

CURRICULUM VITAE

Name: Mark Richard Wiegand

Current Position: Associate Professor & Department Chairperson
Physical Therapy Program
Bellarmine University
Louisville, Kentucky 40205

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Louisville, Kentucky 40207-4343

Telephone: Home:(502) 894-9700
Work:(502) 452-8368

Birth Date: January 16, 1958

Birth Place: Fullerton, California

Date: March 2005

EDUCATION:

1984-1992 University of Louisville
Louisville, Kentucky
Doctor of Philosophy in Anatomical Sciences and Neurobiology (Sensory
System Development and Neuroplasticity)

1982-1983 University of Wisconsin-LaCrosse
LaCrosse, Wisconsin
Master of Science in Physical Education (Human Performance)

1979-1981 University of Kansas
Kansas City, Kansas
Bachelor of Science in Physical Therapy

1976-1979 Iowa State University
Ames, Iowa

LICENSURE:

Kentucky #1068

Indiana #1867

EMPLOYMENT:

- 2001-present Associate Professor, Department Chairperson and Program Director
Physical Therapy Program
Bellarmine University
Louisville, Kentucky
- 2001-present Adjunct Assistant Professor
Anatomical Sciences and Neurobiology, School of Medicine
University of Louisville
Louisville, Kentucky
- 1990-2001 Associate Professor
Physical Therapy Program, School of Allied Health Sciences
University of Louisville
Louisville, Kentucky
- 1992-1998 Private Practice Physical Therapy
Episcopal Church Home
Louisville, Kentucky
- 1991-1992 Home Health Physical Therapist
SpectraCare, Inc.
Louisville, Kentucky
- 1983-1990 Assistant Professor
Physical Therapy Program, Division of Allied Health Sciences
University of Louisville
Louisville, Kentucky
- 1985-1986 Contract Physical Therapist
Jefferson Manor Nursing Home
Louisville, Kentucky
- 1985 Home Health Physical Therapist
Visiting Nurses Association of Southeast Indiana
Jeffersonville, Indiana
- 1984-1985 Part-time, Staff Physical Therapist
Humana Hospital Audubon
Louisville, Kentucky
- 1982-1983 Graduate Assistant,
Physical Therapy Program
University of Wisconsin-LaCrosse
LaCrosse, Wisconsin

1982-1983 Contract Physical Therapist
Hillview Nursing Home,
LaCrosse, Wisconsin

1981-1982 Staff Physical Therapist
St. Joseph Hospital
St. Paul, Minnesota

PROFESSIONAL SOCIETY MEMBERSHIPS:

American Physical Therapy Association (APTA)
Orthopedic Section, APTA
Geriatric Section, APTA
Education Section, ATPA
Kentucky Physical Therapy Association
Sigma Xi Scientific Research Society

AWARDS, HONORS

2002 Outstanding Physical Therapist Service Award,
Kentucky Physical Therapy Association

SERVICE - PROFESSIONAL:

1993-present Manuscript Reviewer *Journal of Orthopedic and Sports Physical Therapy*

1991-2001 Abstract/Book Reviewer *Physical Therapy*

1987-1995 Research Committee Orthopedic Section
American Physical Therapy Association

1987-present Research Committee
Kentucky Physical Therapy Association

1993-1995 Chairman, Research Committee
Kentucky Physical Therapy Association

1992-1994 Membership Committee
Kentucky Physical Therapy Association

1988-1991 Nominating Committee
Kentucky Physical Therapy Association

1988-1990 Chairman, Nominating Committee
Kentucky Physical Therapy Association

1987-1990 Nominating Committee
Kentucky Physical Therapy Association

1985-1987 Chairman, Membership Committee
Kentucky Physical Therapy Association

SERVICE – BELLARMINE UNIVERSITY:

