

**Anne Walk****Assistant Professor of Psychology:** Psychology Department, Eastern Illinois University**Phone:** 217-581-2127**E-mail:** [amwalk@eiu.edu](mailto:amwalk@eiu.edu)

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**EDUCATIONAL BACKGROUND AND DEGREES AWARDED**

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|---|-----------|
| Ph.D. in Experimental Psychology, Cognitive Neuroscience concentration,<br>Saint Louis University<br>Dissertation "The effects of auditory and language experiences<br>on tasks of sequential and spatial learning."<br>Advised by Christopher M. Conway. | 2009-2014 |
| M.A. in Clinical Psychology, Eastern Illinois University<br>Thesis "The effect of visual magnification and reduction on perceived<br>hand size." Advised by Morton A. Heller.   | 2007-2009 |
| B.A., Summa Cum Laude, Honors in Psychology,<br>Eastern Illinois University<br>Honors Thesis "The effect of instruction on creativity in writing"<br>Advised by Morton A. Heller.   | 2003-2007 |

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**PROFESSIONAL HISTORY**

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|---|------------------------|
| <b>Assistant Professor of Psychology</b><br>Department of Psychology, Eastern Illinois University   | 2019-present           |
| <b>Psychology Instructor</b><br>Department of Psychology, Eastern Illinois University   | 2018-2019<br>2013-2015 |
| <b>Post-doctoral Research Associate</b> , Body Composition and<br>Nutritional Neuroscience Laboratory<br>Kinesiology and Community Health, University of Illinois | 2016-2018              |
| <b>Post-doctoral Research Associate</b> , Neurocognitive Kinesiology<br>Laboratory<br>Kinesiology and Community Health, University of Illinois                    | 2015-2016              |
| <b>University Dissertation Fellow</b><br>Department of Psychology, Saint Louis University   | 2012-2013              |
| <b>Graduate Teaching and Research Assistant</b> , Brain Learning<br>and Cognition Lab<br>Department of Psychology, Saint Louis University                         | 2009-2012              |
| <b>Graduate Research Assistant</b><br>Department of Psychology, Eastern Illinois University   | 2007-2008              |

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**AWARDS AND FELLOWSHIPS**

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| <b>Spencer-McGown-Wilson Faculty Award</b><br>Eastern Illinois University  | 2020 |
| <b>Olsen Award for Distinguished Dissertation Research</b><br>Saint Louis University   | 2015 |
| <b>University Dissertation Fellowship</b><br>Saint Louis University  | 2012 |
| <b>SLU Graduate Student Association Annual Research Symposium Award</b><br>Project Title: ERP Evidence for Difference Sequence Learning Mechanisms<br>in Children and Adults<br>Saint Louis University | 2012 |
| <b>Distinguished Graduate Student Award</b><br>Eastern Illinois University   | 2009 |
| <b>Fred L. Yaffe Award</b><br>Eastern Illinois University  | 2007 |
| <b>Donald A. and Marie Rothschild Award</b><br>Eastern Illinois University   | 2006 |

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**EXTERNAL GRANTS**

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**National Dairy Council**, Co-Investigator (Naiman Khan, Principle Investigator): “Cross-sectional and Longitudinal Predictors of Cognitive Control and Early Academic Abilities among Preschool Children” \$671,805 (Funded 05/2018).

**National Dairy Council**, Co-Investigator (Naiman Khan, Principal Investigator): “Diet Quality and Cognitive Control Function in Early Childhood: A Pilot Study”, \$143,487 (Funded 08/2016).

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**INTERNAL GRANTS**

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**Redden Grant**, Principle Investigator: “Eye-Tracker Use in Psychology Training Workshop”, \$905.10 (Funded Spring, 2020).

