

# **CURRICULUM VITA**

3/1/15

Beatrice H. Owens  
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Department of Physical Therapy  
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## **Education**

East Tennessee State University, Johnson City, TN, 1992 – 2004. Ph.D. in Biomedical Sciences with a concentration in Anatomy and Cell Biology received 2004

University of Tennessee, Memphis, TN, 1988 – 1989. B.S. in Physical Therapy received 1989

East Tennessee State University, Johnson City, TN, 1985 – 1986. Prerequisites taken for application to Physical Therapy program

Hampton High School, Hampton, TN, 1981 – 1985. Diploma received 1985

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## **Professional Licensure and Certifications**

Certified Hand Therapist, Certified by the Hand Therapy Certification Commission,  
Certification # 1071100299, November 2007 – Present

State of Tennessee Division of Health Related Boards, Committee of Physical Therapy,  
License #PT0000002033, August 1999 – Present

State of Tennessee Division of Health Related Boards, Committee of Physical Therapy,  
License #PT0000002194, January 1990 – August 1999

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## **Employment and Positions Held**

Assistant Professor, College of Clinical and Rehabilitative Health Sciences, Department of Physical Therapy, East Tennessee State University, Johnson City, TN, May 2006 – Present. Tenure received 2012.

WOC Appointment, VAMC, Mountain Home, TN 2008 - Present

Physical Therapist, Mountain States Health Alliance, Johnson City, TN 1992 – Present

Peer Reviewed Publications

Wassinger CA., McKinney H, Roane S, Davenport MJ, Owens B, Breese U, Sokell GA. The Influence of Upper Body Fatigue on Dynamic Standing Balance, *International Journal of Sports Physical Therapy*, Feb 2014; 9(1): 40-46.

Arnall DA, Nelson AG, Owens BH, Cebria MA, Sokell GA, Kanuho V, Interpreter C, Coast JR, Maximal Respiratory Pressure Reference Values for Navajo Children Ages 6-14. *Pediatric Pulmonology*. 2013; 48:804-808.

Owens B. 2004 Nov 20. Dose-dependent effects of salmon calcitonin on bone turnover in ovariectomized rats. <http://etd-submit.etsu.edu/etd/theses/available/etd-1120104-223525/>.

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Published Abstracts of Peer Reviewed Presentations

“Efficacy of an Absorption Enhanced Vitamin D3 supplement for an Aging Population”. Co-author of an abstract published June 2014 in the Journal of Nutrition, Health and Aging. Volume 18, Number 6, 2014.

“Efficacy of an Absorption Enhanced Vitamin D3 supplement for an Aging Population”. Co-author of a poster accepted for presentation at the 9<sup>th</sup> International Academy on Nutrition and Aging Conference to be held June 10-11, 2014 in Albuquerque, NM.

“The Effect of an Upper Body Fatigue Protocol on Dynamic Standing Balance in a Healthy Population”. Co-author of a poster presented at the Appalachian Student Research Forum held April 4, 2013 in Johnson City, TN.

“Academic Predictors For Passing the National Physical Therapy Exam (NPTE)”. Co-author of a poster presented at the Annual Conference of the American Physical Therapy Association held June 6-9, 2012 in Tampa, FL.

“Maximal Respiratory Pressure Reference Values for Navajo Children Ages 6 to 14 Years”. Co-author of a poster presented at the ATS International Conference to be held in San Francisco, CA, May 23, 2012.

