

CURRICULUM VITAE
RUPAL M. PATEL, PT, MS
September 2006

Education

- 2006** Pre-doctoral student, School of Public Health, University of Texas Health Science Center, Houston, TX
- 1991** Master of Science in Physical Therapy, Texas Woman's University, Houston, TX
- 1990** Bachelor of Science in Physical Therapy, Texas Woman's University, Denton, TX

Professional Certification/Licensure

- 1991** Physical Therapist, Texas License Number 1068203
- 1996** NDTA (Neuro-Developmental Treatment Association)
NDTA Certified in Adult Hemiplegia

Employment

- 9-06-** *Assistant Clinical Professor, School of Physical Therapy, Texas Woman's University, Houston Campus. . Assist with teaching content in courses related to neuro-rehabilitation. Teach balance & vestibular rehabilitation content in curriculum. Coordinate clinical learning opportunities for students during the first year of the curriculum. Facilitate integration of Problem Based Learning into the curriculum.. Supervise student projects for professional project research.*
- 9/05-8/06** *Visiting Assistant Clinical Professor, School of Physical Therapy, Texas Woman's University, Houston campus. Assist with teaching content in courses related to neuro-rehabilitation. Teach balance & vestibular rehabilitation content in curriculum. Conduct midterm conferences associated with students' clinical internships. Supervise student projects for professional project research.*
- 9/02-8/05** *Assistant Clinical Professor & Director of Clinical Education (DCE), School of Physical Therapy, Texas Woman's University, Dallas Presbyterian Campus. Responsible for the development, implementation & evaluation of the clinical education component of the professional curriculum. Coordinate & teach seminars associated with clinical education. Teach content related to neuro-rehabilitation & vestibular rehabilitation in the curriculum. Mentor students with professional research projects.*
- 11/97-8/02** *Clinical Instructor & Assistant Academic Coordinator of Clinical Education (ACCE), School of Physical Therapy, Texas Woman's University-Dallas Presbyterian Campus. Assist the ACCE in the development, implementation & evaluation of clinical education programs. Teach seminars associated with clinical education within the curriculum. Coordinate and teach advanced neuro-rehabilitation treatment content. Assist with courses related to neuro-rehabilitation & basic clinical skills. Teach postural control & vestibular rehabilitation content in curriculum. Supervise student projects for professional project research.*

- 1/97- PRN Physical Therapist, DFW Area, (several companies). Responsible for evaluation & treatment of various types of patients in skilled nursing, neuro rehab, sub-acute & home health settings throughout the DFW area. Perform inservices, QA & utilization review as needed. Act as a clinical consultant in the area of neurological, balance & vestibular rehabilitation for various clinical sites.
- 5/96-12/96 Program Supervisor, Symphony Rehabilitation Services, Kenwood Nursing Center, Dallas, TX. Responsible for the management & daily operations of the rehab department consisting of OT, PT, & SLP staff members. Performed evaluation & treatment of geriatric patients with neurological & orthopedic conditions.
- 9/93-10/95 Physical Therapist II, Brain Injury Program, The Institute for Rehabilitation & Research (TIRR), Houston, TX. Evaluated & treated patients with neurologic injuries with an emphasis on brain injury (BI) & stroke diagnoses. Provided orientation, mentoring, & supervision to new staff in PT as well as other disciplines. Served as clinical consultant to TIRR staff & physicians on balance & vestibular related diagnoses. Served as Clinical Instructor to physical therapy students. Initiated a Journal Club to discuss clinical & research issues in neurologic PT. Co-facilitated the development of an interdisciplinary group to address community re-entry issues with BI patients.
- 7/91-9/93 Physical Therapist I, Brain Injury Team, TIRR, Houston, TX. . Evaluated & treated patients with neurologic injuries with an emphasis on brain injury (BI) & stroke diagnoses.
- 1/91-6/91 Physical Therapist, St. Luke's Episcopal Hospital, Houston, TX. Evaluated & treated patients in various areas, which included: phase I cardiac rehabilitation, wound care, acute orthopedics, acute neurology, transplant services, & intensive care units

Professional Paper:

"Intertester & Intratester Reliability of the Inclinator in Measuring True Lumbar Flexion."