**Student Impact Grant**, Principal Investigator: “Predictors of Anti-Fat Bias”, \$1500 (Funded Fall, 2019).

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**TEACHING EXPERIENCE**

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| <b>Psychology of Learning- Online (PSY 3620)</b><br>Department of Psychology, Eastern Illinois University<br>Effectiveness Rating: 4.7/5.0                       | 2019- present |
| <b>Orientation to the Psychology Major (PSY 2999)</b><br>Department of Psychology, Eastern Illinois University<br>Effectiveness Rating: 4.7/5.0 (FA 2018-SP2019) | 2018- present |
| <b>Cognitive Neuroscience (PSY 3820)</b><br>Department of Psychology, Eastern Illinois University  | 2014-present  |

Effectiveness Rating: 4.6/5.0 (FA2018-SP2019)

**Statistical for Behavioral Science (PSY 2610)** 2014-present  
Department of Psychology, Eastern Illinois University  
Effectiveness Rating: 4.6/5.0 (FA 2018-SP2019)

**Research Methods (PSY 3805)** 2013-2015, 2018  
Department of Psychology, Eastern Illinois University  
Effectiveness Rating: 4.7/5.0 (FA 2018-SP2019)

**Introductory Psychology (PSY 271)** 2012, 2018  
Instructor, Lakeland College  
Effectiveness Rating: 4.7/5.0

**Sensation and Perception (PSY 3680)** 2013-2015  
Instructor, Department of Psychology, Eastern Illinois University  
Effectiveness Rating 4.8/5.0

**Child Psychology (PSY 3515)** 2014-2015  
Instructor, Department of Psychology, Eastern Illinois University  
Effectiveness Rating: 4.6/5.0

**Lifespan Development (PSY 279)** 2012  
Instructor, Lakeland College  
Effectiveness Rating: 4.8/5.0

**Developmental Psychology: Child (PSY 321)** 2011  
Instructor, Saint Louis University  
Effectiveness Rating: 4.7/5.0

**Electrophysiology of the Mind (PSY 488)** 2011  
Teaching Assistant, Saint Louis University

**Language and the Brain (PSY 471)** 2010  
Teaching Assistant, Saint Louis University

**Center for Teaching Excellence Course Completion** 2010

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## **PUBLICATIONS**

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### PEER REVIEWED JOURNALS

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1. Edwards, C.G., **Walk, A.M.**, Thompson, S.V., Reeser, G.E., Erdman, J.W. Jr., Burd, N.A., Holscher, H.D., & Khan, N.A. (2020). Effects of a 12-week avocado consumption on cognitive function among adults with overweight and obesity. *International Journal of Psychophysiology*, 148, 13-24.
2. **Walk, A.M.**, Raine, L.B., Kramer, A.F., Cohen, N.J., Hillman, C.H., & Khan, N.A. (2020). Adiposity is related to neuroelectric indices of motor response preparation in preadolescent children. *International Journal of Psychophysiology*, 147, 176-183.
3. Khan, N.A., Cannavale, C., Iwinski, S., Liu, R., McLoughlin, G., Steinberg, L.G., & **Walk, A.M.** Visceral adiposity and diet quality are differentially associated with cognitive abilities and early academic skills among preschool-aged children. *Frontiers in Pediatrics*, 7:548.

