

CURRICULUM VITAE

Robert M. Streb, PT, MS, PhD

Education:

Stony Brook University
Stony Brook, NY
1/95-8/05
Ph.D. Anatomy, 2005

Long Island University
Long Island, NY
M.S. Physical Therapy 9/87-5/89
B.S. Health Sciences 7/86-5/87

Stony Brook University
Stony Brook, NY
9/84-5/86
Undergraduate Pre-PT Courses

Florida International University
Miami, FL
9/79-6/80
Management

Paul Smiths College
Sarana Lake, NY
9/77-6/79
A.A.S Management

Employment and Positions Held:

Clinical Associate Professor
Department of Physical Therapy
Stony Brook University
9/94-present

Physical Therapist (part-time)
Evolution Home Care Physical Therapy
10/2011-present

Physical Therapist (part-time)
Orthopedic/Sports
Southampton Hospital
Southampton, NY
6/05- 8/07

Physical Therapist (part-time)
Orthopedic/Sports
Spagnoli Physical Therapy
Centereach, NY
5/96-6/99

Physical Therapist (part-time)
Orthopedic/Sports
St. Charles Health Network
Port Jefferson, NY
.6/97-5/99

Physical Therapist (part-time)
Orthopedic/Sports
Ben-EL Therapeutics
5/92-8/94

Physical Therapist (full-time)
Outpatient musculoskeletal and Acute inpatient
Mercy San Juan Hospital
Sacramento, CA
6/90-4/92

Physical Therapist (full-time)
Outpatient/Inpatient adult rehabilitation
St. Charles Hospital & Rehabilitation Center
6/89-6/90

Peer Reviewed Publications:

Abstracts:

Streb, R., Muratori, L., Penna, J., Lamberg, E.
Body Weight Support Treadmill Training in Lower Limb Amputees: Effects on Low Back Pain and Trunk Muscle Function a Preliminary Report. June 2011 Abstract/Poster Presentation, Annual Conference, and Exposition of the American Physical Therapy Association

Streb, R., Development of a Single Clinically Convenient Measure of Complex Triplanar Lower Extremity Movements in Individuals with Patellofemoral Pain Syndrome. February 2008 Poster Presentation American Physical Therapy Association's Combined Section Meeting

Streb, R., Demes, B., & McKenna, R., Comparison of Lower Extremity Movements in Subjects with Patellofemoral Pain Syndrome and Subjects Without Knee Pain Abstract/Poster. Journal of Orthopaedic and Sports Physical Therapy, 2008, 38(1): p. A40.

Streb, R., & McKenna, R. Test-retest reliability of three-dimensional kinematic data obtained with a VICON 370 motion analysis system during functional tasks. 2006 <http://www.ptjournal.org/abstracts/pt2006/AbsAuthIndex.cfm>
Abstract/Poster Presentation, Annual Conference, and Exposition of the American Physical Therapy Association

Streb, R., Demes, B., & McKenna, R., Lower Limb Movement Strategies During Select Closed Kinematic Chain Functional Movements in PFPS and Asymptomatic Subjects. Abstract/Poster. Journal of Orthopaedic and Sports Physical Therapy, 2006, 36(1): p. A60.

Grants:

2006 U.S. Bone and Joint Decade's Young Investigator Initiative. The amount awarded was full tuition to a series of two workshops and pairing with a mentor for the year of the grant. Goal of the workshops is to develop an NIH grant for submission. The topic of the grant is Comparison of Two Intervention Paradigms with a Control Group in the Treatment of Individuals with Patellofemoral Pain Syndrome.

1997 Presidential Mini-Grant for innovative Teaching Projects. The amount awarded was \$4,000. Use of video to facilitate active learning and self assessment in a problem based model.

Other Scholarly Products:

Streb, R., Demes, B., Stern, J, Jungers, W., & McKenna, R. (2005). Lower Limb Movement Strategies During Select Closed Kinematic Chain Functional Movements in PFPS and Asymptomatic Subjects. Unpublished Dissertation, Stony Brook University, Stony Brook, NY.

Herring, N., Nemia, P., McGinn, P., & **Streb, R.** (1990). Orthopedists' Opinions of a Physical Therapists' Capability to Evaluate and Treat Patients. Unpublished Masters Thesis, Long Island University, Brooklyn, NY.

Streb, R., Pisarski, E., Wingate, L., & Mathanson, R. (1989). Beliefs of Recent Graduates of Physical Therapy Programs Concerning Professional Interpersonal Skills and Coverage of Those Skills During their Physical Therapy Education. Unpublished Masters Thesis, Long Island University, Brooklyn, NY.

