

CURRICULUM VITAE

Christine Lynn Wells
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Baltimore, MD 21201
(410) 706-6663
University of Maryland School of Medicine
Department of Physical Therapy & Rehabilitation Science

Education:

University of Pittsburgh, Pittsburgh, PA - 1997 to 2002
Developmental Movement: Motor Control, Ph.D.

University of Pittsburgh, Pittsburgh, PA - 1992 to 1995
Physical Therapy Cardiopulmonary, MS

Stockton State College, Pomona, NJ - 1989 to 1991
Physical Therapy, BS

West Chester University, West Chester, PA - 1981 to 1985
Health, Physical Education, Athletic Training, BS

Licensure Information/Registration Number:

State of Maryland Physical Therapist License # 20620 (2002)

State of Pennsylvania Physical Therapist License # 002536 E (1991)

State of Pennsylvania ATC Registration – Number RT-00368-A (1985)

Employment and Positions Held:

Academic

Part Time Assistant Professor, Non-Tenured, University of Maryland School of Medicine
Department of Physical Therapy & Rehabilitation Science, 2002- Present

Adjunct Assistant Professor, Non-Tenured, Slippery Rock University,
Graduate School of Physical Therapy 2002- 2006

Adjunct Faculty, Non-Tenured, University of Pittsburgh, School of Nursing,
Division of Acute/Tertiary Care, 2001– 2006

Assistant Professor, Tenured, Slippery Rock University,
Graduate School of Physical Therapy, 2000- 2002

Laboratory Instructor, Duquesne University, School of Physical Therapy Gross Anatomy, 1997 - 2001

Clinical Instructor, University of Pittsburgh, School of Physical Therapy Cardiopulmonary Physical Therapy, Pittsburgh, PA, 1993 - 1997

Non-Academic

Core Clinical Physical Therapist, University of Maryland Medical System, Department of Rehabilitation Services, 2002 – present

Physical Therapist Independent contractor, Allegheny & Chesapeake Physical Therapy, Pittsburgh, PA, 1998 - 2002

Physician Therapist, Graduate Research Assistant, UPMC Department of Cardiothoracic Surgery, Pittsburgh, PA, 1997 - 2002

Physician Therapist, P.T.III: Senior staff, UPMC-CORE Network UPMC-HS at PUH Pittsburgh, PA, 1996 - 1997

Physical Therapist Emergency Relief, UPMC-HS at Shadyside Hospital Shadyside, PA, 1992 - 2002

Team Leader Cardiopulmonary / Solid Organ Transplantation, UPMC HS at PUH Department of Physical Therapy, Pittsburgh, PA, 1992 - 1996

Physical Therapist, UPMC Home Care Services, Pittsburgh, PA, 1992 - 1993

Exercise Physiologist, Betty Bacharach Rehabilitation Hospital; Pomona, New Jersey, 1989 - 1991

Head Athletic Trainer, Stockton State College Pomona, New Jersey, 1989-1991

Athletic Trainer, Crozer-Chester Medical Center; Physical Therapy Department, Chester, PA, 1985-1989

Athletic Trainer Women's Rugby, Swarthmore College Swarthmore, PA, 1986-1988

Head Athletic Trainer, Kennett Square Consolidated School District Kennett Square, PA 1985-1986

Peer Reviewed Publications:

Journals

1. Wells, CL. Lung transplantation. Acute Care Perspectives; 16:(1), 14-23. 2007.
2. Billek-Sawheny, B. Gay, J. Wells, CL. Reliability of the Adapted Reach Test and Its Comparability to the Functional Reach Test in Community-dwelling Older Adults. Topics in Geriatric Rehabilitation; 24:(1), 75-86, 2006

3. Wells, CL. Smiley-Oyen, A. Psychomotor performance in lung transplant recipients: Simple reaction time. *Journal of Heart & Lung Transplant*; 24:(3), 282-288. 2005
4. De Vito Dabbs AJ, Hoffman L, Iacono A, Wells CL, Zullo T, Grgurich W, & Dauber J. (2003). Patterns and predictors of allograft rejection within the first year of lung transplantation. *American Journal of Respiratory and Critical Care Medicine*; 12(6), 497-507, 2003.
5. Wells, CL. Physiological response to upper extremity exercise and the clinical implications. *Cardiopulmonary Physical Therapy Journal*; 9: (4) 7-9, 1998.
6. Wells, CL, S. Whitney, et al. Reliability of the physical performance test in lung transplant candidates and recipients. *Cardiopulmonary Physical Therapy Journal* 7:(4), 9-11, 1996.