TEACHING

Courses Taught at TWU

Professional Program:

- PT 5935 – Internship I (1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006)
- PT 5945 – Internship II (1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006)
- PT 5955 – Internship III (1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006)
- PT 5921 - Professional Issues & Topics in PT (1998, 1999, 2000, 2000, 2002, 2003, 2004, 2005, 2006)
- PT 5011 – Seminar I (Summer 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006)
- PT 5801 – Seminar III (Spring 2001, 2003, 2004, 2005)
- PT 5811 – Clinical Practicum I (Summer 1998, 2000)
- PT 5193 – Therapeutics Activities III (Spring 1998, 1999, 2000, 2001, 2003, 2004, 2005, 2006)
- PT 5191 – Applied Neurorehabilitation (Spring 1999, 2000, 2001, 2003, 2004, 2005)
- PT 5073 – PT Evaluation (Fall 1998, 1999, 2000, 2001, 2003, 2004, 2005)
- PT 5071 – Applied PT Evaluation (Fall 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005)
- PT 5153 – PT Treatment Procedures (Fall 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006)
- PT 5062 – Medicine & Surgery (Spring 1999)
- PT 5973 – Professional Paper (Fall 1998, 1999, 2000, 2001)
- PT 5971 – Professional Paper (Spring 1998, 1999, 2000, 2001)

PT 5871 – Professional Project (Summer 2001, 2002, 2003, 2004, 2005, 2006)
PT 5881 – Professional Project (Fall 2001, 2002, 2003, 2004, 2005, 2006)
PT 5891 – Professional Project (Spring 2003, 2004, 2005, 2006)

Postprofessional Program:

PT 5903 – Evaluation & Management of Individuals with Balance, Vestibular and/or
Brainstem Pathologies (Fall 2000)
PT 5913 – Cognitive Issues in Neurologic Physical Therapy (Summer 1999).
PT 5023 – Neural Basis of Motion: Motor Control (Summer 1998)

Masters' Professional Papers

Duke Mobility Skills Protocol: Manuscript Preparation (2001, Chair)
Efficacy of Vestibular Rehabilitation: A Literature Review (2001, Chair)
Correlation of Blue MACS VAS scores to Number of Key Indicators Completed (2001, Chair)
Hyperbaric Oxygen Therapy for Children with Cerebral Palsy: A Proposal for a Study (2001,
Chair)
TX Clinical Education Site Usage by Out of State Physical Therapy Programs: A Survey (2001,
Chair)
Duke Mobility Skills Protocol: Age & Gender Related Performance Data: Phase II (2000, Chair)
Correlation of the Duke Mobility Skills Protocol to the Timed Up & Go Test (2000, Chair)
Use of the Duke Mobility Skills Protocol with TBI Patients to Determine Independence in
Community Mobility Skills (2000, Chair)
Duke Mobility Skills Protocol: Age & Gender Related Performance Data: Phase I (1999, Chair)
Interrater Reliability of the Duke Mobility Skills Protocol on Healthy Adults (1999, Chair)

Masters' Professional Projects

Body Weight Supported Treadmill training (BWSTT) on a Patient with Traumatic Brain Injury
(TBI): A Case Report (2006, Chair)
The Influence of Clinical Instructor Training on Rating Student Physical Therapist's Performance
Using The Physical Therapist Manual for the Assessment of Clinical Skills (PT MACS).
(2006, Chair)
The Influence of Clinical Instructor Training on Rating Student Physical Therapist's Performance
using the Physical Therapist Manual for the Assessment of Clinical Skills
(PT MACS): Phase I. (2005, Chair)
Development of Video Vignettes as a Teaching Tool for the Physical Therapist Manual for the
Assessment of Clinical Skills: PT MACS. (2004, Chair).
Productivity of Clinical Instructors: A Survey (2003).
Use of The Guide to Physical Therapy Practice by Clinicians and Students: A Survey. (2003,
Chair).
Development of the DukeCognitive: A Pilot Study (2002)
Perceptionsof Allied Health Advisors at Undergraduate Institutions regarding physical therapy.
(2002, Chair)

