

Nora A. Riley, PT, MA, NCS
Assistant Professor
Physical Therapy Department
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Education: University of Iowa
Iowa City, IA
2003 – In progress
PhD - Rehabilitation Sciences

University of Iowa
Iowa City, IA
1999
MA – Physical Therapy

St. Louis University
St. Louis, MO
1994
BS – Physical Therapy

Licensure Information / Registration Number:

Licensure – Physical Therapy
1994 to Present – Iowa #02130

Certifications:

- ABPTS Neurologic Clinical Specialist, 2001
- Certification in Neurodevelopmental Treatment of Adult Hemiplegia, 1999
- Completion of Vestibular Rehabilitation Competency Course, 1999

Employment and Positions Held:

Academic: Assistant Professor
Physical Therapy Department
St. Ambrose University
Davenport, IA
08/2003 to Present
Adjunct Assistant Professor
Physical Therapy Department
St. Ambrose University
Davenport, IA
07/1998 – 07/2003

Lecturer
Physical Therapy Department
St. Ambrose University
Davenport, IA
01/1995 – 05/1998

Professional/Non-Academic:

Per Diem Physical Therapist
Genesis Visiting Nurses Association
Bettendorf, IA
06/01/07 – to present

Per Diem Physical Therapist
Genesis Outpatient Rehabilitation
Bettendorf, IA
08/01/03 – to present

Physical Therapist
Genesis Outpatient Rehabilitation
Bettendorf, IA
06/02/94 to 08/01/03

Peer Reviewed Publications:

Riley, NA, Bilodeau, M., Changes in upper limb joint torque patterns and EMG signals with fatigue following a stroke. *Disability & Rehabilitation*, 2002, 24(18): 961-969

Bilodeau, M., Houck, J., Cuddeford, T., Sharma, S., Riley, NA, Variations in the relationship between the frequency content of EMG signals and the rate of torque development in voluntary and elicited contractions. *Journal of Electromyography and Kinesiology*, 2002, 12:147-155

Riley, NA, Bilodeau, M., Gaitonde S Contribution of Central and Peripheral Mechanisms to Fatigue Following a Stroke *Neurorehabil Neural Repair*, 1999; 13:35

Peer Reviewed Scientific and Professional Presentations:

Frank LM, Riley NA, Swanson C, Trapkus J. Pilot Study: Are Visual Markers in the Home Environment Effective in Improving Parkinsonian Gait? APTA Combined Sections Meeting, Nashville, Tennessee, 02/2004

Riley NA, Bilodeau M, Gaitorade SS. Contribution of central and peripheral mechanisms to fatigue following a stroke. 2nd World Congress in Neurological Rehabilitation, Toronto, Ontario, Canada (Master's Thesis), 04/1999

Bilodeau M, Riley NA, Jactonde SS. The relationship between EMG power spectrum statistics and the rate of rise in torque during electrical stimulation of elbow flexor muscles. Twelfth ISEK

Congress, Montreal, Quebec, Canada, 06/1999

Non-Peer Reviewed Presentations:

Speaker, Introduction to Vestibular Rehabilitation, Examination and Intervention of Balance and Dizziness Disorders, Iowa Chapter APTA, Fall Conference, Council Bluffs, IA, 10/2008

Speaker, Evaluation and Treatment of Vestibular Disorders, Professional Therapy Services, Peoria, IL, 01/2003

Speaker, Vestibular Rehabilitation, Balance training program at Genesis Medical Center, Davenport, IA, 12/2002

Speaker, Evaluation and Treatment of Vestibular Disorders, Iowa City, IA, 11/2001

Assistant Speaker, Evaluation and Treatment of Balance Disorders, Iowa Chapter APTA, Fall Conference, Council Bluffs, IA, 10/2001

Speaker, Vestibular Rehabilitation: Evaluation and Treatment of Vestibular Disorders, Genesis Medical Center, Davenport, IA, 08/2001

Speaker, Vestibular Rehabilitation, Balance training program at Genesis Medical Center, Davenport, IA, 01/1999, 06/1999

