

## Donald J. Bolger

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Department of Human Development  
University of Maryland  
3304N Benjamin Building  
College Park, Maryland, 20742

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### EDUCATION

**Ph.D., Cognitive Psychology (Cognitive Neuroscience)** 2006  
University of Pittsburgh, Learning Research & Development Center, Pittsburgh, PA  
*Title: The Development of Orthographic Knowledge: A Cognitive Neuroscience Investigation of Reading Skill*

**Masters Thesis, Cognitive Psychology** 2002  
University of Pittsburgh, Learning Research & Development Center, Pittsburgh, PA

**B.A. (*Magna cum laude*), Psychology** 1998  
University of Massachusetts, Amherst, MA

### POSITIONS

**Assistant Professor** August 2008 – Current  
Department of Human Development, University of Maryland, College Park  
Program for Neuroscience & Cognitive Science, University of Maryland, College Park

**Affiliate Faculty** July 2009 – Current  
Center for Advanced Study of Language, University of Maryland, College Park

**Research Associate** September 2006 – August 2008  
Developmental Cognitive Neuroscience Laboratory (PI: James Booth)  
Department of Communication Sciences & Disorders, Northwestern University

**NIH NRSA Post-Doctoral Fellow** September 2006 – August 2008  
Interdepartmental Institute for Neuroscience Northwestern University (NUIN) (PI: Ken Paller)

### GRANTS, CONTRACTS, & AWARDS

NSF (BCS0988985) MRI: Acquisition of a 3-Tesla Magnetic Resonance Imaging Scanner at Maryland (Co-PI) \$1,938,000 September 1, 2009 – August 30, 2010

University of Maryland Graduate School: Research and Scholarship Award (RASA) (Primary Investigator) \$9,000 June 1, 2010 – July 31, 2010

Office of Naval Research (ONR: N000121010605) Robust Cognition through Brain Plasticity (Co-PI) Costs: \$544,340 (1.35 months/year, 3 years) May 1, 2010 – Sept 30, 2014

Department of Defense (Current/Renewal Pending): Effects of brain training on cognitive and language skills. (Co-PI) Costs: \$850,000, (2mos sum, 1mos acad) Sept 1, 2007 – October 30, 2010

Department of Defense (Current): Working Memory Training Enhances Adult Second Language Learning (Co-PI) Costs: \$700,000, (2mos sum, 25% acad) October 1, 2011 – September 31, 2012

Department of Defense (Current): Working Memory Training Enhances Adult Second Language Learning (Co-PI) Costs: \$700,000, (2mos sum, 25% acad) October 1, 2011 – September 31, 2012

NSF (Pending) REESE: Understanding and improving the cognitive and neural basis of mathematical reasoning. (Co-PI) \$1,649,620 July 1, 2013 – June 30, 2016

NSF (Pending) CRCNS: Modeling Orthographic Processing in the Brain. (PI) \$1,062,380 September 1, 2013 – August 30, 2016

NIH (Pending) NIMH R03: Brain mechanisms of affective language comprehension in autism spectrum disorders. (PIs: Redcay & Bolger) \$143,606 April 1, 2013 – March 30, 2015

## PUBLICATIONS

Mirman, D., **Bolger, D.J.**, & McClelland, J.L. (in press). Interactive processes in cognition and perception. To appear in *Cognition*.

Liu, L., Vira, A., Friedman, E.B., Minas, J., **Bolger, D.J.**, Bitan, T. & Booth, J.R. (2011). Children with Reading Disability Show Brain Differences in Effective Connectivity for Visual, but Not Auditory Word Comprehension. *PLoS ONE* 5(10): e13492. doi:10.1371/journal.pone.0013492

Cao, F., Khalid, K., Lee, R., Brennan, C., Yanhui, Y., Li, K., **Bolger, D.J.**, & Booth, J.R. (2011). Development of brain networks involved in spoken word processing of Mandarin Chinese. *Neuroimage*, 57 (3): 750-759.

Desroches AS, Cone NE, **Bolger DJ**, Bitan T, Burman DD & Booth JR (2010). Children with reading difficulties show differences in brain regions associated with orthographic processing during spoken language processing. *Brain Research*, 1356, 73-84.

Liu, L., Friedman, E.B., **Bolger, D.J.**, Bitan, T. & Booth, J.R. (in press). Children with reading disability show deficits in top-down and bottom-up processing during semantic tasks in both visual and auditory modalities. *NeuroImage*.