2005 Progress Report (coordinator, primary author)
Commission on Accreditation in Physical Therapy Education (CAPTE)

2004 Self Study Report (coordinator, primary author)
Commission on Accreditation in Physical Therapy Education (CAPTE)
10 year accreditation awarded

2003 – 2004 University Strategic Planning Committee

2003 Doctor of Physical Therapy Program Prospectus (primary author)
Southern Association of Colleges and Schools (SACS)

2003 Progress Report (coordinator, primary author)
Commission on Accreditation in Physical Therapy Education (CAPTE)

2002 Progress Report on Substantive Change (coordinator, primary author)
Commission on Accreditation in Physical Therapy Education (CAPTE)

2003-2004 Project Knight-Life
Office of Student Affairs

2003-present Chairperson, Admissions Committee
Physical Therapy Program

2001-present Program Director and Department Chairperson
Physical Therapy Program

2001-present Educational Affairs Committee

2001 – present Graduate Studies Committee

2001-present Faculty Advisor Pre-Physical Therapy Students (~50 students)

2001-2004 Freshman Focus Advisor – IDC 100

2001-2003 Co-chairperson, Information Technology Advisory Committee

2001-2003 Committee P of Educational Affairs

2002-2003 Chairperson, Committee P of Educational Affairs

SERVICE – UNIVERSITY OF LOUISVILLE:

1998-1999 Chair, Faculty Assembly
School of Allied Health Sciences

1997-1998 Chair-elect, Faculty Assembly
School of Allied Health Sciences

1996-1998 University of Louisville Center on Aging
Interdisciplinary Geriatric Team Training

1996-1997 Chairman, Ad Hoc Committee for Performance Based Salary Increase
Document Revision
School of Allied Health Sciences

1994-1996 Chairman, Personnel Committee
School of Allied Health Sciences

1994-1995 Ad Hoc Committee for Promotion, Tenure and Periodic Career Review and
Performance Based Salary Increase Document Revision
College of Health and Social Services

1994 Chairman, Grievance Committee
College of Health and Social Services

1993-2001 Physical Therapy Admissions Coordinator and Advisor
School of Allied Health Sciences

1993, 1998, 1999 University Distinguished Service Award Committee
University of Louisville

1992-1994 Grievance Committee
School of Allied Health Sciences

1992-1993 Chairman, Grievance Committee
School of Allied Health Sciences

1991-1993 Plans and Policies Committee
School of Allied Health Sciences

1989-1990 Secretary, Faculty Senate
Division of Allied Health

- 1983-1989 Curriculum Committee
Division of Allied Health
- 1984-1989 Area Health Education Center (AHEC) Coordinator for Physical Therapy
School of Medicine
- 1988 Professional Education Preparation Program (PEPP) for Physical Therapy
School of Medicine
- 1985-1988 Faculty Advisor Student Chapter of American Physical Therapy Association
(SULAPTA)
University of Louisville
- 1984-1986 Chairman, Curriculum Committee
Division of Allied Health
- 1986-1988 Faculty Personnel Committee
1984-1985 Division of Allied Health
- 1986-1988 Student Standards, Honors and Appeals Committee
Division of Allied Health

SERVICE – GRADUATE STUDENT COMMITTEES

- 1997-1999 Rhonda Mattingly, Ed.D. in Education (Dr. Stephen Miller, Chair)
- 1994-1995 Shannon Leigh Otto Woods, M.S. in Anatomical Sciences (Dr. Kathleen Kleuber, Chair)
- 1991-1992 Beth M. Boulet, M.S. in Exercise Physiology (Dr. Ann Swank, Chair)

SERVICE - COMMUNITY:

- 2005-2009 Kentucky State Licensure Board of Nursing Home Administrators
Frankfort, Kentucky
- 2002-2003 Confirmation Group Leader
Our Lady of Lourdes
Louisville, Kentucky
- 2000-2003 Adult Catechist Facilitator
Church of the Epiphany
Louisville, Kentucky

