# **CURRICULUM VITAE**

(May 15, 2009)

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#### **EDUCATION**

#### **UNDERGRADUATE**

University of North Carolina, Chapel Hill, NC, Bachelor of Science in Physical Therapy 1972-77

#### **GRADUATE**

University of North Carolina, Chapel Hill, NC, Master of Science in Physical Therapy (Therapeutic Exercise - Major, Administration and Biomechanics - Supporting Areas), 1979-82

North Carolina State University, Raleigh, NC, Doctor of Education in Adult and Community College Education, 1983-1988

Boston University, Boston, MA, Doctor of Physical Therapy, 2004-2007

## **EMPLOYMENT**

INSTITUTION: University of Connecticut, Storrs, CT

TITLE: Associate Professor (1987 - 1993), Professor (1993 - present)

Responsible presently for teaching in graduate courses on the Fundamentals of Physical Therapy Examination (PT 5450), Acute Care Management (PT 5451), Neuropathology (PT224), and Clinical Research for Physical Therapists (PT 5441). Provider of service in the areas of committee membership (Departmental PT&R, Chancellor's Library Advisory Committee) and graduate student advising. Provider of clinical services to the Nayden Clinic. Interim Director of the Physical Therapy Program, 1995 to 1997, 2006.

INSTITUTION: EnduraCare

TITLE: Per Diem Therapist (2008)

Responsible for provision of rehabilitation services for adults residing in an extended care facility.

INSTITUTION: Innovative Senior Care TITLE: Per Diem Therapist (2008)

Responsible for provision of rehabilitation and prevention services for older adults residing in senior living settings.

INSTITUTION: Eastern Rehabilitation Network, Hartford, CT

TITLE: Per Diem Therapist (1999 - 2004)

Responsible for coverage of acute care and rehabilitation patients, primarily at Hartford Hospital.

INSTITUTION: Hartford Hospital, Hartford, CT

TITLE: Senior Scientist, Institute for Outcomes Research/Research Administration (1999 - 2004) Responsible for designing projects, performing statistical analysis, and writing research reports.

INSTITUTION: Hartford Hospital, Hartford, CT

TITLE: Per Diem Therapist/Coordinator for Clinical Research, Department of Rehabilitation (1989 - 1998) Responsible for coverage of acute care and rehabilitation patients. Coordinator responsible for departmental information utilization and research.

INSTITUTION: Hebrew Home and Hospital, West Hartford, CT

TITLE: Per Diem Physical Therapist (1996 -1998)

Responsible for evaluating, treating, and instructing patients in a home care setting. Most patients were frail elderly.

INSTITUTION: Community Visiting Nurse and Home Care, West Hartford, CT

TITLE: Contract Physical Therapist (1994 - 1997)

Responsible for evaluating, treating, and instructing patients in a home care setting.

INSTITUTION: Olsten-Kimberly Quality Care, Farmington, CT

TITLE: Physical Therapist (1994 - 1995)

Responsible for evaluating, treating, and instructing adult patients in home setting. Most patients were neurologically and orthopedically involved.

INSTITUTION: University of Connecticut Health Center, Farmington, CT

TITLE: Per Diem Therapist (1988 - 1989)

Responsible for weekend coverage of medical - surgical patients. Duties primarily included chest physical therapy and mobility and gait training.

INSTITUTION: Cape Fear Valley Medical Center, Fayetteville, NC

TITLE: Chief Physical Therapist (1983 - 1987)

Responsible for directing the 14,000 square foot physical therapy department of a 60-bed regional rehabilitation center which also provided services to an adjoining hospital of 420 beds. Duties consisted primarily of supervising more than 30 staff members, program planning, marketing, staff development, quality assurance, budgetary management (fiscal year 1985/1986 revenue = \$1,995,000, expenses - \$606,000), research, clinical education and patient care. Participated on several hospital committees and task forces.

INSTITUTION: University of Illinois Hospital, Chicago, IL

TITLE: Chief Physical Therapist/Assistant Professor (1982)

Responsible for directing physical therapy department in 480-bed acute care and rehabilitation teaching hospital. Duties consisted primarily of supervision of 18 staff members, research, procedure, and program development, quality assurance, productivity and budgetary monitoring, clinical teaching, and patient care. Taught in BS-PT program.

INSTITUTION: Wake County Health Department, Raleigh, NC

TITLE: Contract Physical Therapist (1981 - 1982)

Responsible for evaluating, treating, and instructing patients in home setting. Most patients were neurologically involved (CVA, spinal cord injury).

INSTITUTION: North Carolina Memorial Hospital, Chapel Hill, NC

TITLE: Physical Therapist - part-time (1981)

Responsible for weekend coverage of medical-surgical patients. Duties primarily included chest physical therapy and wound care. Other duties included evaluation and treatment of neurologic and orthopedic patients.

INSTITUTION: Governor Morehead School for the Blind, Raleigh, NC

TITLE: Physical Therapist I - part-time (1979 - 1980)

Responsible for initial development, implementation, and direction of the physical therapy program for multi-handicapped children. Services performed included screening, evaluation and treatment of students with neurologic and orthopedic disabilities.

INSTITUTION: Wake County Medical Center, Raleigh, NC

TITLE: Staff Physical Therapist (1977 - 1981)

Responsible primarily for the evaluation and treatment of neurologically involved patients (CVA, head injury, peripheral nerve lesions). Also, evaluated and treated patients with orthopedic, pulmonary, cardiac, vascular, and dermatologic problems. Supervised entry level master's degree physical therapy students.

### **EDITORIAL SERVICES**

#### **EDITOR IN CHIEF**

Journal of Human Muscle Performance: 1990 to 1992.

Journal of Geriatric Physical Therapy: 2002 to 2007.

**EDITOR** 

Physical Therapy: Associate Editor, 1985 to 1989.

Perceptual and Motor Skills: Associate Editor, 1993 to present.

Clinical Rehabilitation: Editor, 1998 to 2007; Assistant Editor, 1988 to 1997.

Topics in Geriatric Rehabilitation: Issue Editor, 1991, 1998, 2003.

Physical Therapy Practice: Issue Editor, 1992.

#### EDITORIAL BOARD/MANUSCRIPT REVIEWER

Clinical Management/PT - Magazine of Physical Therapy: Editorial Advisory Group, 1991 to 1995.

Physical Therapy in Health Care: Editorial Board, 1984 to 1989.

Journal of Neurologic Rehabilitation/Neurorehabilitation and Neural Repair: Editorial Board, 1989 to 2004.

Journal of Physical Therapy Science: Editorial Board, 1994 to present.

Journal of Stroke and Cerebrovascular Diseases: Editorial Board, 1990 to present.

<u>Physical Therapy in Perspective</u>: Editorial Board, 1996 to 2002.

CRC Critical Reviews in Physical and Rehabilitation Medicine: Advisory Editorial Board, 1991 to 2003.

Clinical Rehabilitation: Editorial Board, 1986 to 1987, 2007 to present.

Physiotherapy: Advisory Editorial Board, 2004 to present.

Turkish Journal of Physiotherapy Rehabilitation: Advisory Editorial Board, 2004 to present.

The Open Geriatric Medicine Journal: Editorial Board, 2007 to present.

The Open Biomedical Engineering Journal: Editorial Board, 2007 to present.

The Open Rehabilitation Journal: Editorial Board, 2007 to present.

Journal of Rehabilitation Research and Development: Manuscript reviewer, 1999 to present.

Physical Therapy: Manuscript reviewer, 1982 to 1985, 1990 to present.

Physiotherapy Theory and Practice: Manuscript reviewer, 1994 to present.

Archives of Physical Medicine and Rehabilitation: Manuscript reviewer, 1988 to present.

Physiotherapy Canada: Manuscript reviewer, 1988 to 1994, 2008.

Journal of Gerontology: Medical Sciences: Manuscript reviewer, 1990 to present.

Journal of Orthopedic and Sports Physical Therapy: Manuscript reviewer, 1990 to present.

Perceptual and Motor Skills: Manuscript reviewer, 1990 to 1992, 2003 to present.

Journal of Applied Physiology: Manuscript reviewer, 1994.

Medical & Biological Engineering & Computing: Manuscript reviewer, 1995

Age and Ageing: Manuscript reviewer, 1996 to present.

Disability and Rehabilitation: Manuscript reviewer, 1996.

American Journal of Physical Medicine and Rehabilitation: Manuscript reviewer, 1997 to 2006.

American Journal of Kidney Diseases: Manuscript reviewer, 1997 to present.

Physiotherapy Research International: Manuscript reviewer, 1997.

Physical Therapy Practice: Editorial Board, 1990 to 1994.

Journal of Aging and Physical Activity: Manuscript reviewer, 1999 to present.

<u>Scandinavian Journal of Rehabilitation Medicine/Journal of Rehabilitation</u>: Manuscript reviewer, 2000, 2003 to present.

Stroke: Manuscript reviewer, 2000 to present.

Clinical Biomechanics: Manuscript reviewer, 2002 to present.

Experimental Brain Research: Manuscript reviewer, 2003.

Muscle and Nerve: Manuscript reviewer, 2003.

Journal of General Internal Medicine: Manuscript reviewer, 2004.

European Journal of Applied Physiology: Manuscript reviewer, 2004.