4. Gremp, M.A., Deocampo, J.A., **Walk, A.M.**, & Conway, C.M. (2019). Visual sequential processing and language ability in children who are deaf or hard of hearing. *Journal of Child Language*, 46, 785-799.
5. Edwards, C.G., **Walk, A.M.**, Cannavale, C.N., Flemming, I.R., Thompson, S.V., Reeser, G.R., Holscher, H.D., & Khan, N.A. (2019). Dietary choline is related to neural efficiency during a selective attention task among middle-aged adults with overweight and obesity. *Nutritional Neuroscience*, 1-10.
6. Edwards, C.G., **Walk, A.M.**, Cannavale, C.N., Thompson, S.V., Reeser, G.E., Holscher, H.D., & Khan, N.A. (2019). Macular xanthophylls and event-related brain potentials among overweight adults and those with obesity. *Molecular Nutrition & Food Research*, 63.
7. Kao, S.C., Cadenas-Sanchez, C., Shigeta, T.T., **Walk, A.M.**, Chang, Y.K., Pontifex, M.B., & Hillman, C.H. (2020). A systematic review of physical activity and cardiorespiratory fitness on P3b. *Psychophysiology*, 57(7), e13425.
8. Chojnacki, M.R., Holscher, H.D., Balbinot, A., Raine, L.B., Biggan, J. **Walk, A.M.**, Kramer, A.F., Cohen, N.J., Hillman, C.H., & Khan, N.A. (2019). Relations between mode of birth delivery and timing of developmental milestones and adiposity in preadolescence: A retrospective study. *Early Human Development*, 129, 52-59.
9. McLoughlin, G.M., Edwards, C.G., Jones, A.R., Chojnacki, M.R., Baumgartner, N.W., **Walk, A.M.**, Woods, A.M., Graber, K.C., & Khan, N.A. (2019). School lunch timing and children's physical activity during recess: An exploratory study. *Journal of Nutrition Education and Behavior*, 51(5), 616-622.
10. Edwards, C.G., **Walk, A.M.**, Thompson, Sharon V., Mullen, S., Holscher, H., & Khan, N.A. (2018). Disordered eating attitudes and behavioral and neuroelectric indices of cognitive flexibility in individuals with overweight and obesity. *Nutrients*, 10, 1902.
11. Jones, A.R., Robbs, C., Edwards, C.G., **Walk, A.M.**, Thompson, S.V., Reeser, G.E., Holscher, H., & Khan, N.A. (2018). Retinal morphometric markers of crystallized and fluid intelligence among adults with overweight and obesity. *Frontiers in Psychology*, 9, 2650.
12. Khan, N.A., **Walk, A.M.**, Edwards, C.G., Jones, A.R., Cannavale, C.N., Thompson, S.V., Reeser, G.E., & Holscher, H.D. (2018). Macular xanthophylls are related to intellectual ability among adults with overweight and obesity. *Nutrients*, 10(4), 396.
13. Niemero, G.M., Skinner, S.K., **Walk, A.M.**, Edwards, C.G., De Lisio, M., Holscher, H.D., Burd, N.A., & Khan, N.A. (2018). Oral glucose tolerance is associated with neuroelectric indices of attention among adults with overweight and obesity. *Obesity*, 26(10), 1550-1557.
14. Singh, S. **Walk, A.M.** & Conway, C.M. (2018). Atypical predictive processing during visual statistical learning in children with developmental dyslexia: An event-related potential study. *Annals of Dyslexia*, 68, 165-179.
15. Baumgartner, N.W., **Walk, A.M.**, Edwards, C.G., Covello, A.R., Chojnacki, M.R., Reeser, G.E., Taylor, A., Holscher, H.D., & Khan, N.A. (2017). Relationship between physical activity, adiposity, and attentional inhibition. *Journal of Physical Activity & Health*, 15, 191-196.
16. Barnett, S.M., Khan, N.A., **Walk, A.M.**, Raine, L.B., Moulton, C., Cohen, N.J., Kramer, A.F., Hammond, B.R., Renzi-Hammond, L. & Hillman, C.H. (2018). Macular pigment optical density is positively associated with academic performance among preadolescent children. *Nutritional Neuroscience*, 1-9.
17. **Walk, A.M.**, Raine, L.B., Kramer, A.F., Cohen, N.J., Khan, N.A., & Hillman, C.H. (2017). Differential effect of carbohydrates on behavioral and neuroelectric indices of selective attention in preadolescent children. *Frontiers in Human Neuroscience*, 11:614.