- 1999-2001 Eucharistic Minister
Church of the Epiphany
Louisville, Kentucky

- 1999 Principal Search Committee
Our Lady of Lourdes School
Louisville, Kentucky

- 1998-1999 SOLO Coordinator: Single Parents, Divorced and Separated Catholics
support group
Our Lady of Lourdes
Louisville, Kentucky

- 1997-2000 Assistant Track Coach
Our Lady of Lourdes School
Louisville, Kentucky

- 1995-1996 School Board Chairman
Our Lady of Lourdes School
Louisville, Kentucky

- 1994-1995 Board of Directors
St. Matthews Area Ministries
St. Matthews, Kentucky

- 1994 Chief Judge, District Governor's Cup Competition
Louisville, Kentucky

- 1994 Physical Therapy Consultant, Kentucky National Guard
Mud Creek Clinic
Mud Creek, Kentucky

- 1993-1996 School Board
Our Lady of Lourdes School
Louisville, Kentucky

- 1991-1992 Volunteer, Home of the Innocents
Louisville, Kentucky

- 1987-1989 Standards of Practice Revision Committee
Kentucky State Board of Physical Therapy

1986-1998 Jefferson Community College Physical Therapy Assistant
Program Advisory Committee
Louisville, Kentucky

SERVICE – COMMUNITY PRESENTATIONS:

- 1997-1998 Sigma Xi Festival of Science – “The Differently Abled Citizen”
University of Louisville
Louisville, Kentucky
- 1993 Muscles, Nerves and Movement, Our Lady of Lourdes School
Louisville, Kentucky
- 1993 Adventure Day - Handicap Awareness
Our Lady of Lourdes
Louisville, Kentucky
- 1992, 1994, 1995 The Nervous System
Our Lady of Lourdes School
St. Margaret Mary School
Louisville, Kentucky
- 1991, 1993, 1995 Bones and Movement,
Our Lady of Lourdes School
St. Joseph's Child Evaluation Center
Louisville, Kentucky
- 1986 Career Day, Manual High School
Louisville, Kentucky
- 1984 Career Day, Mercy Academy
Louisville, Kentucky

PROFESSIONAL PRESENTATIONS:

- 2005 The Transitional Doctor of Physical Therapy Program
Central District Meeting Kentucky Physical Therapy Association
Louisville, Kentucky
- 2002 Physical Therapy as a Doctoring Profession
Central District Meeting Kentucky Physical Therapy Association
Louisville, Kentucky
- 2001 My Experiences with Web-Enhanced Education
Creighton University
Omaha, Nebraska

- 2001 Balance and Aging
Indiana University
Indianapolis, Indiana
- 2000 Balance and the Elderly
Shenandoah University
Winchester, Virginia
- 1999 Aging of the Nervous System
Kentucky Physical Therapy Association - Spring Meeting
Lexington, Kentucky
- 1997 The Neuroanatomy and Physiology of Spasticity with Reference to the
Developing Nervous System
Spasticity Management: Pediatric and Adult: New Trends & Management
Baptist Hospital East
Louisville, Kentucky
- 1996 The Neuroanatomy and Physiology of Spasticity with Reference to the
Developing Nervous System
Kentucky Physical Therapy Association – Fall Meeting
Fort Mitchell, Kentucky
- 1996 Balance and the Elderly
Student Physical Therapy Association
University of Louisville
Louisville, Kentucky
- 1992 Development and Plasticity of the Rat Corticotrigeminal Projection
Fall Meeting, Kentucky Physical Therapy Association
Fort Mitchell, Kentucky
- 1991 Invited Speaker - The Retirement of Professor Ruth Blanchard
Physical Therapy Education Program
University of Kansas
Kansas City, Kansas
- 1990 Normal and Prosthetic Gait Mechanics
Prosthetic Symposium, Baptist Hospital East
Louisville, Kentucky
- 1984 Biomechanics of Running
Central District, Kentucky Chapter, APTA
Louisville, Kentucky