SCHOLARSHIP/CREATIVE ACHIEVEMENTS

Refereed Publications or Other Creative Achievements

Books and Contributions to Books:

Patel, R, Dillon L & Nagel, M. (eds). (2004): Physical Therapist Manual for the
Assessment of Clinical Skills: PT MACS. Edition 1. Texas Consortium for

- Physical Therapy Clinical Education, Inc. MedRec, San Antonio, Tx.
- Patel, R, Dillon L & Nagel, M. (eds). (2003): Physical Therapist Manual for the Assessment of Clinical Skills: PT MACS. Draft Version 3.0. Texas Consortium for Physical Therapy Clinical Education, Inc., Dallas, TX
- Patel, R, Dillon, L. (eds). (2002). Physical Therapist Manual for the Assessment of Clinical Skills: PT MACS. Draft Version 2.0. Texas Consortium for Physical Therapy Clinical Education, Inc. , Dallas, TX

Abstracts:

- Patel, R, Hoffman, G & Medley A. Use of the Duke Mobility Skills Protocol for Patients with Brain Injury to Determine Independence in Community Mobility Skills. *Neurology Report, February 2001*
- Patel, R & Hanten, W. Intertester & Intratester Reliability of the Inclinator in Measuring True Lumbar Flexion. *Physical Therapy, June 1992*.

Non-Refereed Publications or Other Creative Achievements

- Patel R & Medley A. (2005) Balance & Vestibular Rehabilitation: An Introductory Course. Longview, Texas: Centre of Rehab Excellence (course syllabus for 16 contact hour continuing education course).
- Patel, R. (2004) PT MACS: Video Vignettes, Dallas, TX (CD ROM teaching tool for clinical instructors and students).
- Patel R & Medley A. (2000). NDT for the Adult Neurological Patient: An Introductory Course. Dallas, Texas: HIS Hospital of Dallas. (75 page course syllabus for 16 contact hour continuing education course).
- Patel, R & Koon, W. (1997). Balance & Vestibular Rehabilitation: Principles, Evaluation & Functional Applications in Treatment. Dallas, Texas: Premier Continuing Education, Inc. (104 page course syllabus for 16 contact hour continuing education course).

Presentations at Professional Meetings

Refereed or Scientific Presentations:

- Patel, R. & Mitchell, K. (2006) Implementation of a Problem-based Learning (PBL) model during the first semester of a professional physical therapy curriculum. Advances in Teaching and Learning Regional Conference, UT Health Science Center, Houston, TX.
- Patel, R. (2004) Development of Video Vignettes Teaching Tools for Use with the *Physical Therapist Manual for the Assessment of Clinical Skills (PT MACS)*. Texas Society of Allied Health Professions 27th Annual Conference, San Antonio, TX
- Patel, R. (2004) Assessing Clinical Competence of Student Physical Therapists in Managing Patients Across the Life Span Using the *Physical Therapist Manual for the Assessment of Clinical Skills (PT MACS)*. Texas Society of Allied Health Professions 27th Annual Conference, San Antonio, TX
- Henrickson, J, Patel, R & Medley A. (2001). The Efficacy of Vestibular Rehabilitation: A Literature Review. Texas Physical Therapy Association Annual Conference, Dallas, TX.
- Conrad, M, Patel, R & Tweedy, M. (2001). Correlation of The Number of Key Indicators Completed and The Visual Analog Scale Scores in *The Blue MACS* of Texas Woman's University PT Students: 1999-2000. Texas Physical Therapy Association Annual Conference, Dallas, TX.
- Patel R, Balabuch, K, Tweedy, M, Thompson, M. (2001). Texas Clinical Education Site Use by Students From Out-of-State Physical Therapy Programs. Texas Physical Therapy Association Annual Conference, Dallas, TX.

