

CURRICULUM VITAE

DATE: June 2016

NAME: Monica Verduzco-Gutierrez, MD

TITLE: Assistant Professor
Vice Chair of Quality and Patient Safety
Department of Physical Medicine and Rehabilitation
McGovern Medical School
University of Texas Medical School at Houston

ADDRESS: 6431 Fannin St., Suite G.550A
Houston, Texas 77030

UNDERGRADUATE EDUCATION:

B.A., Rice University, Houston, TX (1997-2001)

GRADUATE EDUCATION:

M.D., Baylor College of Medicine, Houston, TX (2001-2005)

POSTGRADUATE TRAINING:

Baylor Affiliated Hospitals, Baylor College of Medicine,
Internship in Internal Medicine, 2005-2006.

Baylor Affiliated Hospitals, Baylor College of Medicine,
University of Texas at Houston Physical Medicine and Rehabilitation Alliance,
Residency in Physical Medicine and Rehabilitation, 2006-2009.

ACADEMIC & ADMINISTRATIVE APPOINTMENTS:

Assistant Professor, Department of Physical Medicine and Rehabilitation, University of
Texas Medical School at Houston, October 2009 - present
Vice Chair of Quality and Patient Safety, Department of PM&R, 2015

Program Director of Brain Injury Fellowship Program, 2015

HOSPITAL APPOINTMENTS:

TIRR/Memorial Hermann Hospital
Attending Physician, October 2009 – present
Clinical Co-Chief, Outpatient and Specialty Clinic. 2012 - present

Memorial Hermann Hospital-Texas Medical Center
Attending and Consulting Physician, October 2009 – present
Interim Medical Co-Director, Hermann Inpatient Rehabilitation Unit, 2009-2010, 2015

LICENSURE:

Texas Medical License #N3771

CERTIFICATION:

Board Certified, Diplomat of the American Board of Physical Medicine and Rehabilitation, beginning 7/1/2010

Board Certified, Brain Injury Medicine, beginning 12/1/2014

PROFESSIONAL ORGANIZATIONS:

NATIONAL:

American Academy of Physical Medicine and Rehabilitation, 2006-present

Committee on Self-Assessment Examination for Residents, Spasticity domain,
2014 – 2015

Self-Assessment Committee Member, 2015

Academy Leadership Program, 2015

Association of Academic Physiatrists, 2012-present

INTERNATIONAL:

International Neurotoxin Association, 2014-present

HONORS AND AWARDS:

Outstanding Teacher of the Year, University of Texas-Baylor College of Medicine Physical Medicine and Rehabilitation (PM&R) Alliance. Awarded June 2011, June 2014, June 2015, June 2016

University of Texas Medical School Dean's Teaching Award of Excellence, May 2012, May 2015

Physician of the Year, TIRR Memorial Hermann, 2012

Outstanding Faculty Clinician Award of Baylor College of Medicine-University of Texas Health Science Center PM&R Alliance, June 2013

Houston Top Doctor, Houstonia Magazine, September 2013, September 2014, August 2015

Houston's Top Docs, H Texas Magazine, Spring 2014

Invited Commencement Speaker for PM&R Resident Graduation, June 2014

Physician of the Year Nominee, TIRR Memorial Hermann, 2012, 2014, 2015

Physician of the Year Nominee, Memorial Hermann – Texas Medical Center, 2016

SERVICE ON THE UNIVERSITY OF TEXAS-HOUSTON MEDICAL SCHOOL COMMITTEES:

Volunteer as interviewer and lunch guest for Medical Student interviews, 2010-present

Faculty Diversity and Inclusion Committee, 2013-present; Co-chair, 2013-2014

PM&R Faculty Senate Representative, UT Houston Medical School Faculty Senate, 2013-present

Master Clinical Advisor, 2014 - present

Committee on Committees, UT Houston Faculty Senate member, 2015 - 2016

PM&R Departmental Committees:

Billing Compliance Officer, PM&R Healthcare Billing Compliance Committee, 2012-present

Co-Chair, PM&R Alliance Continuing Medical Education Committee, 2013-present

Committee Planning Member for Comprehensive Review of Physical Medicine and Rehabilitation Course, 2014 – present

Clinical Competency Committee for PM&R GME Residency Evaluations, 2015-present

SERVICE ON UT-HMS AFFILIATED HOSPITAL COMMITTEES:

Memorial Hermann Hospital-TMC Medical Records committee, 2010-2012.