CONTINUING EDUCATION COURSES TAUGHT

- 1999 The Nervous System – A Refresher Course
Western Baptist Hospital
Paducah, Kentucky

- 1999 Aging of the Nervous System
Mississippi Physical Therapy Association Fall Conference
Jackson, Mississippi

- 1998 The Aging Neuromusculoskeletal System
Tennessee Physical Therapy Association – Fall Meeting
Nashville, Tennessee

- 1998 Anatomy and Kinesiology of the Shoulder Complex
Southern Indiana Physical Therapy Director's Forum
New Albany, Indiana

- 1993 Upper Limb Anatomy for Physical and Occupational Therapists
University of Louisville
Louisville, Kentucky

- 1992 Lower Limb Anatomy for Physical and Occupational Therapists
University of Louisville
Louisville, Kentucky

COURSES ORGANIZED:

- 1988 Combined University of Kentucky/University of Louisville Clinical
Educators Symposium
Louisville, Kentucky

- 1986 Combined University of Kentucky/University of Louisville Clinical
Educators Symposium
Lexington, Kentucky

- 1984 Radiographic Assessment for Physical Therapy
University of Louisville, Louisville, Kentucky

REFEREED/PUBLISHED ABSTRACTS:

P. Gillette P, Borders K, Faul A, Nicholas L, Rowan N, Wiegand M, Yankelov P. Evidence-Based PT & SW Geriatric Assessment & Self-Management. Summer Institute on Evidence-Based Practice: Infusing Quality into Practice, University of Texas Health Science Center, San Antonio, TX 2005.

Boyce DA, Brosky JA, Wiegand MR and Bosley G. An American educational experience in Australia. American Physical Therapy Association Combined Sections Meeting, Nashville, Tennessee 2004.

Wiegand, MR and Urbscheit, NL. The effect of two balance training programs on balance scores in elderly, ambulating persons. American Physical Therapy Association Combined Sections Meeting, Dallas, Texas 1997.

Woodward, M, Medley, M, Hughes, L, Walker, PW and Wiegand, MR. Patient activity level and foot orthotic satisfaction. American Physical Therapy Association Conference, Boston, Massachusetts 1991.

Wiegand, MR and Price C. The Area Health Education Center (AHEC) experience: Physical therapy clinical education in Kentucky. American Physical Therapy Association Conference, Anaheim, California, 1990.

Wiegand, MR, Veigl, V, Finn, ME and Trueblood, BE. The effects of topical application of cold on concentric and eccentric muscle strength. American Physical Therapy Association Conference, Anaheim, California, 1990.

Wiegand, MR and Renehan, WE. Early postnatal development of the rat corticotrigeminal tract. Society for Neuroscience, St. Louis, Missouri 1990. (*Neuroscience Abstracts* 16:XXX, 1990)

Renehan, WE, Wiegand, MR, Stansel, SS and Jacquin, MF. Effects of neonatal infraorbital nerve section on the corticotrigeminal projection (CTP) in rat. Society for Neuroscience, St. Louis, Missouri 1990. (*Neuroscience Abstracts* 16:XXX, 1990)

Wiegand, MR, Jacquin M, and Renehan, WR. Identification and characterization of a rat corticotrigeminal projection using Phaseolus vulgaris leucoagglutinin (PHA-L). American Association of Anatomists, New Orleans, Louisiana, 1989 (*Anatomical Record*, 223(4):123A, 1989)

Wiegand, MR, Renehan, WE, Stansel, S, and Jacquin, MF. Corticotrigeminal axons and their role in interpolaris receptive fields. Society for Neuroscience, Phoenix, Arizona 1989 (*Neuroscience Abstracts* 15:388, 1989)