18. **Walk, A.M.**, Khan, N.A., Barnett, S.M., Raine, L.B., Kramer, A.F., Cohen, N.J., Moulton, C.J., Renzi-Hammond, L.M., Hammond, B.R., & Hillman, C.H. (2017). From neuro-pigments to neural efficiency: The relationship between retinal carotenoids and behavioral and neuroelectric indices of cognitive control in childhood. *International Journal of Psychophysiology*, *118*, 1-8.
19. **Walk, A.M.**, Edwards, C.G., Baumgartner, N.W., Chojnacki, M.R., Covello, A.R., Reeser, G.E., Hammond, B.R., Renzi-Hammond, L.M., & Khan, N.A. (2017). The role of retinal carotenoids and age on neuroelectric indices of attentional control among early to middle-aged adults. *Frontiers in Aging Neuroscience*, *9*.
20. **Walk, A.M.** & Conway, C.M. (2016). Cross-domain statistical-sequential dependencies are difficult to learn. *Frontiers in Psychology*, *7*(250).
21. Jost, E., Conway, C.M., Purdy, J.D., **Walk, A.M.**, & Hendricks, M.A. (2015). Exploring the neurodevelopment of visual statistical learning using event-related brain potentials. *Brain Research*, *1597*, 95-107.
22. **Walk, A.M.**, Matsuo, H., & Giovanoni, A. (2015). Preschool predictors of kindergarten language outcomes. *IAFOR Journal of Education*, *3*(1), 132-149.
23. Conway, C.M., Deocampo, J., **Walk, A.M.**, Anaya, E.M., & Pisoni, D.B. (2014). Deaf children with cochlear implants do not appear to use sentence context to help recognize spoken words. *Journal of Speech, Language, and Hearing Research*, *57*(6), 2174-2190.
24. **Walk, A.M.** & Heller, M.A. (2014). The effect of visual magnification and reduction on hand size judgment. *Attention, Perception, and Psychophysics*, *76* (4), 1045-1056.
25. Heller, M.A., Jones, M., **Walk, A.M.**, Schnarr, R.E., Hasara, A.N., Litwiller, B. (2010). Sex differences in the haptic change task. *Journal of General Psychology*, *137*, 49-62.
26. Heller, M.A., **Walk, A.M.**, Schnarr, R.E., Kibble, S., Litwiller, B., & Ambuehl, C. (2010). Attenuating the haptic horizontal-vertical curvature illusion. *Attention, Perception, and Psychophysics*, *72*(6), 1626-1641.
27. Heller, M.A., Riddle, T., Fulkerson, E., Wemple, L., **Walk, A.M.**, Kranz, C., Guthrie, S., & Klaus, P. (2009). The influence of viewpoint and surface detail in blind and sighted people when matching pictures to complex objects. *Perception*, *38*, 1234-1250.
28. Heller, M.A., Kappers, A.M.L., McCarthy, M., Clark, A., Riddle, T., Fulkerson, E., Wemple, L., **Walk, A.M.**, Basso, A., Wanek, C., & Russler, K. (2008). The effects of curvature on haptic judgments of extent in sighted and blind people. *Perception*, *37*, 816-840.

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#### INVITED CHAPTERS

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1. **Walk, A.M.** & Conway, C.M. (2015). Implicit statistical learning and language acquisition: Experience dependent constraints on learning. P. Rebuschat (Ed.), *Implicit and Explicit Learning of Languages*, (pp. 191-212). Philadelphia, PA: John Benjamins.
2. **Walk, A.M.** & Conway, C.M. (2013). Two distinct sequence learning mechanisms for syntax acquisition and word learning. Invited chapter to appear in G. Hollich & L. Gogate (Eds.), *Theoretical and Computational Models of Word Learning: Trends in Psychology and Artificial Intelligence*. XX: IGI Global.

3. Conway, C.M., Gremp, M.A., **Walk, A.M.**, Bauernschmidt, A., & Pisoni, D.B. (2012). Can we enhance domain-general learning abilities to improve language function? Invited chapter to appear in P. Rebuschat & J. Williams (Eds.), *Statistical Learning and Language Acquisition*. Mouton de Gruyter.
4. Heller, M.A. & **Walk, A.M.** (2011). Touch in people who are visually impaired. In M. Hertenstein & S. Weiss (Eds.). *Handbook of touch*. New York: Springer.

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#### CONFERENCE PROCEEDINGS

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1. **Walk, A.M.** & Conway, C.M. (2011). Multisensory statistical learning: Can cross-modal associations be acquired? In L. Carlson, C. Hoelscher, & T.F. Shipley. (Eds.), *Proceedings of the 33rd Annual Conference of the Cognitive Sciences Society* (pp. 3337-3342). Austin, TX: Cognitive Science Society.