Neurology: Manuscript reviewer, 2004 to present.

European Journal of Neurology: Manuscript reviewer, 2005.

Journal of Neuroscience Methods: Manuscript reviewer, 2005, 2006.

<u>Developmental Medicine and Child Neurology</u>: Manuscript reviewer, 2005.

Acta Neurologica Scandinavica: Manuscript reviewer, 2006 to present.

Journal of Hand Therapy: Manuscript reviewer, 2007, 2008.

Nature Clinical Practice Neurology: Manuscript reviewer, 2007.

Journal of Anatomy: Manuscript reviewer, 2007.

Journal of Neurology: Manuscript reviewer, 2008.

Clinical Physiology and Functional Imaging: Manuscript reviewer, 2008.

J Sports Rehab: Manuscript reviewer, 2008.

J Science Med Sport: Manuscript reviewer, 2008.

Medical Care: Manuscript reviewer, 2008.

## **OTHER PEER REVIEW**

Reviewer of scientific papers submitted for presentation at the Annual Meeting of the American Congress of Rehabilitation Medicine and Academy of Physical Medicine and Rehabilitation. 1986, 1988-1990, 1992, 1998.

Reviewer of papers submitted for presentation at the Connecticut Traumatic Brain Injury Association meetings. 1988, 1990, 1991.

Grant reviewer for Specific Research Grant Program of for the Idaho State Board of Education, 1990.

Grant reviewer for Easter Seals [Canada], 1992.

Grant reviewer for Health Care Systems Research Grant application for Ontario Ministry of Health, 1993.

External reviewer for the Research Advisory Committee of the Foundation of Physical Therapy, 1993.

Grant reviewer for Spinal Cord Research Foundation of Paralyzed Veterans of American, 1997.

Grant reviewer for Medical Research Council of Canada, 1997.

Expert panel reviewer for Network of Centers of Excellence: Canadian Stroke Network, 1998, 1999.

Grant reviewer for National Institutes of Health, 1999, 2002, 2003.

Grant reviewer for Canadian Foundation for Innovation, 1999, 2007.

Grant reviewer for Canadian Institute of Health Research, 2001.

Reviewer for University of Connecticut internal grants, 2002.

Reviewer of abstracts submitted to the CPTA for its Fall conferences, 2003-2006.

Grant reviewer for Medical Research Council of Australia, 2005.

Grant reviewer for Michael Smith Foundation for Health Research, 2008

Fellowship reviewer for National Health and Medical Research Council of Australia, 2009.

### **CONSULTING SERVICES**

#### **BUSINESS AND INDUSTRY**

Triangle Manufacturing Corporation and the Campbell's Institute for Health and Fitness (exercise equipment), 1985.

Guardian Products, Inc. A Sunrise Medical Company (assistive devices), 1985, 1990 - 1997.

Ametek, Mansfield and Green Division (hand-held dynamometers), 1987-1988, 1991 - 1993.

Chatillon (hand-held dynamometers), 1993-1998.

Impact Monitors (weightbearing monitors), 1998 & 1999.

Scan Medical (patient handling devices), 1998 to 2000.

Dolomite Home Care Products (assistive and patient handling devices), 1999 & 2000.

J-Tech Medical Industries (hand-held dynamometers), 1999 to 2003.

PHIL-E-SLIDE (patient handling devices), 2001 & 2002.

Structural Repair System, Norian Corporation (fracture healing), 1995 to 1998.

Calley & Currier (crutches), 2002 & 2003.

Enhanced Care Initiatives (disease management), 2003 & 2004.

Affordable Therapy Equipment / SAEBO (stroke treatment), 2003 to present.

Hoggan Health Industries (testing and training equipment), 2003 to present.

Magellan Health Services (managed care), 2005 & 2006, 2008.

Alza Corporation (pharmaceuticals), 2006.

Louis DePasquale, PT (physical therapy research), 2007 & 2008.

Columbia Public Schools (care appraisal), 2008 & 2009.

NorthShore University Health System (NIH Toolbox), 2008.

Saint Therese Home, Inc, (2009)

### **CLINICAL/RESEARCH**

Department of Rehabilitation, Southeastern Regional Rehabilitation Center, 1987-1988.

Physical Therapy and Sports Medicine Associates, 1988 -1999.

Department of Rehabilitation, Hartford Hospital, 1988.

Department of Neurology, Newington Children's Hospital, 1989-1991.

Department of Internal Medicine, Yale University. 1999 & 2003.

Staff Mates, Inc (home-care), 2005 to present.

#### **LEGAL**

Product liability case for Parker, Coulter, Daley, and White, 1994 & 1995.

Medical Care Ombudsman Program, 1996 – present.

Wrongful death and malpractice cases for Freedman, DeRosa, and Rondeau, 1998 & 1999.

Malpractice case for Dale, Bald, Showalter, and Merceir, 2000, 2002.

Personal injury case for Jeffries, Kuube, Forrest, and Monteleone, 2002.

Personal injury case for Jones Vargus, 2003.

Negligence case for Clayman, Tapper and Baram, 2004 & 2005.

Wrongful death case for Billing, Cochran, Heath, Lyles, Mauro and Anderson, 2005 - 2007.

Contested Medicaid case for Nevada Disability Advocacy and Law Center, 2005 & 2006.

Personal injury case for RisCassi and Davis, 2006.

Negligence case for Williams, Walsh and O'Connor, 2008

#### GOVERNMENT AND EDUCATION

Agency for Health Care Policy and Research Stroke Guidelines Panel administered by the Center for Health Economics Research, 1992-1993.

Straits Global Network for appraisal of Rehabilitation Delivery System of the Ministry of National Unity and Social Development of Malaysia, 1995-1996.

### OTHER PROFESSIONAL SERVICES

Session Chairman, APTA Annual Conferences 1987

Invited lecturer for physical therapy programs: UNC-Chapel Hill 1981 & 1985, Duke University 1983-1986, East Carolina University 1984 & 1985

Course faculty for Forum Medicus, which published post-graduate office study courses, 1987 to 1990.

Item writer for American Physical Therapy Association, writing test items to assist the Association's credentialing efforts. 1982, 1983.

Item writer for Neurologic Physical Therapy Certification Examination 1984, 1985.

Item writer for Geriatric Physical Therapy Certification Examination 1990.

Neuromuscular Panel of Experts member assisting with the development of <u>A Guide to Physical Therapy Practice</u>, <u>Volume II: Preferred Practice Patterns</u>, 1996 - 1997.

Advisory Board member, Mercy Community Health, 1997-2005.

Advisory Board member, Cinahl Information Services, 1999 - present.

Scientific Advisory Board member, University of Connecticut Pepper Center on Aging, 2000.

Expert international panel member, Management of the Hemiplegic Arm and Hand, 2001 & 2002.

Expert international panel member. The Orthotic Management of Patients with Stroke, 2003

International Advisory Board member, Journal of the Chartered Society of Physiotherapy, 2003

Physical therapy expert for Stroke ICF Core Set Validation, 2005

McMaster Online Rating of Evidence (MORE) project reviewer, 2007.

Advisory Committee for Urban Nursing and Community Care, 2008

### **JOURNAL ARTICLES**

- 1. Bohannon RW: Whirlpool versus Whirlpool and Rinse for Removal of Bacteria from a Venous Stasis Ulcer. Phys Ther 62: 304-308, 1982.
- 2. Bohannon RW: Cinematographic Analysis of the Straight-Leg Raising Test for Hamstring Length. <u>Phys Ther</u> 62: 1269-1274, 1982.
- 3. Bohannon RW, Thorne M, Mieres AC: Shoulder Positioning Device for Patients with Hemiplegia Suggestion from the Field. <u>Phys Ther</u> 63: 49-50, 1983.
- 4. Bohannon RW: Device for Stretching Spastic Hip Adductor Muscles. Phys Ther 63: 343-344, 1983.
- 5. Bohannon RW: Taping for Positioning and Stabilization of the Ankle in Patients with Hemiparesis. <u>Phys Ther</u> 63: 524-525, 1983.