Home Study Course

1. Wells, CL., *Pediatric Pulmonary Disease and Disorders*. APTA Pediatric Home Study Course. American Physical Therapy Association. (pending publication 2007).

Books

1. Huber, FE and Wells, CL. (editors). *Therapeutic Exercise and Progression*. Philadelphia, Elsevier Publishing (2006)

Book Chapters

1. Wells CL., Goodman, CC. *Transplantation in Pathology: Implications for the Physical Therapist*, 2nd. Philadelphia, Harcourt Health Sciences, chapter 20, 772-820. (2003, pending publication 2007)
2. Wells, CL., *Cardiac Pacemakers and Defibrillators*. *Geriatric Rehabilitation Manual*, 2nd Edition. T. Kauffman. Philadelphia, Elsevier, chapter 47, 228-231. (1999, 2nd Ed. pending publication 2007)
3. Wells, CL., *Congestive Heart Failure and Valvular Heart Disease*. *Geriatric Rehabilitation Manual*, 2nd Edition. T. Kauffman. Philadelphia, Elsevier, chapter 46, 224-228. (1999, 2nd Ed. pending publication 2007).
4. Wells, CL., *Invasive Cardiac Procedures*. *Geriatric Rehabilitation Manual*, 2nd Edition. T. Kauffman. Philadelphia, Elsevier, chapter 48, 231-235. (1999, 2nd Ed. pending publication 2007)
5. Wells, CL., *Pulmonary Diseases*. *Geriatric Rehabilitation Manual*, 2nd edition. T. Kauffman. Philadelphia, Elsevier, chapter 49, 236-242. (1999, 2nd Ed. pending publication 2007).
6. Wells, CL. *Endurance in Therapeutic Exercise and Progression*. FE Huber and CL Wells, Philadelphia, Elsevier Publishers (2006)
7. Wells, CL. *Pulmonary Pathology in Evidence Based Integrate Guide to Cardiopulmonary Physical Therapy*. L. Cahalin and W. DeTurk. Philadelphia, McGraw Hill chapter 7. (2004)

8. Leard, J, Wells, CL. Physical Therapy Management of Musculoskeletal Dysfunction in Evidence Based Integrate Guide to Cardiopulmonary Physical Therapy. L. Cahalin and W. DeTurk. Philadelphia, McGraw Hill chapter 15. (2004)
9. Wells, CL., Cardiovascular and Pulmonary Case Studies. Clinical Cases in Physical Therapy. M. Moran. Philadelphia, Butterworth-Heinemann, 69-70, 75-76. (1995).

Peer Reviewed Scientific and Professional Presentations:

A. Abstracts:

1. Wells CL, Smiley-Oyen A, Dauber JH., Force generation and modulation in lung transplant recipients. Cardiopulmonary Physical Therapy Journal. (2004).
2. Wells CL, Smiley-Oyen A, Dauber JH., Psychomotor performance in lung transplant recipients: Choice reaction time. Cardiopulmonary Physical Therapy Journal. 14(4):19. (2003).
3. De Vito Dabbs AJ, Wells CL, Hoffman L, Zullo T, Grgurich W, Dauber J & Iacono A., Patterns and predictors of allograft rejection within the first year of lung transplantation. American Journal of Respiratory and Critical Care Medicine. 163(5):A808. (2001).
4. Wells, CL., Stillely CA, Smiley-Oyen, A, Dauber JH., Cognitive function in lung transplant recipients. Cardiopulmonary Physical Therapy Journal 2003; 14(1):20. (2003)
5. Wells, CL., C. Janov, et al., Predicting post transplant survival and cost effectiveness in lung transplantation. American Journal of Respiratory and Critical Care Medicine. 159(3): A53. (1999)
6. Wells, CL., S. Whitney, et al., Clinical use of the 6 minute walk distance test in-patients being considered for lung transplantation. Cardiopulmonary Physical Therapy Journal. 9(4): 23. (1999)
7. Wells, CL., Can pulmonary function tests and arterial blood gas studies be used to predict tolerance to perform activities of daily living? Cardiopulmonary Physical Therapy Journal. 7(4):23. (1997)
8. Wells, CL., S. Whitney, et al. (1996). Functional mobility in lung transplant candidates as assessed objectively and by self-report. Cardiopulmonary Physical Therapy Journal. 6(1): 19.
9. Wells, CL., S. Whitney, et al., Use of the physical performance test in lung transplant candidates. Journal of Heart and Lung Transplantation. 15(1part 2): S54. (1996)
10. Wells, CL., S. Whitney, et al., Relationship between the 6-minute walk distance test and the physical performance test in-patients with end stage lung disease. American Journal of Respiratory and Critical Care Medicine. 151(4): A687. (1995).