“Effectiveness of Home Based Vestibular Rehabilitation Therapy (VRT) in Veterans”. Co-author of poster presented at ASHA Convention in New Orleans, LA, November 19-21, 2009

“Dose-Dependent Immunologic Effects of Salmon Calcitonin in Ovariectomized Rats”. Poster presented at Combined Sections Meeting of the American Physical Therapy Association, Las Vegas, NV, February 12, 2009

“Dose-dependent effects of salmon calcitonin in ovariectomized rats – a pilot study”.  
Poster presentation for East Tennessee State University Research Forum, Johnson City,  
TN, April 2003

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#### Peer Reviewed Scientific and Professional Presentations

- “Balance Assessment”. Topic presented at the Medical Challenges: Care Assessment for the Elderly Conference held in Johnson City, TN, November 21-22, 2013.
- “Management of Upper Extremity Trauma”. Topic presented at the Fall Meeting of the Tennessee Physical Therapy Association held in Kingsport, TN, September 24-25, 2011
- “Carpal Tunnel Syndrome”. Topic presented at the First Annual Mountain States Rehabilitation Symposium provided by Mountain States Health Alliance at Stanton-Gerber Hall, ETSU/VA Campus in Johnson City, TN, May 11, 2011
- “Assessment and Treatment of Balance Disorders”. Topic presented at the First Tennessee Area Agency on Aging and Disability Conference held at the Millenium Center in Johnson City, TN, April 27, 2010
- “Rehabilitation of Wrist and Hand Disorders”. Topic presented at the TPTA Tri-Cities Orthopedic and Rehabilitation Symposium held at Holston Medical Building, Kingsport, TN, November 14, 2009
- “Differential Diagnosis and PT Interventions for Impaired Mobility”. Topic presented at the Bones and Muscles: Creating and Maintaining a Healthy Foundation Conference held at Millennium Centre, Johnson City, TN, December 5, 2008.
- “Physical Therapy Screening for Medical Referral”. Seminar coordinator and presenter. Held June 28-29-2008 at Stanton-Gerber Hall on the VA Campus, Johnson City, TN, June 28-29, 2008
- “Balance Testing”. Topic presented at the Medical Challenges Conference held at the Centre at Millennium Centre, Johnson City, TN, December 7, 2007
- “Physical Therapy for the Aging Population”. Topic presented at the Medical Challenges of an Aging Population Conference held at the Centre at Millennium Centre, Johnson City, TN, November 3, 2006
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#### Peer Reviewed Abstracts (Not presented)

Owens BH, Chen ZY, Chua CC, Landy CL, Nagy TR, Hamdy RC. 2003. Dose-dependent effects of salmon calcitonin in ovariectomized rats – a pilot study [Abstract]. J Clin Densitometry 6:195

“Dose-dependent effects of salmon calcitonin in ovariectomized rats – a pilot study”.

Non-Peer Reviewed Presentations

- “Take a Bite Out of TMJ Pain”. Community informational presentations for the Health Resources Center at the Johnson City Mall, Johnson City, TN, April 2010
- “Gait/Balance”. Topic presented to 2<sup>nd</sup> and 3<sup>rd</sup> year ETSU internal medicine residents as part of their mandatory training in Geriatric Medicine. Presented at East Tennessee State University, Johnson City, TN on March 10, 2010
- “Management of Wrist and Hand Arthritis”. Community informational presentation for the Health Resources Center at the Johnson City Mall, Johnson City, TN, January 2010
- “Physical Therapy Treatment Options for TMJ Dysfunction”. Topic presented at the First District Dental Society Meeting held at the Johnson City Country Club Johnson City, TN, January 14, 2009
- “Carpal Tunnel Syndrome”. Community informational presentations for the Health Resources Center at the Johnson City Mall, Johnson City, TN, August 2005, April 2006, May 2011
- “Carpal Tunnel Syndrome”. Informational presentation for Women’s Health Series at East Tennessee State University, Johnson City, TN, November 8, 2005
- “Moving with Arthritis”. Community informational presentations for the Health Resources Center at the Johnson City Mall, Johnson City, TN, June 2004
- “Carpal Tunnel Syndrome”. Community informational presentations for Fit after 50 program at the Fort Henry Mall, Kingsport, TN 5/22/04 and 5/14/05
- “Osteoarthritis of the Wrist and Hands”. Community informational presentations for the Health Resources Center at the Johnson City Mall, Johnson City, TN, February 2004, March 2004, and April 2004
- “Carpal Tunnel Syndrome Prevention”. System-wide employee informational seminars for Mountain States Health Alliance, Johnson City, TN, April 2002, September 2002, April 2003, October 2003, March 2004
- “Cervical Spine Evaluation and Treatment”. Series of seminars presented to Rehab Services departments of Johnson City Medical Center, Johnson City, TN, 4/22/98, 4/29/98, 5/6/98
- “Shoulder Review”. Seminar presentation to staff of Rehab Plus at Johnson City Medical Center, Johnson City, TN 1/8/97
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## Grants

