

## BIOGRAPHICAL SKETCH

NAME Patricia N. Matsuda, PT, PhD, DPT		POSITION TITLE Acting Assistant Professor of Rehabilitation Medicine, University of Washington	
eRA COMMONS USER NAME (credential, e.g., agency login) pmatsuda			
EDUCATION/TRAINING ( <i>Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.</i> )			
INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
University of Washington, Seattle, WA	B.S.	8/82	Physical Therapy
AT Still University, Mesa, AZ	tDPT	3/06	Physical Therapy
University of Washington, Seattle, WA	PhD	12/10	Rehabilitation Science

### A. Personal Statement

My training, experience, and past collaborative work qualify me to participate as a consultant on this proposal. My clinical experience is in the area of falls and fall prevention in various patient populations, and in neurorehabilitation. I am the University of Washington physical therapy faculty advisor for fall prevention events in the community. I am a member of the Washington State Fall Prevention Coalition and the International Multiple Sclerosis (MS) Fall Prevention Network. My overarching research focus is in falls and fall prevention. My PhD dissertation was in understanding falls in MS.

### B. Positions and Honors

#### Positions and Employment

1982	Staff Physical Therapist, Ballard Community Hospital, Seattle, WA
1982-1985	Staff Physical Therapist, Virginia Mason Clinic, Seattle, WA
1983-1994	Physical Therapy Clinical Education Instructor, Virginia Mason Medical Center (VMMC), Seattle, Washington
1985-1994	Clinical Specialist, Neurological Rehabilitation, VMMC, Seattle, Washington
1992-1994	Center Coordinator of Clinical Education, Physical Therapy, VMMC, Seattle, Washington
1994-1997	Physical Therapist, Horizon House, Seattle, Washington
1995	Interim Director, Rehabilitation Department, Horizon House, Seattle, Washington
1997-1998	Physical Therapy Section Supervisor, VMMC, Seattle, Washington
1998-2000	Musculoskeletal/Orthopedic Service Line Manager, VMMC, Seattle, Washington
2000-2007	Coordinator of Clinical Systems and Quality, VMMC, Seattle, Washington
2007-2015	Staff Physical Therapist, per diem, Outpatient Musculoskeletal & Spine Clinic, VMMC, Seattle, Washington
1985-2006	Clinical Instructor, Division of Physical Therapy, University of Washington, Seattle, Washington
2006-2012	Teaching Associate, Department of Rehabilitation Medicine, Division of Physical Therapy, University of Washington, Seattle, Washington
2011-present	Didactic Faculty, University of Washington Medical Center, Neurologic Physical Therapy Residency Program, Seattle, Washington
2013-present	Acting Assistant Professor, Department of Rehabilitation Medicine, Division of Physical Therapy, University of Washington, Seattle, Washington

#### Other Experience and Professional Memberships

1997-present	Member, American Physical Therapy Association (APTA)
1997-present	Member, Geriatrics and Neurology Sections, APTA
2012-present	Member, Balance and Falls Special Interest Group, Neurology Section, APTA
1997-present	Member, Physical Therapy Association of Washington (PTWA)

## **Honors**

1986	Outstanding Employee, Virginia Mason Clinic, Seattle, Washington
1993	Employee of the Month, February, Physical Medicine and Rehabilitation Department, Virginia Mason Medical Center, Seattle, Washington
1999	Rich Bettsworth Award for Excellence in Physical Therapy, Virginia Mason Medical Center, Seattle, Washington
2005	Member, Outstanding Team, Neurorehabilitation Program, Virginia Mason Medical Center, Seattle, Washington
2009	DPT Student Elected Faculty Presenter, Graduation Ceremony University of Washington, Seattle, Washington
2010	DPT Student Elected Faculty Speaker, Graduation Ceremony University of Washington, Seattle, Washington
2011	Gonfaloniere for Graduate School, Commencement Ceremony University of Washington, Seattle, Washington
2014	DPT Student Elected Faculty Speaker, Graduation Ceremony University of Washington, Seattle, Washington
2015	DPT Student Elected Faculty Speaker, Graduation Ceremony University of Washington, Seattle Washington

