Place
2012	Sierra Kraemer-Hope● & Caitlin Crane●	Psi Chi Res. Fair: 1 st Place
2012	Terina Metoyer●	CLA Excellence in Research Award
2012	Ryan Tanoue*	RMPA Conference Research Award
2012	Ryan Tanoue*	UNR GSA Outstanding Grad Student Award
2012	Ryan Tanoue*	UNR GSA Best Poster Award: 1 st Place
2012	Dwight Peterson*	UNR GSA Research Award (\$2,000)

SERVICE

2025-27	UNR: CoS	College P&T Committee
2025-	CNS	Program Committee: Member
2025	UNR: GSA	Annual Awards Judge
2025	UNR	Women in STEM Recruit.: Damonte HS
2025	UNR	Search Comm Member: Dir. Ugrad Res.
2024-	UNR	PhD Comm: Brandon Hunley (clinical)
2024-	UNR	PhD Comm: Wendy Alfonso Torrens (INP)
2024	UNR	Wise Women Mentor: Mason Bowman
2024	UNR: GSA	Annual Awards Judge
2024-	UNR	PhD Comm. Maddie Fenner (INP)
2024	UNR: CoS	Dean's College Climate Committee
2024	UNR Libraries	<i>Manuscript Accepted!</i> Journal Eds Panelist
2023-25	Dept	Chair, Dept. Bylaws Committee
2023	UNR	1 st Year Comm., Kristin Quigley, INP

2023-24	Dept	Chair, Annual Review Committee
2022-24	UNR	Chair, PhD Comm: Jorja Shires
2022-23	UNR	MS Committee: Wendy Alfonso Torrens
2022-23	Dept	Psychology Program Review Committee
2022-23	UNR, Orvis	DNP Comm: Alex Monrean
2022-23	UNR	PhD Comm: Tejvir Grewall (Edu)
2022	UNR NSF EPSCoR UROP	Application Reviewer: Summer Fellowships
2022	UNR: GSA	Annual Awards Judge
2022	UNR Career Explorations:	Women in Stem, Mentor (Regina Dispa)
2021	UNR	Academic Integrity Board: Panel Member
2021	UNR	Chair, MS Comm., Jorja Shires, CBS
2021-22	UNR	1 st Year Comm., Madeline Taylor, INP
2021-23	UNR	Fac. Senate: <i>Campus Affairs Committee</i>
2021	UNR: GSA	Annual Awards Judge
2020-21	UNR	DCT Search Member, Dept.
2020	Dept.	Chair, Psych. Lecturer Search Committee
2020	UNR	Mousel-Feltner Award Committee
2020	UDelaware	PhD Committee: Greg Ward
2019	UNR	MA Comm.: Jenna DeLaurentis, (RSJ)
2019	UNR	Upward Bound lab visit hosting
2019-21	UNR	Fac. Senate Res. & Grants Council Comm.
2019	UNR	UGrad Research: NURA Reviewer
2019	UNR	Alan Bible Teaching Award Committee
2019	UNR	Disability Res. Ctr: Neurodiversity Panel
2019	UNR	CLA Bilinski Fellowship Rev. Committee
2019	UNR	Master's SLP Committee: Emily Chambers
2019-20	UNR	PhD Committee Chair: Adelle Cerreta
2019-20	UNR	PhD Committee Chair: Hector Arciniega
2018-19	UNR	PhD Committee: Kyle Killebrew
2018	UNR	<i>Reviewer:</i> NV State Undergrad. Res. Journal
2018-19	UNR	Psych Personnel Committee
2018	UNR	MFA Committee: Nathan Perry
2018-19	UNR	MFA Committee: AnnElise Hatjakes
2017-18	UNR	Search Committee: Psych Lecturer
2017-18	UNR	CBS Developmental Search Committee
2017	UNR	Provost's Comm. on Day Care Expansion
2017	UNR	Alan Bible Teaching Award Committee
2016-2021	Community	Head Injury Assoc. N. NV, Board Member
2016	UNR	HURA review committee
2016	UNR, GSA	How to write Research Statements panel
2016	UNR	New Faculty Panel on T&P
2016-18	UNR	CLA Curriculum Committee
2016-20	UNR	PhD Comm.: Katherine Johnson, Chemistry
2016-17	UNR	PhD Committee: Olga Cirlugea, Clinical,
2016	UNR	PsychFit BootCamp, Presenter
2015-22	Cognitive Neuro. Soc.	Poster Committee (elected; Chair 2016-21)
2015-16	UNR	Philosophy Faculty Search Committee
2015-16	UNR	MSN Comm.: Amanda Stallings
2015-16	UNR	SLP, MS Committee: Renee Perona