Foster, TB, Hoke, BR and Wiegand, MR. Effect of Cybex II Johnson anti-shear device on torque after anterior cruciate injury. American Physical Therapy Association Conference, 1986. (*Physical Therapy*, 65(5):769-770, 1986)

Wilder, PA, Wiegand, MR, Ballweg, K, Peters, C, Groshek, C and Rhiner, J. Gait development of normal 3, 4, and 5 year old children. American Physical Therapy Association Conference, 1983. Physical Therapy, 63(5):782, 1983

REFEREED PAPERS AND ARTICLES:

Wiegand MR & Gillette PD. Outcomes of a problem-based and experiential learning model in a physical therapy professional issues course. Submitted to *The Kentucky Journal of Excellence in College Teaching and Learning*. (in press)

Gillette, PD Wiegand, MR, and Urbscheit, NL. A unique approach to teaching a professional issues course in physical therapy education. *The Kentucky Journal of Excellence in College Teaching and Learning*. May 2004. http://www.uky.edu/TASC/facultydev/JournalNEW/2004Archive/gillette_et_al.pdf.

Wiegand, MR. *Orthopedic Neurology*. In Orthopedic Secrets, Plazack JD & Boyce D eds. Philadelphia: Hanley & Belfus, 2001.

Urbscheit, NL and Wiegand MR. Effect of two Exercise Programs on Balance Scores and Fall Incidence in Ambulatory Elderly. *J Phys Occup Ther in Geriatrics*, 19(4) 2001.

Jacquin, MF, Wiegand, MR and Renehan, WE. Structure-function relationships in rat brainstem subnucleus interpolaris: VIII. Cortical inputs. *Journal of Neurophysiology*, 64:1, July 1990.

NON-REFEREED PAPERS AND ARTICLES:

Wiegand, MR. The Bellarmine PT Report. *Kentucky Physical Therapy Association Newsletter* 42(4) 2001.

Wiegand, MR. First Bellarmine Physical Therapy Class. *Kentucky Physical Therapy Association Newsletter* 42(2) 2001.

Wiegand, MR and Urbscheit, N. Follow the Bouncing Ball. *Echo - Episcopal Church Home Opus*, 6(4):4, 1995.

Wiegand, MR. Research Consumerism. *Physical Therapy Orthopedic Practice*, 7(4):11, 1995.

Wiegand, M. Physical Therapy at the Episcopal Church Home. *Echo - Episcopal Church Home Opus*, 4(3):2, 1993.

OTHER:

Textbook Reviewer for FA Davis Publishers. Tovin BJ & Greenfield, BH. Evaluation and Treatment of the Shoulder. An Integration of the Guide to Physical Therapist Practice. Philadelphia: FA Davis, 2001.

Wiegand, MR & Hensley, M. *Richard H. Swigart Spinal Cord and Brainstem Atlas*. An internet based interactive atlas of cross sectional anatomy of the human brainstem and spinal cord. This site is extensively linked by other universities. <http://lansing.bellarmino.edu/pt/atlas/cover.html>

PUBLISHED BOOK REVIEWS

Clinical Biomechanics by Z. Dvir. *J Orthop Sports Phys Ther* 32:132, 2002.

Leibmann's Neuroanatomy Made Easy and Understandable (6th ed), Gertz, SD. *Phys Ther*, 80:204, 2000.

Neuroscience - Fundamentals for Rehabilitation by L. Lundy-Eckman. *J Orthop Sports Phys Ther*, 29:362, 1999.

Joint Structure and Function; A Comprehensive Analysis. Norkin CC and LeVangie PK. *Phys Ther* 1993.

Cross Sectional Anatomy for Acupuncture, Chen E. *J Orthop Sports Phys Ther* 1996

Progress in Brain Research: Molecular and Cellular Mechanisms of Neuronal Plasticity in Normal Aging and Alzheimer's Disease. Coleman PD, Higgins GA and Phelps CH. *Phys Ther*. 1989.

