

CURRICULUM VITAE

Eric M. Lamberg, EdD, PT, C.Ped

Education:

Teachers College, Columbia University
New York, N.Y.
2002 - 2005
Biobehavioral Sciences
Doctor of Education (Ed.D.), Movement Sciences, 2005

Teachers College, Columbia University
New York, N.Y.
1999 - 2002
Biobehavioral Sciences
Masters of Education (Ed.M.), Movement Sciences. 2002

Ithaca College
Rochester, N.Y.
1996 - 1997
Physical Therapy
Master of Science, 1997

Ithaca College
Ithaca, N.Y.
1992 - 1996
Clinical Science
Bachelor of Science, 1996

Certification:

Board Certified Pedorthist, 2005 – Present
American Board for Certification in Orthotics, Prosthetics and Pedorthists, Inc.
CPed#2137

Human Participants Protection Education for Research Teams, 2002 - Present
National Institutes of Health

APTA Credentialed Clinical Instructor, 1999

Employment and Positions Held:

Clinical Associate Professor in Physical Therapy
Stony Brook University, Department of Physical Therapy
Stony Brook, N.Y.
9/05 – Present

Clinical Assistant Professor in Physical Therapy (Adjunct)
Stony Brook University, Department of Physical Therapy
Stony Brook, N.Y.
2/05 – 5/05

Assistant Professor in Physical Therapy
Long Island University, Division of Physical Therapy
Brooklyn, N.Y.
9/02 – 8/05

Contract Pediatric Physical Therapist
Volunteers of America- Bronx Early Learning Center
Bronx, N.Y.
9/02 – 9/04

Instructor in Movement Sciences
Teachers College/Columbia University
Department of Biobehavioral Sciences
Spring 2002

Assistant Professor (Adjunct)
Long Island University, Division of Physical Therapy
Brooklyn, N.Y.
9/00 - 8/02

Graduate Assistant in Movement Sciences
Teachers College/Columbia University
Department of Biobehavioral Sciences
Fall 2000 & 2001

Graduate Assistant on NIH Grant
"Constraint Induced Movement Therapy in Children with Cerebral Palsy"
Teachers College/Columbia University
Department of Biobehavioral Sciences
Fall 2001

Lab Coordinator of Movement Sciences
Coordinate and maintain computer hardware and software
Teachers College/Columbia University
Department of Biobehavioral Sciences
9/00 - 9/02

Staff Pediatric Physical Therapist
Volunteers of America- Bronx Early Learning Center
Bronx, N.Y.
9/99 - 8/02

Research Assistant
Columbia University- Health Sciences Center
New York, N.Y.
3/00 - 9/00

Home Physical Therapist
Mount Sinai-New York University Home Health Agency
New York, N.Y.
4/99 - 4/00

Part-Time Staff Physical Therapist
Physical Therapy Services of Huntington
Huntington, N.Y.
9/98 - 3/99

Staff Physical Therapist
North Shore University Hospital
Manhasset, N.Y.
12/97 - 8/99

Peer Reviewed Publications:

Lamberg, EM and Hagins, M (Submitted). The effects of low back pain on natural breath control during a lowering task. *European Journal of Applied Physiology*.

Lamberg, EM and Muratori, L (Submitted). Cell phones change the way we walk. *Gait and Posture*.

Lamberg, EM, Collins, C, Borges, M, and Hanks J (Submitted). Managing proximal femoral focal deficiency with limited resources in Haiti. *Physical Therapy*

DiFrancisco-Donoghue, J, Lamberg, EM, Elokda, A, Rabin, E, Fazzini, E, and Werner, WG (Submitted). Effect of Vitamin Supplements and Exercise on Glutathione in Parkinson's Disease. *Neurodegenerative Diseases*.

Lamberg, EM and Hagins, M (2011). Individuals with low back pain breathe differently than healthy individuals during a lifting task. *Journal of Orthopaedic and Sports Physical Therapy*.41(3), 141-148.

