

## CURRICULUM VITAE

Karl Gregory David Bailey

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Work Address: Behavioral Science Department  
123H Nethery Hall  
Andrews University  
Berrien Springs, MI, 49104-0030

Work Phone: 269-471-3577

Fax: 269-471-3108

E-Mail: kgbailey@andrews.edu

Home Address: 319 Pam Dr., Berrien Springs, MI 49103

Home Phone: 269-473-3669

Birthdate: August 6, 1977

Citizenship: Citizen of Canada

Education: B.Sc. (1999) in Psychology and Biology, Summa Cum Laude  
Andrews University  
M.A. (2002) in Psychology  
Michigan State University  
Ph.D. (2004) in Psychology  
Michigan State University

Dissertation Title:

Disfluent Speech And The Visual World: An Application Of The Visual World Paradigm To The Study Of Spoken Language Comprehension.

Primary Research Interests:

Psycholinguistics; Comprehension of Disfluent Spontaneous Speech; Misinterpretation Effects; Language and the Visual World, Visual Attention as a Measure of Complex Human Cognition; Learning in the Classroom

## K. G. D. BAILEY

### Primary Teaching Interests:

Cognitive Psychology, Psycholinguistics, Cognitive Science, Research Methods, Physiological Psychology, Behavioral Neuroscience.

### Awards and Honors:

Integrated Graduate Education and Research Training Fellowship (MSU)  
 Michigan State University Distinguished Fellowship  
 Andrews University: J. N. Andrews Honors Scholar  
 Phi Kappa Phi National Honors Society (as Student and Faculty Member)  
 Psi Chi National Honor Society in Psychology  
 Beta Beta Beta Biological Society

### Funded Fellowships/Research Grants:

Andrews University Faculty Development Grant (2005-2006; 2006-2007)  
 Integrated Graduate Education and Research Training Fellowship (2002-2004)  
 Michigan State University Distinguished Fellowship (1999-2004)

### Academic Positions:

Assistant Professor, Andrews University, 2004 -  
 Teaching Assistant for Introductory Psychology (Dr. Zach Hambrick), Fall 2000  
 Teaching Assistant for Introductory Psychology (Dr. Gordon Wood), Spring 2001  
 Teaching Assistant for Cognitive Psychology (Dr. Gordon Wood), Spring 2001

### Courses Taught:

Physiological Psychology, 2006-present  
 Research Methods (undergraduate and graduate), 2004-present  
 Cognitive Psychology, 2006-present  
 Dealing with Your Mind, 2005-present  
 Psycholinguistics, 2005-present  
 Introduction to Research Methods 2005-present  
 Seminar on Addiction and Cognitive Neuroscience, 2005-present

### Poster Presentations:

Bailey, K. G. D., Chuah, M., Siebold, L. C., Labianca, Ø. & Bailey, R. N. (2007, May). Cultural background affects eye movements during scene perception. Poster presented at the 79<sup>th</sup> Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Bailey, K. G. D., Siebold, L. C., & Bailey, R. N. (2007, May). Believing is seeing: prior beliefs affect problem solving. Poster presented at the 79<sup>th</sup> Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

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Bailey, K. G. D. & Christinson, K. (2007, March). Parallel worlds: The processing of negation and error disfluencies in the visual world paradigm. Poster presented at the 20<sup>th</sup> Annual Meeting of the CUNY Conference on Human Sentence Processing, La Jolla, CA.

Engelhardt, P. E., Bailey, K. G. D., & Ferreira, F. (2005, November). Do speakers and listeners observe the Gricean Maxim of Quantity? Paper presented at the 46<sup>th</sup> Annual Meeting of the Psychonomics Society, Toronto, Canada.

Engelhardt, P. E., Bailey, K. G. D., & Ferreira, F. (2005, March). Coordination ambiguities in the visual world paradigm. Poster presented at the 18<sup>th</sup> Annual Meeting of the CUNY Conference on Human Sentence Processing, Tucson, AZ.

Engelhardt, P. E., Bailey, K. G. D., & Ferreira, F. (2004, November). Garden pathing or syntactic priming: A closer look at the visual world paradigm. Poster presented at the 45<sup>th</sup> Annual Meeting of the Psychonomics Society, Minneapolis, MN.

Bailey, K. G. D. & Ferreira, F. (2004, March). When is a path not a path? Eye movements and parsing in the visual world. Poster presented at the 17<sup>th</sup> Annual Meeting of the CUNY Conference on Human Sentence Processing, College Park, MD.

Ferreira, F., Lau, E. F., & Bailey, K. G. D. (2003, November). A model of disfluency processing during parsing. Paper presented at the 44<sup>th</sup> Annual Meeting of the Psychonomic Society, Vancouver, Canada.

Bailey, K. G. D., Xiang, M., & Ferreira, F. (2003, March). Parsing and misinterpretation in coordination ambiguities. Poster presented at the 16<sup>th</sup> Annual Meeting of the CUNY Conference on Human Sentence Processing, Cambridge, MA.

Bailey, K. G. D., & Ferreira, F. (2003, March). Eye movements and the comprehension of disfluent speech. Poster presented at the 16<sup>th</sup> Annual Meeting of the CUNY Conference on Human Sentence Processing, Cambridge, MA.