- 6. Bohannon RW: Results of Resistance Exercise in a Patient with Amyotrophic Lateral Sclerosis. <u>Phys Ther</u> 63: 965-968, 1983.
- 7. Bohannon RW: Contribution of Neural and Muscular Factors to the Short Duration Tension Developing Capacity of Skeletal Muscle. <u>J Orthop Sports Phys Ther</u> 5: 139-147, 1983.
- 8. Bohannon RW, Pfaller B: Documentation of Wound Surface Area from Tracings of Wound Perimeters. Phys Ther 63: 1622-1624, 1983.
- 9. Bohannon RW: Electrical Stimulation of the Vastus Medialis for Reduction of Patellar Dislocation. <u>Phys Ther</u> 63: 1445-1447, 1983.
- 10. Bohannon RW: Effect of Repeated Eight Minute Muscle Loading on the Angle of Straight-Leg Raising. Phys Ther 64: 491-497, 1984.
- 11. Bohannon RW, Larkin PA, Cook AC, Gear J, Singer J: Decrease in Timed Balance Test Scores with Aging. Phys Ther 64: 1067-1070, 1984.
- 12. Bohannon RW: Productivity Among Physical Therapists: An Evaluation of One Department. <u>Phys Ther</u> 64: 1242-1244, 1984.
- 13. Bohannon RW, Dubuc WE: Documentation of the Resolution of Weakness in a Patient with Gullain-Barre Syndrome. Phys Ther 64: 1388-1389, 1984.
- 14. Bohannon RW, Larkin PA: Rolling Board for Treatment and Evaluation of Neurologically-Involved Patients Suggestion from the Field. Phys Ther 64: 1543, 1984.
- 15. Bohannon RW, Short D: A Compact Device for Positional Biofeedback. Phys Ther 64: 1692, 1984.
- 16. Bohannon RW, Larkin PA: Cybex II Isokinetic Dynamometer for Documentation of Spasticity. <u>Phys Ther</u> 65: 312-315, 1985.
- 17. Dubuc WE, Bohannon RW: A New Device for Stretching Hamstring Muscles Suggestion from the Field. Phys Ther 55: 46-47, 1985.
- 18. Bohannon RW, Chavis D, Larkin P, Leiber C, Riddick L: Effectiveness of Repeated Prolonged Loading for Increasing Flexion in Knees Demonstrating Postoperative Stiffness A Clinical Report. <a href="Phys Ther">Phys Ther</a> 65: 495-496, 1985.
- 19. Bohannon RW, Gajdosik R, LeVeau BF: Contribution of Pelvic and Lower Limb Motion to Increases in the Angle of Passive Straight-Leg Raising. <u>Phys Ther</u> 65: 474-476, 1985.
- 20. Bohannon RW: Mentorship: A Relationship Important to Professional Development. Phys Ther 65: 920-923, 1985.
- 21. Bohannon RW: Knee Extension Torque During Repeated Knee Extension/Flexion Reversals and Separated Knee Extension/Flexion Dyads. <u>Phys Ther</u> 65: 1052-1054, 1985.
- 22. Bohannon RW, Larkin PA: Lower Extremity Weight Bearing Under Various Standing Conditions in Independently Ambulatory Patients with Hemiparesis. <u>Phys Ther</u> 65: 1323-1325, 1985.
- 23. Bohannon RW, Gajdosik RL, LeVeau BF: Relationship of Pelvic and Thigh Motions During Unilateral and Bilateral Hip Flexion. Phys Ther 65: 1501-1504, 1985.

- 24. Gajdosik RL, LeVeau BF, Bohannon RW: Effect of Ankle Dorsiflexion on Active and Passive Unilateral Straight-Leg Raising. Phys Ther 65: 1478-1482, 1985.
- 25. Bohannon RW: A Device for Increasing Passive Ankle Dorsiflexion at Home Suggestion from the Field. <u>Phys Ther</u> 65: 1521, 1985.
- 26. Bohannon RW, Larkin PA: Passive Ankle Dorsiflexion Increases in Patients After a Regimen of Tilt Table-Wedge Board Standing. Phys Ther 65: 1676-1678, 1985.
- 27. Bohannon RW, LeVeau BF: Clinicians' Use of Research Findings. A Review of Literature with Implications for Physical Therapists. <u>Phys Ther</u> 66: 45-50, 1986.
- 28. Bohannon RW: Test-Retest Reliability of Hand-Held Dynamometry During a Single Session of Strength Assessment. Phys Ther 66: 206-209, 1986.
- 29. Bohannon RW: Documentation of Tremor in Patients with Central Nervous System Lesions. <u>Phys Ther</u> 66: 229-230, 1986.
- 30. Bohannon RW: Effectiveness of a Rolling Board Treatment for Improving Gait. A Case Report. <u>Phys Ther</u> 66: 349-350, 1986.
- 31. Bohannon RW: Adapting the Bicycle Ergometer for Arm Crank Ergometry. Phys Ther 66: 362-363, 1986.
- 32. Bohannon RW, Gibson DF: Citation Analysis of Physical Therapy. A Special Communication. <u>Phys Ther</u> 66: 540-541, 1986.
- 33. Bohannon RW: Decreased Isometric Knee Flexion Torque with Hip Extension in Hemiparetic Patients. <u>Phys Ther</u> 66: 521-523, 1986.
- 34. Bohannon RW, Larkin PA: Current Journal Article Provision for the Physical Therapy Clinicians of One Department. A Clinical Report. Phys Ther 66: 689-690, 1986.
- 35. Bohannon RW: Manual Muscle Test Scores and Dynamometer Test Scores of Knee Extension Strength. <u>Arch Phys Med Rehabil</u> 67: 390-392, 1986.
- 36. Bohannon RW, Jones P: Results of Manual Resistance Exercise on a Manifesting Carrier of Duchenne Muscular Dystrophy. A Case Report. Phys Ther 66: 973-974, 1986.
- 37. Bohannon RW, Smith MB, Larkin PA: Relationship Between Independent Sitting Balance and Side of Hemiparesis. Phys Ther 66: 944-945, 1986.
- 38. Bohannon RW, Gajdosik RL, LeVeau BF: Knee Flexion and Extension Torque in the Upright Sitting and Semi-Reclined Sitting Positions. Phys Ther 66: 1083-1086, 1986.
- 39. Bohannon RW, Gibson DF, Larkin PA: Effect of Resisted Knee Flexion on Knee Extension Torque. <u>Phys Ther</u> 66: 1239-1241, 1986.
- 40. Bohannon RW: Upper Extremity Strength and Strength Relationships Among Young Women. <u>J Orthop Sports Phys Ther</u> 8: 128-133, 1986.
- 41. Bohannon RW, Larkin PA, Smith MB, Horton MG: Shoulder Pain in Hemiplegia: Statistical Relationship with Five Variables. <u>Arch Phys Med Rehabil</u> 67: 514-516, 1986.

- 42. Bohannon RW, Lieber CR: Isokinetic Dynamometer for Passive Load Application and Measurement. <u>Phys Ther</u> 66: 1407, 1986.
- 43. Bohannon RW: Strength of Lower Limb Related to Gait Velocity and Cadence in Stroke Patients. <u>Physiother Can</u> 38: 204-206, 1986.
- 44. Bohannon RW, LeFort A: Hemiplegic Shoulder Pain Measured with the Ritchie Articular Index. Brief Research Report. <u>Intern Rehabil Research</u> 9: 379-381, 1986.
- 45. Bohannon RW: Relative Dynamic Endurance of Paretic Neurologic Patients and Matched Controls. <u>Phys Ther</u> 67: 18-20, 1987.
- 46. Bohannon RW: The Clinical Measurement of Strength. Clin Rehabil 1: 5-17, 1987.
- 47. Bohannon RW, Gajdosik RL: Spinal Nerve Root Compression: Some Clinical Implications. A Review of the Literature. Phys Ther 67: 376-382, 1987.
- 48. Bohannon RW, Smith MB: Inter-rater Reliability of a Modified Ashworth Scale of Muscle Spasticity. Phys Ther 67: 206-207, 1987.
- 49. Bohannon RW, Smith MB: Upper Extremity Strength Deficits in Hemiplegic Stroke Patients: Relationship Between Admission and Discharge and Time Since Onset. <u>Arch Phys Med Rehabil</u> 68: 155-157, 1987.
- 50. Bohannon RW: Relationships Between Static Strength and Various Other Measures in Hemiparetic Stroke Patients. <u>Intern Rehabil Med</u> 8: 125-128, 1987.
- 51. Bohannon RW: Assessment of Strength Deficits in Eight Paretic Upper Extremity Muscle Groups of Stroke Patients with Hemiplegia. <u>Phys Ther</u> 67: 522-525, 1987.
- 52. Bohannon RW: Variability and Reliability of the Pendulum Test for Spasticity Performed using a Cybex<sup>R</sup>II Isokinetic Dynamometer. <u>Phys Ther</u> 67: 659-661, 1987.
- 53. Bohannon RW, Andrews AW: Inter-rater Reliability of Hand-Held Dynamometry. Phys Ther 67: 931-933, 1987.
- 54. Bohannon RW, Larkin PA, Smith MB, Horton MG: Relationships Between Static Muscle Strength Deficits and Spasticity in Stroke Patients with Hemiparesis. <u>Phys Ther</u> 67: 1068-1071, 1987.
- 55. Bohannon RW: Hand-Held Dynamometry: Stability of Muscle Strength Over Multiple Measurements. <u>Clin Biomech</u> 2: 74-77, 1987.
- 56. Bohannon RW: Velocity and Cadence of Gait in Hemiparetic Stroke Patients. A Brief Report. <u>Intern J Rehabil</u> Research 10: 73-75, 1987.
- 57. Bohannon RW: Relative Decreases in Knee Extension Torque with Increased Knee Extension Velocity in Stroke Patients with Hemiparesis. Phys Ther 67: 1218-1220, 1987.
- 58. Bohannon RW, Larkin PA: Resistance to Ankle Dorsiflexion in Hemiparetic Stroke Patients. <u>Clin Rehabil</u> 1: 175-180, 1987.
- 59. Bohannon RW: Gait Performance of Hemiparetic Stroke Patients: Selected Variables. <u>Arch Phys Med Rehabil</u> 68: 777-781, 1987.