Co-author of a \$1.6 million interdisciplinary RO1 grant submitted to NIH Spring 2014 entitled "Efficacy of absorption enhanced vitamin D3 in males over 50 with hypovitaminosis D and absorption resistance". Not funded.

Co-investigator on a TPTA Grant for \$500 awarded April 2011 for study of fatigue induced adaptation of scapulohumeral kinematics.

Co-investigator on an Interdisciplinary Grant for \$46,500 awarded Spring 2010 for study of the effects of Vitamin D3 supplementation in patients with Osteoporosis.

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## Other Scholarly Products

Prepared and participated in a student driven interdisciplinary 2 hour case conference on acute care assessment and intervention of a patient who has suffered a stroke.  
Held at East Tennessee State University, Johnson City, TN, April 14, 2010

Invited judge for the oral presentations at the 2010 Appalachian Student Research Forum held at the Millenium Center in Johnson City, TN on April 8, 2010

Coordinated and presented an Anatomy review course with cadaver lab presentations for Walters State Community College PTA students. Held at East Tennessee State University, Johnson City, TN, October 23, 2009

Invited reviewer for a book proposal regarding designing home exercise programs for SLACK Incorporated, June 2009

Invited manuscript reviewer for a manuscript regarding Documentation in Physical Therapy for SLACK Incorporated, June 2007

Invited book reviewer for the Third Edition of *Managerial and Supervisory Principles for Physical Therapists*, by Larry J. Nosse, October 9, 2006

Coordinator and assistant instructor for Anatomy review of Upper Extremities with Cadaver Dissection for the Northeast Tennessee Hand Therapy Study group. Held at East Tennessee State University, Johnson City, TN, February 2000

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## Research Activity

Assisting Dr. Wassinger with a study assessing the fatigue induced adaptation of scapulohumeral kinematics.

Collecting data to assess any correlation between level of pre-requisite Anatomy course taken and DPT program outcomes.

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Preparing IRB submission for approval of a study to assess the attitudes of currently practicing PTs and employers on the tDPT degree.

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#### Continuing Education Workshops Organized

Member of the planning committee for the Medical Challenges: Care Assessment for the Elderly held in Johnson City, TN November 21-22, 2013

Assisted with planning and organization of the TPTA State meeting held in Kingsport, TN September 24-25, 2011

Assisted with organization and coordination of the TPTA Tri-Cities Orthopedic and Rehabilitation Symposium held at Holston Medical Building, Kingsport, TN, November 14, 2009

“Physical Therapy Screening for Medical Referral”. Seminar coordinator and presenter. Held June 28-29-2008 at Stanton-Gerber Hall on the VA Campus, Johnson City, TN, June 28-29, 2008

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#### Membership in Scientific/Professional Organizations

Northeast Tennessee Hand Therapy Study Group member, 1996 – Present

- Coordinator and assistant instructor for Anatomy review of Upper Extremities with Cadaver Dissection for the Northeast Tennessee Hand Therapy Study group. Held at East Tennessee State University, Johnson City, TN, February 2000

Tennessee Physical Therapy Association member, 1988 – March 2001, 2006 - Present

- Assisted with planning and organization of the TPTA State meeting held in Kingsport, TN September 24-25, 2011
- Appointed as a member of the Community Involvement Team for the Tri-Cities district of the TPTA, 2009-2010
- Assisted with organization and coordination of the TPTA Tri-Cities Orthopedic and Rehabilitation Symposium held at Holston Medical Building, Kingsport, TN, November 14, 2009
- Tennessee Physical Therapy Association Research Committee Member, 1994, 1995
- Tennessee Physical Therapy Association Nominating Committee Member, 1994

