

BIOGRAPHICAL SKETCH

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

NAME Leland E. Dibble		POSITION TITLE Associate Professor (Clinical) of Physical Therapy	
EDUCATION (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training)			
INSTITUTION AND LOCATION	DEGREE (If applicable)	YEAR(S)	FIELD OF STUDY
University of California, Davis, Davis, CA	BS	1989	Physiology
Duke University, Durham, NC	MS	1991	Physical Therapy
University of Utah, Salt Lake City, UT	PhD	2001	Exercise and Sport Science / Motor Control

POSITIONS AND HONORS: List in chronological order previous positions, concluding with present position. List any honors. Include present membership on any Federal Government public advisory committee. SELECTED PUBLICATIONS: Do not include publications submitted or in preparation. Items A and B cannot exceed 2 of the 4 pages.

A. Professional Positions; Honors/Awards; Editorial Positions

Professional Positions

ACADEMIC:

Instructor (Clinical), University of Utah, Division of Physical Therapy, Salt Lake City, UT
February 1996-May 2001

Assistant Professor (Clinical), University of Utah, Division of Physical Therapy, Salt Lake City, UT. May 2001-2003.

Associate Professor (Clinical), University of Utah, Division of Physical Therapy, Salt Lake City, UT. May 2003-present.

Adjunct Associate Professor (Clinical) in Departments of Exercise and Sport Science, Occupational Therapy, and Pediatrics, May 2003- present.

CLINICAL:

Physical Therapist, Duke University Medical Center, Durham NC July 1991 - July 1993

Physical Therapist, University of Utah Health Sciences Center, Salt Lake City, UT. July 1993-Jan 2003

Physical Therapist Olympic and Paralympic Village Medical Clinic, 2002 Winter Olympics, January 2002

Physical Therapy Consultant, Neurology (Movement Disorders) Clinic, University of Utah Health Sciences Center, Salt Lake City, UT. March 1998-present;

Clinical Director, Balance and Falls Prevention Program, University of Utah Health Sciences Center, Salt Lake City, UT.
October 2001-present

Awards:

Outstanding Journal Article, Journal of Neurologic Physical Therapy, 2004

Editorial Position (present)

Manuscript reviewer: *Journal of Neurologic Physical Therapy; Movement Disorders; Gait and Posture; Parkinsonism and Related Disorders*

Grant reviewer: Parkinson's Disease Society (UK); National Athletic Trainers Association Research and Education Foundation

B. Selected Publications

JOURNAL ARTICLES:

Gerber JP, Marcus RL, Dibble LE, LaStayo PC. Safety and Feasibility of Negative Work via Eccentric Ergometry Following Anterior Cruciate Ligament Reconstruction. In Review Journal of Orthopedic and Sports Physical Therapy January 2006

Dibble LE, Hale TF, Gerber JP, Droge JA, Marcus RL, LaStayo PC. Safety and Feasibility of High Force Eccentric Exercise in Persons with Parkinson's Disease. In review Archives of Physical Medicine and Rehabilitation, January 2006

Dibble LE, Hale TF, Gerber JP, Droge JA, Marcus RL, LaStayo PC. High Force Eccentric Resistance Training Amplifies Muscle Hypertrophy and Mobility Gains in Persons with Parkinson's Disease. In review Movement Disorders, December 2005

Jessop R, Horowicz C, Dibble LE. Refinement of Movement Velocity and Endpoint Excursion in a Limits of Stability Balance Task in Persons with Parkinson Disease: A Pilot Study. In Press NeuroRehabilitation and Neural Repair, December 2005

Dibble LE, Lange M, Phillips JJ. Predicting Falls In Individuals with Parkinson Disease: A Re-Evaluation of Current Criterion Values Used With Clinical Measures of Balance. In review Journal of Neurologic Physical Therapy, December 2005

Gerber JP, Marcus RL, Dibble LE, LaStayo PC. Early Application of Negative Work via Eccentric Ergometry Following Anterior Cruciate Ligament Reconstruction: A Case Report. In Press Journal of Orthopedic and Sports Physical Therapy

Lien J, Dibble LE. Balance Rehabilitation Following Total Knee Replacement in a Person with Pre-Existing Anoxic Brain Injury: A Case Report. Journal of Neurologic Physical Therapy, Volume 29(1) March 2005.

Dibble LE, Nicholson DE, MacWilliams BA, Shultz B, Marcus RL, Moncur C. Maximal Speed Gait Initiation in Persons with Parkinson's Disease and Healthy Controls. Journal of Neurologic Physical Therapy, Volume 28 (1), March 2004, 2-12.