2015	UNR	MSN Committee: Allison Gauvain
2014	UNR	PhD Committee (Chem) Raphael Enow
2014	UNR	Gen. Undergrad. Res. Award reviewer
2014-15	UNR	EPSCOR UROP reviewer
2014-15	UNR	PsychFit Committee/Presenter
2014	UNR	N. CA, W. NV Junior Science Symp. Visits
2014	UNR	MSN Committee: Kyle Truax
2014	UNR	PsychFit BootCamp Organizing Committee
2014	RMPA	Psi Chi Award Paper Reviewer
2013-16	UNR	Psi Chi Faculty Advisor
2013-15	UNR	PhD Committee (Clin): Stacy Cherup-Leslie
2013	UNR	MA Committee (Psy): Nathan Singley
2013	UNR	CLA Diversity Committee
2013-14	UNR	CBS Faculty Search Committee
2013	UNR	COBRE Project Coordinator Search Comm.
2012-13	UNR	CBS Faculty Search Committee
2012-13	UNR	Database Coordinator Search Committee
2012	UNR	Faculty Advisor: GSAN Neuroscience Club
2012	UNR	Faculty Advisor: Juggling Club
2012	UNR	MA Committee Chair (Psy): Ryan Tanoue
2011	UNR	Psychology Curriculum Committee
2011-13	UNR	Neuroscience Curriculum Committee
2011	UNR	Graduate Orientation Panelist
2011, 2015	UNR	New Faculty Orientation Panelist
2011-12	RMPA	Local Conference Organizer
2011-12	UNR	Nursing: Stephanie Flowers, MSN Comm.
2010-11	UNR	Faculty Committee on the Psychology Pool
2010-11	UNR	Sneak-Pique for guidance counselors
2004-06	Dartmouth College	Elected Graduate Student Representative
2005-06	Dartmouth College	Organizer: Cog Neuroscience Journal Club

PROFESSIONAL AFFILIATIONS

Association for Psychological Science
 Psychonomic Society, *Member*
 Society for Cognitive Neuroscience
 Society for Neuroscience
 Vision Sciences Society
 Women in Cognitive Science
 Women in Brain Stimulation

EDITORIAL BOARDS

2024 – current *Frontiers in Cognition: Memory*, Section Editor
 2020 – current *Brain Research*: Senior Editor
 2018 – current *Frontiers for Young Minds*: Neuroscience, mentor and editor

PEER REVIEWING

Aging, Neuropsychology and Cognition; Alzheimer's and Dementia: Translational Research and Clinical Interventions; Attention, Perception & Psychophysics; Brain and Behavior; Brain and Cognition; Brain Research; Brain Stimulation; Cerebral Cortex; Cortex; eLife; European Journal of Cognitive Psychology; Experimental Brain Research; Frontiers Journals; Human Brain Mapping; Journal of Cognitive Neuroscience; Journal of Experimental Psychology: Human Performance and Perception; Journal of Neurophysiology; Journal of Neuroscience; Journal of Psychiatric Research; Journal of Speech, Language and Hearing; Journal of Vision; Memory & Cognition; Nature Human Behavior; Neurobiological Reviews; NeuroImage; NeuroImage Reports; Neuropsychologia; NeuroReport; Neuroscience Letters; npj Science of Learning; Proceedings of the National Academy of Sciences; Psychonomic Bulletin & Review; Psychological Science: Quarterly Journal of Experimental Psychology; Scientific Reports

GRANT REVIEWING

2023-27	NIH Standing Member: Human Complex Mental Function (HCMF)
2023	Israel Science Foundation (1 grant)
2022	Canada First Research Excellence Fund external reviewer (1 grant)
2022	NIH Human Complex Mental Function (HCMF), <i>ad hoc</i> member, October
2022	NIH F01b Fellowship Panel (June)
2022	European Science Foundation (1 grant)
2022	NSF (2x; no more details are permitted to share)
2021	Tobacco-Related Disease Research Program (CA): Smoke and Vape Free Scholars Initiative (SVFSI) Study Section
2021	NIH Human Complex Mental Function (HCMF), Member Conflict Panel, July, <i>ad hoc</i> member, October, full panel
2021	Israel Science Foundation
2020	NIH Cognition and Perception (CP), <i>ad hoc</i> member Fall Meeting
2020	Canada First Research Excellence Fund external reviewer (1 grant)
2019	NSF (no more details are permitted to share)
2019	NIH Cognition and Perception (CP), <i>ad hoc</i> member Fall Meeting
2018	NIH Brain Disorders and Clinical Neuroscience reviewer
2018	NSF reviewer (no more details are permitted to share)
2017	Willy Gepts Research Foundation (Brussels)
2016-2017	NIH NIMH BRAINS reviewer
2016	NIH SCORE reviewer
2015	Alzheimer's Association
2012	Israel Science Foundation (1 grant)

MEDIA COVERAGE:

<https://www.livescience.com/54298-concussion-cognitive-effects.html>
http://www.sciencenews.org/view/generic/id/341920/title/News_in_Brief_Body_and_Brain
<https://www.unr.edu/nevada-today/news/2012/neuroscience-research-gets-big-boost-almost-10-million>
<https://www.unr.edu/nevada-today/news/2017/brain-research>
<https://www.unr.edu/nevada-today/blogs/2017/fake-news>
<https://www.unr.edu/nevada-today/news/2018/working-memory-research-findings>
<https://www.unr.edu/nevada-today/blogs/2020/brain-injury-month>
<https://www.unr.edu/nevada-today/news/2021/nevada-endure>
<https://www.unr.edu/nevada-today/news/2023/schizotypy-and-illusions>

CV: MARIAN BERRYHILL

<https://www.unr.edu/nevada-today/news/2025/nevada-endure-application-2025>

CV Updated 5/2025