Cao, F., Khalid, K., Zaveri, R., **Bolger, D.J.**, Bitan, T. & Booth, J.R. (2009). Neural correlates of priming effects in children during spoken word processing with orthographic demands. *Brain and Language*, 114:2, 80-89.

Liu, L., Deng, X., Peng, D., Cao, F., Ding, G., Jin, Z., Zeng, Y., Li, K., Zhu, L., Fan, N., Deng, Y., **Bolger, D.J.**, & Booth, J.R. (2009). Modality- and task-specific brain regions involved in Chinese lexical processing. *Journal of Cognitive Neuroscience*, 21:8, 1473-1487

**Bolger, D.J.**, Minas, J. E., Burman, D.D. & Booth, J.R. (2008). Orthographic and phonological consistency effects in cortex of children with and without reading disorders. *Neuropsychologia*, 46, 3210-3224.

**Bolger, D.J.**, Hornickel, J., Cone, N E., Burman, D.D. & Booth, J.R. (2008). Neural correlates of orthographic and phonological consistency effects in children. *Human Brain Mapping*, 29,1416-1429.

Cone, N.E., Burman, D.D., Bitan, T., **Bolger, D.J.**, & Booth, J.R. (2008). Developmental changes in brain regions involved in phonological and orthographic processing during spoken language processing. *NeuroImage*, 41, 623-635.

**Bolger, D.J.**, Balass, M., Landen, E., & Perfetti, C.A. (2008). Contextual variation and definitions in learning the meanings of words. *Discourse Processes*, 45:122-159.

Perfetti, C.A., Liu, Y., Fiez, J., Nelson, J., **Bolger, D.J.** & Tan, L-H. (2007). Reading in two writing systems: Accommodation and assimilation of the brain's reading network. *Bilingualism: Language and Cognition*, 10, 131-146.

Landi, N., Perfetti, C. A., **Bolger, D. J.**, Dunlap, S., Foorman, B. R. (2006). The role of discourse context in developing word form representations: A paradoxical relationship between reading and learning. *Journal of Experimental Child Psychology*, 94(2): 114-133.

Schneider, W., **Bolger, D. J.**, Eschman, A., Neff, C. & Zuccolotto, A. P. (2005). Psychology Experiment Authoring Kit (PEAK) - Formal Usability Testing of an Easy-to-Use Method for Creating Computerized Experiments. *Behavior Research Methods, Instruments, & Computers*, 37(2): 312-323.

**Bolger, D.J.**, Schneider, W., Perfetti, C.A. (2005). Cross-cultural effect on the Brain Revisited: Universal structures plus writing system variation. *Human Brain Mapping*, 25(1), 92-104.

Perfetti, C. A., & **Bolger, D.J.** (2004). The brain might read that way. *Scientific Studies in Reading*, 8(3):293-304.

## CHAPTERS

Atkins, S. M., Bunting, M. F., **Bolger, D. J.**, & Dougherty, M. R. (2012). Training the adolescent brain: Neural plasticity and the acquisition of cognitive abilities. In V. F. Reyna, S. B. Chapman, M. R. Dougherty & J. Confrey (Eds.), *The adolescent brain: Learning, reasoning, and decision making*. (pp. 211-241). Washington, DC US: American Psychological Association.

Atkins, S. M., **Bolger, D. J.**, Dougherty, M. R., & Bunting, M. F. (2012). Changes in the Cognitive Control and Default Mode Networks following Working Memory Training. (TTO 3501: Technical Report, pp. 1-27). College Park: University of Maryland Center for Advanced Study of Language.

Yoon, H.Y, **Bolger, D. J.**, Kwan, O. S., & Perfetti, C. A. (2003). Subsyllabic Units in Reading: A Difference between Korean and English. In L. Verhoeven, C. Elbro, & P. Reitsma (Eds), *Precursors of Functional Literacy*. Nijmegen, Netherlands: John Benjamins.

## MANUSCRIPTS SUBMITTED OR IN PREPARATION

Atkins, S.M., Dougherty, M.R., Bunting, M.F., & **Bolger, D.J.** (under revision). Changes in Cognitive Control and Default Mode Networks following Online Working Memory Training. *NeuroImage*

Sand, L.A., Redcay, E. & Bolger, D.J. (submitted). Affective Language Processing in Autism Spectrum Disorders. *Journal of Autism and Developmental Disabilities*

**Bolger, D.J.**, Gray, J., Cao, F., & Booth, J.R. (under revision). Orthographic and phonological consistency effects in cortex during spoken language.