- 60. Bohannon RW: Statistical Analysis of Productivity in One Physical Therapy Department. <u>Phys Ther</u> 67: 1553-1557, 1987.
- 61. Bohannon RW: Core Journals of Physiotherapy. Physiother Pract 3: 126-128, 1987.
- 62. Bohannon RW: Weakness in the Stroke Patient: A Review. Phys Ther Health Care 1: 43-55,1987.
- 63. Gajdosik RL, Bohannon RW: Range of Motion Measurement. Phys Ther 67: 1867-1872, 1987.
- 64. Bohannon RW: Simple Clinical Measurement. Phys Ther 67: 1845-1850, 1987.
- 65. Bohannon RW: Relationships Between Static Standing Capacity and Lower Limb Static Strength in Hemiparetic Stroke Patients. <u>Clin Rehabil</u> 1: 287-291, 1987.
- 66. Bohannon RW: Differentiation of Maximal from Submaximal Static Elbow Flexion Efforts by Measurement Variability. Am J Phys Med 66: 213-218, 1987.
- 67. Bohannon RW, Andrews AW: Relative Strength of Seven Upper Extremity Muscle Groups in Hemiparetic Stroke Patients. <u>J Neurol Rehabil</u> 1: 161-165, 1987.
- 68. Bohannon RW: Relationship Between Strength and Movement in the Paretic Lower Limb Following Cerebrovascular Accidents. Intern J Rehabil Research 10: 420-422, 1987.
- 69. Bohannon RW: Make versus Break Tests of Elbow Flexion Force Using a Hand-Held Dynamometer. Phys Ther 68: 193-194, 1988.
- 70. Bohannon RW: How to Find Relevant References for a Publication. Physiother Pract 4: 41-44, 1988.
- 71. Bohannon RW: Relationship Between Shoulder Pain and Selected Variables in Patients with Hemiplegia. <u>Clin Rehabil</u> 2: 111-117, 1988.
- 72. Bohannon RW: Determinants of Transfer Capacity in Patients with Hemiplegia. <u>Physiother Can</u> 40: 236-239, 1988.
- 73. Bohannon RW: Rolling to the Nonplegic Side: Influence of Teaching and Limb Strength in Hemiplegic Stroke Patients. <u>Clin Rehabil</u> 2: 215-218, 1988.
- 74. Bohannon RW, Smith MB: Differentiation of Maximal from Submaximal Dynamic Knee Extension Efforts by Isokinetic Testing. <u>Clin Biomech</u> 3: 215-218, 1988.
- 75. Bohannon RW: Muscle Strength Changes in Hemiparetic Stroke Patients During Inpatient Rehabilitation. <u>J Neurol Rehabil</u> 2: 163-166, 1988.
- 76. Bohannon RW, Andrews AW, Smith MB: Rehabilitation Goals of Patients with Hemiplegia. Brief Research Report. <u>Intern J Rehabil Research</u> 11: 181-183, 1988.
- 77. Bohannon RW, Andrews AW: Accuracy of Spring and Strain Gauge Hand-held Dynamometers. <u>J Orthop Sports Phys Ther</u> 10: 323-325, 1989.
- 78. Bohannon RW, Andrews AW: Influence of Head-Neck Rotation on Static Elbow Flexion Force of Paretic Side in Patients with Hemiparesis. <u>Phys Ther</u> 69: 135-137, 1989.
- 79. Bohannon RW: Is the Measurement of Muscle Strength Appropriate in Patients with Brain Lesions? <u>Phys Ther</u> 69: 225-236, 1989.

- 80. Bohannon RW: Selected Determinants of Ambulatory Capacity in Patients with Hemiplegia. Clin Rehabil 3: 47-53, 1989.
- 81. Bohannon RW, Endemann N: How Accurately Can Elbow Flexor Force Be Estimated? <u>Percept Motor Skills</u> 68: 1159-1162, 1989
- 82. Bohannon RW: Objective Measures. Phys Ther 69: 590-593, 1989.
- 83. Bohannon RW: Correlation of Lower Limb Strengths and Other Variables with Standing Performance in Stroke Patients. Physiother Can 41: 198-202, 1989.
- 84. Andrews AW, Bohannon RW: Shoulder Range of Motion is Decreased on the Paretic Side After Stroke Phys Ther 69: 768-772 1989.
- 85. Tiberio D, Bohannon RW, Zito M: Effect of Subtalar Joint Position on the Measurement of Maximum Ankle Dorsiflexion. Clin Biomech 4: 189-191 1989.
- 86. Bohannon RW, Smith MB: Intrasession Reliability of Angle Specific Knee Extension Torque Measurements with Gravity Correction. <u>J Orthop Sports Phys Ther</u> 11: 155-157 1989.
- 87. Bohannon RW, Waters G, Cooper J: Perception of Unilateral Lower Extremity Weightbearing During Bilateral Upright Stance. Percept Motor Skills 69: 875-880, 1989.
- 88. Dubuc E, Bohannon RW: Functional Mobility of Patients Before and After a Period of Home Health Physical Therapy. Home Health Servi Quart 10: 73-78, 1989.
- 89. Bohannon RW, Tiberio D, Zito M: Selected Measures of Ankle Dorsiflexion Range of Motion: Differences and Intercorrelations. <u>Foot Ankle</u> 10: 99-103, 1989.
- 90. Bohannon RW: Relevance of Muscle Strength to Gait Performance in Neurologic Patients. <u>J Neurol Rehabil</u> 3: 97-100, 1989.
- 91. Bohannon RW: Knee Extension Force Measurements are Reliable and Indicative of Walking Speed in Stroke Patients. Intern J Rehabil Research 12: 193-194, 1989.
- 92. Bohannon RW, Tiberio D: Physiotherapy Literature in Medical Indexes: How Comprehensive is Index Coverage of Journals Cited Frequently by Five Physiotherapy Journals? <u>Physiother Pract</u> 5: 201-205, 1989.
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- 26. Bohannon RW: Idiopathic Retropulsion: Response to Motor Learning Therapy, <u>Physical Therapy Forum</u>, March 29, 1993.
- 27. Bohannon RW: P.T. Topics Q & A. Physical Therapy Forum, December 25, 1985
- 28. Bohannon RW: P.T. Topics Q & A. Physical Therapy Forum, June 13, 1988
- 29. Bohannon RW: P.T. Topics Q & A. Physical Therapy Forum, August 22, 1988
- 30. Bohannon RW: P.T. Topics Q & A. Physical Therapy Forum, November 21, 1988
- 31. Bohannon RW: P.T. Topics Q & A. Physical Therapy Forum, February 20, 1989
- 32. Bohannon RW: P.T. Topics Q & A. Physical Therapy Forum, June 26, 1989

- 33. Bohannon RW: P.T. Topics Q & A. Physical Therapy Forum, February 19, 1990
- 34. Bohannon RW: P.T. Topics Q & A. Physical Therapy Forum, May 14, 1990
- 35. Bohannon RW: P.T. Topics Q & A. Physical Therapy Forum, July 23, 1990
- 36. Bohannon RW: P.T. Topics Q & A. Physical Therapy Forum, October 8, 1990
- 37. Bohannon RW: P.T. Topics Q & A. Physical Therapy Forum, April 5, 1991
- 38. Bohannon RW: P.T. Topics Q & A. Physical Therapy Forum, April 25, 1991
- 39. Bohannon RW: P.T. Topics Q & A. Physical Therapy Forum, June 7, 1991
- 40. Bohannon RW: P.T. Topics Q & A. Physical Therapy Forum, June 27, 1991
- 41. Bohannon RW: P.T. Topics Q & A. Physical Therapy Forum, October 25, 1991
- 42. Bohannon RW: P.T. Topics Q & A. Physical Therapy Forum, March 11, 1992
- 43. Bohannon RW: P.T. Topics Q & A. Physical Therapy Forum, May 31, 1993
- 44. Bohannon RW: Current Practice Facts. <u>Physical Therapy Forum</u>: Over 100 issue columns published, 1991 to 1995.
- 45. Bohannon RW: Measures of Balance, Strength, and Function Applicable to Home Care. <u>Community Home</u> Health Section Quarterly Report 31: 1,7,8, 1996.
- 46. Bohannon RW. Comment on McIntosh et al. Rhythmic Auditory Motor Facilitation of Gait Patterns in Patients with Parkinson's Disease. Physical Therapy in Perspective 2(1): 10, 1997.
- 47. Bohannon RW. Comment on Macko et al. Treadmill Aerobic Exercise Training Reduces the Energy Expenditure and Cardivasculature Demands of Hemiparetic Gait in Chronic Stroke Patients: A Preliminary Report. Physical Therapy in Perspective 2(1): 9, 1997.
- 48. Bohannon RW. Comment on Abdulwahab. Physical Disability in Patients with Hemiparesis. <u>Physical Therapy in Perspective</u> 1(4): 148, 1997.
- 49. Bohannon RW. Comment on Hesse et al. Gait Function in Spastic Hemiparetic Patients Walking Barefoot, With Firm Shoes, and with Ankle-Foot Orthosis. Physical Therapy in Perspective 1(4): 149, 1997.
- 50. Bohannon RW: Application of Research in a Clinical Setting. <u>Physical Therapy in Perspective</u> 1: 245-247, 1997.
- 51. Bohannon RW. Cromwell's Answer. Letter to the Editor. World 12(29): 4, December 6, 1997.
- 52. Bohannon RW. Pupils Need More Time and Content. Letter. Hartford Courant, December 12, 1997.
- 53. Bohannon RW. Comment on Saboe et al. Early Predictors of Functional Independence 2 Years After Spinal Cord Injury. Physical Therapy in Perspective 2(4): 137, 1998.
- 54. Bohannon RW. Comment on Dickstein et al. Repetitive Practice of a Single Joint Movement for Enhancing Elbow Function in Hemiparetic Patients. <u>Physical Therapy in Perspective</u> 2(5): 175, 1998.