Northeast Tennessee Craniofacial Study Group member, 1992 – 1995

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#### Consultative and Advisory Positions Held

WOC Appointment, VAMC, Mountain Home, TN 2008 - Present

Physical Therapist Consultant, Mountain States Health Alliance, Johnson City, TN  
2006 – Present

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### Community Service

Invited presenter for a community running group. Presented on “Injury Prevention” in  
Johnson City, TN September 17, 2012

Provided falls/balance screenings and an informational booth at the Johnson City Senior  
Center, Johnson City, TN May 11, 2011

Member of a Multidisciplinary Falls Assessment team providing clinical evaluation of  
community members, Fall 2008 – Spring 2010

Invited alumni presenter for Career Fair at Hampton High School, Hampton, TN,  
October 20, 2006

Hemophilia Clinic Physical Therapy coverage and screenings for First Regional  
Hemophilia Clinic, Johnson City, TN 7/14/95 and 1/23/96

Judge for HOSA student competition held at East Tennessee State University, Johnson  
City, TN 3/7/95

Screenings during physical examinations for area High School athletes, 1990 – 1995

Judge for “Physical Therapy Assisting” competition, Regional HOSA competition for  
Physical Therapy Assistant Scholarships held at East Tennessee State University,  
Johnson City, TN, 3/2/93

Sports Medicine Coverage for Eastman Invitational Track and Field Events, Johnson  
City, TN, 1/30/93

Sports Medicine Coverage for Arby’s Classic Basketball Tournament, Bristol, TN 1990,  
1991 and 1993

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### Services to the University/College/School

Departmental program assessment committee member Fall 2014 – present

Departmental faculty development committee member Fall 2014 – present

College Promotion and Tenure review committee Fall 2014 – present

TPTA Student Organization Advisor Fall 2014 – present

Departmental facilities and equipment committee member Fall 2014 - present

Departmental representative for the College of Clinical and Rehabilitative Health Sciences marketing committee June 2014 - present

Departmental representative for faculty senate January 2014 – present

Graduate coordinator for Department of Physical Therapy September 2014 – present

Member of the PT Chair Selection committee 2012-2013

Member of the departmental search committee to fill positions for the Executive Aide and clerical support staff positions 2012-2013

Member of the PT Faculty search committee 2010, 2012, 2013 and 2015

Graduate faculty representative as outside observer and evaluator of the thesis defense for an Ed.D. candidate held October 7, 2010

Banner Carrier for the College of Clinical and Rehabilitative Health Sciences for graduation ceremonies held on May 8, 2010

Assistant Chair, Department of Physical Therapy, May 2009 – present

Member of the College of Clinical and Rehabilitative Health Sciences Curriculum Committee, Spring 2009 – Present

Member of a Multidisciplinary Falls Assessment team providing clinical evaluation of community members, Fall 2008 – Spring 2010

Member of the College of Rehabilitative Health Sciences Faculty and Student Research and 3<sup>rd</sup> Year Tenure Review Committee, Fall 2007 – 2008

Member of East Tennessee State University's Planning and Institutional Effectiveness subcommittee for the Physical Therapy department, Spring 2007

Member of Physical Therapy task force appointed to investigate the possibilities of initiating a Residency Program for physical therapy students, Fall 2006 – 2009

Thesis committee Member for Master's student, Allison Bolt, pursuing a Master of Science in Allied Health, September, 2006 – 2009

Advisor for all Advanced Standing DPT students, September 2006 – Present

Physical Therapy department Admissions Committee member, 2006 – Present,  
Admissions Coordinator March, 2011 - present

Physical Therapy department Promotion and Retention Committee member, 2006 – Present



