

CURRICULUM VITAE

Joan S. Gunther PT PhD CVT
4380 Main St. Box 624
Amherst, NY 14226
716-839-8411
Department of Physical Therapy
Daemen College

Education:

Children's Hospital School of Physical Therapy
Los Angeles, CA
Physical Therapy Certificate
1985

University of California
Los Angeles, CA
1969 – 1975
Psychology
Doctor of Philosophy

University of California
Los Angeles, CA
1967 - 1969
Psychology
Bachelor of Arts

University of California
Riverside CA
1964 – 1967

Advanced Certification

Certification in Vestibular Rehabilitation (Susan Herdman)
1998

Licensure Information/Registration Number:

New York
License: 4918767

Employment and Positions Held:

Associate Professor of Physical Therapy, Tenured
Daemen College
Amherst, NY
1989 – Present

Per Diem Physical Therapist
Beechwood Continuing Care
Getzville, NY
2002 – Present

Vestibular Rehabilitation Specialty Practice
Sheridan Orthopedic Physical Therapy
Kenmore, NY
1993-1998

Vestibular Rehabilitation Specialty Practice
Health Care Plan
Buffalo, NY
1996-1998

Millard Fillmore Outpatient Clinic
Buffalo, NY
Varied outpatient caseload.
1991-1992

Associated Physical Therapy
Kenmore, NY
Varied outpatient caseload; pediatric school-based therapy.
1988-1991

Kaiser Permanente Medical Center
West Los Angeles, CA
Acute care and outpatient physical therapy.
1986-1988

Glendale Adventist Medical Center
Glendale, CA
Acute care.
1985-1988

Peer Reviewed Publications:

Gunther JS, Kolodziej TA, Sakamoto Y, Nyquist K. Validity of the standardized walking obstacle course as a functional measurement tool for frail elderly nursing home residents. *Manuscript in Preparation*. 2006

Gunther JS, Taylor MJ, Karuza J, Calkins E. Physical therapist-based group exercise / education program to improve functional health in older health maintenance organization members with arthritis. *J Geriatr Phys Ther*. 2003;26:12-17.

Franjoine, MR, Gunther JS, Taylor, MJ. The pediatric balances: a modified version of the Berg Balance Scale for children with mild to moderate impairment. *Pediatr Phys Ther*. 2003;152; 14–128.

Taylor MJ, Gunther JS. Standardized walking obstacle course: preliminary reliability and validity of a functional measurement tool. *J Rehabil Outcomes Meas*. 1998; :15-25.

Gunther JS, Letinski M. Structure of motor-nerve terminals in chickens with hereditary muscular dystrophy. *Muscle and Nerv.* 1985;8:568-575.

Gunther JS, Letinski M. A preparation for studying dystrophic avian muscle and neuromuscular junctions. *Muscle and Nerve.* 1982;5: -13.

Bryan (Gunther) JS, Krasne FB. Presynaptic inhibition—mechanism of protection from habituation of crayfish lateral giant fiber escape response. *J Physiology London.* 1977;271:369-390.

Bryan (Gunther) JS and Krasne FB. Protection from habituation of crayfish lateral giant fiber escape response. *J Physiology London.* 1977;271:351-368.

Krasne, FB, Bryan (Gunther) JS. Habituation: regulation through presynaptic inhibition. *Science.* 1973;182:590-592.

Peer Reviewed Scientific and Professional Presentations (*abstract listed below):

Gunther JS, Kolodziej TA, Bish C, Tiberi J. Test-retest and interrater reliability of two postural measures in post-menopausal women with osteoporosis. American Physical Therapy Association Combined Sections Meeting. San Diego Ca. Poster presentation. February 2, 2006.

Gunther JS, Kolodziej TA, Nyquist K, Sakamoto Y. Validity of the standardized walking obstacle course (SWOC) as a functional balance and mobility assessment tool in frail elderly persons. American Physical Therapy Association Combined Sections Meeting. Tampa FL. Poster Presentation. February 2003.

Walsh L, Gunther JS. A comparison of use of resources and performance on the national physical therapy exam. American Physical Therapy Association Combined Sections Meeting. Tampa FL. Poster Presentation. February 2003.

Gunther JS. Functional balance assessment in older individuals. Geriatric Education Center, Geriatric Grand Rounds, University of Rochester / Monroe Community Hospital. Rochester NY. May 18, 1999.

Gunther JS. Vestibular training and prevention of falls in the elderly. One day course jointly taught with Dr. Patricia Miller. Sponsored by the Columbia University Geriatric Education Center. Isabella Geriatric Center NY. June 11, 1977.

Franjoine MR, Gunther JS, Taylor MJ. The Pediatric Balance Scale: a modified version of the Berg scale for children with mild to moderate motor impairment. Annual Conference of the New York Physical Therapy Association. Rye Brook NY. October 18-20, 1996.

Kolodziej TA, Gunther JS. Preventing functional decline of frail elderly persons living in an adult care residence. New York State Chapter American Physical Therapy Association Conference. Ryebrook NY. October 1996.

Gunther JS. An eclectic approach to balance and falls in the frail elderly. Presented at: Foundation for Long-Term Care. Albany NY. December 9-10, 1996.

Posner-Mayer J, Gunther JS. Co-presenters. Therapeutic applications using the Swiss ball. The Queen Elizabeth Hospital. Toronto ON, Canada. March 3-4, 1995.

Gunther JS. The effect of physical therapy on physical function and health quality of life in elderly individuals with arthritis. International Conference on Ageing and Physical Activity. Colorado Springs Co. October 5-8, 1995.