- 55. Bohannon RW. Comment on Mulroy et al. The Ability of Male and Female Clinicians to Effectively Test Knee Extension Strength Using Manual Muscle Testing. <u>Physical Therapy in Perspective</u> 2(5): 200, 1998.
- 56. Bohannon RW. Give God the Credit. Calvary Echoes December, 1998.
- 57. Bohannon RW. Comment on McCarthy et al. Correlation Between the Measures of Impairment. According to the Modified System of the American Medical Association. <u>Physical Therapy in Perspective</u> 3(4): 142-143, 1999.
- 58. Bohannon RW. Comment on Thijs et al. Distribution of Muscle Weakness of Central and Peripheral Origin. Physical Therapy in Perspective 3(5): 179, 1999.
- 59. Bohannon RW. Comment on Ikai et al. Evaluation and Treatment of Shoulder Subluxation in Hemiplegia: Relationship Between Subluxation and Pain. <u>Physical Therapy in Perspective</u> 3(5): 192, 1999.
- 60. Bohannon RW. Comment on Burke et al. Effects of Hydrotherapy on Pressure Ulcer Healing. <u>Physical Therapy in Perspective</u> 3(5): 190, 1999.
- 61. Bohannon RW. Comment on Dickstein et al. Activation of Selected Trunk Muscles During Symmetric Functional Activities in Poststroke Hemiparetic and Hemiplegic Patients. <u>Physical Therapy in Perspective</u> 4(1): 22, 1999.
- 62. Bohannon RW. Comment on Sunnerhagen, et al. Upper Motor Neuron Lesions: Their Effect on Muscle Performance and Appearance in Stroke Patients with Minor Motor Impairment. <u>Physical Therapy in Perspective</u> 4(1): 23, 1999.
- 63. Bohannon RW. The Many Advantages of Wheeled Walkers. Physical Therapy in Perspective 4: 54-56, 1999.
- 64. Bohannon RW. Comment on Jones et al. A 30-s Chair Stand Test as a Measure of Lower Body Strength in Community-Residing Older Adults. <u>Physical Therapy in Perspective</u> 4(4): 146-147, 2000.
- 65. Bohannon RW. Comment on Curtis et al. Effect of a Standard Exercise Protocol on Shoulder Pain in Long-term Wheelchair Users. Physical Therapy in Perspective 4(4): 155, 2000.
- 66. Bohannon RW. Comment on Desai et al. Extrapyramidal Involvement in Amyotrophic Lateral Sclerosis: Backward Falls and Retropulsion. <u>Physical Therapy in Perspective</u> 4(4): 156-157, 2000.
- 67. Bohannon, RW. Comment on Owen et al. What are We Teaching about Lifting and Transferring Patients. Physical Therapy in Perspective 4(4): 174-175, 2000.
- 68. Bohannon RW. Praying Without Ceasing. Calvary Echoes, October, 1999.
- 69. Bohannon RW. Comment on Troasters et al. Six Minute Walking Distance in Healthy Elderly Subjects. <u>Physical Therapy in Perspective</u> 4(6): 247-248, 2000.
- 70. Bohannon RW. Comment on Beck et al. Comparison of Maximum Voluntary Isometric Contraction and Drachman's Hand-held Dynamometry in Evaluating Patients with Amyotrophic Lateral Sclerosis. <u>Physical Therapy in Perspective</u> 4(6): 249, 2000.
- 71. Bohannon RW. Comment on Carmeli et al. Do We Allow Pedestrians Sufficient Time to Cross the Street in Safety. <u>Physical Therapy in Perspective</u> 5 (1): 12, 2000.
- 72. Bohannon RW. Reducing the Burden of Patient Handling. <u>Advance for Physical Therapists & PT Assistants</u>. 13 (4): 46-47; February 18, 2002.

- 73. Bohannon RW. Comment on Cormack. Pushing Limits. <u>Advance for Physical Therapists & PT Assistants</u>. 14 (2): 4; January 13, 2003.
- 74. Bohannon RW. Loosing Friction. Rehab Management 16 (3): 26-29, 2003.
- 75. Bohannon RW. Government is Poor Samaritan. Letter. Hartford Courant, August 13, 2008.

#### **Abstracts/Book Reviews**

Abstracts of over 150 articles for <u>Physical Therapy</u>. Journals abstracted included: <u>Experimental Neurology</u>, <u>Journal of Neurology</u>, <u>Neurosurgery and Psychiatry</u>, <u>Scandinavian Journal of Rehabilitation Medicine</u>, <u>Journal of Applied Physiology</u>, <u>Journal of Electromyography and Clinical Neurophysiology</u>, <u>Electroencephalography and Clinical Neurophysiology</u>, <u>Scandinavian Journal of Rheumatology</u>, <u>European Journal of Applied Physiology</u>, <u>Muscle and Nerve</u>, <u>European Heart Journal</u>, <u>Physiologie</u> (<u>Paris</u>) 1981-1987 and <u>Journal of Neurologic Rehabilitation</u>, <u>Clinical Rehabilitation</u> 1988-1991.

Reviews of over 20 books for Physical Therapy 1983 to present.

Abstracts of articles for <u>Journal of Orthopaedic and Sports Physical Therapy</u> from <u>Acta Orthopaedic Scandinavica</u> 1984-1985.

Reviews of over 10 books for Journal of Orthopaedic and Sports Physical Therapy 1986 - present.

Reviews of books for Clinical Rehabilitation, 1989.

Reviews of books for Physiotherapy Practice, 1990.

Reviews of books for Journal of Human Muscle Performance, 1991, 1992.

Reviews of books for American Journal of Physical Medicine and Rehabilitation, 1999.

### **Monographs/Conference Proceedings**

- 1. Bohannon RW: Clinical Applications of Continuous Passive Motion Devices. A Monograph for the Forum Medicus series <u>Post Graduate Advances in Physical Therapy</u>, 1987.
- 2. Bohannon RW: Assessing Muscle Performance. A Monograph for the Forum Medicus series <u>Post Graduate Advances in Physical Therapy</u>, 1988.
- 3. Bohannon RW: Stroke in the Elderly: What Should We Treat and How Should We Treat It? A Monograph for Forum Medicus series Post Graduate Advances in Physical Therapy, 1989.
- 4. Bohannon RW: Measurement and Management of Productivity in Physical Therapy Departments. Monograph for Forum Medicus series <u>Post Graduate Advances in Physical Therapy</u>, 1990.
- 5. Bohannon RW. Physiotherapy for the Lower Limb. Report of a <u>Consensus Conference on the Orthotic Management of Stroke Patients</u> (International Society for Prosthetics and Orthotics), 2004
- 6. Maljanian R, Bohannon RW. Disease Management Outcomes Consolidation Project: Review of Published and Unpublished Results. A Document Prepared for the <u>Disease Management Association of America</u>, 2005

### **Books/Book Chapters/Book Contributions**

- 1. Bohannon RW: Muscle Strength Testing with Hand held Dynamometers. In Amundsen LR(ed), <u>Muscle Strength Testing</u>, Churchill Livingstone, New York, 1990.
- 2. Bohannon RW: Strength in Patients with Brain Lesions: Measurement and Implications. In Harms-Ringdahl K(ed), <u>Muscle Strength</u>, Churchill Livingstone, London, 1993.
- 3. Bohannon RW: Orthopaedic Problems in the Neurologic Patient. In Donatelli RA, Wooden MJ (eds), Orthopaedic Physical Therapy, Churchill Livingstone, New York, (ed2) 1993.
- 4. Bohannon RW: Orthopaedic Problems in the Neurologic Patient. In Donatelli RA, Wooden MJ (eds), Orthopaedic Physical Therapy, Churchill Livingstone, New York, (ed3), 2001.
- 5. Bohannon RW: Contributed Gait, Muscular Impairment, Muscular Strength, Orthosis, Spasticity. In Cammacks, Eisenberg MG(eds): Key Words in Physical Rehabilitation, Springer Publishing Co, New York, 1995.
- 6. Bohannon RW: Clinical Research in Geriatrics. In Lewis CB (ed) <u>Aging: The Health Care Challenge</u>, FA Davis, Philadelphia, (ed 3), 1995.
- 7. Bohannon RW: Clinical Research in Geriatrics. In Lewis CB (ed) <u>Aging: The Health Care Challenge</u>, FA Davis, Philadelphia, (ed 4), 2000.
- 8. Bohannon RW: Clinical Implications of Neurologic Changes during the Aging Process. In Lewis CB (ed) Aging: The Health Care Challenge, FA Davis, Philadelphia, (ed 3), 1995.
- 9. Bohannon RW: Clinical Implications of Neurologic Changes during the Aging Process. In Lewis CB (ed) Aging: The Health Care Challenge, FA Davis, Philadelphia, (ed 4), 2000.
- 10. Bohannon RW: Clinical Biomechanics of Neurological Treatment. In Dvir Z (ed), <u>Clinical Biomechanics</u>, Churchill-Livingstone, New York, 2000.
- 11. Bohannon RW: Overweight and Obesity. In Kauffman T (ed), <u>Geriatric Rehabilitation Manual</u>, Elsevier, Oxford, 2007.