Gray, J., **Bolger, D.J.**, Cao, F., & Booth, J.R. (under revision). Orthographic and phonological consistency effects in cortex differ in children with reading disability during spoken language processing.

Sprenger, A.M., Atkins, S. M., Briner, T. L., Buchanan, J. B., Chavis, S. E., Chen, S-y, Iannuzzi, G. L., Kashtelyan, V., Dowling, E., **Bolger, D. J.**, Bunting, M., & Dougherty, M. R. (In preparation). A four dimensional video game for measuring cognitive ability.

Atkins, S.M., Bunting, M.F., & Dougherty, M.R. & **Bolger, D.J.**, (In preparation). Functional Imaging of Cognitive Training.

**Bolger, D.J.**, Atkins, S.M., Bunting, M.F., & Dougherty, M.R (In preparation). Working Memory Training Leads to Enhanced Filtering.

Burman, D.D., Minas, T., Bolger, D.J., & Booth, J.R. (submitted). Age, Sex, and Verbal Abilities Affect Location of Linguistic Connectivity in Ventral Visual Pathway. *Brain & Language*.

Yang, C-L., Bolger, D.J., & Perfetti, C. A. (under review). The Stability of Lexical Representation during vocabulary learning.

Phillips, J., Laurent, P., Guediche, S.A., Bolger, D.J., Perfetti, C.A., & Fiez, J.A. (submitted) Evidence of functionally distinct areas in left occipito-temporal cortex: effects of stimulus duration. *Submitted to Human Brain Mapping*.

Bolger, D.J., Hornickel, J., Burman, D.D. & Booth, J.R. (in prep). Orthographic and phonological priming effects in cortex with development.

Bolger, D.J., Yang, C-L., Landen, E., & Perfetti, C.A. (in prep). Neurophysiological markers of word learning from context: an ERP investigation.

Bolger, D.J., Perfetti, C. A., Van Dyke, J., & Foorman, B. R. (in prep). Development of orthographic representations in early reading instruction.

## PAPERS PRESENTED

Atkins, S.M., Bolger, D.J., Bunting, M.F. & Dougherty, M.R. (2012). Training-related Plasticity in Brain Activity Following Visual Spatial Working Memory Training. Poster presented at Organization for Human Brain Mapping, Beijing, China.

Atkins, S.M., Bolger, D.J., Bunting, M.F. & Dougherty, M.R. (2012). Efficiency Following Visual-Spatial Working memory Training: Increases in Default Mode and Decreases in Fronto-Parietal Activation. Poster presented at Cognitive Neuroscience Society, Chicago, USA.

Atkins, S.M., Bolger, D.J., Dougherty, M.R. & Bunting, M.F. (August, 2011). Neural plasticity following visual spatial working memory training. Workshop on Cognitive and Working Memory Training, College Park, MD, USA.

Atkins, S.M., Bolger, D.J., Bunting, M.F., & Dougherty, M.R. (May, 2011). Greater efficiency in the inferior parietal lobe following Visual Spatial Working Memory Training. Poster presented at Association for Psychological Science. Washington, DC, USA.

Jackson, A. & Bolger, D.J. (November, 2011). Paper presented at the 4<sup>th</sup> Annual Meeting of the Neurobiology of Language Society, Annapolis, MD, USA.

Lin, K. & Bolger, D.J. (July, 2011). Poster presented at the 18<sup>th</sup> Annual Meeting of the Society for the Scientific Study of Reading, St. Pete, FL

Jackson, A. & Bolger, D.J. (July, 2011). Paper presented at the 18<sup>th</sup> Annual Meeting of the Society for the Scientific Study of Reading, St. Pete, FL

Kim, S. Y., & Bolger, D. J. (November, 2010). *The role of sub-syllabic units in visual word processing of Korean monosyllabic words: A masked priming study*. Poster presented at the 51st Annual Meeting of the Psychonomic Society, St. Louis, MO.

Bolger DJ & Kim S-Y, (June, 2010) The effect of sub-syllabic units in the orthographic processing of Korean. Poster presented at the 17<sup>th</sup> Annual Meeting of the Society for the Scientific Study of Reading, Berlin, Germany.

Minas J, Desroaches A, McNorgan C, Bolger DJ, Booth JR (June, 2010). *Developmental divergence in Brain Networks for Phonological Processing of Words and Nonwords*. Poster presented at the 15<sup>th</sup> annual meeting of the Organization for Human Brain Mapping, Barcelona, Spain.