Brogan MS, Gunther J. co-presenters. An eclectic integrated approach to clinical education. Daemen College. Amherst NY. May 3, 1993.

Abstracts:

Gunther JS, Taylor M, Karuza J, Calkins E. Outcome of dynamic system exercise class for older adults with arthritis [abstract]. *The Gerontologist*. 1996;36:54.

Non-Peer Reviewed Publications:

Gunther JS, Taylor MJ. A motor control rationale for the therapeutic use of the Swiss ball. In Posner-Mayer J (Ed). *Therapeutic Use of the Swiss Ball*. Denver: Ball Dynamics. 1994.

Non-Peer Reviewed Presentations:

Gunther JS. Vestibular Rehabilitation. Audiology Grand Rounds, Center for Hearing & Deafness / Hearing Research Laboratories. Department of Communicative Disorders & Sciences, University at Buffalo, The State University of New York . August 2002.

Exercise and successful aging. Presented at: Nineth Annual Symposium on Aging. Buffalo N. April 30, 1996.

Research Activity:

Awarded Summer Stipend to pursue research on the Standardized Walking Obstacle Course. Daemen College. 2005.

Continuing Education Workshops Conducted/Organized:

Gunther JS. Vestibular Examination, Evaluation and Treatment. Presented a one-day course at CNY Physical Therapy and Aquatic Centers. Camillus NY. July 2005.

Gunther JS. Clinical Management of Dizziness: Vestibular Rehabilitation. Daemen College; June 25-26, 2005.

Gunther JS. Topics in Osteoporosis. Information for Community Members and Healthcare Professionals. Presented Evidenced-Based Evaluation and Treatment. Daemen College. Amherst NY. August 7-8, 2002.

Gunther JS. Vestibular Rehabilitation, presented as part of a course entitled:

Managing Dizziness and Balance Disorders. A Multidisciplinary Seminar.
March 10, 2001.

Gunther JS. Vestibular anatomy and physiology. Presented at: Clinical Management of Dizziness: Vestibular Rehabilitation. A one and a half day symposium coordinated and marketed by J. Gunther. 1996-1998.

Membership in Scientific/Profesional Organizations:

Member of American Physical Therapy Association. 1993 – present.
Current Section membership: Geriatrics.

New York State Physical Therapy Association
1993 - present

Consultative and Advisory Positions Held:

Advisory Board Beechwood Continuing Care. Getzville NY.

Community Service:

St. Paul's Parish coordinator of the Episcopal Community Services Annual Fund Drive.
2002-2003.

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

Member of Committee on Interdisciplinary Studies. Daemen College. 2006-2008.

Chair of Educational Policy Committee. Daemen College. 2005-2006.

Member of Educational Policy Committee. Daemen College. 2004-2005.

Member of Self-Study Report, Focal Group V: Faculty and the Core Curriculum.
Daemen College. 2004-2005.

At-large member. Graduate Academic Standards Committee. Daemen College. 2003-present.

Member of Committee on Interdisciplinary Studies (CIS). Daemen College. 2002-2003.

Coordinator of IND 101 (First-year experience course) in Daemen College's new core curriculum, 2003.

Chair of Educational Policy Committee. Daemen College. 1998-2000.

Member of Promotion and Tenure Committee. Daemen College. 1999-2000.

Earlier college service information is available upon request.

Honors and Awards:

Summer research stipend. Daemen College. 2002.

Muscular Dystrophy Association of America Postdoctoral Fellowship. 1978-79.

U.S. Public Health Service Postdoctoral Fellowship. 1975-77.

National Institutes of Health Predoctoral Trainee. 1971-73.

U.S. Public Health Service Predoctoral Fellowship. 1969-71.

Cum laude. University of California at Los Angeles CA. 1969.

Continuing Education Attended:

New CAPTE Evaluative Criteria: Evidence for Clinical Education. American Physical Therapy Association Combined Sections Meeting. San Diego CA. Feb. 10, 2006. (.3 CEUs).

Self-study workshop. San Diego Ca. January 30-February 1, 2006.

The first step to active health: physical activity for older adults.
Annual Conference and Exposition of the American Physical Therapy Association.
Boston MA. June 8-June 11, 2005.

Pharmacology for Physical Therapists. Charles Ciccone. APTA Annual Conference,
June 18-22, 2003. Washington DC.

Combined Sections Meeting of the APTA. Attended a variety of platform sessions on
neuroplasticity. Tampa, Fla. Feb. 12-15, 2003.

Osteoporosis: a comprehensive treatment strategy, with Sara Meeks, PT, GCS.
Daemen College. Amherst NY. Dec. 2-3, 2000 (I attended the course and served as
course facilitator on our campus.

Osteoporosis: a comprehensive treatment strategy, with Sara Meeks, PT, GCS.
Fort Lauderdale FL. July 15-16, 2000.

Continuing education prior to 2000 available upon request.

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

Pre-professional Phase

PT 312 Principles of Teaching and Learning

First Year Professional Phase, spring semester

BIO 541/L Neurobiology I

Second Year Professional Phase, fall semester

BIO 542/L Neurobiology II

PT 532 Motor Control and Motor Learning

Fall 2008

PT 551 Integrative Seminar in Physical Therapy III
PT 553 Introduction to Clinical Research Design

Second Year Professional Phase, spring semester
PT 545/L Neuromuscular Rehabilitation II
PT 554 Clinical Research I

Third Year Professional Phase, fall semester
PT 555 Clinical Research II

Third Year Professional Phase, spring semester
PT 680 Clinical Internship III