Guest lecturer – “Clinical Applications for the Temporomandibular Joint” presented for Physical Therapy department, Fall 2001, Summer 2003, Summer 2004 and Summer 2005

Physical Therapy Curriculum Committee Member, Summer 1998, 2006 - Present

Interview Team Member for evaluation of candidates applying for admission to the Physical Therapy program, 1996, 1997, 2001, 2006- Present

Guest lecturer – “Introduction to Temporomandibular Joint Dysfunction” presented for Physical Therapy department, 3/19/96

Career Day presenter for Upward Bound Program, Summer 1993

Guest lecturer – “Evaluation of the Hip and Thigh” presented for 3065 Athletic Injury Assessment Course, Department of Education 11/3/92

Guest lecturer – “Hot and Cold – Physiology and Modalities” presented for Physical Therapy Assistant students, Walters State Community College September 10, 11, & 14, 1998

Guest lecturer – “Ultrasound” presented for Physical Therapy Assistant students, Walters State Community College, Spring 1995

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### Honors and Awards

Five-star award winner, Johnson City Medical Center, Johnson City, TN, December 1998

Honors graduate, University of Tennessee, Memphis, TN, 1989

Alpha Lambda Delta Honor Society, East Tennessee State University, Johnson City, TN, 1987

Dean’s list, East Tennessee State University, Johnson City, TN, 1985 – 1987

Valedictorian, Hampton High School, Hampton, TN, 1985

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### Continuing Education Attended

APTA Combined Sections Meeting. Held 2/5/15 – 2/7/15 in Indianapolis, IN.

Presentations attended include: All Thumbs: Management of Musculoskeletal Conditions of the Thumb; Current Evidence for Use of Physical Agents in Rehabilitation Oncology: Fact vs Fiction; Anterior Shoulder Pathology in Athletes: From Micro to Macro; A Clinical Reasoning Approach to Management of TFCC Dysfunction; Management of Fractures of the Elbow and Wrist; Sports-Related Concussion: Evidence-Based Assessment and Management.

TPTA State Meeting held September 26-27, 2014 in Knoxville, TN. Attended presentations on Ethics in Physical Therapy Practice; Jurisprudence: Physical Therapy Practice in Tennessee; Health Related Audits/Fraud & Abuse; and Exercise Compliance for Seniors.

APTA NEXT Conference. Held 6/11/14 – 6/14/14 in Charlotte, NC. Presentations attended included March in Time: Effects of Shoe Wear and Orthoses; the 45<sup>th</sup> Mary McMillan Lecture: If Greatness is a Goal; Implementing the Annual PT Examination into Your Practice; Cerebral Concussion in Athletics: What the Physical Therapist Needs to Know; The Jigsaw Strategy: Docendo Discimus; A Payment Culture Shift: Transitioning From a Fee-for-Service to a Value-Based Model; Interprofessionalism: Is it Campfire Kumbaya, or the Means to a Triple Aim (Better Health, Better Care, Lower Cost)?

TPTA State Meeting held March 28, 2014 in Nashville, TN. Attended presentation on Athletic Injuries of the Forearm and Hand & Athletic Injuries of the Lumbar Spine.

APTA Combined Sections Meeting. Held 2/3/14 – 2/6/14 in Las Vegas, NV. Presentations attended include Management of Upper Quadrant Conditions: What a Pain in the Neck!; Exercise Prescription for Shoulder Problems: Moving Away from “One Size Fits All”; The Dupuytren Dilemma: Why Can’t the PIP Joint Act Like the MC Joint?; Upper Extremity Traumatic Nerve Injury in Adults; Everything You Wanted to Know About Cochrane Reviews but Were Afraid to Ask; Rehabilitation Considerations for the Female Athlete; Tips and Tricks for Diagnosing and Managing Common Elbow Disorders; Clinical Pattern Recognition of Head, Neck and Shoulder Red Flags: Perspectives from Major League Baseball, The US Military, and Collegiate Athletes; Therapeutic Exercise and Manual Therapy: An Analysis of the Independent and Synergistic Effects.