### INVITED OR PEER REVIWED PRESENTATIONS/POSTERS

- 1. Bohannon RW: Hydrotherapy Procedures for the Reduction of Bacterial Loads Associated with Wounds. N.C./S.C. APTA Chapter Meeting. Physical Therapy Association Combined Annual Conference, Charlotte, NC, June 7, 1981.
- 2. Bohannon RW: Objective Documentation of Patient Status and Progress. Stroke Rehabilitation Symposium, Raleigh, NC, October 9, 1985.
- 3. Bohannon RW: Physical Therapy Role in Acute Care, Discharge Planning and Rehabilitation of the Stroke Patient. Wilmington AHEC, Wilmington, NC, November 22, 1985.
- 4. Bohannon RW: Objective Measurement of the Neurological Patient. Fall Meeting of the Montana Chapter of the APTA, October 2 and 3, 1987.
- 5. Bohannon RW: Relationship Between Shoulder Pain and Selected Variables in Patients with Hemiplegia. National Stroke Rehabilitation Conference, Boston, MA, April 28, 1988.
- 6. Bohannon RW: Objective Measures. Clinical Decision Making in Physical Therapy Practice, Education, and Research. Osage Beach, MO, October 2-5, 1988.

- 7. Bohannon RW: Measurement of Muscle Performance. Fall Meeting of Connecticut Chapter of APTA, November 18, 1988.
- 8. Bohannon RW: Paresis and Spasticity Following Stroke: Measurement and Implication for Treatment. National Stroke Rehabilitation Conference, Boston, MA, April 6, 1989.
- 9. Bohannon RW: Dynamometer Testing of Patients with Neurologic Disorders. International Congress for Rehabilitation of Multiple Sclerosis. Bologna, Italy, March 29, 1990.
- 10. Bohannon RW: Movement Deficits Are Influenced More By Muscle Strength than By Tone in Hemiparetic Stoke Patients. 8th Congress of the International Society of Electrophysiological Kinesiology. Baltimore, MD, August 14, 1990.
- 11. Bohannon RW: Relationship Between Paretic Knee Extension Strength, Maximum Weightbearing, and Gait Speed in Stroke Patients. APTA Annual Conference. [Poster]. Boston, MA, June 24, 1991.
- 12. Lusardi MM, Bohannon RW: Hand Grip Strength: Comparability of Measurements Obtained with a Jamar and a Modified Sphygmomanometer. [Poster] APTA Clinical Conference. Boston, MA, June 24, 1991.
- 13. Bohannon RW: Lower Extremity Weightbearing in Patients with Stroke: Results and Implications of Six Studies Employing Digital Scales. Third Annual Stroke Rehabilitation Conference. Framingham, MA, October 18, 1991.
- 14. Bohannon RW: Methods of Measuring Muscle Strength and Ambulation in the Presence of Spasticity, Spinal Cord Injury: Neurological and Functional Recovery. Philadelphia, PA, February 27, 1992.
- 15. Bohannon RW: Nature and Implications of Muscle Performance in Patients with Brain Lesions. Neural and Muscular Mechanisms Associated with Strength Training: Implications for Clinical Practice. Teachers College, Columbia University, New York, NY, March 28, 1992.
- 16. Cameron DB, Bohannon RW: Influence of Hip Position on Measurements of the Straight Leg Raise Test [Poster]. APTA Annual Conference. Denver, CO, June 17, 1992.
- 17. Cameron DB, Bohannon RW: Relationship Between Active Knee Extension and Active Straight Leg Raise Test [Poster]. APTA Annual Conference. Denver, CO, June 17, 1992.
- 18. Bohannon RW: Muscle Performance After Stroke: Insights from Recent Dynamometer Studies. Fourth Annual Stroke Rehabilitation Conference. Cambridge, MA, October 15, 1992.
- 19. Bohannon RW: Impairment and Disability After Stroke: Results of Research Conducted at Hartford Hospital. Distinguished Lecture Series in Rehabilitation. The Rehabilitation Center, Ottawa, Ontario, April 2, 1993.
- 20. Bohannon RW: Stroke Evaluation and Treatment. North Carolina APTA Spring Conference. Wilmington, NC, May 13-15, 1993.
- 21. Andrews AW, Thomas MW, Bohannon RW: Predictors of Isometric Muscle Strength in Healthy, Elderly Individuals. APTA Annual Conference. Cincinnati, OH, June 14, 1993.
- 22. Bohannon RW, Cooper JA: Measuring Functional Independence in Acute Care. Achieving and Measuring Positive Outcomes in Rehabilitation. Atlanta, GA, October 2, 1993.
- 23. Bohannon RW: Importance of Muscle Strength to Ambulatory Performance After Stroke. International Congress on Stroke Rehabilitation. Berlin, Germany, November 22, 1993.

- 24. Bohannon RW, Cassidy D, Walsh S. Trunk Muscle Strength is Impaired Multidirectionally after Stroke. APTA Annual Conference. Toronto, Ontario, June 4, 1994.
- 25. Andrews AW, Bohannon RW. Application of Hand-held Dynamometry in the Clinical Setting to Measure Muscle Performance. APTA Annual Conference. Toronto, Ontario, June 7, 1994.
- 26. Bohannon RW. Exercise for Strength and Fitness After Stroke. APTA Annual Conference. Toronto, Ontario, June 8, 1994.
- 27. Bohannon RW. Measurement and Nature of Muscle Performance in Neurologic Patients. Strength Training: Issues in Addressing Fundamental Impairments in Neurologic Clients. Moss Rehab. Hospital. Philadelphia, PA, September 24, 1994.
- 28. Bohannon RW. Physical Therapy for the Patient with Stroke: Beyond Tradition and Theory. Aukland, New Zealand, August 6-7; Wellington, New Zealand, August 13-14; Dunedin, New Zealand, August 20-21, 1994.
- 29. Austin GP, Garrett GE, Bohannon RW, Douglas JG. Kinematic Analysis of Stepping over Obstacles. APTA Combined Sections Meeting. Reno, NV, February 11, 1995.
- 30. Bohannon RW. Limb Muscle Strength is Impaired Bilaterally after Stroke. Second International Congress on Neurorehabilitation. Washington, DC, June 25, 1995.
- 31. Pellecchia GL, Bohannon RW. Use of a Modified Goniometer to Measure Cervical Lateral Flexion. [Poster] APTA Annual Conference. Minneapolis, MN, June 16, 1996.
- 32. Lusardi MM, Bohannon RW, Leary KM. Getting up from the Floor: Techniques and Determinants for Older Adults. APTA Combined Sections Meeting. Dallas, TX, February 15, 1997.
- 33. Bohannon RW. Validity of Alternative Measurements of Lower Extremity Muscle Strength. ASNR Conference. Boston, MA, April 12, 1997.
- 34. Bohannon RW. Strength and Aerobic Training: Basic Considerations. ASNR Conference. Minneapolis, MN, April 24, 1998.
- 35. Bohannon RW. Strength and Aerobic Training for Patients with Other Neurologic Disorders. ASNR Conference. Minneapolis, MN, April 24, 1998.
- 36. Bohannon RW. Research: Overcoming Barriers and Getting Started. Southern New England APTA Conference. Newport, RI, October 31, 1998.
- 37. Bohannon RW. What's a Therapist to Do? Second World Congress in Neurological Rehabilitation. Toronto, Ontario, April 15, 1999.
- 38. Andrews AW, Bohannon RW. Distribution of Muscle Strength Impairments following Stroke. APTA Conference.. Washington, DC, June 7, 1999.
- 39. Grevelding P, Bohannon RW. Reduced Push Forces Accompany Device Use During Sliding Transfers of Seated Subjects. APTA Conference. Indianapolis, IN, June 16, 2000.
- 40. Lindsey C, Brownbill RA, Bohannon RW, Illich JZ. Association Between Physical Performance, Muscle Mass and Bone Mass in Apparently Healthy Postmenopausal Women. [Poster] ASBMR 22<sup>nd</sup> Annual Meeting. Toronto, CA, September 24, 2000.

- 41. Eriksrud O, Bohannon R. Knee Extension Force Explains Sit to Stand Independence of Patients in Acute Rehabilitation. CTAPTA Conference. Hartford, CT, October 21, 2000.
- 42. Bohannon RW, Brennan GP, Fritz J, Whitney SL. Implementing Clinical Research: Practical Tips for Developing Relationships for Collaboration Between Researchers and Clinicians. APTA Combined Sections Meeting. New Orleans, LA, February 24, 2005.
- 42. Bohannon RW. Post-Stroke Impairments and Mobility Limitations: Targets for Therapy. Orthotic Management of the CVA/Stroke Patient. American Academy of Orthotists and Prosthetists Meeting. Chicago, IL, November 14, 2005.
- 43. Bohannon RW. Muscle Training after Stroke. Evidence for Stroke Rehabilitation- Bridging into the Future. Goteborg, Sweden, April 27, 2006.
- 44. Bohannon RW. Interventions for Lateropulsion. Combined ASNR/ACRM Meeting. Washington, DC, October 4, 2007.
- 45. Bohannon RW. Comfortable Walking Speed: Norms for Adults derived Using Meta-Analysis. NIH Toolbox Conference. Bethesda, MD, October 27, 2008.
- 46. Bohannon RW. Physical Performance Deficits Accompanying Chronic Renal Failure and Transplantation: Identification and Management. Third Annual Interdisciplinary Transplant Symposium. Hartford, CT, November 11, 2008.