Bolger DJ, (November, 2009). Integration of Orthography and Phonology in Cortex. Paper presented at the Computational and Cognitive Neuroscience Conference, Boston, IL.

Bolger DJ, Gray, J., Burman DD, Booth JR (June, 2009). Differential Effects of Phonological and Orthographic Consistency in Cortex for Children with and without Reading Disability. Paper presented at the 16<sup>th</sup> Annual Meeting of the Society for the Scientific Study of Reading, Boston, MA.

Bolger DJ, Gray, J., Burman DD, Booth JR (November, 2008). Cortical Effects of Orthographic and Phonological Consistency in Spoken Word Tasks. Paper presented at the Annual Meeting of the Psychonomic Society, Chicago, IL.

Bolger, D.J., Yang, C-L, & Perfetti, C.A. (July, 2008) *Learning the Meanings of Words from Contexts and Definitions: ERP evidence*. Paper presented at the 15<sup>th</sup> Annual Meeting of the Society for the Scientific Study of Reading, Asheville, North Carolina.

Bolger DJ, Minas J, Cao F, Burman DD, Booth JR (July, 2008). *Phonological and orthographic consistency effects in cortex for normal and impaired readers*. Cognitive Science Society: Washington, DC.

Cone, N., Bolger, D.J., Na, C., Burman, D., Booth, J. (2008). Children with dyslexia show weaker brain activation in orthographic and phonological processing regions during spoken language processing. Poster presented at the 15<sup>th</sup> Annual Meeting of the Society for Cognitive Neuroscience.

Zaveri, R., Cao, F., Bolger, D.J., & Booth, J.R. (2008). Orthographic and phonological cortical priming effects in children during spoken language processing. Poster presented at the 15<sup>th</sup> Annual Meeting of the Society for Cognitive Neuroscience.

Lu, D., Burman, D., Bolger, D.J., & Booth, J.R. (2008) Developmental stability and changes in the neural substrate for lexical processing: A longitudinal fMRI study. Poster presented at the 15<sup>th</sup> Annual Meeting of the Society for Cognitive Neuroscience.

Balass, M., Bolger, D.J. & Perfetti, C.A. (2007). Definition Availability and Context Effects in Vocabulary Learning. Poster presented at the 14<sup>th</sup> Annual Meeting of the Society for the Scientific Study of Reading, Prague, Czechoslovakia.

Bolger, D.J., Hornickel, J., Burman, D.D. & Booth, J.R. (2007). Orthographic and phonological priming effects in cortex among children. Poster presented at the 13<sup>th</sup> annual meeting of the Organization for Human Brain Mapping.

Hornickel, J., Bolger, D.J., Cone, N E., Burman, D.D. & Booth, J.R. (2007). Neural correlates of orthographic and phonological consistency effects in children. Poster presented at the 13<sup>th</sup> annual meeting of the Organization for Human Brain Mapping.

Balass, M., Bolger, D.J. & Perfetti, C.A. (2006) The Role of definition and sentence context in vocabulary learning. Poster presented at the 13<sup>th</sup> Annual Meeting of the Society for the Scientific Study of Reading, Toronto, Vancouver, B.C., CA.

Bolger, D.J., Schneider, W., & Perfetti, C.A. (2005). The Development of Orthographic Knowledge: A Cognitive Neuroscience Investigation of Reading. Paper presented at the 12<sup>th</sup> Annual Meeting of the Society for the Scientific Study of Reading, Toronto, Ontario CA.

Bolger, D. J., & Schneider, W. (2002). Finding visual word recognition through neural adaptation. Paper presented at the 43<sup>rd</sup> Annual Meeting of the Psychonomic Society, Kansas City, MO.

Bolger, D.J., Van Dyke, J., Landi, N., Perfetti, C.A., & Foorman, B. R. (June, 2002). What errors can tell us about representation and process: Investigating a quantitative theory of reading. Poster presented at the 9<sup>th</sup> Annual Meeting of the Society for the Scientific Study of Reading, Chicago, IL.

Bolger, D.J., Van Dyke, J., Perfetti, C.A., & Foorman, B. R. (June, 2001). Decoding skill and orthographic knowledge, perfect together. Poster presented at the 8<sup>th</sup> Annual Meeting of the Society for the Scientific Study of Reading.

