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## BIOGRAPHICAL SKETCH

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NAME Jerri D. Edwards	POSITION TITLE Assistant Professor		
eRA COMMONS USER NAME JEDWARDS1			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Anderson University, Anderson, IN	BA	1992	Psychology
Western Kentucky University, Bowling Green, KY	MA	1995	Experimental Psych.
University of Alabama at Birmingham, Bham, AL	PhD	2000	Developmental Psych.
Center for Research on Applied Gerontology, Birmingham, AL	Post-Doc	2000-2003	Cognitive Aging

### **A. Positions and Honors**

**Graduate Research Assistant**, Western Kentucky University, Department of Psychology, August 1992 - August 1994.

**Research Associate**, Indiana University, Department of Ophthalmology, Glaucoma Research and Diagnostic Laboratory, August 1994 - February 1996.

**Clinical Research Associate**, Cornea Research Foundation of America, June 1996 – September 1996.

**Graduate Research Assistant**, University of Alabama at Birmingham, Center for Research on Applied Gerontology, September 1996 – June 2000.

**Post-Doctoral Fellow**, University of Alabama at Birmingham, Center for Research on Applied Gerontology, June 2000 – August 2003.

**Research Assistant Professor**, University of Alabama at Birmingham, Department of Psychology, September 2003 – June 2004.

**Assistant Professor**, University of Alabama in Huntsville, Department of Psychology, July 2004 – June 2006.

**Assistant Professor**, University of South Florida, School of Aging Studies, August 2006 – present.

### **Honors**

- Edward L. Hutton Academic Scholarship, 1988-1989
- Anderson University Merit Award, 1988-1992
- Anderson University Dean's List, 1988-1992
- Psi Chi Psychology Honor Society, 1993-1995
- UAB Outstanding Graduate Student in Developmental Psychology, 2000
- UAB Graduate Student Research Competition Second Place, 2000
- UAB Postdoctoral Career Enhancement Award, 2001, 2002
- NIH Extramural Loan Repayment Program Recipient, 2002-2004
- Who's Who Among American Women, 2004
- National Academies Transportation Research Board Safe Mobility for Older Persons Committee, 2006 – present

### **B. Selected peer-review publications**

Edwards, J., Wadley, V., Myers, R., Ball, K., Roenker, D., & Cissell, G. (2002). The impact of a speed of processing intervention on other domains of cognitive functioning. *Gerontology*, 28: 329-340.

Roenker, D., Cissell, G., Ball, K., Wadley, V., & Edwards, J. (2003). Speed of processing and driving simulator training result in improved driving performance. Human Factors, 45:218-233.

Wood, K.M., Edwards, J.D., Clay, O.C., Wadley, V.G., Roenker, D.L., & Ball, K.K. (2005). Sensory and cognitive predictors of functional ability in older adults. Gerontology, 51: 131-141.

Edwards, J.D., Wadley, V.G., Vance, D.E., Wood, K.M., Roenker, D.L., & Ball, K.K. (2005). The impact of speed of processing training on cognitive and everyday performance. Aging & Mental Health, 9: 262-271.

Edwards, J.D., Vance, D.E., Wadley, V.G., Cissell, G.M., Roenker, D.L., Ball, K.K. (2005). The reliability and validity of useful field of view test scores for older adults. Journal of Clinical & Experimental Neuropsychology, 27: 529-543.

Ball, K.K., Roenker, D., Wadley, V.G., Edwards, J.D., Roth, D.L., McGwin, G. M., Raleigh, R., Joyce, J., & Cissell, G.M. (2006). Can high-risk older drivers be identified through performance-based measures in a department of motor vehicles setting? Journal of the American Geriatrics Society, 54: 77-84.

Edwards, J.D., Ross, L.A., Clay, O.C., Wadley, V.G., Crowe, M., Roenker, D.L. & Ball, K.K. (2006). The Useful Field of View test: Normative data. Archives of Clinical Neuropsychology, 21: 275-286

Vance, D.E., Ball, K.K., Roenker, D.L., Wadley, V.G., Edwards, J.D. & Cissell, G. M. (2006). Structural equation modeling of fall patterns among older drivers from the state of Maryland. Journal of Aging & Physical Activity, 14: 254-269.

Wadley, V.G., Benz, R.L., Ball, K.K., Roenker, D.L., Edwards, J.D., & Vance, D.E. (2006). Development and evaluation of home-based speed of processing training for older adults. Archives of Physical Medicine and Rehabilitation, 87: 757-763.

Vance, D.E., Ball, K., Roenker, D., Edwards, J., Wadley, V.G., & Cissell, G.M. (2006). Predictors of mobility among older drivers from the state of Maryland. Accident Analysis & Prevention, 38: 823-831.