### **OTHER PRESENTATIONS**

- 1. Bohannon RW. Clinical Research: An Example. University of North Carolina Clinical Educators Meeting, Chapel Hill, NC, March 20, 1981.
- 2. Bohannon RW. Physical Therapy Role in Restoration of the Spinal Cord-Injured Patient. Southeastern Community College, Whiteville, NC, October 25, 1983.
- 3. Bohannon RW. Putting Current Information to Use for Better Patient Outcomes. ECU Clinical Educators Workshop, Salter Path, NC, April 12, 1986.
- 4. Bohannon RW. Clinical Research: An Approach to Patient Care (with Barney LeVeau), University of Texas Health Science Center, Dallas, TX, October 17 and 18, 1986.
- 5. Bohannon RW. Utilizing Current Literature in the Clinic. University of Montana, Missoula, MT, November 1, 1988.
- 6. Bohannon RW. Objective Assessment of the Physical Therapy Patient, University of Montana, Missoula, MT, November 2, 1988.
- 7. Bohannon RW. Accessing and Using the Literature to Enhance Physical Therapy Practice, Ambition Tour, New York, NY, November 9, 1988.
- 8. Bohannon RW. Stroke Rehabilitation. Advanced Educational Seminars. Williamsburg, VA. October 2-3, 1992.
- 9. Bohannon RW. Stroke Evaluation and Treatment. Advanced Educational Seminars. Atlanta, GA, March 12-13, 1993
- 10. Bohannon RW. Stroke Evaluation and Treatment. Advanced Educational Seminars. Syracuse, NY, October 8-9, 1993.

- 11. Bohannon RW. Importance of Muscle Strength to Ambulatory Performance After Stroke. Nottingham, England, November 16, 1993.
- 12. Bohannon RW. Importance of Muscle Strength to Ambulatory Performance After Stroke. London, England, November 17, 1993.
- 13. Bohannon RW. Importance of Muscle Strength to Ambulatory Performance After Stroke. Oxford, England, November 18, 1993.
- 14. Bohannon RW. Evaluation and Treatment of Perceptual Problems Accompanying Stroke; Evaluation and Treatment of Balance Problems Accompanying Stroke. Tel Aviv, Israel, November 28, 1993.
- 15. Bohannon RW. Physical Therapy for the Patient with Stroke: Beyond Tradition and Theory. Morgantown, WV, September 16-17, 1994.
- 16. Bohannon RW. Physical Therapy for the Patient with Stroke: Beyond Tradition and Theory. New Haven, CT, December 3-4, 1994.
- 17. Bohannon RW. Improving Physical Therapy Practice: Optimization through Research Utilization. Third Annual Research Conference. Shenandoah University. Winchester, VA, April 22, 1995.
- 18. Bohannon RW. Physical Therapy for the Patient with Stroke: Beyond Tradition and Theory. Worcester, MA, November 3-4, 1995.
- 19. Bohannon RW. Nature of Muscle Performance Following Stroke. University of Montreal. Montreal, Canada, November 13, 1996.
- 20. Bohannon RW. Selecting a Walker that Best Meets a Patient's Needs. Colorado Springs, CO, August 9-10, 1997.
- 21. Bohannon RW. Research Design. Elon College, NC, July 20-24, 1998.
- 22. Bohannon RW. Physical Impairments and Functional Limitations Accompanying Renal Disease. Transplant Speakers' Forum. Hartford, CT, December 13, 1999.
- 23. Bohannon RW. Improving Mobility and Gait in Patients with Brain Lesions. What Should We Do Now? Longwood Neurology Grand Rounds. Boston, MA, April 19, 2000.
- 24. Bohannon RW. Muscle Strength and Balance: What Have We Learned Lately? University of Massachusetts, Amherst, MA, May 8, 2000.
- 25. Bohannon RW. Muscle Strength and Balance: What Have We Learned Lately? Trinity College/St. James Hospital School of Physiotherapy, Dublin, Ireland, July 20, 2000.
- 26. Bohannon RW. Principled Practice of Neurologic Physical Therapy. Eastern Rehabilitation Network. Wethersfield, CT, February 24, 2001.
- 27. Bohannon RW. Treatment of Posture and Balance Deficits Following Stroke. Burke Rehabilitation Hospital. White Plains, NY, July 11, 2001.
- 28. Bohannon RW. Alternatives to Manual Muscle Testing and Thoughts on Pushing After Stroke. Burke Rehabilitation Hospital. White Plains, NY, July 20, 2004.

- 29. Bohannon RW. Interventions for Lateropulsion. Hunter College/Burke Rehabilitation Symposium. Burke Rehabilitation Hospital. White Plains, NY, September 30, 2007.
- 30. Bohannon RW. Deliberate and Task Specific Training for Improving Function, Functional Prerequisites, and Health. Hospital for Special Care Stroke Group. New Britain, CT, November 13, 2007.
- 31. Bohannon RW. Rehabilitation Strategies for Parkinson's Disease. Hospital for Special Care Parkinson's Group. New Britain, CT, March 18, 2008.
- 32. Bohannon RW. Physical Performance Deficits Accompanying Chronic Renal Failure and Transplantation: Identification and Management. Third Annual Interdisciplinary Transplant Symposium. Hartford, CT, November 11, 2008.

## **BROADCAST/VIDEO PRESENTATIONS**

Bohannon RW. Physical Therapy Following Stroke: Muscle Performance Deficits. AREN, 1995

Bohannon RW. Clinical Strength Testing: Alternatives Applicable in Diverse Settings. AREN, 1995

Bohannon RW. Current Issues in Neuromuscular Rehabilitation. AREN, 1995

## PHYSICAL THERAPY LICENSURE

North Carolina #001290 (1977-2002, 2004-present)

Connecticut #003777 (1987-present)

### SCHOLARSHIPS/GRANTS/CONTRACTS

Bohannon RW: Specificity of Muscle Action in Strength Training. Grant (1982) of \$9,982 from the Illinois Chapter of the Arthritis Foundation.

Bohannon RW: Information Accessing Behavior of Practicing Physical Therapists. Traineeship (1983) of \$3,200 from the Foundation for Physical Therapy for doctoral studies at North Carolina State University.

Bohannon RW: Knee Extension Torque Following Passive and Resisted Knee Flexion. Grant (1984) of \$300 from the Maggie Knott Memorial Fund.

Bohannon RW: Reliability of the Pendulum Test for Spasticity Performed with the Cybex II Dynamometer. Grant (1985) of \$185 from Cybex, Division of Lumex, Inc.

Bohannon RW: Selected Measures of Ankle Dorsiflexion: Intercorrelations, Reliability, and Effects of a Five Minute Stretch. Grant (1987) of \$350 from Clinical Education Associates, Inc.

Bohannon RW: Association of Balance and Paretic Lower Extremity Strength with Stair Climbing Ability in Patients with Stroke. Grant (1990) of \$340 from Physical Therapy Advance.

Bohannon RW: Crutch Alternatives: User Preferences and Performance. Contract (1996) for \$1200 and Contract (1997) for \$1000 from Guardian Products.

Wolfson L, Lee N, Maljanian R, Bohannon RW: Patients with Stroke. Evaluation Across the Continuum. Grant (1997) of \$125,000 from Hartford Hospital Research Committee.

Bohannon RW: Assessment of Easy Slide as a Transfer Aid between Adjacent Surfaces. Contract (1998) for \$1060 from Scan Medical.

Bohannon RW: Sit to Stand Performance of Elderly and Acute Rehabilitation Patients. Grant (1998) of \$365 from Crestline Products.

Bohannon RW: Independence in Sit to Stand: Influence of Knee Extension Strength and Other Factors. Grant (1999) of \$613.00 from CT Physical Therapy Association.

Bohannon RW & Bubela D. NIH Toolbox . Subcontract (2009) of \$67,000 with NorthShore University Health System Research Institute.

### PROFESSIONAL ORGANIZATIONS

American Physical Therapy Association (APTA), 1977 to present (Named Fellow- 2006)

North Carolina Chapter, 1977 to 1996

Illinois Chapter, 1982

Connecticut Chapter 1987 to present (Research Committee 2002-present)

Cardio-Pulmonary Section APTA, 1982 to 1985, 1999 to 2008

Orthopedic Section APTA, 1981 to present

Neurology Section APTA, 1981 to present

Clinical Electrophysiology Section APTA, 1983 to 1987

Geriatrics Section APTA, 1983 to present

Research Section APTA, 1983 to 2008

Administrative Section APTA, 1983 to 1987

Education Section APTA, 1984 to 1987

Oncology Section APTA, 1993 to 1999

Community Health Section APTA, 1995 to 1999, 2005 to 2008

Acute Care Section APTA, 1999 to 2008

American College of Sports Medicine, 1982 to 1987, 1992 to 1993

National Strength and Conditioning Association, 1982 to 1985, 1990 to 1994

International Society for Aging and Physical Activity, 2000 to 2002.