Van Dyke, J., Bolger, D.J., Landi, N., & Perfetti, C.A., & Foorman, B.R. (June, 2001). Contributions of word decodability and text predictability in first grade oral reading and printed word learning. Paper presented at the 8<sup>th</sup> Annual Meeting of the Society for the Scientific Study of Reading.

McCandliss, B. D., Bolger, D.J., & Schneider, W. S. (November, 2000). Habituating visual features versus cognitive codes: an event-related fMRI study of abstract word representations in extrastriate cortex. Poster presentation at the 30th Annual Meeting of the Neuroscience Society. (Published Abstract)

McCandliss, B. D., Bolger, D.J., Sharpe, M. & Schneider, W. S. (April, 2000). Habituating cognitive codes for individual words within 'visual word form' areas: an event-related fMRI study. Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.

Bolger, D.J., Royer, J.M., & Wiley, J. (June, 1999). The Study of Expert Performance in Domain Specific Knowledge Concerning Text Reading Ability. Poster presented at the 80th annual meeting of the American Educational Research Association, Montreal.

Yoon, H.Y, Perfetti, C.A., & Bolger, D.J. (June, 1999). A Cross-Linguistic study on the Perception of Syllables in Native Korean and English Speakers. Poster presented at the annual meeting for the Society for the Scientific Study of Reading, Montreal.

### **PRESENTATIONS, INVITED TALKS & COLLOQUIA**

Bolger, D.J. (September, 2012) Colloquia, Visual Language Learning (VL2 Center), Gallaudet University

Atkins, S.M. & Bolger, D.J. (August, 2011). Invited Talk at the International Workshop on Working Memory Training, sponsored by the Center for Advanced Study of Language, University of Maryland, College Park, MD.

Bolger, D.J. (April, 2011). Colloquia, Department of Psychology, St. Mary's College of Maryland.

Bolger, D.J. (April, 2011). Colloquia, Training Program in Interdisciplinary Educational Studies, Penn State University

Bolger, D.J. (March, 2011). Applied Developmental Psychology Colloquia, George Mason University

Bolger, D.J. (January, 2011). Children's National Medical Center, Washington DC: Neurology Grand Rounds.

Bolger, D.J. (April, 2010). Shady Grove Adventist Rehabilitation Hospital, Rockville, MD: Grand Rounds.

Bolger, D.J. (April, 2009). AERA Professional Development Series: "How to Get Published: Guidance from Emerging and Senior Scholars"

Bolger, D.J. (January, 2009). fMRI Research Group, National Institutes of Health (NIH), Bethesda, MD.

Bolger, D.J. (February, 2008). Colloquia, Department of Psychology, Michigan State University

Bolger, D.J. (May, 2007). Experimental Psychology Colloquia, Department of Psychology, DePaul University

Bolger, D.J. (July, 2006). Center for the Study of Learning (CSL), Georgetown University

Bolger, D.J. (April, 2004). Brain Research Imaging Center (BRIC), University of Chicago

### **COURSES TAUGHT**

Introductory Psychology, *University of Pittsburgh*

Human Cognition Laboratory, *University of Pittsburgh*

Research Methods in Psychology, *University of Pittsburgh*

Guest Lecturer: Advanced Seminar in Issues in Reading, *University of Pittsburgh*

Language Acquisition & Reading Development (EDHD 425), *University of Maryland*

Principles of Cognitive Neuroscience: Application to Education (EDHD 779i) University of Maryland

ABC's of Prefrontal Cortex (NACS 728) University of Maryland

Cognitive Neuroscience (NACS 642) University of Maryland

Cognitive Development & Learning (EDHD 721) University of Maryland

Cognitive Basis of Instruction (EDHD 692) University of Maryland

### **PROFESSIONAL SERVICE**

Undergraduate Curriculum Committee: Human Development  
*University of Maryland*

Fall 2008 – Present

Program in Neuroscience and Cognitive Science (NACS) Executive Committee  
*University of Maryland*

Fall 2009 – Present

Program in Neuroscience and Cognitive Science (NACS) Admissions Committee  
*University of Maryland*

Fall 2009 – Present

Search Committee Member: Department Chair, Human Development & Quantitative Methodology  
*University of Maryland*

Fall 2011 – Spring 2012

#### Undergraduate Advising:

*University of Pittsburgh*

Advisor: Office of the Undergraduate Advisor in Psychology

Spring 1999 - Fall 1999

Undergraduate Education Committee: Department of Psychology

Fall 1999 - Spring 2001

*University of Massachusetts*

Student Advisor: Office of the Chief Undergrad Advisor in Psychology

Spring 1996-1998

Student Advisor: College of Arts & Sciences Orientation Program

Summer 1997

#### Administrative Committees:

*University of Pittsburgh*

Undergraduate Education Committee: Department of Psychology

Fall 1999 - Spring 2001

Colloquium Committee: Department of Psychology

Fall 1998 - Spring 1999

*University of Massachusetts*

University General Education Task Force

Fall 1996-Spring 1998

Department of Psychology Undergraduate Studies Committee.

