

**Curriculum Vita**  
July 23, 2018

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**Education:**



*Journal of Clinical and Experimental Neuropsychology*  
*Journal of Experi*



Levant, R.E., Allen, P.A., & Lien, M.-C. (2014). Alexithymia in men: How and when does the deficit in the processing of emotions occur? *Psychology of Men and Masculinity*, 15, 324-334.

Lien, M.-C., Allen, P.A., & Martin, N. (2014). Processing visual words with numbers: Electrophysiological evidence for semantic activation. *Psychonomic Bulletin and Review*, 21, 1056-1066.

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Martin, B.A., & Allen, P.A. (2013). Where do we stand on the relationship between tau biomarkers and mild cognitive impairment?: an editorial on Amlie et al. (2013). *Quantitative Imaging in Medicine and Surgery*, 3(4), 189-191.

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Allen, P.A., Stadlander, L.M., Groth, K.E., Pickle, J., & Madden, D.J. (2000). Adult age invariance in sentence unitization processing. *Aging, Neuropsychology, and Cognition, 7*, 54-67.

Riske, M.L., Wallace, B., & Allen, P.A. (2000). Imaging ability and eyewitness accuracy. *Journal of Mental Imagery, 24*, 137-148.

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Allen, P.A., Kaufman, M., Smith, A.F., & Propper, R. (1998). A molar entropy model of age differences in spatial memory. *Psychology and Aging, 13*, 501-518.

Allen, P.A., Kaufman, M., Smith, A.F., & Propper, R. (1998). Age differences in entropy: Primary versus secondary memory. *Psychology and Aging, 13*, 123-136.

Allen, P.A., Smith, A.F., Vires-Collins, H., & Sperry, S. (1998). The psychological refractory period: Evidence for age differences in attentional time-sharing. *Psychology and Aging, 13*, 218-229.

Allen, P.A., Smith, A.F., Jerge, K.A., & Vires-Collins, H. (1997). Age differences in mental multiplication: The effect of task type and exposure duration. *Journal of Gerontology: Psychological Sciences, 52*(1), 1-10.





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- Madden, D.J., & Allen, P.A. (1989). Amount and duration of attentional demands during visual search. *Perception & Psychophysics*, *45*, 577-585.
- Madden, D.J., Blumenthal, J.A., Allen, P.A., & Emery, C. (1989). Improving aerobic capacity in healthy older adults does not necessarily lead to improved cognitive performance. *Psychology and Aging*, *4*, 307-320.
- Allen, P.A., & Coyne, A.C. (1988a). Age differences in primary organization or processing variability? Part I: Age and primary organization. *Experimental Aging Research*, *14*, 143-149.
- Allen, P.A., & Coyne, A.C. (1988b). Age differences in primary organization or processing variability? Part II: Evidence for processing variability. *Experimental Aging Research*, *14*, 151-157.
- Krueger, L.E., & Allen, P.A. (1987). Same-different judgments of foveal and parafoveal letter pairs by older adults. *Perception & Psychophysics*, *41*, 329-334.
- Coyne, A.C. Allen, P.A., & Wickens, D.D. (1986). Influence of adult age on primary and secondary memory search. *Psychology and Aging*, *1*, 187-194.

**Edited books:**

- Allen, P.A., & Bashore, T.R. (Eds.) (1995). *Age differences in word and language processing*. North-Holland: Amsterdam.

Petersen, Verdureau, F. *Mild Cognitive Impairment. Du vieillissement cérébral à la démence*. Marseille: Solal.

Allen, P.A., Ruthruff, E., & Lien, M.-C. (2007). Attention. In J. Birren (Ed.), *Encyclopedia of gerontology (2<sup>nd</sup> Edition)*. (pp. 120-129). Academic press: San Diego.

Allen, P.A., Bucur, B., & Murphy, M.D. (2006). Information processing theory. In R. Schulz (Ed.), *The Springer encyclopedia of aging*. (pp. 588-591). Springer: New York.

Allen, P.A., Murphy, M.D., & Sanders, R.E. (2002). Reaction time and cognitive aging. In D.J. Ekerdt (Ed.), *The Macmillan encyclopedia of aging*. Macmillan: New York.

Madden, D.J., & Allen, P.A. (1996). Attention. In J. Birren (Ed.), *Encyclopedia of gerontology*. Academic Press: San Diego.

Allen, P.A., & Madden, D.J., & Slane, S. (1995). Visual word encoding and the effect of adult age and word frequency. In P.A. Allen and T.R. Bashore (Eds.), *Age differences in word and language processing* (pp. 30-71). North-Holland: Amsterdam.