Lamberg, EM and McKenna, RF (2011). Development of an after-school wellness club to promote physical activity and healthy lifestyle. *Internet Journal of Allied Health Sciences and Practice*. Jan 2011. Volume 9 Number 1.

Elokda, A, DiFrancisco-Donoghue, J, Lamberg, EM, and Werner, WG (2010). Effects of Exercise Induced Oxidative Stress on Glutathione Levels in Parkinson's Disease On and Off Medication. *Journal of Neurology*. 257(10), 1648.

Lamberg, EM and Hagins, M (2010). Breath control during manual lifting of a maximally tolerated load. *Ergonomics*, 53(03), pp. 385–392.

DiFrancisco-Donoghue, J, Elokda, A, Lamberg, EM, Bono, N, and Werner, WG (2009). Norepinephrine and Cardiovascular Responses to Maximal Exercise in Parkinson's Disease On and Off Medication. *Movement Disorders*,24(12), 1773-1778.

Werner, WG, DiFranciso-Donoghue, J, and Lamberg, EM (2006). Cardiovascular response to treadmill testing in Parkinson's Disease. *Journal of Neurologic Physical Therapy*, 30(2), 68-73.

Hagins, M and Lamberg, EM (2006). Natural breath control during lifting tasks: Effect of load. *European Journal of Applied Physiology*, 96(4), 453-458.

Lamberg, EM, Mateika, JH, and Gordon, AM (2005). Visual properties of objects affect manipulative forces and respiration differently. *Brain Research*, 1066, 158-163.

Lamberg, EM, Mateika, JH, Cherry, L, & Gordon, AM. (2003). Internal representations underlying respiration during object manipulation. *Brain Research*, 982(2), 270-279.

Peer Reviewed Scientific and Professional Presentations:

Muratori, L, Streb, R, Penna, J, Werner, M, Jariwala, K and Lamberg, EM (Submitted). *Functional improvement through use of body weight support treadmill training in people with lower limb amputation: A pilot study*. Poster session at the 2012 Combined Sections Meeting of the American Physical Therapy Association, Chicago, IL.

Czujko, PN, and Lamberg, EM (Submitted). *Kinesiology in 3D - A description of a hands on active learning project*. Poster session at the 2012 Combined Sections Meeting of the American Physical Therapy Association, Chicago, IL.

Lamberg, EM, Collins, C, Borges, M, and Hanks J (Submitted). *Managing proximal femoral focal deficiency with limited resources in Haiti*. Poster session at the 2012 Combined Sections Meeting of the American Physical Therapy Association, Chicago, IL.

Streb, R, Muratori, L, Penna, J, and Lamberg, EM (2011, June). *Effect of treadmill training on low back pain and trunk muscle function in people with lower limb amputation: A Preliminary Report*. Poster session presented at the 2011 Annual Conference and Exposition of the American Physical Therapy Association, National Harbor, MD.

Lamberg, EM and Muratori, L (2011, June). *Texting and Talking. Do cell phones change the way we walk?* Poster session presented at the 2011 Annual Conference and Exposition of the American Physical Therapy Association, National Harbor, MD.

Muratori, LM, Lamberg, EM, Penna, J and Werner, M (2011, April). *Effectiveness of body weight support treadmill training to improve function in people with lower limb amputation: A Pilot Study*. Poster session presented at the Stony Brook University Medical Center's Women in Medicine 5th Annual Research Day, Stony Brook, NY.

Lamberg, EM, Muratori, LM, Penna, J and Werner, M (2011, March). *Improving Function: Body Weight Support Treadmill Training in Lower Limb Amputees*. Presented as a Free Paper presentation at the 37th Annual Meeting and Scientific Symposium of the American Academy of Orthotists and Prosthetists, Orlando, FL.

Werner, WG, DiFrancisco-Donoghue, J, and Lamberg, EM (2011, March). *The Effects of Exercise and B Vitamins on Glutathione Levels via the Transsulfuration Pathway in Parkinsons Disease*. Poster session presented at the 10th International Conference on Alzheimer's and Parkinson's Disease, Barcelona, Spain.