B. Non-Peer Reviewed Publications:

1. Wells, CL. Understanding your knee pain. Transplant Chronicles. National Kidney Foundation. 13 (4), page 3 (2006).
2. Wells, CL. Are you at Risk for falls? Part 1. Transplant Chronicles. National Kidney Foundation.13(2) page 2. (2006)
3. Wells, CL. Are you at Risk for falls? Part 2. Transplant Chronicles. National Kidney Foundation.13(3) page 2. (2006)
4. Wells, CL. Hip Replacements. Transplant Chronicles. National Kidney Foundation.13(1) page 11. (2006)
5. Wells, CL. Considering a Wheelchair. Transplant Chronicles. 12(1), page 10. National Kidney Foundation. (2005)
6. Wells, CL. Bone Health. Transplant Chronicles. 12(1), page 14-15. National Kidney Foundation. (2005)
7. Wells, CL. Time to Get Ready: Transplant Games. Transplant Chronicles. 11(4), page 2-3. National Kidney Foundation. (2004)
8. Wells, CL. Exercise and Kick the Habit. Transplant Chronicles. 11(3), page 13. National Kidney Foundation. (2004)

C. Non-Peer Reviewed Presentations:

1. Wells, CL. Mechanical Ventilation. University of Maryland Medical Center, Baltimore MD (2006)
2. Wells, CL. Clinical Anatomy and Physiology of the Respiratory Center. University of Maryland Medical Center, Baltimore MD (2006)
3. Wells, CL. Heart Failure to transplantation: Role of Rehabilitation. Chatham College, Pittsburgh PA. (2006)
4. Wells, CL., Pulmonary Rehabilitation for patients undergoing lung volume reduction surgery. University of Maryland, Department of Thoracic Surgery, Baltimore MD. (2004)
5. Wells, CL., Clinical Decision Making for Patients with Cardiovascular and Pulmonary Disease. PPTA State Conference, Harrisburg, PA. (2002)
6. Wells, CL., Lung Transplantation: PT Role in the Transplantation Program. APTA Combined Section Meeting, New Orleans, LA. (2000)
7. Wells, CL., Role of PT in Cardiac Transplant Programs. APTA Combined Section Meeting, New Orleans, New Orleans, LA. (2000)
8. Wells, CL., K. Bishop-Lindsay, et al., Management of the Medically Complex Patient. WVPTA Spring Conference Meeting, Sutton, WV; (1999) APTA Combined Section Meeting,

Seattle, WA; (1997). Management of the Medically Complicated Patient. PPTA State Convention, Seven Springs, PA. (2000)

9. Wells, CL., Exercise Physiology and Medical Monitoring for the Physical Therapy Assistant. PPTA Pre-Conference State Convention, Hershey, PA. (1996).
10. Wells, CL., PT Management of Patients on Circulatory Assist Devices. APTA Combined Section Meeting, Reno, NV. (1995)
11. Wells, CL., Medical Complications of Lung Transplantation. APTA Combined Section Meeting: Reno, NV. (1995)
12. Wells, CL., PT Management and Exercise Prescription. National Black Lung Coalition; Hershey, PA. (1993)
13. Wells, CL., Role of PT in Pre and Post Lung Transplant Patients. 1993 Update in Lung Transplantation; Division of Cardiothoracic Surgery, Pittsburgh, PA. (1993)

Funded/In Review Grant Activity:

Principal Investigator: Wells, CL
\$7,500.00

Motor control and cognitive function in lung transplant recipients
2001, APTA Foundation for Physical Therapy PODS II

Principal Investigator: Wells, CL
\$15,000.00

Motor control and cognitive function in lung transplant recipients: primary investigator.
2000, APTA Foundation for Physical Therapy PODS II Award

Principal Investigator: Wells, CL
\$1,500.00

Motor control and cognitive function in lung transplant recipients
1999, University of Pittsburgh, School of Physical Therapy, Development grant

Other Scholarly Products:

Web Sites

1. Wells, CL (2002). Rehabilitation for patients before and after kidney and liver transplantation. Thomas Starzl Transplant Institution, University of Pittsburgh.
2. Wells, CL. (2000). Rehabilitation of patients with interstitial pulmonary fibrosis. Simon's Center, University of Pittsburgh. [http:// ipf.upmc.com](http://ipf.upmc.com)

Research Activity:

RELIANT: University of Maryland Medical System, Division of Cardiac Surgery, Artificial Heart Program: Data Collection for functional measures and outcomes.