- Patel, R, Hoffman, G & Medley, A. (2001). Use of the Duke Mobility Skills Protocol for Patients with Brain Injury to Determine Independence in Community Mobility Skills. American Physical Therapy Association Combined Sections Meeting, San Antonio, TX
- Patel, R, Hoffman, G & Medley, A. (2000). Use of the Duke Mobility Skills Protocol for Patients with Brain Injury to Determine Independence in Community Mobility Skills. Texas Physical Therapy Association Annual Conference, Austin, TX.
- Patel, R, Vechinski, T, Buford, C & Medley A. (2000). Age and Gender Related Performance Data from the Duke Mobility Skills Protocol and its Correlation with the Timed Up & Go Test." Texas Physical Therapy Association Annual Conference, Austin, TX.
- Patel, R & Sedatole K. (1993). Music Therapy-Physical Therapy Co-Treatment for the Management of Behavior Problems in a TBI Patient--A Case Study. Texas Physical Therapy Association Annual Conference, Austin, TX.
- Patel, R & Hanten W. (1992). Intertester & Intratester Reliability of the Inclinator in Measuring True Lumbar Flexion. American Physical Therapy Association Annual Conference, Denver, CO.

Invited Presentations:

- Patel, R, Nagel, M, & Devahl, J. (April 2006). Texas Consortium's Clinical Instructor Certification Course. Tarrant County College, Bedford, TX.
- Patel, R, Dillon, L, Potter, J & Utsey, C. (2005). Texas Consortium's Clinical Instructor Certification Course. Texas Physical Therapy Association Annual Conference, The Woodlands, TX
- Patel, R, Nagel, M, & Devahl, J. (November 2005). Texas Consortium's Clinical Instructor Certification Course. Tarrant County College, Bedford, TX.
- Patel, R, Medley, A. (2005) Balance & Vestibular Rehabilitation: A Basic Course. Center for Rehab Excellence, Longview, TX
- Patel, R, Nagel, M, & Devahl, J. (April 2005). Texas Consortium's Clinical Instructor Certification Course. Tarrant County College, Bedford, TX.
- Patel, R. (2004) Balance & Aging. India Association of North Texas, Women's Forum. Dallas, TX.
- Patel, R, Medley, A. (2004) Balance & Vestibular Rehabilitation: A Basic Course. Sante Rehab Group, Fort Worth, TX
- Patel, R. (2004) *PT MACS Update* for TWU Dallas PT faculty during Research Brown Bag seminar.
- Patel, R. (2004) *PT MACS Inservice* for Presbyterian Hospital of Dallas PT Staff.
- Patel, R, Nagel, M, & Devahl, J. (2004). Texas Consortium's Clinical Instructor Certification Course. Tarrant County College, Bedford, TX.
- Patel, R, Nagel, M, & Devahl, J. (2004). Texas Consortium's Clinical Instructor Certification Course. Baylor Rehabilitation Systems, Dallas, TX.
- Patel, R, Nagel, M, & Devahl, J. (2004). Texas Consortium's Clinical Instructor Certification Course. Healthsouth DFW Arrea Outpatient Division, Dallas, TX.
- Patel, R, Nagel, M, Crabtree S, & Gleeson, P. (2004). Texas Consortium's Clinical Instructor Certification Course. Texas Consortium's Clinical Educator's Workshop, Dallas, TX.
- Patel, R, Thomas, E. (2003). Texas Consortium's Clinical Instructor Certification Course. Warm Springs Rehabilitation Hospital, San Antonio, TX.
- Patel, R, Nagel, M, Utsey, C, & Devahl, J. (2003). Texas Consortium's Clinical Instructor Certification Course. Texas physical Therapy Association Annual Conference, Austin, TX.
- Patel, R, Nagel, M & DeVahl, J. (2003). Texas Consortium's Clinical Instructor Certification Course. Presbyterian Hospital of Dallas, Dallas, TX
- Patel, R, Nagel, M & Gleeson, P. (2003) Texas Consortium's Clinical Instructor Certification Course. Baylor University medical Center, Dallas, TX.
- Patel, R. (2003). An Introduction to the PT MACS. Cook Children's Medical Center, Fort Worth, TX.