Successful Rehabilitation Leadership and Management in an Evolving Healthcare World. Held 12/5/13 in Knoxville, TN.

Nerve Entrapments of the Upper Extremity. Held 10/29/13 in Knoxville, TN.

Annual Conference of the ATPA Meeting Held 6/26/13 – 6/29/14 in Salt Lake City, FL. Presentations included a pre-conference NPTE Faculty workshop course.

TPTA State Meeting held April 12-13, 2013 in Nashville, TN. Attended presentations on Upper Extremity Anatomy Review with Clinical Applications as well as Pilates and Rehabilitation.

Annual Conference of the APTA Meeting Held 6/7/12 – 6/9/12 in Tampa, FL. Presentations attended include: Our Patients are Learners, Too: 7 Steps to Optimizing Patient Education and Adherence; Interprofessional Education and Interprofessional Practice: Creating a Lasting Bridge; Examination and Management of Soft Tissue Restrictions and Upper Quadrant Impairments; Medical Necessity: The Importance of Diagnosis, Documentation, and Coding; Emerging Issues in Medicare: What Every PT Needs to Know to Comply with Regulations; ACOs, Medical Homes, and the Future of PT Practice; Successful Business and Organizational Models for Residency and Fellowship Development.

Introduction to the Craniocervical and Craniomandibular Biomechanics. Held 6/6/12 in

Tampa, FL.

APTA Combined Sections Meeting. Held 2/9/12 – 2/11/12 in Chicago, IL. Presentations attended include: Screening for Medical Problems in the Upper Extremity; A User-Friendly Framework for Evidence-Based Decision Making in Electrotherapy; A Critical Appraisal of Clinical Prediction Rules for Physical Therapists; Sport Specific Rehabilitation of Shoulder Athletes; Promoting the Scholarship of Teaching and Learning Using Video-based Cases; Self-Report and Physical Performance Functional Measures; Graded Motor Imagery; Differential Diagnosis and Management of Atypical Benign Paroxysmal Positional Vertigo.

Neurodynamic Examination and Intervention for Individuals with Upper Extremity Dysfunction. Held 2/8/12 in Chicago, IL.

Peripheral Nerve Testing and What You Need to Know in Practice. Held 11/5/11 – 11/6/11 in Baton Rouge, LA.

TPTA State Meeting held 9/24/11 – 9/25/11 in Kingsport, TN. Attended presentations on Shoulder Dyskinesia, How to Survive an Audit, Interpreting Imaging Studies, and Management of Complex UE Trauma.

The First Annual Mountain States Rehabilitation Symposium. Held 5/21/11 at Stanton-Gerber Hall, ETSU/VA Campus, Johnson City, TN.

TPTA State Meeting held 4/9/11 in Nashville, TN. Attended presentations on Shoulder Instabilities with Emphasis on Sports (pitching, golf) and Upper Extremity Brachial Plexus Problems in the Adult and Pediatric Population.

APTA Combined Sections Meeting. Held 2/8/11 – 2/12/11 in New Orleans, LA. Presentations attended include: Pre Conference Splinting course; Electro is No Voodoo: What are These Waveforms, What Are They Used For, and a Little Lagniappe; Advancing Physical Therapy Education: What Can We Learn from the Carnegie Foundation Comparative Studies of the Professions: Getting Started in Educational Research; Osteoporosis Community-Based Programs: Pilates and Stand Tall; Management of Elbow, Wrist and Hand Fractures; Comprehensive Data Analysis in Qualitative Research: Making Sense of the Data.

Ethics in Physical Therapy Practice. Held 12/4/10 in Johnson City, TN.

Jurisprudence – The Legal Basis of Physical Therapy Practice. Held 12/4/10 in Johnson City, TN.

The American Physical Therapy Association Self-Study Workshop. Held 9/29/10 – 9/30/10 in San Antonio, TX.