Mischer Neuroscience Institute Cost Control/Quality Initiative committee, 2010-2012.

TIRR/Memorial Hermann, Clinical Co-Chief, Outpatient and Specialty Clinic, 2012-present.

Memorial Hermann Hospital-TMC Pharmacy and Therapeutics committee, 2012-present. Committee Chair, 2014 - present.

Clinic Care4 Physician Advisory Committee, 2013-2014

Memorial Hermann Physician Credentials Advisory Committee, 2014 - present

Memorial Hermann Physician Network Documentation Board Committee, 2015

Memorial Hermann Physician Network Ambulatory Medical Informatics Committee, 2014-present.

MHMD Clinical Programs Committee, PM&R Subcommittee, 2015-present

MHMD Pharmacy and Therapeutics Clinical Programs Committee, 2016

SERVICE TO THE COMMUNITY:

Volunteer interviewer, Rice Alumni Volunteers for Admission (RAVA), 2001 - 2014

Volunteer, Society of Latino Alumni of Rice (SOLAR), 2001- present

Member, Society of St. Vincent de Paul, St. Vincent de Paul Church conference. 2006-present. Vice President, 2011-2014.

Director of Spasticity and Board of Directors, Rehabilitation Services Volunteer Project, 2014 – present

15th year Reunion Committee, Rice University Annual Fund, 2016

Public Health Committee, City of Houston, Mayor Sylvester Turner's Transition Team, 2016

Invited Judge, Ms. Wheelchair Texas Pageant, 2016

CURRENT TEACHING RESPONSIBILITIES:

PM&R residents and fellows from the UT-Houston – Baylor College of Medicine PM&R Alliance. 2009-present. 12 residents per year; 1-2 fellows per year.

Medical Students and Physician Assistant-Students rotating on Introduction to PM&R at Memorial Hermann Hospital-TMC and at TIRR Outpatient Brain Injury and Spasticity Clinic. 2009-present. 12 students per year.

Program Director, Brain Injury Fellowship Program, 2015 – present

MENTORING ACTIVITIES:

Mentor, Brain Injury Fellows, 2010 – present
Approximately 1-3 fellows per year with focus on billing and compliance.

Master Clinical Advisor, 2014 – present

CURRENT CLINICAL AND SERVICE RESPONSIBILITIES:

Attending Physician, TIRR-Memorial Hermann Hospital
Clinical Co-Chief, Outpatient and Specialty Clinic. 2012-present
Outpatient clinic in Spasticity, Brain Injury, Specialty Rehabilitation and EMGs.
2009 - present

Inpatient Spasticity consultations and interventional procedures. 2009-present
Inpatient coverage of Attendings. 2009-present

Attending Physician, Memorial Hermann – TMC Hospital
Clinical Chief, PM&R Consultation Service. 2013-present
Consultant for patients with Rehabilitation needs. 2009-present
Provide outpatient EMG services in Neurophysiology lab. 2009-present
Interim Medical Director, Hermann Inpatient Rehabilitation Unit, 2015

PREVIOUS GRANT SUPPORT:

“PLUS” Post-stroke Spasticity of the Lower Limb Medical Research Study to Investigate Efficacy and Safety of NT 201. Gerard Francisco, M.D., P.I.
Sponsored by Merz. Award period 2012-2014, \$18,109.65

CURRENT RESEARCH:

Sub-Investigator for Study #HSC-MS-12-0401. Study to Assess the Safety of 3mg/mL Gablofen® (baclofen injection) Delivered by Intrathecal Administration Using the SynchroMed® II Programmable Infusion System. Gerard Francisco, M.D., P.I.
Sponsored by Mallinckrodt.