Speaker, Vestibular Rehabilitation, Iowa Chapter APTA, Fall conference, Dubuque, IA, 09/25-26/1998

Membership in Scientific/Professional Organizations:

- Member, APTA, 1992 to Present
- Member, Neurology Section, APTA, 1995 to Present
- Member, Iowa Chapter, APTA, 1995 to Present
- Member, Missouri Chapter, APTA, 1992 - 1994
- Vice President / Support Group, chair person of the Quad Cities, Brain Injury Association, 08/1995 - 12/1997
- Group leader / organizer, Stroke Support Group, Genesis Medical Center, Davenport, IA, 08/1994 - 12/1997

Community Service:

- Volunteer, Holy Family Church, 1999-2004
- Volunteer, St. Paul the Apostle Catholic School, 2004 to present
- Active Member, St. Paul the Apostle Parish, 2004 – to present
- Member, QC Stroke Support Group, 06/94 – 08/99
- Member, QC Brain Injury Association, 06/94 – 08/99

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

- Chair, Curriculum Committee, St. Ambrose University, 08/07 to Present
- Member, Curriculum Committee, Physical Therapy Department, St. Ambrose University, 08/02 to Present
- Member, HLC subgroup addressing criterion #3 - “student learning and effective teaching”, 09/05 to Present
- Member, Admissions Committee, DBA program, St. Ambrose University, 01/05 to Present
- Member, Faculty Committee, Physical Therapy Department, St. Ambrose University, 07/98 to Present
- Chair, Board of Studies, 08/07-06/08
- Member, Board of Studies, 08/06 – 06/07
- Member, University Committee, St. Ambrose University, Board of Studies, 08/06-06/08
- Member, Search Committee, Nursing Program, St. Ambrose University, 06/04-08/04
- Member, Admissions Committee, Physical Therapy Department, St. Ambrose University, 01/00-08/02

Honors and Awards:

- Therapists of the year, 2001-2002
- AMBUCS, Quad Cities River BUCS

Continuing Education Attended:

- Pharmacology in Rehabilitation, Davenport, IA, 08/08
- Evidence-Based Practice Symposium, Davenport, IA, 04/08
- IIISTEP conference, Salt Lake City, Utah, 07/05
- Promoting Trunk Stability and Mobility Utilizing PNF, Davenport, IA, 05/08/04
- Topics in Physical Therapy – Neurology, Home Study Course, 02/04
- CSM Neurology and Education programming, Nashville, TN, 02/04
- Partial Weightbearing Gait and Balance Therapy: Theory, Rationale, and Clinical Application, Davenport, IA, 07/01
- CSM Neurology programming, San Antonio, TX, 02/01
- Neuroanatomical Dissection: Human Brain and Spinal Cord, Milwaukee, WI, 07/00
- NDT / Bobath Three-Week course in the Treatment of Adults with Hemiplegia, Davenport, IA, 05/99 and 08/99
- Vestibular Rehabilitation: A Competency-Based Course, University of Miami, Miami, FL, 03/99
- Physical Therapy Management of the Spinal Cord Injured Patient, RIC, Chicago, IL, 02/99
- Vestibular Rehabilitation, IPTA Fall Conference, Dubuque, IA, 09/98
- Leadership in the Profession, St. Ambrose University, Davenport, IA, 09/98
- Management of Dizzy and Balance Disorder Patient, University of Michigan, Ann Arbor,

MI, 04/98

Current Teaching Responsibilities in the Entry-level Physical Therapy:

St. Ambrose University

- DPT 520 – Pathology and Medical Management, Guest
- DPT 540 – Neuroanatomy and Neurophysiology
- DPT 590 – Pharmacology in Rehabilitation
- DPT 630 – Neuromuscular Therapeutics
- DPT 760 – Physical Therapy Procedures II
- DPT 795 – Examination and Intervention, Guest
- DPT 820 – Differential Diagnosis, Guest

Teaching Activities (Other)

- Lecturer, Clarke College, Dubuque, IA, 10/99