Educational Leadership Conference. Held 10/1/10 – 10/3/10 in San Antonio, TX.

Screening for Medical Referral: Musculoskeletal Complaints and Conditions. Held 11/21/09 – 11/22/09 in Chapel Hill, NC.

NPTE Workshop for Faculty. Held 10/1/09 – 10/2/09 in San Diego, CA.

APTA Combined Sections Meeting. Held 2/9/09 – 2/12/09 in Las Vegas, NV.

Presentations attended include: Electrothermal Modalities Heavyweights – Ultrasound and Diathermy: Revisit and Update; Movement System Impairment Diagnosis and Intervention of Cervical Spine and Temporomandibular Joint Pain Syndromes: Consideration of Adjacent Regions; What You Need to Know Before Exercising Patients Taking Anti-inflammatory Agents and Other Pain Medications; Balance and Falls SIG Meeting and Educational Session – It's a Matter of "Balance": In Search of a Consensus Definition; Joint, Muscle, But What About the Tendon? Mechanisms Underlying Tendinopathies and the Basis for Effective Interventions; Therapeutic Modalities: What Drives the Decision-Making Process?; and Platform Presentation on A Novel Approach to Splinting After Dupuytren's Contracture Surgery.

Ethics in Physical Therapy Practice. Held 12/08 in Kingsport, TN.

Jurisprudence – The Legal Basis of Physical Therapy Practice. Held 12/08 in Kingsport, TN.

APTA Combined Sections Meeting. Held 2/6/08 – 2/9/08 in Nashville, TN.

Presentations attended include: The Linda Crane Lecture – The Challenge for The Future: How to Improve Quality, Incorporate Prevention, Maintain Productivity, and Have Fun!; Common Disorders of the Wrist: Evaluation and Treatment; Identification and Overview of Conservative Treatment of Thoracic Outlet Syndrome; Manual Therapy for the Upper Extremity "it is"; Combining Your Passions: Partnering With Your Faith Community in Health Promotion and Professional Advocacy; Interferential Current: A Reintroduction and Look at Best Evidence; Leadership and Management in Physical Therapy Administration: Using Evidence, Experience, and Application to Enhance Personal and Team Effectiveness; Common Pharmaceutical Agents (Drugs) and Their Effects Upon Physical Activity; and Platform Presentation on The Effect of Skin Thickness in the Absorption of Dexamethasone Sodium Phosphate in Human Connective Tissue Using Iontophoresis.

Teaching Manipulation: An Evidence Based Approach – A Clinical Instructor and Faculty Workshop. Held 7/21/07 – 7/22/07 in Nashville, TN.

Aquatic Physical Therapy Workshop. Held 6/26/07 in Johnson City, TN.

Total Motion Release – A Different Approach to Pain Relief. Held 5/4/07 – 5/6/07 in Raleigh, NC.

APTA Combined Sections Meeting. Held 2/14/07 – 2/18/07 in Boston, MA.

Presentations attended include: Administration and Management Skills for Tomorrow's Physical Therapist: 2007 Update; Quality Improvement Meets Evidence-Based Practice; Evaluating the Current Evidence Base for Low-Intensity Pulsed Ultrasound, Phonophoresis and Iontophoresis; Pay-for-Performance: A Model for Future Payment in Physical Therapy; Panel Discussion on Osteoporosis/Osteopenia; and Platform Presentation on the Pharmacology Content in Physical Therapy Education in the US.