- Patel R, & Medley A. (2002). NDT for the Adult Neurologic Patient: An Introductory Course. Baylor Irving Medical Center, Irving, TX.
- Patel, R, Tweedy M, Nagel M, & Carroll B. (2001). Texas Consortium's Clinical Instructor Certification Course. Cook Children's Hospital, Forth Worth, TX
- Patel, R, Gleeson P, Nagel M, & Carroll B. (2001). Texas Consortium's Clinical Instructor Certification Course. Texas Physical Therapy Association's Annual Conference, Arlington, TX.
- Patel R, Medley A. (2000) NDT for the Adult Neurologic Patient: In Introductory Course. IHS Hospital of Dallas, Dallas, TX.
- Patel, R, Gleeson P, Melzer B, & Carroll, B. (1999). Texas Consortium's Clinical Instructor Certification Course. Texas Physical Therapy Association's Texas Spring Summit, Dallas, TX.
- Patel, R & Thompson, M. (1999). Exercise After CVA. Inservice at The Cooper Aerobics Center, Dallas, TX.
- Patel, R, Overby A, & Deyo, K. (1996). Practical Application of Balance Assessment & Training. Texas Physical Therapy Association Annual Conference, Houston, TX.
- Patel, R & Sedatole, K. (1993). Music Therapy-Physical Therapy Co-Treatment for the Management of Behavior Problems in a Traumatic Brain Injury Patient. The Joint Congress of North American Music Therapy, Toronto, Canada.
- Patel, R, Reiss, L & Reiss, B. (1993). Treatment of the Neurological Patient for the PTA. Texas Physical Therapy Association's Texas Fall Seminar, Galveston, TX.

PROFESSIONAL SERVICE

Service Activities for the University, College, Component

University Service:

- Faculty Center Advisory Board, 2006-
- Task Force on Promotion & Tenure: 2004-2006
- Associate Provost Search Committee: 2004-2005
- Traffic Appeals Committee: 2004-present
- Faculty Senator, School of Physical Therapy-Dallas Campus, 2001-2003
- State Employee Charitable Contributions Campaign (SECCC) Committee member, Dallas Center: 1998, 1999, 2000, 2001, 2002
- Career Services Advisory Board member, 1999-2000

School of Physical Therapy Service:

- Professional Curriculum Committee member: 2002-2005, co-chair for 2004-2005, 2006-
- Transitional DPT Committee, 2006-t
- Clinical Education Committee member: 1997-2005
- Dallas PT Open House Coordinator: 2000, 2001, 2002, 2003, 2004
- Administrative Council member: 2002-2003
- Marketing & Recruitment Committee member: 1999-2003
- Alumni Committee Chair: 1998-2002
- Student Activities Committee Chair: 1999-2000
- Search Committee for Director of the School: 2003

Professionally Related Service

- 1/97- present Independent Consultant/Contractor.* Provide physical therapy consultation & continuing education in the area of clinical education, brain injury, balance & vestibular rehabilitation to individuals, colleagues &/or organizations.
- Tutor,* Licensure Exam Review for Candidates that needed to re-take exam (Pangillian & Scott,

2004-2005)

Manuscript Reviewer for Physiotherapy Theory & Practice, (2000 -2005)

Continuing Education Course Reviewer for Texas Physical Therapy Association, (2000- 2005)

Memberships in Professional Societies

American Physical Therapy Association

Education Section member, 1998-present

Neurology Section member, 1988-present

Public Relations Committee member, 1996-2002

Member & Public Relations Committee Chair, 2000-2002

Brain Injury Special Interest Group (BI SIG) member, 1991- present

BI SIG Nominating Committee, 1994-1996

BI SIG Task Force on Brain Injury Guidelines member, 1994 – 1997

Vestibular SIG member 1995- present

Texas Physical Therapy Association

TPTA Nominating Committee member 2004-2006 (elected)

Annual Conference & Student Conclave, Registration Chair, 2001

TPTA PR Committee member 1995- 1998; SED Liaison, 1994-1995

TPTA Annual Conference Registration Chair, 1997

North Texas District (NTD) member, 1996- present

Southeastern District (SED) member, 1988-1995

SED Public Relations (PR) Committee member, 1993-1994

SED PR Committee Chair, 1994-1995

Texas Consortium for Physical Therapy Education, Inc.

