

CURRICULUM VITAE
Mohamed A. Sabbahi, PT, PhD
 June 2011

Texas Woman's University
 School of Physical Therapy
 6700 Fannin
 Houston TX 77030
 713-794-2309

Education: *(Post high school, from most recent to earliest, institution, location, duration of study of study, field of study, degree received)*

University of Southampton	United Kingdom	Ph.D. Neurophysiology	1971-1976
University of Southampton	United Kingdom	Graduate studies in Biochemical Pharmacology	????-1973
Cairo University	Cairo, Egypt	B.Sc. Physical Therapy	????-1966

Licensure Information/Registration Number:

Texas Physical Therapy License #????????

Certifications:

Board certified specialist in Electrophysiological Physical Therapy, 1992, 2002

Employment and Positions Held: *(From most recent to earliest, including title/position, faculty rank, tenure status or other institutional status, institution, location, duration (from-to))*

Professor	School of Physical Therapy Texas Woman's University Houston, TX	1985-Present
Senior Research Associate	Neuromuscular Research Center Boston University Boston MA	1983-1985
Senior Research Associate	Liberty Mutual research center Hopkinton, Mass.	1979-1983
Lecturer	Cairo University Faculty of Physical Therapy Cairo, Egypt	1976-1977
Instructor	Cairo University School of Physical Therapy Cairo, Egypt	1966-1972

Peer Reviewed Publications: *(From the most recent to the earliest (include those accepted for publication but not yet published, but indicate as such) Include papers in journals, AV materials published, monographs, chapters in books, and books, provide full bibliographic citation.*

Pineda E, Sabbahi M, Etnyre B. Using Standing Postures as a practical Alternative to Gait Analysis for assessing Normal Neuromotor Activity Variation of the Ankle muscle antagonists: A soleus H-reflex and EMG activity study. *Int. Morphology* 2010; 28: 7-12.

Pineda E, Sabbahi M, Etnyre B. Using Standing Postures as a practical Alternative to Gait Analysis for assessing Normal Neuromotor Activity Variation of the Ankle muscle antagonists: A soleus H-reflex and EMG activity study comparing patients with Hemiplegia to Healthy subjects. *Int. Morphology* 2010; 28: 591- 594.

Al-Rowayeh H, Sabbahi M, Etnyre B. Flexor Carpi Radialis H-Reflex Modulation During Spinal Loading and Unloading with Varied Forearm Postures. *J. Clin. Neurophysiology*, 2010; 27: 116- 119.

Al-Rowayeh H, Sabbahi M, The proportion of Patients with Non-specific Low Back Pain and Neural Compromise. *EMG. Clin. Neurophysiology*. 2010; 50: 67- 73.

Al-Rowayeh H, Sabbahi M, Etnyre B., Medial and Lateral Gastrocnemius H-reflexes Intersession Reliability during standing and Lying postures at varied foot positions in Healthy participants. *EMG. Clin. Neurophysiology*, 2009; 49: 143-148.

Al-Rowayeh H, Sabbahi M, Etnyre B. Vastus Medialis: H-reflex Reliability during Standing. *J. Clin. Neurophysiology*. 2006; 145: 79-84,

Al-Rowayeh H, Sabbahi M, Etnyre B. Soleus and Vastus Medialis: H-reflexes: Similarities and differences during selective functional and movement Tasks. *J. Neurosci. Methods*. 2005; 144: 215-225

Sabbahi M, Etnyre B, Aljawayed I, Hasson S, and Jankovic J. Soleus: H-reflex measures in Patients with Focal and Generalized Dystonis. *Clin. Neurophysiology*. 2003; 114: 288-294

Peer Reviewed Scientific and Professional Presentations: *(from the most recent to the earliest. Include presenter (s), title, occasion, and date)*

Pineda E, Sabbahi M. Evaluation and treatment of Patients with Stroke: An EMG and H-reflex study. Proceedings of the WCPT meeting, Barcelona, Spain, 2003.

Sabbahi M. Acute Low Back Pain can be Evaluated and Treated with H-Reflex-based Technology. Proceedings of the WCPT meeting, Barcelona, Spain, 2003.

Atteya M, Sabbahi M. Head Posture and Cold application effects on the EMG activity in Tension-Type Headache. Proceedings of the WCPT meeting, Barcelona, Spain, 2003.

Sabbahi M, Balbaa A. Functional Changes after Positioning and exercise in the Optimum Spinal posture in patients with radiculopathy. Proceedings of the WCPT meeting, Barcelona, Spain, 2003.

Balbaa A, Sabbahi M. Changes of the EMG frequency parameters in symptomatic and non-symptomatic neck disorders- A study on computer users. Proceedings of the WCPT meeting, Barcelona, Spain, 2003.

Alrowayeh H, Sabbahi M. H-Reflex Inhibition in patients with ACL Injuries. Proceedings of the WCPT meeting, Barcelona, Spain, 2003.