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#### SUBMITTED AND UNDER REVIEW

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1. Pindus, D.M., Edwards, C.G., **Walk, A.M.**, Reeser, G., Burd, N.A., Holscher, H.D., Khan, N.A. Sedentary time is related to deficits in response inhibition among adults with overweight and obesity: An accelerometry and ERP study.
2. Khan, N.A., Edwards, C.G., Thompson, S.V., Hannon, B.A., Burke, S.S., **Walk, A.M.**, Mackenzie, R.W.A., Reeser, G.E., Fiese, B.H., Burd, N.A., Holscher, H.D. Effects of avocado consumption on abdominal adiposity and oral glucose tolerance: Findings from the Persea Americana for Total Health (PATH) randomized, controlled trial.
3. Edwards, C.G., **Walk, A.M.**, Thompson, S.V., Reeser, G., Dilger, R.N., Erdman, J.W., Burd, N.A., Holscher, H.D., Khan, N.A. Dietary xanthophyll and choline intake interactively influence cognitive flexibility middle-adulthood.
4. McLoughlin, G.M., **Walk, A.M.**, Edwards, C.G., Jones, A.R., Woods, A.M., Graber, K.C., & Khan, N.A. Executive function and temperament dimensions as predictors of children's physical activity during recess.

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#### POSTERS AND ABSTRACTS

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1. Keye, S., Edwards, C.G., Cannavale, C.N., Iwinski, S.J., Reeser, G., **Walk, A.M.**, Barnett, L.M., Khan, N.A. (May 2020). Children's motor skills are selectively related to interference control among school-aged children. Poster to be presented at Academy of College of Sports Medicine's Annual Meeting: San Francisco, CA.
2. Pindus, D.M., Edwards, C.G., **Walk, A.M.**, Thompson, S.V., Reeser, G., Burd, N.A., Holscher, H.D., & Khan, N.A. (May 2020). Accelerometer-measured sedentary patterns are related to poorer inhibitory control in middle-aged adults with elevated weight status. Poster to be presented at the Academy of College of Sports Medicine's Annual Meeting: San Francisco, CA.
3. Cannavale, C.N., Bailey, M., Edwards, C.G., **Walk, A.M.**, Thompson, S.V., Burd, N.A., Holscher, H.D., Khan, N.A. (June 2019). C-reactive protein and interleukin-6 attenuate the relationship between visceral fat and cognitive control. Oral presentation at Nutrition 2019: Baltimore, MD.
4. Edwards, C.G., Cannavale, C.N., Flemming, I.R., Iwinski, S.J., **Walk, A.M.**, Renzi-Hammond, L., Khan, N.A. (June 2019). Skin and macular carotenoids and their implications for cognitive control and achievement in children. Oral presentation at Nutrition 2019: Baltimore, MD.
5. Edwards, C.G., **Walk, A.M.**, Thompson, S.V., Reeser, G.E., Erdman, J., Burd, N.A., Holscher, H.D., Khan, N.A. (June 2019). Effects of a 3-month avocado randomized control-trial on cognitive function and lutein status among adults with overweight and obesity. Oral presentation at Nutrition 2019: Baltimore, MD.

