

**BIOGRAPHICAL SKETCH**

Provide the following information for the key personnel in the order listed for Form Page 2. Follow the sample format for each person. **DO NOT EXCEED FOUR PAGES.**

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NAME	POSITION TITLE
Harriet G. Williams	Professor

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
West Virginia University	BS	1960	Physical Education
The University of Wisconsin – Madison	PhD	1967	Motor Development

**Experience**

1960 Physical Education/Biology, West Virginia University  
 1966-1967 Post-Doctoral Study, Department of Kinesiology, University of California, Los Angeles  
 1967 Motor Development, Experimental Psychology, Statistics, The University of Wisconsin, Madison  
 1980-1984 Professor, Chair, Department of Physical Education, University of South Carolina, Columbia, SC  
 1987-1988 Visiting Research Professor, University of Oregon Motor Control Laboratory and Neuroscience Institute  
 1995-1995 Visiting Research Professor, Department of Kinesiology-Motor Control Laboratory, University of Texas-Austin  
 1996-1996 Visiting Clinical/Research Professor, University of Western Australia, Perth, Australia  
 1980-present Professor, Department of Exercise Science, Norman J. Arnold School of Public Health, University of South Carolina, Columbia, SC  
 1997-present Adjunct Professor, Department of Medicine, Division of Geriatrics, USC School of Medicine, Columbia, SC

**Honors**

1985 Invited guest speaker, First NATO Conference on Motor Development  
 1986 Outstanding Research Award, University of South Carolina  
 1990 West Virginia University Hall of Fame and Outstanding Alumnus  
 1992 Invited participant, First International Conference on Developmental Coordination Disorders  
 1996 Invited presenter, IV International Conference on Physical Activity and Aging  
 1998 Faculty Research Award, School of Public Health, University of South Carolina

**Publications**

McClenaghan, B. & Williams, H. 1992. Use of the spectral signature to discriminate perturbations in standing stability. Posture and Gait: Control Mechanisms, 1: 210-213. University of Oregon Books, Eugene, OR.  
 Williams, H. & Bishop, J. 1992. Speed and Consistency of manual movements of stutters, articulation-disordered children, and children with normal speech. Journal of Fluency Disorders. 17:191-204.  
 Williams, H., Woollacott, M. & R. Ivry. 1992. Timing control in clumsy children. Journal of Motor Behavior: 24: 165-172.  
 Carter, J. & Williams, H. 1993. Relationships between physical activity habits and functional neuromuscular capacities in healthy older adults. Journal of Applied Gerontology 12: 283-293.  
 Greene, L., Williams, H., Carter, J., Macera, C., & Davis, D. 1993. Identifying dimensions of physical functional capacities of the healthy elderly. Journal of Aging and Health 5: 163-178.  
 Greene, L. & Williams, H. 1993. Age-related differences in timing control of repetitive movement: application of the Wing-Kristofferson Model. Research Quarterly for Exercise and Sport 64:32-38.  
 Richter, D., Macera, C., Williams, H. & Koerber, M. 1993. Disincentives to participation in planned exercise activities among older adults. Health Values: 17:51-54.  
 Melvin, C., Williams, H., Bishop, J., McClenaghan, B., Cooper, W. & H. McDade. 1994. Vocal and manual timing control of adult stutters and nonstutterers. Journal of Fluency Disorders. 19(3) Abstract 194-195.  
 Greene, L., Williams H., & Lopez, O. 1995. Interlimb coordination in older adults: Application of dynamic pattern theory. Journal of Sport and Exercise Psychology, 15, S36.

- Williams, H., McClenaghan, B., & Dickerson, J. 1995. Spectral Characteristics of postural control of high and low risk elderly. Proceedings of 4th Annual Injury Prevention Conference: Wayne State, Detroit, MI., abstract in Conference proceeding.
- Williams, H. & Burke, J. 1995. Patellar tendon responses in children with developmental coordination disorders. Adapted Physical Activity Quarterly, 12, 250-261.
- McClenaghan, B., Williams, H., Dickerson, J., Dowda M., Thombs L., & Eleazer, P. 1995. Spectral characteristics of aging postural control. Posture and Gait, 3, 123-131.
- Williams, H. & Greene, L. 1995. Williams-Greene Test of Physical-Motor Function. In Physical Dimensions of Aging. Urbana, IL: Human Kinetics, 351:358-362.
- Greene, L. & Williams, H. 1996. Aging and coordination from the dynamic pattern perspective. Advances in Psychology: Changes in Sensory Motor Behavior in Aging, 114: 89-132.
- Williams, H., Burke, J., McClenaghan, B., Hirth, V. 1997. Balance control: mechanisms of adaptation to sensory-motor integration training in the elderly. Proceedings of the IV International Conference on Physical Activity and Aging: Heidelberg, Germany, 118-130.
- Williams, H., Castro, A. 1997. Timing and force characteristics of muscle activity: postural control in children with and without developmental coordination disorders. Australian Educational and Developmental Psychologist, 14(1):43-54.
- Williams, H., Woollacott, M. 1997. Characteristics of neuromuscular responses underlying posture control in clumsy children. Motor Development: Research & Reviews, 1:8-23.
- Huh, J., Williams, H., Burke, J. 1998. The development of bimanual coordination in children with and without developmental coordination disorders. Developmental Medicine and Child Neurology.
- Williams, H. In Press. Developmental Coordination Disorder: Issues in Motor Control. In Larkin, D. (Ed) Motor Development and Related Issues: Children with Developmental Coordination Disorder.
- Williams, H., McClenaghan, B., Dickerson J. 1998. Spectral characteristics of postural control in high and low risk elderly. Archives of Physical Medicine and Rehabilitation.
- Williams, H. & Abernathy, D. 1999. Assessment of gross motor development. In B. Bracken (Ed) Psychoeducational Assessment of Preschool Age Children. Boston, MA: Allyn & Bacon, 204-233.
- McGraw, B., McClenaghan, B., Williams, H., Dickerson, J. and Ward, D. 2000. Gait and postural stability in obese and non-obese pre-pubertal boys. Archives of Physical Medicine and Rehabilitation.