Martino, S, Morelli, PJ, Sisto, SA, and Lamberg, EM (2010, October). *Outcomes of a Multi-Disciplinary 20 Week Fitness and Nutrition Program*. Poster session presented at Obesity 2010, 28th Annual Scientific Meeting of The Obesity Society, San Diego, CA.

Gudesblatt, M, Lamberg, EM, McKenna, R, Zarif, M, Burke, C, Gutman, M, Bumstead, B, Fafard, L, Seidel, C, Cruz, L, Fahie, S, Bohuslaw, J, Riley, S, Graffitti, L, and Muratori, L (2010, June). *Objective gait measures as markers for disease progression in Multiple Sclerosis*. Poster session presented at the 2010 Annual Meeting of Americas Committee on Treatment and Research in Multiple Sclerosis, San Antonio, Texas.

Muratori, LM and Lamberg, EM (2010, April). *The classroom as a research tool*. Presented at the Stony Brook University, School of Health Technology and Management's Scholar's Day, Stony Brook, NY.

Lamberg, EM and Hagins, M (2010, February). *Do individuals with low back pain breathe differently than healthy individuals during a lifting task?* Platform session presented at the 2010 Combined Sections Meeting of the American Physical Therapy Association, San Diego, CA.

Werner, WG, DiFrancisco-Donoghue, J, and Lamberg, EM (2010, February). *Blood Lactate Response during Maximal Exercise in Parkinson's disease On and Off Medication.* Poster session presented at the 2010 Combined Sections Meeting of the American Physical Therapy Association, San Diego, CA.

Werner, WG, DiFrancisco-Donoghue, J, Lamberg, EM, Elokda, A, and Bono, N (2010, February). *The effects of Levodopa on cardiovascular responses during maximal exercise in Parkinson's Disease.* Poster session presented at the 2010 Combined Sections Meeting of the American Physical Therapy Association, San Diego, CA.

Werner, WG, DiFrancisco-Donoghue, J, Elokda, A, Bono, N and Lamberg, EM (2009, May). *Effects of Oxidative stress on Glutathione Levels in Patients with Parkinson's Disease.* Poster session presented at the 2009 Annual Meeting of the American College of Sports Medicine, Seattle, WA.

Lamberg, EM and Hagins, M (2009, February). *Evidence supporting the role of breath control in postural stabilization.* Poster session presented at the 2009 Combined Sections Meeting of the American Physical Therapy Association, Las Vegas, NV.

Lamberg, EM, McKenna, RF, and Yirce, L (2009, February). *Move your feet!—An afterschool wellness club.* Poster session presented at the 2009 Combined Sections Meeting of the American Physical Therapy Association, Las Vegas, NV.

Lamberg, EM and Hagins, M (2008, February). *Breath control during lifting depends on level of exertion.* Poster session presented at the 2008 Combined Sections Meeting of the American Physical Therapy Association, Nashville, TN.

Lamberg, EM and McKenna, RF (2008, February). *Using community input to develop an after school wellness club.* Poster session presented at the 2008 Combined Sections Meeting of the American Physical Therapy Association, Nashville, TN.

Werner, WG and Lamberg, EM (2006, February). *Static hamstring self-stretch: Is five times more effective than two times per week?.* Poster session presented at the 2006 Combined Sections Meeting of the American Physical Therapy Association, San Diego, CA.

Werner, WG, DiFranciso-Donoghue, J, and Lamberg, EM (2006, February). *Cardiovascular response to treadmill testing in Parkinson's Disease.* Poster session presented at the 2006 Combined Sections Meeting of the American Physical Therapy Association, San Diego, CA.

Lamberg, EM, Schatz, E, Cebada-Mora, CS, and Berg, J. (2006, February). *Interactive training with body-powered transradial upper extremity prostheses: An educational unit.* Poster session presented at the 2006 Combined Sections Meeting of the American Physical Therapy Association, San Diego, CA.