## **C. Selected peer-reviewed publications (in chronological order).**

1. Matsuda, PN, Shumway-Cook, A, & Ciol, MA. (2010). The effects of a home-based exercise program on physical function in frail older adults. *J of Geriatric Phys Ther*, 33, 78-84. PMID: 20718387
2. Robinson, CA, Shumway-Cook, A, Matsuda, PN, Ciol, MA. (2010). Understanding physical factors associated with participation in community ambulation following stroke. *Disability and Rehabilitation*. 33, 1033-1042. PMID: 23329558
3. Matsuda, PN, Shumway-Cook, A, Bamer, A, Johnson, SL, Amtmann, D, Kraft, G (2011). Falls in Multiple Sclerosis. *PMR*, 3, 624-632. PMID: 21777861
4. Matsuda, PN, Shumway-Cook, A, Ciol, MA, Bombardier, C, Kartin, D (2012). Understanding falls in Multiple Sclerosis: Association with mobility status, concerns about falling, and accumulated impairments. *Phys Ther*, 92, 407-415. PMID: 22135709
5. Robinson, CA, Matsuda, PN, Ciol, MA, Shumway-Cook, A (2013). Participation in community walking following stroke: The influence of self-perceived environmental barriers. *Phys Ther*, 93; 620-627. PMID: 23329558
6. Shumway-Cook, A, Taylor, C, Matsuda, PN, Studer, M, Whetten, B (2013). Expanding the scoring system for the Dynamic Gait Index. *Phys Ther*, 93;1493-1506. PMID: 23813090
7. Matsuda, PN, Taylor, C, Shumway-Cook, A (2014) Evidence for the validity of the Modified Dynamic Gait Index across diagnostic groups. *Phys Ther*, 94; 996-1004.
8. Finlayson, ML, Petersen, E, Matsuda, PN (2014). Participation as an outcome in Multiple Sclerosis falls-prevention research: consensus recommendation from the International MS Falls Prevention Research Network. *Int J MS Care*,16: 171–177. PMID: 25694775
9. Finlayson, ML, Cattaneo, D, Cameron, M, Coote, S, Matsuda, PN, Peterson, E, Sosnoff, J (2014). Applying the RE-AIM framework to inform the development of a Multiple Sclerosis falls-prevention intervention. *Int J MS Care*, 16: 192-197. PMID: 25694778
10. Shumway-Cook, A, Matsuda, PN, Taylor, C (2015). Investigating the validity of the environmental framework underlying the original and modified Dynamic Gait index.

### **C. Selected peer-reviewed publications (in chronological order, cont.).**

*Phys Ther.*, 95:864-870. doi: 10.2522/ptj.20140047. Epub 2014 Dec 18.  
PMID: 25524870

11. Matsuda, PN, Taylor, C, Shumway-Cook, A (2015). Examining the relationship between medical diagnoses and patterns of performance on the Modified Dynamic Gait Index. *Phys Ther.*, 95:854-863. doi: 10.2522/ptj.20140297. Epub 2014 Dec 4. PMID: 25476719
12. Matsuda, PN, Verrall, AM, Finlayson, ML, Molton, IR, Jensen, MP (2015). Falls among adults aging with a disability. *Arch Phys Med Rehabil*, 96:464-471. Epub 2014 Oct 19. PMID: 25449191

### **D. Research Support**

#### **Completed Research Support**

Canadian Institutes of Health Research (CIHR) Planning Grant Finlayson (PI) 2013-2014  
"Establishing an International Multiple Sclerosis Fall Prevention Research Network and Trial Protocol"  
Role: Co-investigator

SAFE STEPS, King County Fire & Life Safety Association Fall Prevention Awareness Day 2008  
Funding for service learning fall prevention events in the community.  
Role: Project Director

Walter and Anita Stolov Grant, UW Dept. of Rehabilitation Medicine Matsuda (PI) 2011-2012  
To study the psychometric properties of the Dynamic Gait Index (DGI) and a modified version, the mDGI, for use as a clinical outcome measure of balance during gait.  
Role: Principal Investigator