THESIS:

1992 The Characterization, Development and Plasticity of the Rat Corticotrigeminal Pathway.
PhD in Anatomical Sciences and Neurobiology
University of Louisville.

1983 A Kinematic Study of Gait Patterns in Healthy, Elderly Women.
MS in Physical Education
University of Wisconsin-LaCrosse.

GRANT ACTIVITY:

2004 Kentucky Community-Based Geriatric Interdisciplinary Training and Self-Management Project; Anna C. Faul, PhD, Project Director, Kent School of Social Work, University of Louisville
Department of Health and Human Services, Health Resources and Services Administration, Allied Health Grant Program. \$769,810 (funded)
Project team member

1999 Assessment Learning Outcomes – With Nancy Urbscheit and Patricia Gillette
University of Louisville Faculty Development Initiative \$1500 (funded)

1999 Sensorimotor Stimulation to Reduce Spasticity in Patients with Spinal Cord Injury - with Nancy Urbscheit
Kentucky Brain and Spinal Cord Injury Trust Fund \$277,000 (not funded)

- 1996 The Effect of Two Balance Training Programs on Balance Scores in Elderly Ambulating Persons – with Nancy Urbscheit
Kentucky Physical Therapy Association \$1,400 (funded)
- 1995 Clinical Faculty Development Grant
Alliant Health Systems
Louisville, Kentucky, \$9,000 (funded)
- 1994 The Effect of Two Balance Training Programs on Balance Scores in Elderly Ambulatory Persons
Graduate Research Council
University of Louisville, \$1,920 (funded)
- 1989 Physical Therapy Cooperative Education Program,
Office of Student Development,
University of Louisville, \$900.00 (funded)
- 1986 Faculty Development Mini-Grant "Combined UK/ U of L Clinical Educators Symposium"
University of Louisville, \$400.00 (funded)
- 1984 Faculty Development Mini-Grant "Radiographic Assessment for Physical Therapy"
University of Louisville, \$585.00 (funded)

CURRENT TEACHING RESPONSIBILITIES, BELLARMINE UNIVERSITY:

- IDC 101 Freshman Seminar (3 credits)
- BIO 513 Clinical Correlation in Gross Anatomy (1 credit)
- BIO 515 Gross Anatomy Dissection (4 credits)
- PT 540 Functional Anatomy (4 credits)
- PT 545 Neuroscience (4 credits)
- PT 670 Management (3 credits)
- PT 750 Graduation Seminar (2 credits)

PAST TEACHING RESPONSIBILITIES, BELLARMINE UNIVERSITY:

IDC 100 Freshman Focus (1 credit)

PT 550 Histology (1 credits)

PT 580 Gerontology (2 credit)

CURRENT TEACHING RESPONSIBILITIES, UNIVERSITY OF LOUISVILLE:

BMSC 800 School of Dentistry
Clinical Correlation - Carpal Tunnel Syndrome
First Year Dental Students

ANAT 615 School of Medicine:
Neurosciences - Freshman Medical Students – 8.5 credits

PAST TEACHING RESPONSIBILITIES, UNIVERSITY OF LOUISVILLE

BSC 311/BSC 510 Gross Anatomy Dissection for Physical Therapy -4 credits

PT 320/PT 540 Kinesiology (Functional Anatomy) – 3 credits

PT 550 Histology for Physical Therapy – 1 credit

PT 580 Gerontology – 1 credit

PT 345/PT 545 Neuroscience for Physical Therapy – 4 credits

PT 502 Research I – 1 credit

PT 330 Evaluation Procedures I - 4 credits

PT 313 Clinical Education I - 1 credit

PT 318 Clinical Education II - 2 credits

PT 401 Cooperative Education - 1-6 credits

PT 410 Clinical Education III - 2 credits

PT 418 Clinical Education IV - 8 credits

PT 415 Seminar in Physical Therapy – 1 credit

PT 461 Research in Physical Therapy – 3 credits