Treasurer 2003-2004

Member 1997-2005

Chair, PT MACS Task Force: 2003-2004

Neuro-Developmental Treatment Association

Certified member, 1996- 2001

Brain Injury Association

Professional member 1995- 2001

Vestibular Disorders Association

Professional member 1992-2003

Other Community Outreach Achievements

Project PATHS Kick Off Day, North Dallas High School, 2004

India Association of North Texas, Women's Forum Invited Speaker, 2004

"Think First" & "Head Smart" volunteer, 1999-present

Gujarati Samaj of North Texas member & volunteer: 1996-2005

Network of Indian Professionals, North Texas Chapter: 1996-2000

OTHER

Significant Professional Development Activities

2006 ●APTA CSM

- 2005 ●APTA CSM
●TPTA Annual Conference
●TWU PT Research Day
- 2004 ●TPTA Annual Conference
●Balance Rehabilitation: Methodist Medical Center, Dallas
●TWU PT Research Day
- 2003 ●TPTA Annual Conference
●TWU PT Research Day
●Vestibular Dysfunction: Successfully Treating the Dizzy Patient
- 2002 ●TWU PT Research Day
- 2001 ●APTA CSM
- 2000 ●TPTA Annual Conference
●APTA CSM
- 1999 ●APTA National Clinical Education Conference
●Cognitive Issues in Neurologic Physical therapy
●TPTA Spring Summit
●Osteoporosis: A Comprehensive Treatment Strategy-Level I
- 1998 ●A Practical Guide for the PT & PTA ACCE
●Spinal Cord Injuries Conference by Contemporary Forums
●TPTA Annual Conference
- 1997 ●APTA Combined Sections Meeting (CSM)
●TPTA Annual Conference
- 1996 ●APTA CSM
●We Are All Managers by TPTA
●Medicare Reimbursement by Northern Speech Services, Inc.
●Clinical Wound Management by Bonnie Sparks, PT & Pamela Scarborough, PT
- 1995 ●Neurodevelopmental Treatment Association's (NDTA) NDT/Bobath Three Week Certification Course in the Treatment of Adults with Hemiplegia by Jan Utley, PT
●APTA CSM
- 1994 ●An Integrated Approach to Adult Neurological Deficits with Head Injured & CVA Clients by Darcy Umphred, Ph.D., PT
●Surface EMG Evaluation & Biofeedback in Physical Therapy by Glenn Kasman, MS,PT
●Hiring Winners by John Kleis
●An Integrated Approach to Individuals with Neurological Dysfunction Incorporating Current Concepts in Motor Learning & Motor Control by Darcy Umphred, Ph.D., PT
●Profile of Physical Therapy in Texas by TPTA
●APTA CSM
- 1993 ●Balance Disorders--Controversies in Diagnosis & Management by UT Southwestern Medical Center
●Neurophysiology of Skeletal Muscle Function Applied to Clinical Practice Seminar by Jan Utley, PT
●Introduction to the Feldenkrais Method by Nancy Wozney-Galeto
●Patient Focused Care by Robin Webster, PT

- Basic Certification Course for Clinical Instructors by TX Consortium for PT Clin Education, Inc.
 - Gait Analysis--An Advanced Clinical Course by Texas Woman's University (TWU) School of PT
 - APTA CSM
- 1992
- Balance Dysfunction in the Neurologic Patient by Herman Hospital
 - Inhibitory Casting for Children & Adults: A Hands On Workshop by TIRR
 - Brain Injury Rehabilitation: Challenges in the Community by TIRR
 - APTA AC
 - Evaluation & Treatment of Balance Deficits by TPTA
 - Facilitating Problem Solving in Students by Susan Crabtree, M.Ed., PT
 - Rehabilitation Clinical Research Training Course by TIRR
 - Balance Deficits in the Neurologic Patient by Anne Shumway-Cook, Ph.D., PT & Fay Horak, Ph.D., PT
 - NDT/Bobath Introductory Course in Adult Hemiplegia by Nickey Schmidt, PT
- 1991
- Vestibular Rehabilitation by Anne Shumway-Cook, Ph.D., PT & Fay Horak, Ph.D., PT
 - Shoulder Rehabilitation Program by TPTA
 - Managing Non-Aggressive & Aggressive People by the MANDT System