Bailey, K. G. D., & Ferreira, F. (2001, March). The disfluent hairy dog: Can syntactic parsing be affected by non-word disfluencies? Poster presented at the 14<sup>th</sup> Annual Meeting of the CUNY Conference on Human Sentence Processing, Philadelphia, PA

### Scholarly Papers Read:

Bailey, K. G. D. & Sorensen, D. W. (2007, May). Array size and the time-locking of eye movements and language comprehension. Paper presented at the 79<sup>th</sup> Annual Midwestern Psychological Association Meeting, Chicago, IL.

Sorensen, D. W. & Bailey, K. G. D. (2006, November). The world is too much: Effects of array size on the link between language comprehension and eye movements. Paper presented at the 14<sup>th</sup> Annual Object Perception, Attention, and Memory Conference, Houston, TX.

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Bailey, K. G. D. & Ferreira, F. (2005, March). Don't swim, hop: The timecourse of disfluency processing. Paper to be presented at the 18<sup>th</sup> Annual Meeting of the CUNY Conference on Human Sentence Processing, Tucson, AZ.

Engelhardt, P. E., Bailey, K. G. D., & Ferreira, F. (2004, March). "But it's already on a towel!": Reconsidering the one-referent visual context. Paper presented at the 17<sup>th</sup> Annual Meeting of the CUNY Conference on Human Sentence Processing, College Park, MD.

Ferreira, F., Lau, E. F., & Bailey, K. G. D. (2004, March). A model of disfluency processing based on Tree-Adjoining Grammar. Paper presented at the 17<sup>th</sup> Annual Meeting of the CUNY Conference on Human Sentence Processing, College Park, MD.

Bailey, K. G. D., & Ferreira, F. (2001, November). Disfluencies influence parsing of garden-path sentences. Paper presented at the Annual Meeting of the Psychonomic Society, Orlando, Florida.

Bailey, K. G. D., & Ferreira, F. (2001, August). Do Non-Word Disfluencies Affect Syntactic Parsing? Paper presented at the 2001 Disfluency in Spontaneous Speech Tutorial and Research Workshop, Edinburgh, Scotland.

Bailey, K. G. D., & Ferreira, F. (2001, May). Syntactic parsing can be affected by non-word speech disfluency. Paper presented at the 2001 Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

### Chapters Contributed to Volume:

Bailey, K. G. D., & Ferreira, F. (2007). The processing of filled pause disfluencies in the visual world. In R. van Gompel, M. Fischer, W. Murray, & R. Hill (Eds.), *Eye movements: A window on mind and brain*. Amsterdam: Elsevier.

Bailey, K. G. D., & Ferreira, F. (2005). The Disfluent Hairy Dog: Can Syntactic Parsing be Affected by Non-Word Disfluencies? In J. Trueswell & M.K. Tanenhaus (Eds.), *Approaches to Studying World Situated Language use: Bridging the Language-as-Product and Language-As-Action Traditions*. Cambridge, MA: MIT Press.

### Refereed Journal Articles:

Sorensen, D. W. & Bailey, K. G. D. (2007). The world is too much: Effects of array size on the link between language comprehension and eye movements. *Visual Cognition*, 15, 112-115.

Engelhardt, P. E., Bailey, K. G. D., & Ferreira, F. (2006). Do speakers and listeners observe the Gricean Maxim of Quantity? *Journal of Memory and Language*, 54, 554-573.

Ferreira, F. & Bailey, K. G. D. (2004). Disfluencies and human language processing. *Trends in Cognitive Science*, 8, 231-237.

Ferreira, F., Lau, E. F., & Bailey, K. G. D. (2004). Disfluencies, parsing, and tree-adjoining grammars.

## K. G. D. BAILEY

### *Cognitive Science.*

Bailey, K. G. D., & Ferreira, F. (2003). Disfluencies affect the parsing of garden-path sentences. *Journal of Memory and Language*, 49, 183-200.

Ferreira, F., Bailey, K.G.D., & Ferraro, V. (2002). Good-enough representations in language comprehension. *Current Directions in Psychological Science*, 11, 11-15.

### Invited Talks:

Unexpected Eye Movements: Surprises from the Cognitive Psychology Laboratory, Andrews University, Phi Kappa Phi Induction, December, 2006.

Adventures in the Visual World: Eye Movements and Spoken Language Comprehension, University of Illinois at Urbana-Champaign, Department of Educational Psychology, April, 2006.

Education with the Brain in Mind. Andrews University, General Faculty Meeting, February, 2005.

What They Heard, They Saw: Eye Tracking and the Timecourse of Disfluency Processing. Andrews University, Social Science Research Colloquium, December, 2004.

Disfluencies and Human Language Comprehension. Andrews University, Department of Behavioral Science, Psi Chi Induction, March, 2004.

Strange New Worlds: Exploring the Visual World Paradigm. Michigan State University, Department of Psychology, Cognitive Forum, September, 2003.

The Disfluent Frog: Eye Movements and the Comprehension of Disfluent Speech. Michigan State University, Department of Psychology, Cognitive Forum, January 2003.

The Disfluent Hairy Dog: Can Non-word Disfluencies Affect Sentence Parsing? Michigan State University, Department of Psychology, Cognitive Reading Group, October 2000.