Continuing Education Workshops Conducted/Organized:

1. Wells, CL. Differential Diagnosis Across the Life Span. University of Maryland, School of Medicine: Department of Physical Therapy and Rehabilitation Sciences, Baltimore, MD. (2007).
2. Wells, CL. Role of Rehabilitation for Patient on Long Term Mechanical Ventilatory Support. University of Maryland Medical System, University Specialty Hospital. Baltimore MD (2006)
3. Wells, CL., Basic EKG Interpretation and Clinical Implications. University of Maryland, School of Medicine, Department of Physical Therapy and Rehabilitation Sciences & University of Maryland Medical System, Department of Rehabilitation Science, Baltimore, MD. (2003 – present)
4. Grand Rounds. Update in Rehabilitation. University of Maryland, School of Medicine, Department of Physical Therapy and Rehabilitation Science. (2003 – 2006)

Membership in Scientific/Professional Organizations:

American Physical Therapy Association
Orthopedic Section
Cardiopulmonary Section
(Serve on the research and legislation committees and editorial board for the journal)
1989 - Present

National Athletic Trainers Association
1983 – Present

American Association of Critical Care Nurses
2006 - Present

Consultative and Advisory Positions Held:

Federation of State Boards of Physical Therapy. Standard Setting Physical Therapy Committee: member 2007. Contact hours (20)

National Kidney Foundation: Editorial Board: Transplant Chronicle. 2003-present

Cardiopulmonary Section; APTA: Research Committee. 1993- present

Editorial Review Board: Cardiopulmonary Physical Therapy Journal. 2002- present

Community Service:

Athletic training / Physical Therapy Services (2000- present) National Kidney Foundation:
Transplant Games, Team Pittsburgh

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

University of Maryland Medical System:

Professional Advancement Committee: 2006- present
Clinical Competency: Intensive Care Management: 2005-present
Clinical Competency: Basic Electrocardiogram Interpretation: 2003-present
Clinical Competency: Thoracic Surgery Pulmonary Care: 2003-present
Neurological Training Program: 2002 - present
Clinical Competency: Artificial Heart Devices: 2002 – present

Slippery Rock University:

Forum Committee: 2001-2002
Admission Committee: 2001-2002
Curriculum Committee: 2001-2002
Advisory Board: 1999-2002

University of Pittsburgh Medical System:

Research Forum: Division of Cardiothoracic Surgery: 1994-2002
Program Development: Department of Physical Therapy: Chair, 1994-1996
Clinical Training Program: Department of Physical Therapy: 1994-1996

Honors and Awards:

Appointment: Federation of State Board of Physical Therapy, 2007:
Member of PT NPTE Standard Setting Task Force

Keynote Speaker – Pinning Ceremony - 2007
Stockton State College
Department of Physical Therapy

Adjunct Faculty of the Year, 2006
University of Maryland School of Medicine
Department of Physical Therapy and Rehabilitation Science

Excellence in Education Award, 2005
University of Maryland Medical System, Department of Rehabilitation Services

Luiese Lynch Lectureship Recipient, 2005
Oklahoma State University
Oklahoma City, Oklahoma

Adjunct Faculty of the Year, 2005
University of Maryland School of Medicine
Department of Physical Therapy and Rehabilitation Science

Finalist for Health Care Hero Award, 2005
Sponsored by the Daily Record, Baltimore, MD

Excellence in Education Award, 2004
University of Maryland Medical System, Department of Rehabilitation Services

APTA Cardiopulmonary Research Award, 2004
Psychomotor Performance in Lung transplant recipients: Choice reaction time

Excellence in Education Award, 2003
University of Maryland Medical System, Department of Rehabilitation Services

APTA Cardiopulmonary Research Award: Cognitive function in lung transplant recipients,
2003

Clinical Educator Award - Chatham College, Pittsburgh, PA. 2001

APTA Cardiopulmonary Research Award, 1999
Clinical Considerations when using the 6 minute walk test to evaluate potential lung transplant candidates

APTA Cardiopulmonary Research Award, 1996
Relationship between the Physical Performance Test and the Sickness Impact Profile in patient with end stage lung disease waiting transplantation

Summa cum Laude – Stockton State College, Pomona NJ Program Distinction - Stockton State College, Pomona, NJ - 1991

Magna cum Laude - West Chester University, West Chester, PA - 1985

Continuing Education Attended: list only courses taken **within the last 5 years** that are **specifically related** to responsibilities in the entry-level program.