PUBLICATIONS:

A. Refereed Original Articles in Journals:

Nguyen FN, Kar JK, **Verduzco-Gutierrez, M**, Zakaria A.: A case of hypokalemic paralysis in a patient with neurogenic diabetes insipidus. Neurohospitalist. 4(2):90-3. 2014.

Li S, Chang S, Francisco GE, **Verduzco-Gutierrez M.**: Acoustic startle reflex in chronic stroke survivors at different stages of motor recovery: a pilot study. Topics in Stroke Rehabilitation. 21(4):358-372. 2014.

B. Chapters:

Frontera JE, **Verduzco-Gutierrez M**. Spasticity. *In*: Frontera WR, Silver JK, Rizzo TD, editors. Essentials of Physical Medicine and Rehabilitation. 3rd edition. Philadelphia: Elsevier; 2015. p. 828-832.

Francisco G, Frontera J, **Verduzco-Gutierrez M**, Joseph PJ. Rehabilitation Therapy After Aortic Surgery. *In*: Zhou SF, Sun LC, Estrera A, editors: Aortic Disease: Clinical Diagnosis and Management. (*In press*).

Verduzco-Gutierrez, M, Jayaram P, Rivera R. Physical Therapy. *In*: Gulati A, editor: Essentials of Interventional Cancer Pain Management. (*In press*).

Verduzco-Gutierrez, M, Mas MF, Nguyen C. Spasticity. *In*: Ramamurthy S, Nagpal A, Eckmann M, Driver L, Boies B, Day M, editors: Decision Making in Pain Management. 3rd Edition. (*In press*).

Verduzco-Gutierrez, M, Dragojlovic N. Antispasmodics. *In*: Ramamurthy S, Nagpal A, Eckmann M, Driver L, Boies B, Day M, editors: Decision Making in Pain Management. 3rd Edition. (*In press*).

Verduzco-Gutierrez, M, Mimbella P. Botulinum toxins. *In*: Ramamurthy S, Nagpal A, Eckmann M, Driver L, Boies B, Day M, editors: Decision Making in Pain Management. 3rd Edition. (*In press*).

C. Invited Articles in Journals

Verduzco-Gutierrez, M, Reddy, CC, O'Dell, MW. Is There a Need for Early Seizure Prophylaxis After Traumatic Brain Injury? *PM R*. 2016 Feb;8(2): 169-75.

D. Peer-reviewed Examination Publications:

Self-Assessment Examination for Residents, Spasticity, American Academy of Physical Medicine and Rehabilitation. Chicago, Illinois, January 2015

Self-Assessment Examination for Residents, Spasticity, American Academy of Physical Medicine and Rehabilitation. Chicago, Illinois, January 2016

E. Editorial Position

Ad hoc reviewing

Journal of Head Trauma Rehabilitation

F. Other Professional Communications

Presentations

“What is PM&R?” – Invited Presentation to Baylor Medical Students, January 2010, August 2015.

“Issues in Chronic Stroke Management” – Invited Presentation at Annual Comprehensive Review Course in PM&R, April 2010, March 2011, March 2012, March 2013, March 2014, March 2015. Invited lecture to PM&R Alliance residents, March 2013, August 2014.

“Stroke Syndromes” – Invited Presentation at Annual Comprehensive Review Course in PM&R, April 2010, March 2011, March 2012, March 2013, March 2014, March 2015, April 2016. Invited lecture to PM&R Alliance residents, June 2011, March 2013, August 2014.

“Rehabilitation of Hip Fractures” – Lecture to PM&R Alliance residents, June 2011.