Fall 1997-Spring 1998

Department of Psychology Executive Committee.

Fall 1997-Spring 1998

University Committee on Educational Leadership.

Fall 1997-Spring 1998

### **CONSULTING & RESEARCH EXPERIENCE**

Consultant: Software Development, Psychology Software Tools, Inc. Pittsburgh, PA 2004-2006  
Psychology Experiment Authoring Kit (PEAK): a software package for classroom instruction of experiment development and methodology

Creative Associates International, Washington D.C.

1997

Haitian Literacy Project: data analyses for a literacy project administered by Creative Associates in Haitian tribal communities, PI: J.M. Royer, PhD. University of Massachusetts



Research Assistant: Laboratory for the Assessment and Training of Academic Skills, University of Massachusetts; PI: J.M. Royer Intervention for students with learning disabilities 1996-1998

### **PROFESSIONAL AFFILIATIONS**

Society for Cognitive Neuroscience  
American Educational Research Association  
Society for the Scientific Study of Reading  
Organization for Human Brain Mapping  
Psychonomics Society  
Cognitive Neuroscience Society

### **AD-HOC JOURNAL REVIEWER**

BioMedCentral: Neuroscience (2009-1)  
Brain & Language (2004-1; 2005-2; 2009-5; 2010-2)  
Cerebral Cortex (2008-1)  
Cognitive Science (2012-1)  
Contemporary Educational Psychology (2011-1)  
Discourse Processes (2007-1; 2009-1)  
Educational Psychologist (2009-2)  
Human Brain Mapping (2005-3; 2006-1; 2008-2; 2009-2; 2010-2)  
Journal of Speech, Language, and Hearing Research (2011-2)  
Journal of Autism & Developmental Disabilities (2008-2; 2009-1)  
Journal of Cognitive Neuroscience (2010-1)  
Journal of Educational Psychology (2009-1; 2010-1; 2011-1)  
Journal of Neurolinguistics (2010)  
Language Learning (2009-1)  
Neuropsychologia (2008-4; 2009-3; 2011-1)  
Neuroimage (2011-1)  
Psychological Bulletin (2009-1)  
Psychological Bulletin & Review

### **GRANT REVIEW PANELIST**

Universidad di Padova (University of Padua, Italy)  
Binational Science Foundation (Israel-United States)  
Medical Research Council (MRC: London, UK)

### **Post-Doctoral TRAINEES**

Sharona Atkins  
Amber Sprenger, PhD

### **PHD STUDENTS**

Kristen Lin – Neuroscience and Cognitive Science Program (PhD)  
Lesley Sand – Human Development (PhD)  
Alice Jackson – Neuroscience and Cognitive Science Program (PhD)  
Say Young Kim (co-advisor) – Human Development (PhD)  
Susan Tuebner-Rhodes (co-advisor) – Neuroscience and Cognitive Science Program (PhD)  
Sharona Atkins (co-advisor) – Neuroscience and Cognitive Science Program (PhD)  
Peitzu Tsai (shared) – Hearing & Speech Pathology (PhD)

**DISSERTATION COMMITTEE MEMBER**

Diogo Almeida (Linguistics) – April 2009  
In Yeong Ko (Human Development) – March 2011  
Sharona Atkins (Psychology) – October 2011  
Soo Eun Yoon (Human Development) – October 2011  
Sarah Helfenstein (NACS) – December 2011  
Melissa Pangelinan (Kinesiology/NACS) – January 2012  
Ross Vanderwart - TBA  
Say Young Kim – TBA  
Sandra Loughlin – TBA

**MASTERS THESIS COMMITTEE MEMBER**

Michael Kirwin (Human Development) – December 2010

**UNDERGRADUATE STUDENT THESES**

Eugene Park (Communication Sciences & Disorders Northwestern University)- May 2008  
Jayla Gray (Communication Sciences & Disorders Northwestern University)- May 2009