6. **Walk, A.M.**, McLoughlin, G.M., Cannavale, C.N., Iwinski, S., Liu, R., Steinberg, L., & Khan, N.A. (November 2018). Sub-aerobic fitness is related to the neuroelectric indices of attention in early childhood. Poster presented at Neuroscience 2018: San Diego, CA.
7. Cannavale, C.N., **Walk, A.M.**, Liu, R., Iwinski, S.J., McLoughlin, G.M., Gholson, L.M., & Khan, N.A. (June 2018). The relationship between adiposity and cognitive function in early childhood. Poster presented at: Nutrition 2018 1<sup>st</sup> Annual Conference of the American Society of Nutrition: Boston, MA.
8. Edwards, C.G, **Walk, A.M.**, Jones, A.R., Thompson, S.V., Reeser, G.E., Holscher, H.D., & Khan, N.A. (April 2018). You are what you didn't eat: Cognitive processing in the fasted state amongst breakfast consumers and non-consumers. Poster presented at American Society for Nutrition Annual Meeting: Boston, MA.
9. Jones, A.R., Robbs, C.M., Edwards, C.G., **Walk, A.M.**, Thompson, S.V., Reeser, G.E., Holscher, H.D., & Khan, N.A. (April 2018). Retinal morphology as a marker of crystallized and fluid intelligence among adults with overweight and obesity. Poster presented at the American Society for Nutrition Annual Meeting: Boston, MA.
10. Niemi, G.M., **Walk, A.M.**, Edwards, C.G., Bailey, M.A., Skinner, S.K., De Lisio, M., Burd, N.A., Holscher, H.D., & Khan, N.A. (June 2018). Chronic systemic inflammation moderates the relationship between adiposity and behavioral and neuroelectric indices of attention. Poster presented at The American College of Sports Medicine Annual Meeting 2018: Minneapolis, MN.
11. Niemi, G.M., Skinner, S.K., **Walk, A.M.**, Edwards, C.G., Beals, J., Jones, A.R., Holscher, H.D., Burd, N.A., Khan, N.A. (October 2017). Oral glucose tolerance is associated with behavioral and neuroelectric indices of attention. Poster presented at Obesity Week Annual Meeting: Washington DC.
12. Chojnacki, M.R., Edwards, C.G., Baumgartner, N.W., **Walk, A.M.**, Covello, A.R., Reeser, G.E., Holscher, H.D., & Khan, N.A. (October 2017). Weight status and visceral adiposity are related to intraindividual variability in cognitive function. Poster presented at the Food and Nutrition Conference and Expo: Chicago, IL.
13. Edwards, C.G., **Walk, A.M.**, Baumgartner, N.W., Chojnacki, M.R., Covello, A.C., Evensen, J., Thompson, S.V., Holscher, H.D., & Khan, N.A. (October 2017). Relationship between whole grain consumption and selective attention: A behavioral and neuroelectric approach. Poster presented at the Food and Nutrition Conference and Expo: Chicago, IL.
14. Covello, A.R., **Walk, A.M.**, Edwards, C.G., Reeser, G.E., & Khan, N.A. (July 2017). Neurocognitive implications of non-nutritive sweetener intake among overweight and obese adults. Poster presented at the Society for the Study of Ingestive Behavior: Montreal, Quebec, Canada.
15. Baumgartner, N.W., **Walk, A.M.**, Edwards, C.G., Curran, M.R., Covello, A.R., Reeser, G.E., & Khan, N.A. (April 2017). Sedentary time is inversely related to behavioral and neuroelectric indices of cognitive control. Poster presented at Experimental Biology: Chicago, IL.
16. Baumgartner, N.W., **Walk, A.M.**, Edwards, C.G., Covello, A.R., Curran, M.R., Reeser, G.E., Taylor, A.M., Holscher, H.D., & Khan, N.A. (May, 2017). Habitual physical activity moderates the negative influence of adiposity on cognitive control. Poster presented at the Annual College of Sports Medicine Annual Meeting: Denver, CO.
17. Smith, G.N.L., Valdez, G.E., **Walk, A.M.**, Purdy, J.D., & Conway, C.M. (March 2017). Superior temporal gyrus in processing linguistic and nonlinguistic structural regularities. Poster presented at the 63<sup>rd</sup> Annual Meeting of the Southeastern Psychological Association: Atlanta, GA
18. Edwards, C.G., Curran, M., **Walk, A.M.**, Erdman, J., Renzi, L., Hammond, B., & Khan, N.A. (October, 2016). Retinal Carotenoids, Adiposity, and Response Variability in Selective Attention. Poster presented at Obesity Week: New Orleans, LA.
19. Singh S., **Walk A.M.**, & Conway C.M. (September 2016). Event-related potential correlates of children with dyslexia reveal visual statistical learning impairment. Poster presented at the Society of Psychophysiological Research 56<sup>th</sup> Annual Meeting: Minneapolis, MN.