#### **Published Reviews/Editorials:**

Allen, P.A. (2001) All in the mind or in the body. Review of Humphrey, N. (2000). How to solve the mind-body problem. *Trends in Cognitive Sciences*, 5, 42-44.

Allen, P.A. (1997). Fortelling the future of the mind. *Contemporary Psychology*. Review of Solso, R.L., & Massaro, D.W. (1995). *The science of the mind: 2001 and beyond*. New York: Oxford.

#### **Presented Papers:**

Hughes, M.L., Houston, J.R., Lien, M.-C., Vorster, S., Luciano, M.G., Loth, F., Allen, P.A. Investigating Neurological Correlates of Chiari Malformation Type I Symptomatology: A Diffusion Tensor Imaging Study of Cognition and Pain. Paper presented at the 58<sup>th</sup> annual meeting of the Psychonomic Society, Vancouver, B.C., November 10, 2017.

Allen, Philip A., Houston, J., Hughes, M., Loth, F., Vorster, S., & Luciano, M.G.

Adult Perspective. 2<sup>nd</sup> ABT/F1 8 Tf1 0 01(c)7(o)21(uv)21

Houston, J.R., Allen, P.A., Lien, M.-C., Loth, F., Vorster, S., & Luciano, M.H. Chiari malformation and hyper-

Martin, N.R., Lien, M.-C., & Allen, P.A. R3AD1NG W0RD5 W1TH NUMB3R5. Paper presented at the 54<sup>th</sup> annual meeting of the Psychonomic Society, Toronto, CA, November 14<sup>th</sup>, 2013.

Allen, P.A., Lien, M.-C., Buzzelli, C., & Cooper-Shumway, H. Aging, congruence effects, and automaticity. Paper presented at the 54<sup>th</sup> annual meeting of the Psychonomic Society, Toronto, CA, November 15<sup>th</sup>, 2013.

Pollock, J.W., Khoja, N., Lien, M.-









Alaina Phillips (2011)  
Jeremy Grabbe (2007)  
Aryn Harrison Bush (2006)  
Barbara Bucur (2004) (co-chair)

University of Akron:

Michelle Hughes (2018)  
Peter Mallik (2016)  
Xuan Li (2014)  
James Houston (2013)  
Christopher Buzzelli (2012)  
Joshua Pollock (2011)  
Jeremy Grabbe (2004)  
Aryn Harrison Bush (2003)

Cleveland State University:

Elliott Jardin (2015)

Co-Investigator: A Chiari MR image database. Loth, Elias, Martin, Allen, Conquer Chiari Foundation: 5/2014-11/2017. Total costs: \$58,764.

Co-Principal Investigator: Brain damage in Chiari I malformation. Loth (PI), Allen, and Martin, Conquer Chiari Foundation: February 2013-January 2016. Total costs: 142,177.

Co-Principal Investigator: Interactive learning to stimulate memory retention. Yun (Principal Investigator), Allen, and Xiao, National Science Foundation, January 2012-December 2013. Total costs: \$150,000

Consultant: Allen, P.A. Empowering elders by enhancing cognitive health outcomes (ECHO). Administration on Aging subcontract through Benjamin Rose Institute. January-December 2010. Total costs: \$12,002.

Principal investigator: Allen, P.A. Lexical access and dual-task performance: Determining the locus of the bottleneck. Collaborative agreement NASA-Ames Research Center. April 2002 to June 2004. Total direct costs: \$56,299.

Principal investigator: Allen, P.A. OBOR Individual Research Challenge Match (2001-2003 Biennium) to Lexical access and dual-task performance: Determining the locus of the bottleneck. Collaborative agreement NASA-Ames Research Center. April 2002 to June 2004. Total direct costs: \$20,000

information processing? NIH subcontract through University Hospitals of Cleveland, June 2000 to May 2002. Total direct costs: \$25,000.

Principal investigator: Allen, P.A. Age differences in semantic and episodic memory. Competitive Renewal (R01-AG09282), National Institutes of Health, April 1997 to September 2001, Total direct costs: \$400,000.

differences in semantic and episodic memory, National Institutes of Health, November 1997 to May 2000, Total direct costs: \$120,000

Principal investigator: Allen, P.A. Age differences in cognitive noise. FIRST Award (R29-AG09282), National Institutes of Health, July 1991 to July 1997, Total direct costs: \$288,000.

Principal Investigator: Allen, P.A. Small instrumentation grant (AG11949), National Institutes of Health, August 1993 to August 1994. Total award: \$5000.