Dibble LE, Nicholson DE, MacWilliams BA, Shultz B, Marcus RL, Moncur C. Sensory Cueing effects on Gait Initiation in Persons with Parkinson's Disease and Healthy Elderly. Gait and Posture, Volume 19, 2004, 215-225

Dibble LE. Motor Effects of Dopamine Replacement in Person's with Parkinsonism: Taking the Positive with the Negative. Journal of Neurologic Physical Therapy, Volume 27 (3), September 2003

Dibble LE, Nicholson DE. Sensory Cueing Improves Motor Performance and Rehabilitation in Person's with Parkinson's Disease. Neurology Report, Volume 21(4), 1997

SELECT ABSTRACTS:

Dibble L, Hale TF, Gerber JP, Droge JA, Marcus RL, LaStayo PC. Muscle Force, Structure, and Function Change Following High Intensity Negative Work in Persons with Parkinson's Disease. Journal of Neurologic Physical Therapy, December 2004

Dibble L, Hale TF, Droge JA, Gerber JP, Marcus RL, LaStayo PC. High Intensity Negative Work Reduces Bradykinesia While Improving Balance and Quality of Life in Persons with Parkinson's Disease. Journal of Neurologic Physical Therapy, December 2004

Dibble L, Hale TF, Droge JA, Gerber JP, Marcus RL, LaStayo PC. Safety and Feasibility of High Intensity Negative Work in Persons with Parkinson's Disease. Journal of Geriatric Physical Therapy, December 2004

Jessop RT, Horowicz C, Dibble L. Motor Learning in Parkinson's Disease: Refinement of Movement Velocity and Endpoint Excursion in a Limits of Stability Balance Task. Journal of Neurologic Physical Therapy, December 2004

C. Research Support (submitted, ongoing or completed during last three [3] years)

Grant #: Geriatrics Endowment Grant

Dates: 2004-05 (completed)

Funding Agency: Foundation for Physical Therapy

Role: Principal Investigator

Title: Eccentric Exercise Effects on Sarcopenia, Function, and Quality of Life in Persons with Parkinson's Disease

Aims: To pilot the effectiveness of eccentric exercise in improving mobility, decreasing fall risk, and improving quality of life in neurologically impaired population (Parkinson's disease) with skeletal muscle atrophy.

Funding Total: \$40,000.00

Grant #: Funding Incentive Seed Grant

Dates: 2004-05 (completed)

Funding Agency: University of Utah Office of Research

Role: Principal Investigator

Title: The Effects of Chronic Eccentric Training on Sarcopenia and Function in Persons with Parkinson's Disease

Aims: To pilot the effectiveness of eccentric exercise in improving muscle structure and function in a neurologically impaired population (Parkinson's disease) with skeletal muscle atrophy.

Funding Total: \$27,000.00

Grant #: MCHB Training Grant

Dates: 2001-2006 (on-going)

Funding Agency: Maternal and Child Health Bureau

Role: Discipline Coordinator (Holt, PI)

Title: Utah Leadership and Education in Neurodevelopmental Disabilities

Aims: To train leadership skills in health care professionals treating children with special health care needs

Funding Total: \$300,792.00

Grant #: Clinical Exercise Program Grant

Funding Agency: American Parkinson Disease Association

Title: Risk reduction exercise program for persons with Parkinsonism.

Aims: To provide a community based and evidence guided exercise program for persons with Parkinsonism.

Funding Total: \$48,000

Dates: 2002-2006 (on-going)

Role: Principal Investigator

Grant #: Research Grant

Funding Agency: American Parkinson Disease Association

Title: The effects of a strength-training program in persons with PD as measured by an in-shoe kinematic and kinetic analysis system.

Aims: To examine gait function in the community in persons with PD following strength training through the use of an in-shoe analysis device.

Funding Total: \$50,000.00

Dates: 2005-2006 (on-going)

Role: Co-Investigator (Bamberg, PI)

Grant #: Primary Care Research Grant

Funding Agency: University of Utah Primary Care Research Center

Title: Secondary Prevention of Recurrent Strokes and Fall Related Injuries in Persons Post Stroke

Aims: To examine the efficacy of exercise training at improving modifiable cardiovascular disease risk factors and measures of balance control in Stroke survivors

Funding Total: \$15,000.00

Dates: 2006-07 (on-going)

Role: Principal Investigator