Benjamin D. Katz | Curriculum Vitae

732 South Forest Ave. Apt #7, Ann Arbor, MI 48104 (518) 641-2809 benkatz@umich.edu

Education

Ph.D. in Education and Psychology — University of Michigan, Ann Arbor 2012—Present

M.S. in Psychology — University of Michigan, Ann Arbor 2015

B.A. in Psychology and Film Studies — Columbia College, Columbia University 2002—2006

Awards & Fellowships

Rackham Distinguished Faculty & Graduate Student Seminar Grant 2015

National Science Foundation GRFP Honorable Mention 2013, 2014

Outstanding Poster Award, Determinants of Executive Function & Dysfunction Conference 2013

International Max Planck Research School on the Life Course (Michigan Fellow) 2013—2016

University of Michigan Rackham Regent's Fellowship 2012—2015

Dean's List, Columbia University 2004—2006

Teaching Experience

Introduction to Cognitive Psychology — University of Michigan, Ann Arbor 2015

Average teaching evaluation (5-point scale): 5.00

Introduction to Cognitive Psychology — University of Michigan, Ann Arbor 2014

Average teaching evaluation (5-point scale): 4.76

Publications

Katz, B. & Shah, P (in revision). Far Transfer Might Be Nearer Than You Think: Logical and Methodological Considerations in Cognitive Training Research. In *The Oxford Handbook of Cognitive Training*. Oxford, UK: Oxford University Press

Katz, B., Buschkuehl, M., Jaeggi, S., and Shah, P. (2014). Differential effect of motivational features on training improvements in school. *Frontiers in human neuroscience, 10.*

Wang, Z., Katz, B., & Shah, P. (2014). New Directions in Intelligence Research: Avoiding the Mistakes of the Past. *Journal of Intelligence*, 2(1), 16-20.

Sternberg, D. A., Ballard, K., Hardy, J. L., Katz, B., Doraiswamy, P. M., & Scanlon, M. (2013). The largest human cognitive performance dataset reveals insights into the effects of lifestyle factors and aging. *Frontiers in human neuroscience, 7.*

Conference Presentations

Katz, B, Shah, P. The role of school-level socioeconomic status in cognitive plasticity following executive function training in adolescents. Poster session presented at Division E Business Meeting of American Association of Education Research Conference; 2015, April 16-20; Chicago, IL.

Katz, B, Park, I, Jantz, T, Brink, K, Shah, P. The Influence of Childhood Activities on Adult Executive Function and Thinking Dispositions. Poster session presented at Society for Research in Child Development Biennial Meeting; 2015 Mar 19-21; Philadelphia, PA.

Rhodes, R, Katz, B. Effects of Spacing and Individual Differences on Learning a Working Memory Task. Poster session presented at: Association for Psychological Science Annual Convention; 2014 May 22-25; San Francisco, CA.

Katz B, Jaeggi S, Buschkuehl M, Shah P, Jonides J. The effect of compensation on transfer following dual n-back training. Poster session presented at: Psychonomic Society Annual Meeting; 2013 Nov 14-17; Toronto, CA.

Ng N, Sternberg D, Katz B, Hardy JL. Improving Cognitive Capacities in School-aged Children: A large, multi-site implementation of a web-based cognitive training program in academic settings. Poster session presented at: Second Annual Meeting of the Entertainment Software and Cognitive Neurotherapeutics Society; 2013 Mar 15-17; Los Angeles, CA.

Katz B, Shah P. Socioeconomic status as a moderator of improvements in executive function following cognitive training in adolescents. Poster session presented at: Determinants of Executive Function and Dysfunction Conference; 2013 Jan 17-18th; Boulder, CO.

Sternberg DA, Hardy JL, Katz B, Ballard K, Scanlon M. The Brain Performance Test: Preliminary findings of transfer from cognitive training to a repeatable, dynamically generated online assessment. Poster session presented at: Society for Neuroscience; 2012 Oct 13-17; New Orleans, LA.

Hardy JL, Sternberg DA, Ballard K, Katz B, Scanlon M. Relationships between lifestyle factors and cognitive performance, an online study including >160,000 participants. Poster session presented at: Society for Neuroscience; 2012 Oct 13-17; New Orleans, LA.

Ballard K, Katz B, Scanlon M. Rates of age-related cognitive decline and training improvement depend on task modality: baseline and training effects across the lifespan in a sample of over 20,000 individuals training in four distinct cognitive domains. Poster session presented at: Cognitive Neuroscience Society Annual Meeting; 2012 Mar 31-Apr 3; Chicago, IL.

Katz B, Tieming J, Hardy JL, Scanlon M. The influence of age and education on cognitive plasticity in a worldwide sample of 88,000 individuals. Poster session presented at: First Annual Meeting of the Entertainment Software and Cognitive Neurotherapeutics Society; 2011 Sep 19-20; San Francisco, CA.

Tieming J, Hardy JL, Katz B, Scanlon M. Model successfully predicts relative degree of transfer of cognitive training under natural use conditions for a web-based training program. Poster session presented at: First Annual Meeting of the Entertainment Software and Cognitive Neurotherapeutics Society; 2011 Sep 19-20; San Francisco, CA.

Katz B, Hardy JL, Scanlon M. Improvements in arithmetic abilities between the ages of 15 and 17 in a worldwide sample of over 440,000 adolescents and young adults playing an online game. Poster session presented at: Learning and the Brain; 2011 Feb 17-19; San Francisco, CA.

Patents

Hinman, T, Katz, B, Hardy, JL, Drescher D. Systems and methods for enhancing cognition. U.S. Patent No. US8821242 B2, Granted (September 2nd, 2014)

Hinman, T, Katz, B, Hardy, JL. Systems and methods for assessment of fluid intelligence. U.S. Patent Application No. 61/653,060, Application (December 5th, 2013)

Related Industry Experience

Product Manager and Game Designer — Lumos Labs, Inc. (Lumosity.com), San Francisco, CA 2009—2012

Lead Game Designer — Enspire Learning, Inc., Austin, TX 2006—2009

Service

Co-organized "Getting Smart about Getting Smarter," a symposium on improving reasoning 2015

Reviewer, Journal of Experimental Education 2015

Reviewer, Psychology & Aging 2015

Reviewer, Cerebral Cortex 2014

Reviewer, Perspectives on Psychological Science 2014

Reviewer, Psychological Bulletin 2014

Reviewer, Journal of Experimental Psychology, General 2014

Reviewer, Journal of Educational Psychology 2013

Reviewer, Journal of Experimental Psychology: Applied 2013

University of Michigan Undergraduate Research Opportunity Program Mentor 2012—2015

Combined Program in Education and Psychology Colloquium Committee 2012—2015

Professional Affiliations

AERA Division E (Counseling and Human Development)

APA Division 15 (Educational Psychology)

International Mind, Brain, and Education Society

Society for Neuroscience