“Rehabilitation of the Neurosurgical Patient” – Invited Grand Rounds Presentation for Mischer Neuroscience Institute/UT Houston Neurosurgery Department, June 2011.

“Rehabilitation of the Trauma Patient” – Invited Grand Rounds Presentation for UT Surgical Trauma Fellows, November 2011.

“Stroke Rehabilitation” – Invited lecture for Neuro-musculoskeletal Lecture Series to BCM medical students, June 2012.

“Subarachnoid hemorrhage: a Rehabilitation Perspective” – Invited lecture to Memorial Hermann Mischer Neuroscience Institute Aneurysm Support Group, April 2013.

“Aging in Brain Injury” – Invited lecture to TIRR Rehabilitation Solutions Advanced Case Management Conference, February 2014.

“Amazing Rehabilitation: What happens to your ICU patients at Rehab” – Invited lecture at Mischer Neuroscience Institute Second Annual Neuro ICU Symposium, March 2014.

“Ultrasound-guided Procedures” – Invited presentation at Annual Comprehensive Review Course in PM&R, March 2014, March 2015.

“Introduction to Musculoskeletal Ultrasound” – Invited presentation at Annual Comprehensive Review Course in PM&R, March 2014, March 2015.

“Spasticity Management after Brain Injury and Stroke” – Invited lecture at Texas Club of Internists Annual Meeting, April 2014.

“Spasticity in Spinal Cord Injury Patients” – Invited lecture to SCI physician team and fellows, June 2014.

“Effective management of Spasticity after Spinal Cord Injury” – Invited presentation at Advancing Wellness and Independence after Spinal Cord Injury Symposium at TIRR Memorial Hermann, June 2014.

“Introduction to Traumatic Brain Injury” – Invited lecture to PM&R Alliance residents, July 2012, July 2013, July 2014, July 2015.

“An Interdisciplinary approach to Spasticity Management” – Invited course to therapists on Advanced Spasticity management at TIRR Symposium 2014, August 2014.

“What is PM&R?” – Invited lecture to Memorial Hermann Mischer Neuroscience Institute Brain Injury Support Group, September 2014.

“Assessment and Treatment of Spastic Muscle Overactivity” – Invited lecture to therapists at Advanced Spasticity Management Course at TIRR Memorial Hermann, January 2015.

“Rehabilitation for the Aging Brain Injury Patient” – Invited lecture to medical students in Geriatrics Interest Group, Baylor College of Medicine, February 2015.

“Spasticity in Spinal Cord Injury Patients” – Invited lecture to PM&R Alliance Residents and students, May 2015.

“Ultrasound guided injections for Spasticity” – Invited lecturer at live ultrasound course for PM&R Alliance residents and medical students, May 2015.

“Brain Injury: An Overview” – Invited lecture to rehabilitation professionals at TIRR Memorial Hermann’s Advancing Best Practices in Brain Injury Rehabilitation Course, Houston, TX, June 2015.

“Establishing a Therapeutic Alliance” – Invited Moderator and Panelist for rehabilitation professionals at TIRR Memorial Hermann’s Advancing Best Practices in Brain Injury Rehabilitation Course, Houston, TX, June 2015.

“Overview and Medical Management of Spastic Muscle Overactivity After Brain Injury” - Invited lecture to rehabilitation professionals at TIRR Memorial Hermann’s Advancing Best Practices in Brain Injury Rehabilitation Course, Houston, TX, June 2015.

“Mental Status Exam” – Invited lecture as part of comprehensive hands on physical examination course for PM&R Residents, Brain Injury fellows, medical students, and PA students, July 2015.

“Assessment and Treatment of Spastic Overactivity” – Invited national training to Merz Regional Medical Managers, Raleigh, NC, July 2015.

“Cervical dystonia / Proximal upper limb workshop” – Invited lecture at hands-on workshop for PM&R residents, fellows, students, July 2015.

