

# Eric Leshikar

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## Home

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Beckman Institute  
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## Academic Degrees

PhD	University of Illinois at Urbana-Champaign	2009	Psychology (expected)
BS	Abilene Christian University	2000	Psychology
BS	Abilene Christian University	2000	Communication

## Publications

Chee, M. W. L., Goh, J. O. S., Venkatraman, V., Tan, J. C., Gutchess, A., Sutton, B., Hebrank, A., Leshikar, E., & Park, D. (2006). Age-related changes in object processing and contextual binding revealed using fMR-Adaptation. *Journal of Cognitive Neuroscience*, 18: 495-507.

Park, D.C., & Leshikar, E.D. (2006). An overview of the cognitive neuroscience of aging. In Jing, Q., Rosenzweig, M., d'Ydewalle, G., Zhang, H., Chen, H., and Zhang, K (Eds.) *Progress in psychological science around the world, Proceedings of the 28th International Congress of Psychology*. Vol 1, Neural, cognitive, and developmental issues. Hove, UK: Psychology Press.

Gutchess, A., Hebrank, A., Sutton, B., Leshikar, E., Chee, M., Tan, J., Goh, J., Park, D. (2007). Contextual Interference in Recognition Memory with Age. *Neuroimage*. 35(3), 1338-1347.

Goh, J. O. S., Chee, M. W. L., Venkatraman, V., Hebrank, A., Leshikar, E. D., Jenkins, L., Sutton, B. P., Gutchess, A. H., Park, D. C. (2007). Age and Culture Modulate Object Processing and Object-Scene Binding in the Ventral Visual Area. *Cognitive, Affective, and Behavioral Neuroscience*. 7(1), 44-52.

Leshikar, E. D., Gutchess, A.H., Hebrank, A. C., Sutton B., & Park, D. C. (submitted). The impact of increased encoding demand on frontal and medial temporal function in older adults. *Cortex*.

Leshikar, E. D, Hebrank, A. C, Jenkins, L. J., Goh, J. O., Chee, M. W. & Park, D. C. (in preparation). Episodic memory success is tied to parametric modulation of the default network in younger but not older adults.

## Presentations

Leshikar, E. (August, 1999). Thinking Style, Personality and Gender. Talk presented at The National McNair Scholars Program Annual Meeting. College Park, PA.

Leshikar, E. (March, 2000). Thinking Style, Personality and Gender. Talk presented at the Alpha Chi Regional Meeting. San Antonio, TX.

Leshikar, E. (April, 2000). Personality Correlates of Need for Cognition and Faith in Intuition. Talk presented at the Southwest Psychological Society Annual Meeting. Dallas, TX.

Leshikar, E. (October, 2000). Personality Correlates of Need for Cognition and Faith in Intuition. Talk presented at the Honor Council's National Meeting. Washington, DC.

Gutchess, A., Hebrank, A., Sutton, B., Leshikar, E., Chee, M., Tan, J., Goh, J., Park, D. (November, 2005). Prefrontal compensation with age for contextual interference. Talk presented at the meeting of the Society for Neuroscience, Washington, DC.

Chee, M., Goh, J., Tan, J., Gutchess, A., Sutton, B., Hebrank, A., Leshikar, E., Park, D. (November, 2005). fMR adaptation shows that age and culture modulate visual processing of complex pictures. Talk presented at the meeting of the Society for Neuroscience, Washington, DC.

Goh, J., Chee, M., Tan, J., Venkatraman, V., Leshikar, E. D., Hebrank, A. C., Jenkins, L. J., Sutton, B., Park, D. C. (April, 2006). Aging and culture modulate fMR-Adaptation in ventral visual areas. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA.

Leshikar, E. D., Gutchess, A.H., Hebrank, A. C., Sutton B., Welsh, R., & Park, D. C. (April, 2006). Modulation of neural response to task difficulty in young and old adults using fMRI. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA.

Leshikar, E. D., Gutchess, A.H., Hebrank, A. C., Sutton B., & Park, D. C. (May, 2007). Relational encoding leads to greater engagement of prefrontal cortex in lower than higher-performing elderly. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA.

Leshikar, E. D., Gutchess, A.H., Hebrank, A. C., Sutton B., & Park, D. C. (April, 2008). The impact of increased encoding demand on frontal and medial temporal function in older adults. Poster presented at the Cognitive Aging Conference, Atlanta, Georgia.

Goh, J. O., Leshikar, E., Hebrank, A., Flicker, B., Sutton, B., Wang, W., Jenkins, L., Tan, J., Chen, K., Chee, M., Park, D. Age and culture modulate neural selectivity in the ventral visual area during face and place viewing. Talk to be presented at the Annual Meeting of the Society for Neuroscience, Washington D. C.

Leshikar, E. D, Hebrank, A. C, Jenkins, L. J., Goh, J. O., Chee, M. W. & Park, D. C. (November 2008). Episodic memory success is tied to parametric modulation of the default network in younger but not older adults. Talk to be presented at the Annual Meeting of the Society for Neuroscience, Washington D. C.

## Invited Talks

Brain & Cognition Division Brown Bag, University of Illinois	Spring, 2004
Aging, Culture and Cognition Laboratory, Brandeis University	Summer, 2008
Cognitive Division Brown Bag, University of Illinois	Fall, 2008

## Teaching Experience

Honors Seminar, Teaching Assistant (Abilene Christian)	Fall, 2000
Modern Viewpoints in Psychology, Teaching Assistant (UI)	Fall, 2005
Introduction to Psychology, Lecturer (UI)	Fall, 2007 & Fall, 2008

## Honors and Awards

Graduate College Fellowship for Under-represented Students	2003
American Psychological Association Advance Training Institute Fellow	2004
Cognitive Psychophysiology Training Grant Recipient	2005
Summer Institute in Cognitive Neuroscience at Dartmouth College Fellow	2006
The List of Teachers Ranked as Excellent by Their Students (UI)	2007

## Professional Experience

Graduate Student, advised by Denise Park	2003-Present
Research Administrator, Boston Medical Center	2002-2003
Maintained multiple dimensions of NIH-funded breast cancer research of Dr. Rebecca Silliman.	
Administrative Assistant, Undergraduate Research Opportunities Program at the Massachusetts Institute of Technology	2002

## Other Professional Experience

Administrative Assistant, Birmingham, England City Council      2001  
Accounted for expenditures of Marketing Department for the city of Birmingham, England.

Graphic Designer, Abilene-Reporter News      2000-2001  
Paginated layout of classified ads. Designed advertisements for local businesses.  
Printed negatives for pressroom.