Invited Continuing Education Workshops Presented

| | | |
|---|---|-------------|
| Clinical Identification and Intervention Strategies for The Unstable Low Back | NYPTA State conference | Fall 2011 |
| Lumbar Instability: Identification and Intervention. A look at the Evidence | LI Chapter of the NYPTA | Spring 2010 |
| Neurodynamics of the Lower Quarter | LI Chapter of the NYPTA | Spring 2002 |
| Neurodynamic of the Upper Quarter 2001 | LI Chapter of the NYPTA | Fall |
| Cervical Thoracic Integration | Numerous locations and dates starting in 1993 | |
| Lumbo-Pelvic Integration | Numerous locations and dates starting in 1992 | |

Membership in Scientific/Professional Organizations

Member APTA
Member Alpha Eta National Honors Society
Member Phi Beta Cappa

Departmental, School, Health Sciences and University Services

Graduate Student Mentorship

1. John Comeau Practicum Fall 2001 – Fall 2002
2. Trevor Wong Practicum Fall 2002 – Spring 2004

Committees:

Stony Brook University:

| | |
|--|---------------|
| Teaching, Learning Committee | 10/09-present |
| Campus Technology Committee | 9/97- 8/00 |
| Campus-wide Wellness Program Planning Committee | 9/98- 8/01 |
| Faculty Advisor to the Pre-physical therapy association | 9/96- 6/01 |
| Selection Committee: Presidential Mini-Grants for Innovative Teaching Projects | 11/99-4/02 |

School of Health Technology and Management:

| | |
|---|---------------|
| Appointment, Promotion, and Tenure | 9/08-present |
| Information Technology Committee (Vice Chair) | 9/98- present |
| President of the SBU Chapter of the Alpha Eta honor society | 7/02-7/04 |
| Health Policy & Clinical Committee | 9/94- 8/01 |
| Ad-Hoc Committee to develop Major in Pre-Health | 4/98- 8/00 |
| Ad-Hoc Committee to develop Ph.D. in Rehab Sciences | 2/98- 6/00 |

Department of Physical Therapy:

| | |
|--|---------------|
| Admissions Committee | 9/94-present |
| Laboratory, Equipment, & Maintenance Committee | 9/98- 6/04 |
| Social Committee | 9/04- present |
| Procedures and Policies Committee | 9/94-9/98 |
| Schedules, Tests & Rooms Committee | 9/94-9/98 |

Continuing Education Attended:

NAIOMT 625: Peripheral/Extremity Manipulation New York City, NY April 2010

Clinical Review of Pathology and Differential Diagnosis using Cadavers
Long Island Physical Therapy Association, November 2009

High-Velocity Low-Amplitude Thrust Manipulation of the Spine, Pelvis, and Thorax
Spinal Manipulation Institute, May 2009

First International Patellofemoral Pain Syndrome Research Retreat
April-May 2009

APTA Combined Section Meeting 2009 programming attended:

- Movement System Impairment Diagnosis and Intervention of Cervical Spine and

- Temporomandibular Joint Pain Syndromes: Consideration of Adjacent Regions
- Integration of Joint Mobilization/Manipulation and the Diagnosis and Treatment of Movement System Impairments of the Lumbar Spine
- Lower-Extremity Movement Impairments Related to Knee Injury: The Role of Muscle Strengthening and Movement Re-education
- Fear-Avoidance Behavior: State-of-the-Art Review
- Joint, Muscle, But What About the Tendon? Mechanisms Underlying Tendinopathies and the Basis for Effective Interventions
- Clinical Decision-Making for Patients With Low Back and Neck Pain

APTA Combined Section Meeting 2008 programming attended:

- Podcasting as an Instructional Multimedia Tool to Enhance Problem-Based Learning
- Manual Physical Therapy and the Current State of Musculoskeletal Care in the US: Feast or Famine?
- Current Concepts Related to Motor Control Training And Rehabilitative Ultrasound Imaging for Patients With Lumbopelvic Disorders
- Manual Therapy for the Upper Extremity “itis”
- Screening for the Lower Quarter: Structural Differentiation Diagnosis of the Lumbar Spine, Hip, and Pelvis
- Becoming a PT Researcher, or So I Finished My PhD: What Do I Do Now?
- Low-Intensity Laser ND Light Therapy: Is It Effective?

APTA Combined Section Meeting 2007 programming attended:

- MRI and Ultrasound Imaging in the Lower Extremity
- Evaluation, Rehabilitation, and Medical Management of the Hip Joint Throughout the Lifespan of the Performing Artist: An Evolving Art

Musculoskeletal Ultrasound 101
MSKUS Diagnostics, May 2006

APTA Annual Conference and Exposition 2006 programming attended:

- Spinal Manipulation for Patients With Low Back Pain: Evidence, Decision Making, Marketing, and More
- Clinical Decision Making in the Application of Cervical Spine Manipulation
- Diagnosis and Management of Pain Generators in the Cervicothoracic Spine

APTA Combined Section Meeting 2006 programming attended:

- Integrated Control of Stability and Movement: Perspectives From Orthopaedics and Geriatrics
- Evidence-Based Clinical Practice Guidelines: Low-Back and Ankle Sprain Guidelines
- Recent Advances in the Management and Rehabilitation of Massive Rotator Cuff Tears
- A Critical Review of Common Interventions for Patellofemoral Joint Dysfunction

Current Teaching Responsibilities in the Entry-Level Program:

HAY 518 - Foundations of Exercise and Movement

HAY 570 - Case Studies I

HAY 507 - Orthopedic Physical therapy I

HAY 508 - Orthopedic Physical therapy II

HAY 573 - Case Studies III

Year 1 - Fall

Year 1 - Spring

Year 2 - Fall

Year 2 - Spring

Year 2 - Spring