Hagins, M and Lamberg, EM (2005, October). *Natural breath control during lifting tasks: Effect of load.* Poster session presented at the 35th annual meeting for the Society for Neuroscience, Washington, DC.

Lamberg, EM, Godwin, E, Medina, V, Dudley, T, and Lemaire, E (2005, February). *Criterion validity of a computer based digital-video movement assessment tool.* Poster session presented at the Combined Sections Meeting of the American Physical Therapy Association, New Orleans, LA.

Lamberg, EM, Mateika, JH, Raghavan, P, and Gordon, AM (2004, October). *Planned respiratory alterations during discrete lifting.* Poster session presented at the 34th annual meeting for the Society for Neuroscience, San Diego, CA.

Lamberg, EM and Godwin, EM (2004, June). *Reliability and Validity of a Clinical Video-based Gait Assessment Tool.* Poster session presented at XVth Congress for the International Society of Electrophysiology and Kinesiology, Boston, MA

Lamberg, EM, Mateika, JH, Cherry, L, and Gordon, AM. (2003, April). *Internal Representations underlying respiration during object manipulation.* Poster session presented at the 13th annual meeting of the Society for the Neural Control of Movement, Santa Barbara, CA.

Non-Peer Reviewed Publications:

Garritano, C, Lamberg, EM, and Muratori, LM (2009). *Adaptive Sports for People with disABILITIES.* *ADVANCE for Physical Therapists & PT Assistants*—Online edition. Web site: <http://physical-therapy.advanceweb.com/Article/Adaptive-Sports-for-People-with-DisABILITIES.aspx>

Lamberg, EM. Abstract of current literature. [Re: Combined use of body weight support, functional electric stimulation, and treadmill training to improve walking ability in individuals with chronic incomplete spinal cord injury. Field-Fote, E.C. *Archives of Physical Medicine and Rehabilitation.* 2001; 82: 818-824.] Neurology Report. 2002; 26, 2: 108-109.

Funded/In Review Grant Activity:

Muratori, LM, **Lamberg, EM**, Christodoulou, C, Sisto, SA, Krupp, LM. And Gudesblatt, M. *Assessing and treating walking impairment in MS: A novel approach addressing the cognitive demands of walking through a multi-task locomotor training paradigm.* Submitted to the National Multiple Sclerosis Society for a 3-year award (\$606,642).

Lamberg, E, McKenna, R, and Werner, M. *Use of vacuum assisted socket technology with transfemoral amputees: A pilot study to investigate the effect of brim height on kinematics, kinetics, and comfort,* conditionally awarded by Otto Bock Healthcare (\$27,000).
Role: Principal Investigator

Lamberg, E, Muratori, L. and Penna, J. *Body Weight Support Treadmill Training For Ambulatory Individuals Living With Lower Extremity Limb Loss,* Subaward supported through GCRC Grant no. M01-RR10710 from the National Center for Research Resources, National Institute of Health. Protocol #: 09-579-184 (\$40,875).
Role: Principle Investigator

Hagins, M, and **Lamberg, E.** *Breath Control During Lifting Tasks,* Biomedical Research Support (MBRS) Grant 1S06 GM074923-01 (\$100,000). 04/10/05 – 04/10/09.
Role: Co-Principle Investigator

Lamberg, E. and McKenna, R. *Move your Feet! - A school-based wellness program,* W.K. Kellogg Foundation P0117956 (\$5,000). 01/01/06 – 12/31/06.
Role: Principle Investigator

Lamberg, E. and Streb, R. *Classification of the Lumbo-Pelvic-Hip Complex with a Standardized Method.* New York Physical Therapy Association (\$2,675).09/01/06*
Role: Principle Investigator

Membership in Scientific/Professional Organizations:

American Physical Therapy Association Neurology and Research Section	1993 - Present
New York Physical Therapy Association	1993 - Present
American Academy of Orthotists and Prosthetists	2011 - Present
Pedorthic Footwear Association	2006 – 2008
Society for Neuroscience	2001 - 2003

Consultative and Advisory Positions Held:

APTA Section on Research Abstract Review Committee Member	2009 - Present
Editorial Review Board Member for Fitzsimons Army Medical Center (FAMC) Institutional Memory Preservation Project http://www.oandplibrary.org/famc/	2010
Grant Reviewer for Internal Grant at Long Island University	2009
Ad Hoc Reviewer for Prosthetics and Orthotics International	2011 - Present
Ad Hoc Reviewer for Journal of School Health	2008 – Present
Ad Hoc Reviewer for Journal of Physical Activity and Health	2010 - Present
Ad Hoc Reviewer for American Physical Therapy Association's Hooked on Evidence Database.	2003 - 2005

Community Service:

Össur Leg Amputee Running and Mobility Clinic, June 2011

Adavantage Haiti-Medical Teams International, April 2011
Volunteer Physical Therapist

Amp1 Basketball Game, March 2011
Volunteer

Habitat for Humanity House Builds

Services to the University/College/School on Committees/Councils/Commissions

University Wide	
University Faculty Senator	2005 – Present
University Environment Committee	2010 – Present
School of Health Technology and Management	
By-laws Committee	2010 – Present
Chair	
Academic Standing Committee	2009 – Present
Department	
Physical Therapy Program Admissions Committee Member	2005-present
Physical Therapy Program Curriculum Committee Member	2005-present
Physical Therapy Program Technology Committee Member	2005-present
Independent Study Research Advisor	
Crystal Garritano (DPT student, Stony Brook University, 2008)	

Lisa Yirce (DPT student, Stony Brook University, 2010)

- Awarded Excellence in Student Research-2010 Convocation

Honors/Awards:

Individual Development Award, State of New York United University Professions, \$1,000 for professional development. 2010

Individual Development Award, State of New York United University Professions, \$1,000 for professional development. 2006

Alpha Eta, The National Honor Society of the Allied Health Professions 2006

Continuing Education Attended:

Annual Meeting 2011
New York State Chapter of American Academy of Orthotists and Prosthetists
Albany, NY

37th Annual Meeting and Scientific Symposium 2011
American Academy of Orthotists and Prosthetists,
Orlando, FL.

Clinical Biomechanics Boot Camp (16 hours) 2010
Craig Payne, DPM
Toronto, Canada

Combined Sections Meeting (2.1 CEUs) 2010
American Physical Therapy Association, San Diego, CA.
Research Innovations to Improve Amputee Care (0.15 CEUs)
Beyond Acute Care: The Future of Amputee Care (0.175 CEUs)
Balance at a High Level: Vestibular Training for the Amputee (0.2 CEUs)
Returning to Recreational Sports and Beyond: Advanced training for Amputees Part 1 (0.3 CEUs)
Returning to Recreational Sports and Beyond: Advanced training for Amputees Part 2 (0.35 CEUs)

The Prescription Foot Orthotic Laboratories Association (OPERF) 2009
Annual Conference
Atlanta, GA

Sagittal Plane Theory and 1st Ray Function 2008
Vasyli Medical
Howard J. Dananberg, DPM
Melville, NY

Improving Functional Outcomes for Amputees: 2008
A Collaborative Approach
Norfolk, VA

Combined Sections Meeting 2008
American Physical Therapy Association
Nashville, TN.

Combined Sections Meeting 2007
American Physical Therapy Association
Boston, MA.

Basic and Advanced Concepts of Foot Evaluation and Orthotic Management. Levels I and II
Roberta Nole, PT, C.Ped
New York, N.Y. 2006

Two Steps Ahead
Robert Gailey, PhD, PT
Port Jefferson, N.Y. 2006

Combined Sections Meeting
American Physical Therapy Association
San Diego, CA. 2006

Current Teaching Responsibilities in the Entry-Level Program:

HAY 570 - Case Studies I	Year 1 - Spring
HAY 512 - Prosthetics and Orthotics	Year 2 - Fall
HAY 506 - Adult Neurological Rehabilitation II	Year 2 - Fall
HAY 573 - Case Studies III	Year 2 - Spring