Vance, D., Dawson, J., Wadley, V.G., Edwards, J.D., Roenker, D.L., Rizzo, M. & Ball, K. (2007). The Accelerate study: The longitudinal effect of speed of processing training on cognitive performance of older adults. Rehabilitation Psychology, 52: 89-96

Vance, D., Dawson, J., Wadley, V.G., Edwards, J.D., Roenker, D.L., Rizzo, M. & Ball, K. (2007). The Accelerate study: The longitudinal effect of speed of processing training on cognitive performance of older adults. Rehabilitation Psychology, 52: 89-96

Ball, K.K., Edwards, J.D., & Ross, L.A. (2007). The impact of speed of processing training on cognitive and everyday functions. Journals of Gerontology: Psychological Sciences, 62B: 19-31.

Edwards, J.D., Ross, L.A., Ackerman, M.A, Small, B.J., Ball, K.K., Dodson, J.E., Bradley, S.A. (in press). Longitudinal predictors of driving cessation among older adults from the ACTIVE clinical trial. Journals of Gerontology: Psychological Sciences.

Edwards, J.D., Leonard, K.M., Dodson, J.E., Bradley, S.L., & Lunsman, M. (in press). Acceptability and validity of the Driving Health Inventory for older-driver assessment. Accident Analysis & Prevention.

### **C. Research Support**

New Researcher Grant  
University of South Florida

05/01/2007 – 04/30/2008

*Cognitive impairment and cognitive training among persons with Parkinson's disease.*

This is a small seed grant provided to young faculty members to collect pilot data for new areas of research. The aim of the project is to examine cognitive abilities among a group of individuals with Parkinson's disease in order to potentially examine the feasibility of speed of processing training among such individuals.

**Role: Principal Investigator**

### **Completed Research Support :**

University Transportation Center of Alabama (Kate Leonard, PI). 06/04/2005 – 05/30/2006.

*Management of Functionally-Impaired Older Drivers.*

The major objectives of this research was the identification of high-risk older drivers and the recommendation of guidelines to prevent accidents attributable to them.

**Role: Co-Investigator**

The University of Alabama in Huntsville Research Grant.

01/01/2006 – 07/01/2006

*Risk Factors for Cognitive Speed of Processing Declines Among Older Adults.*

The major objective of this research was to explore demographic and psychological factors associated with declines in cognitive speed of processing among older adults.

**Role: Principal-Investigator**

1 P30 AG022838-01 Pilot (Jerri D. Edwards, PI)  
NIH

12/01/2003 – 12/31/2005

*The Impact of Medication Use Upon the Mobility of Older Adults*

The major goal of this pilot project is to investigate how medication use impacts crash risk among older adults.

**Role: Principal Investigator**

1 P30 AG022838-01 (Subcontract – Lesley A. Ross, PI)  
NIH

01/01/2006 – 12/31/2006

*Predictors of Mobility Decline Among Older Adults.*

The aims of this project were to identify individual socio-demographic, lifestyle, cognitive, and health risk factors for mobility decline, ascertain reliable and valid methods of assessing such risk factors, and longitudinally examine risk factors as predictors of mobility in older adults.

**Role: Mentor**

1 R01 AG021958-01 (Karlene K. Ball, PI)  
NIH

09/01/2003 – 08/31/2008

*Predicting Long-Term Mobility Outcomes for Older Adults.*

The major goal of this project is to conduct longitudinal functional assessment of a large sample of older drivers tested at field sites of the Maryland Department of Motor Vehicles in order to predict subsequent crash involvement.

**Role: Co-Investigator**

1 P30 AG022838-01 (Karlene K. Ball, PI)  
NIH

09/30/2003 – 08/31/2008

*Center for Translational Research on Aging and Mobility*

This grant provides support to enhance the research infrastructure necessary to accomplish the objectives of the Center, and to support and promote translational research in the many affiliated Center research projects.

**Role: Co-Investigator**

2 U01 AG14289-06 (Karlene K. Ball, PI)  
NIH

09/30/2003 – 12/31/2005

*ACTIVE Phase II: UAB Field Site*

ACTIVE purposes to determine whether cognitive interventions have long-term protective effects on functional outcomes, to document any delayed transfer of the cognitive training to secondary outcomes, and to identify individual factors that affect response to intervention.

**Role: Co-Investigator**

5 R37 AG05739-16 (Karlene K. Ball, PI)  
NIH

08/01/1985 – 01/31/2005

*Improvement of Visual Processing in Older Adults. SKILL: Staying Keen in Later Life*

SKILL was an investigation of the relationship between sensory and cognitive declines with age. This project also evaluated how a cognitive intervention, speed of processing training, impacts older adults' everyday abilities.

**Role: Co-Investigator**

SBIR- Phase II subcontract (Jerri D. Edwards, PI)  
Creative Action, Inc./NIH

09/01/2003-06/01/2004

*Memory Magic™: A Game for Persons with Dementia*

The goal of this subcontract was to evaluate the Memory Magic™ game as an activity for older adults with dementia who participated in Adult Day Care or reside in Assisted Living or Skilled Nursing Care facilities. The extent to which older adults actively participated and enjoyed the activity was observed.

**Role: Principal Investigator**