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### Current Teaching Responsibilities

Course Coordinator and Instructor for PHYT 2000 Introduction to Physical Therapy for the Department of Physical Therapy, East Tennessee State University, Johnson City, TN, Spring 2011, Spring 2012, Spring 2013, Spring 2014

Co-Instructor for PHYT 6462 Scientific Inquiry for the Department of Physical Therapy, East Tennessee State University, Johnson City, TN, Spring 2010

Co-Instructor for PHYT 6103 Biomechanics for the Department of Physical Therapy, East Tennessee State University, Johnson City, TN, Spring 2009, Spring 2010, Spring 2011, Spring 2012, Spring 2013, Spring 2014

Course Coordinator and Instructor for PHYT 6111 PT Basic Skills I for the Department of Physical Therapy, East Tennessee State University, Johnson City, TN, Spring 2007, Spring 2008, Spring 2009, Spring 2010, Spring 2011, Spring 2012, Spring 2013, Spring 2014

Co-Coordinator and Co-Instructor for PHYT 6452 Clinical Correlates I for the Department of Physical Therapy, East Tennessee State University, Johnson City, TN, Spring 2007, Spring 2010, Spring 2012, Spring 2013

Co-Instructor for PHYT 7764 Case Study in PT for the Department of Physical Therapy, East Tennessee State University, Johnson City, TN, Spring 2007, Spring 2008, Spring 2009, Spring 2010, Spring 2011, Spring 2012, Spring 2013, Spring 2014

Co-Instructor for PHYT 6213 Basic Skills III for the Department of Physical Therapy, East Tennessee State University, Johnson City, TN, Summer 2010

Co-Instructor for PHYT 6553 Professional Issues II for the Department of Physical Therapy, East Tennessee State University, Johnson City, TN, Summer 2010

Course Coordinator and Instructor for PHYT 6212 PT Basic Skills II for the Department of Physical Therapy, East Tennessee State University, Johnson City, TN, Summer 2007, Summer 2008, Summer 2009, Summer 2010, Summer 2011, Summer 2012, Summer 2013, Summer 2014

Co-Coordinator and Co-Instructor for PHYT 6554 Clinical Correlates II for the Department of Physical Therapy, East Tennessee State University, Johnson City, TN, Summer 2007, Summer 2010, Summer 2012, Summer 2013, Summer 2014

Course Coordinator and Instructor for PHYT 7883 PT Management and Leadership for the Department of Physical Therapy, East Tennessee State University, Johnson City, TN, Summer 2007, Summer 2008, Summer 2009, Summer 2010, Summer 2011, Summer 2012

Course Coordinator and Instructor for PHYT 7857 Differential Diagnosis for the

Department of Physical Therapy, East Tennessee State University, Johnson City, TN,  
Summer 2006, Summer 2007, Summer 2008, Summer 2009, Summer 2010, Summer  
2011, Summer 2012, Summer 2013, Summer 2014

Co- Instructor for PHYT 6221 Musculoskeletal I – Upper Quarter for the Department  
of Physical Therapy, East Tennessee State University, Johnson City, TN, Summer 2006,  
Summer 2007, Summer 2008, Summer 2009, Summer 2010, Summer 2011, Summer  
2012, Summer 2013, Summer 2014

Course Coordinator and Instructor for PHYT 6315 Electrotherapeutics for the  
Department of Physical Therapy, East Tennessee State University, Johnson City, TN,  
Fall 2008, Fall 2009, Fall 2010, Fall 2011, Fall 2012, Fall 2013

Course Coordinator and Instructor for PHYT 6681 Administration and Management for  
the Department of Physical Therapy, East Tennessee State University, Johnson City, TN,  
Fall 2006, Fall 2007, Fall 2008, Fall 2009, Fall 2010, Fall 2011  
Course Title Changes to Administration, Management and Leadership in Fall of 2012.  
Coordinated and taught Fall 2012, Fall 2013

Co-Instructor for PHYT 6314 PT Basic Skills IV- Soft Tissue Management for the  
Department of Physical Therapy, East Tennessee State University, Johnson City,  
TN, Fall 2006

Co-Instructor for PHYT 6322 Musculoskeletal II - Lower Quarter for the Department of  
Physical Therapy, East Tennessee State University, Johnson City, TN, Fall 2006

Course Coordinator and Instructor for PHYT 6314 PT Basic Skills IV for the Department  
of Physical Therapy, East Tennessee State University, Johnson City, TN, Fall 2004

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