Alrowayeh H, Sabbahi M. Does reflex inhibition change with ACL reconstruction. Proceedings of the ACSM meeting, San Francisco, Ca, 2003

Alattas A, Sabbahi M. Modulation of the FCR H-reflex by closed and Open Kinetic chain exercise. Proceedings of the annual meeting of the Society for Neuroscience, San Diego, Ca. Oct. 2004

Alattas A, Sabbahi M. Closed Kinetic chain Exercises Improve Hand Function and Normalize reflex and volitional control in a patient with stroke. Combined Sections meeting of the APTA, New Orleans, LA, Feb. 2005

Sabbahi M. Is Non-Specific Low Back Pain Associated with Neural compression? Presented at the WCPT meeting, Vancouver, Canada, 2007

Al-Attas A, Sabbahi M, Roddey T, Hamilton ML, Olson S. Effect of Closed Kinetic Chain. Presented at the WCPT meeting, Vancouver, Canada, 2007

Hesham N, Alrowayeh, Sabbahi M, Talal A Alshatti. Flexor Carpi Radialis H-reflex Modulation during Spinal Loading and Unloading with Varied Forearm Postures. Annual meeting of the Society for Neuroscience, Washington DC, 2008

Sabbahi M, Al-Rowayeh H. Medial & Lateral H-reflex modulation during loading & unloading in normal subjects. Annual meeting of the ACSM, Indianapolis, IN. 2008

Abstracts: *(From the most recent to the earliest, provide full bibliographic citation)*

Sabbahi M, Salik Y. Cervical and Thoracolumbar spinal stimulation produces Multisegmental responses in the upper and lower limbs.. Proceeding of the SN 2010, San Diego, Ca., 2010

Hesham N. Alrowayeh; Sabbahi M; Talal A. Alshatti. Flexor Carpi Radialis H-reflex Modulation during Spinal Loading and Unloading with Varied Forearm Postures Annual meeting of the Society for neuroscience, Washington DC, 2008

Sabbahi M., Al-Rowayeh H. Medial & Lateral H-reflex modulation during loading & Unloading in Normal subjects. Annual meeting of the ACSM, Indianapolis, IN. 2008

Non Peer Reviewed Publications: *(From the most recent to the earliest, provide full bibliographic citation)*

Sabbahi M. Manipulation and Mobilization of the lumbosacral spine Based on EMG/H-reflex studies. Beijing Symposium of Spinal Manipulative Therapy 2010, Beijing, China..

Funded/in Review Grant Activity: *(Include: Authorship/Participation, Amount of Funding awarded, nature of project, date and source)*

EMG evaluation of thigh musculatures during Selected Functional Activities and Patient Satisfaction in Patients Implanted with the JOURNEY Bi-Cruciate Stabilized Knee System and Stryker Triathlon: A synopsis. The Methodist Hospital Research Institute. Principal Investigator. \$48,000 (funded, on-going)

H-reflex changes with limb side, body position and trunk posture: A computerized analysis. Office of Research and sponsored programs 2005, \$ 6000.00 (not funded) (PI).

H-Reflex changes with limb side, body position and trunk posture: A computerized analysis. Texas Physical Therapy education and research foundation 2005, \$3000, Not funded, (PI).

Soleus H-reflex modulation during spinal mobilization in Back Pain. RehabNet West, \$107, 377 (for two years), 2002, not funded (PI)

On-line monitoring of soleus H-reflex during spinal manipulation in patients with low back Pain. ORGA, 2002, \$3000,00, (not funded), (PI)

Current/Active Research Activity: *(Include authorship, nature, funding (External, grant, internal)*

Research project entitled “ Computerized evaluation of H-reflexes in patients with lumbosacral and cervical radiculopathy”

Research project entitled “Evaluation & treatment of patients with spine pain using electro diagnostic approach”.

Research project entitled “The use of Open & closed kinetic changes in rehabilitation of patients with Stroke”

Research project entitled “Modulation of soleus & FCR H-reflex by vestibular stimulation”

Membership in Scientific/Professional Organizations: *(Include positions held)*

Member, College of health science research council (for the last 2 yrs).

Member, Curriculum review committee (2003 – 2004)

Member, Admission committee (since 1999)

Member, Search committee (for the last 3 yrs)

Member, Vision committee (2004)

Member, Post-professional admission committee (2000-2004)

Member, DPT curricular committee

Consultative and Advisory Positions Held: *(Include title or nature, Agency, Duration (From-To))*

Community Service: *(Include title or nature (Note if chairmanship is held) Agency, Duration (From-To)*

Services to the University/College/School on Committees/Councils/Commissions: *(Cite Membership and Chairmanships, and include University wide, school, other schools in the university, department, dates)*

Honors and Awards: *(Include title or nature, Awarding agency, Date)*

Diplomat of the American Academy of Neuro-orthopedic Electro diagnosis 1987
Who's Who in Frontier Science and Technology 1982
Project HOPE Secretariat Fellowship to the U.S. 1978-1979
Egyptian Government Scholarship to U.K. 1972-1976
Achievement Award in Higher Education from the National Science Foundation. Cairo, Egypt 1966

Continuing Education Attended: *(List only courses taken within the last 5 years that are specifically related to responsibilities in the entry level program)*

Current Teaching Responsibilities in the Entry Level Program: *(In sequence, by term, do not include courses taught at other institutions)*

Semester 1

PT 5221 Exercise Testing and Prescription

Semester 2

PT 5024 Clinical Neuroscience- Co- teaching.
PT 5122 Clinical Management of the Musculoskeletal System- Co-coordinator.

Semester 3

Semester 4

PT 5871 Critical Inquiry in Physical Therapy I

Semester 5

PT 6011 Critical Inquiry in Physical Therapy II

Semester 6

Semester 7

PT 6021 Critical Inquiry in Physical Therapy III

Semester 8

PT 6802 Clinical Integration II