Reimbursement Issues and Assuring Compliance in Outpatient Physical Therapy: Baltimore MD (4.0) . October 2007.

Pharmacology in Rehabilitation: Focus on Cardiopulmonary, Endocrine, and Chemotherapeutic Drugs: Baltimore, MD (7.0), March 2007

Combined Section Meeting: APTA Boston, MASS, (23) Feb 2007

Evaluation and Treatment of the Thoracic Spine and Rib Cage; Boston, MASS (15) Feb 2007

Trends in Critical Care Nursing 2006. Valley Forge, PA (23.75) Sept 2006

If You Can't Breathe, You Can't Exercise, Teaching Assistant, Baltimore MD (19), May 2006

Combined Section Meeting: APTA San Diego, CA., (21), Feb 2006

Strain Counterstain I: Baltimore MD (20), June 2005

Symposium on Shoulder Dystocia and Brachial Plexus Injuries: Baltimore, MD, (16), May 2005
Combined Section Meeting: APTA New Orleans, LA., (24.5), Feb 2005
Rehabilitation Management in the NICU, (12), Oct 2004
Brachial Plexus Injuries: APTA of Maryland; Baltimore, MD., (4), May 2004
Combined Section Meeting: APTA Nashville, TN., (27.5), Feb 2004
Medical Screening for Physical Therapists; Nashville, TN. , (15), Feb 2004

Breathing Assist Techniques: Japanese approach to pulmonary care: Boston, MA, (10),
Sept 2003
Combined Section Meeting: APTA Tampa, FL., (23.5), Feb 2003
Combined Section Meeting: APTA Boston, MASS 20.0) Feb 2002
Management of Diabetes Mellitus: PESI Health Care Pittsburgh, PA., (6), Sept 2001
Combined Section Meeting: APTA San Antonio, TX , (20), Feb 2001
Heart Failure: PESI Health Care Pittsburgh, PA., (6), Sep 2000
Combined Section Meeting: APTA New Orleans, LA, (20), Feb 2000

Current Teaching Responsibilities in the Entry-level Physical Therapy Program (in sequence, by quarter or semester):

Clinical

DPTE 512: Professional Issues I: faculty: basic clinical assessment of vitals. Summer term: 3 credits Class size: 37 – 50. 2003 – present.

DPTE 516: Medical Issues I: faculty: clinical evaluation and intervention of the cardiopulmonary systems and acute care management of patients with various diseases and disorders across the life span. Spring term: 6 credits Class size: 38 – 50. 2003 – present.

DPTE 522: Musculoskeletal I: faculty: evaluation and rehabilitation of musculoskeletal system and acute care management of patients with traumatic orthopedic injuries across the life span. Fall term: 7 Credits Class size: 38 – 50. 2003 – present.

DPTE 524: Neuromuscular I: faculty: evaluation and rehabilitation of patients with various neurological pathologies across the life span Fall term: 7 Class size 38 – 50. 2003 – present.

DPTE 527: Neuromuscular II: faculty: evaluation and rehabilitation of patients with various neurological pathologies across the life span Fall term: 7 Class size 38 – 50. 2003 – present.

DPTE 521: Medical Issues II: faculty: implications of pulmonary dysfunction to the rehabilitation process for patients with soft tissue and oncology pathologies. Summer term: 6 credits Class size 38 - 50. 2005

Basic Science

DPTE 513: Basic Science II: adjunct faculty: Normal development of the cardiopulmonary system and introduction to EKG interpretation Fall term: 15 Credits Class size 50. 2005

DPTE 514: Basic Science III: adjunct faculty: clinical assessment of vitals, auscultation, wellness, graded exercise testing across the life span, and basic EKG interpretation. Spring term: 12 credits Class size: 38 – 50. 2003 – present.