20. **Walk A.M.**, Raine L.B., Moulton C., Kuchan M., Cohen N., Kramer A., Hammond B., Renzi-Hammond L., Hillman C.H., Khan N. (September 2016). Macular carotenoids are positively related to academic achievement in pre-adolescent children. Poster presented at the 38<sup>th</sup> ESPEN Congress: Copenhagen, Denmark.
21. **Walk A.M.**, Khan N.A., McCorkle S.M., Drollette E.S., Raine L.B., Kramer A.F., Cohen N.J., Renzi L.M., Hammond B.R., and Hillman C.H. (September 2016). The role of macular pigment optical density in children's attentional control and academic achievement. Poster presented at the Society of Psychophysiological Research 56th Annual Meeting: Minneapolis, MN.
22. **Walk, A.M.**, Raine, L.B., Cohen, N.J., Kramer, A.F., Hillman, C.H., & Khan, N.A. (May, 2016). *High-Fit Children Exhibit Greater Resilience to the Transient Effects of Sucralose on Cognitive Control*. Poster presented at the Annual College of Sports Medicine Annual Meeting: Boston, MA.
23. **Walk, A.M.** & Conway, C.M. (November, 2015). *Different Neural Mechanisms Underlie Sequential and Spatial Learning*. Poster presented at the Psychonomic Society Annual Convention: Chicago, IL.
24. **Walk, A.M.** & Conway, C.M. (November, 2013). *Electrophysiological correlates of sequence learning in children with developmental dyslexia*. Poster presented at the Psychonomic Society Annual Convention: Toronto, Ontario, Canada.
25. **Walk, A.M.** (April, 2013). *Neural correlates of sequence learning in children diagnosed with dyslexia and typically developing children*. Poster presented at the Saint Louis University Graduate Student Association 19<sup>th</sup> Annual Research Symposium: Saint Louis, MO.
26. **Walk, A.M.** (April, 2012). *ERP evidence of different sequence learning mechanisms in children and adults*. Poster presented at the Saint Louis University Graduate Student Association 18<sup>th</sup> Annual Research Symposium: Saint Louis, MO.
27. Conway, C.M., **Walk, A.M.**, Purdy, J.D., & Smith, G. (March, 2012). *ERP evidence for different sequential pattern-learning mechanisms in children and adults*. Poster presented at the Cognitive Neuroscience Society Annual Meeting: Chicago, IL.
28. **Walk, A.M.** & Conway, C.M. (July, 2011). *Multisensory statistical learning: Can associations between perceptual categories be acquired?* Poster and paper presented at 33<sup>rd</sup> Annual Conference of the Cognitive Science Society: Boston, MA.
29. **Walk, A.M.** & Heller, M.A. (November, 2010). *The Effect of Visual Reduction and Magnification: Size Estimates of Body and Non-body Objects*. Poster presented at the Psychonomic Society Annual Meeting: St. Louis, MO.
30. Heller, M. A., Schnarr, R. Litwiller, B., Young, C., Smith, A., & **Walk, A.M.** (November, 2009). *The Visual and Haptic Horizontal-Vertical Curvature (Saint Louis Arch) Illusion*. Poster presented at the Psychonomic Society Annual Meeting: Boston, MA.
31. Heller, M. A., Jones, M., **Walk, A. M.**, Schnarr, R. E., & Hasara, A. (November, 2008). *Sex Differences in the Haptic Change Task*. Poster presented at the psychonomic Society Annual Meeting: Chicago, IL.
32. **Walk, A.M.** & Heller, M.A. (October, 2008). *Gender Differences in the Haptic Change Task*. Presented at EIU Philanthropy Dinner: Charleston, IL.
33. Heller, M. A., Jones, M., **Walk, A. D. M.**, & Hasara, A. (June, 2008). *Gender Differences and the haptic change task*. Presented at Illinoisy Data Conference, Southern Illinois University Carbondale, IL.

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#### **APPEARANCES IN POPULAR MEDIA**

**Lutein may counter cognitive aging, study finds**

2017

Liz Ahlberg Touchstone, Biomedical Sciences Editor, Illinois News Bureau  
Appeared in: Medscape, Forbes, MSN Lifestyle, Men's Health, Reader's Digest,  
Woman's Day (November 2017 edition)

**Studies link nutrient, academic achievement in pre-adolescent children** 2017

Diana Yates, Life Sciences Editor, Illinois News Bureau  
Appeared in: Medscape, Modern Farmer

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## **PROFESSIONAL SERVICE**

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### **Ad Hoc Journal Reviewer**

*Journal of Experimental Psychology: Learning, Memory, and Cognition*  
*Perception*  
*Developmental Psychology*

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## **SERVICE TO COMMUNITY**

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### **Invited Talks**

Sullivan Rotary, Local Chapter Meeting Spring 2018  
University of Illinois Extension, Professional Development Training Fall 2018

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## **CLINICAL EXPERIENCE**

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**Graduate Intern** 2008- 2009

Human Resources Center of Clark and Edgar Counties