International Society of Electrophysiological Kinesiology, 1982 to 1987, 1992 to 1993

American Congress of Rehabilitation Medicine, 1982 to 2007 (Rehabilitation Research Education, Training & Development Committee, 1999 to 2001; Archives Supplement Committee, 2005-2007)

American Academy for Cerebral Palsy and Developmental Medicine, 1983 to 1992, 2000-present

The Society for Research in Rehabilitation, 1986 to 1993

National Association of Scholars, 1990 to 1997

National Stroke Association, 1992 to present (NSA/APTA Liaison Group 1994 to 1996)

American Statistical Association, 1993 to 1998

American Society of Neurorehabilitation, 1993 to present (Planning Committee 1997-1998, Board of Directors, 1998 -2004)

Gerontology Society of America, 2001 to 2006.

American Geriatrics Society, 1995 to 2006.

American Heart Association (Stroke Council), 1996 to present (Named Fellow-1996)

## GRADUATE COMMITTEES/THESIS/DISSERTATION/CAPSTONE PROJECT REVIEW

MS thesis committee for Cathy Kearney. Thesis topic - "The Role of Informational Feedback in the Acquisition of a Novel Motor Task" University of Connecticut, Storrs, CT, 1990.

External PhD thesis examiner for G. Robert Colborne. Thesis topic - "Feedback of Ankle Joint and Soleus EMG in the Rehabilitation of Hemiplegic Gait" Queens University, Kingston, Ontario, 1991.

MS thesis committee for Kimberly DuBois. Thesis topic - "Relationship Between Gender, Subtalar Joint Angle, Q Angle and Knee Pain in High School Runners" University of Connecticut, Storrs, CT, 1993.

PhD thesis committee for Lisa Riolo. Thesis topic - "Effects of Modeling Errors on the Acquisition and Retention of a Novel Cognitive Motor Task" University of Connecticut, Storrs, CT, 1993.

MS thesis committee for Daniel Elia. Thesis topic - "Relationship of Pelvic and Hip Motions during Hip Flexion with the Pelvis Stabilized Versus Unstabilized" Quinnipiac College, Hamden, CT, 1994.

MS thesis committee for Gary P. Austin. Thesis topic - "The Biomechanics of Stepping Over an Obstacle" University of Connecticut, Storrs, CT, 1995.

MS thesis committee for Nancy Walker. Thesis topic - "Reliability, Validity, and Responsiveness of an Instrument to Measure Temporomandibular Range of Motion" Quinnipiac College, Hamden, CT, 1995.

External PhD thesis examiner for Sylvie Nadeau. Thesis topic - "Velocite de Marche et Faiblesse des Muscles Flechisseurs Plantaires Chez le Sujet Hemiparetique." University of Montreal, Montreal Quebec, 1996

MS thesis committee for Lisa Schulz. Thesis topic - "Assessment of the Weinstein Enhanced Sensibility Test (West) for Measuring Changes in Sensibility Following Carpal Tunnel Release" University of Connecticut, Storrs, CT, 1996.

MS thesis committee for Rex Wong. Thesis topic - "The Effect of Head-Neck Position on Elbow and Hand Strength" Quinnipiac College, Hamden, CT, 1996.

External PhD thesis examiner for Luci Teixeira. Thesis topic - "The Impact of a Program of Muscle Strengthening and Physical Conditioning in Subjects with Chronic Stroke." Queen's University, Kingston, Ontario, 1998.

MS thesis committee for Judith Brown. Thesis topic - "Spatial Ability as a Predictor of Karyotyping Ability." University of Connecticut, Storrs, CT, 1998.

MS thesis committee for Diane Aitken. Thesis topic - "SF-36 versus FIM Scores for Documenting the Status of Orthopedic Patients in a Subacute Care Setting. "University of Connecticut, Storrs, CT, 1998.

MS thesis committee for Christopher DiPasquale. Thesis topic - "Validity of Reference Values for Extremity Muscle Strength Obtained by Hand held Dynamometry and Fixed Force Gauge Dynamometry from Adults 20 to 79 Years." University of Connecticut, Storrs, CT, 1998.

MS thesis committee for Sarit Flascher. Thesis topic - "The Effects of Global Flow on Gait Recovery of Geriatric Patients." University of Connecticut, Storrs, CT, 1998.

PhD thesis committee for Geraldine Pellecchia. Thesis topic - "Effects of Attention on Rhythmic Coordination "University of Connecticut, Storrs, CT, 1999.

PhD thesis committee for Denise Cameron. Thesis topic - "Movement Analysis of Hemiparetic and Neurologically Intact Subjects During Sit to Stand and Stepping up a Curb" University of Connecticut, Storrs, CT, 1999.

MS thesis committee for John Zogaria. Thesis topic - "McGill Scores as Spinal Physical Therapy Predictors." University of St. Augustine for Health Sciences, St. Augustine, FL, 1999.

MS thesis committee for Laurie DeVaney. Thesis topic - "C1-C2 Passive Mobility Testing: A Reliability Study." University of St. Augustine for Health Sciences, St. Augustine, FL, 2000.

DPT PDE committee for Jodi Lowe. PDE topic - "Motor Control Course." University of St. Augustine for Health Sciences, St. Augustine, FL, 2000.

MS thesis committee for Catherine Hung. Thesis topic - "Effect of Pelvic Mobilization on Gait Speed of Elderly Nursing Home Residents." University of St. Augustine for Health Sciences, St. Augustine, FL, 2001.

PhD thesis committee for Kimberly DuBois. Thesis topic - "Self Efficacy and Outcome of Patients with Low Back Pain." University of Connecticut, Storrs, CT 2002.

MS thesis committee for Patrick Brennan. Thesis topic- "Lifestyle Physical Activity, Health, and Physical Function Among Older Adults Residing in the Community." University of Connecticut, Storrs, CT 2003.

MS thesis committee for Carleen Lindsay. Thesis topic - "Relationship Between Physical Performance Measures and Bone Mineral Density." University of Connecticut, Storrs, CT, 2003.

MS Thesis committee for Liz Hamp. Thesis topic- "Transtheoretical Model of Change in Seniors Participating in a Community Based Exercise Program." University of Connecticut, Storrs, CT 2004.

External PhD thesis examiner for Damien O'Meara. Thesis topic - "Properties of Manual Support Fixtures." University of Sydney, Sydney, Australia, 2004.

MS thesis committee for Gwyn Benny. Thesis topic- "Effect of Cervical Posture on Elbow Flexor Fatigability." University of St Augustine for Health Sciences, St Augustine, FL, 2005.

MS thesis committee for Lori Jarrett. Thesis topic - "Reliability of Examining Craniovertebral Sidebending." University of St. Augustine for Health Sciences, St. Augustine, FL, 2005.

MS project committee for Jason Smutnick. Project topic – "Sagittal Excursion of Hip and Knee During Ascent of Steps of Different Heights." University of Connecticut, Storrs, CT 2008.

MS project committee for Yelena Borisova. Project topic – "Positioning to Prevent or Reduce Range of Motion Impairments of the Paretic Shoulder after Stroke: A Meta-analysis." University of Connecticut, Storrs, CT 2009.

MS project committee for Jackie Bangert. Project topic – "Ascent of Steps of Two Heights: Effects of Limited Knee Flexion." University of Connecticut, Storrs, CT 2009.

DPT Committee for Thomas Quigley and Kimberley Grebla. Project topic- "Perception of Postural Vertical on a Tilt-Table." University of Connecticut, Storrs, CT 2009.

## **HONORARY SOCIETIES**

Alpha Eta Phi Kappa Phi

## **HONORS/AWARDS/RECOGNITIONS**

American Physical Therapy Association - Neurology Section Research Award, 1990

American Physical Therapy Association - Connecticut Chapter Research Award, 1990

American Physical Therapy Association - Helen J Hislop Award for Outstanding Contributions to Professional Literature, 1996

American Physical Therapy Association – Marian Williams Award for Research in Physical Therapy, 2005

American Physical Therapy Association – Named Catherine Worthingham Fellow, 2006.

American Physical Therapy Association – Jules M Rothstein Golden Pen Award for Scientific Writing, 2008

Division of Physical Therapy of the University of North Carolina - Margaret L Moore Distinguished Alumni Award, 1996

Stroke Council of American Heart Association - Elected Fellow, 1996.

School of Allied Health of the University of Connecticut – Dean's Leadership Award, 1998 School of Allied Health of the University of Connecticut – Golden Apple Award for Teaching, 1999, 2001, 2003, 2006

Best of the US- Neurologic Physical Therapy, 2007- present

### CERTIFICATIONS/VALIDATIONS/CREDENTIALING

Board Certified Specialist in Neurologic Physical Therapy, 1989-1999, 1999-present (recertified).

Cardiopulmonary Resuscitation and Emergency Cardiac Care Provider, 1989-2004, 2007-present (certified/validated).