“Primer on ICD-10 and Billing” – Invited lecture to PM&R residents, fellows, students at TIRR Memorial Hermann Hospital, Houston, TX, July 2015.

“Improving Assessment and Maximizing Intervention Options for Patients with Spasticity, Dystonia, and Related Movement Disorders” – Invited presenting faculty at an Intensive Hands-on International Workshop, AAPM&R Annual Assembly, Boston, MA, October 2015

“Overview and Medical Management of Spasticity” – Invited lecture to UT Health Orthopedics Department, Fellows, Residents and medical students, Houston, TX, December 2015.

“Chronic Stroke Rehabilitation” – Invited Presentation at Annual Comprehensive Review Course in PM&R, Baylor College of Medicine, Houston, TX, April 2016.

“Assessment and Treatment of Spastic Overactivity – Clinical and para-clinical modalities” – Invited lecture to Fellows, Residents, and Medical Students from McGovern Medical School and Baylor College of Medicine, Houston, TX, May 2016.

Scientific Exhibits/Posters

Chang, S., Francisco, G., **Verduzco-Gutierrez, M.**, Zhou, P., Rymer, W.Z., Li, S.:

Voluntary force control in spastic-paretic biceps brachii muscles in stroke may be interfered by sustained involuntary motor unit discharges. Annual Neuroscience meeting, Washington DC, Nov 12-16, 2011.

Li, S., Chang, C., Francisco, G., and **Verduzco-Gutierrez, M.**: Reticulospinal mechanisms for motor recovery and spasticity after stroke: evidence from acoustic startle reflex. Association of Academic Physiatrists (AAP) meeting, Las Vegas, NV, Feb 2012.

Nguyen, F., Kar, J., **Verduzco-Gutierrez, M.**, Zakaria, A.: A Case of Hypokalemic Periodic Paralysis in a Patient with Neurogenic Diabetes Insipidus. Neurocritical Care Society meeting, Denver, CO, Oct 2012.

DeMesa, C., **Verduzco-Gutierrez, M.**, Joseph, P.J.: Intrathecal Methotrexate Neurotoxicity in a Pediatric Cancer Patient: A case report. American Academy of Physical Medicine and Rehabilitation (AAPMR) Annual meeting, Nov 2012.

Russell, M., **Verduzco-Gutierrez, M.**, and Ivanhoe, C.: Rehabilitation of a 46 year-old female with subarachnoid hemorrhage complicated by Linezolid-induced Posterior Reversible Encephalopathy Syndrome (PRES): A case report. AAPMR Annual meeting, Nov 2012.

Russell, M., **Verduzco-Gutierrez, M.**, and Ivanhoe, C.: Lower extremity weakness as the initial symptom of Anti-NMDA Encephalitis in a 13 year-old female: A case report. AAPMR Annual meeting, Nov 2012.

Escalon, M., **Verduzco-Gutierrez, M.**: Acute Psychosis in a patient following severe traumatic brain injury: A case report. AAP meeting, New Orleans, LA, Mar 2013.

Russell, M., **Verduzco-Gutierrez, M.** and Ivanhoe, C.: Rehabilitation Challenges in the Case of a 29-Year-Old Female with anti-N-Methyl-D-Aspartate Receptor Encephalitis. AAP meeting, Nashville, TN, Feb 2014.

Cao, A., **Verduzco-Gutierrez, M.** and Ivanhoe, C.: Neurorehabilitation following right frontal, temporal, and parietal lobectomy in a patient with Rasmussen's Encephalitis. AAP meeting, Nashville, TN, Feb 2014.

Cao, A., Kannankeril G., Ha, T., Moody, E., Roh, M., Smith, M., **Verduzco-Gutierrez, M.**: Implementation of Page Forwarding to Reduce Frequency of Inappropriate Pages and to Increase Efficiency of Patient Care. BCM/UTH Quality Improvement Conference, Houston, TX, Apr 2014.

Cao, A., Kannankeril G., Ha, T., Moody, E., Roh, M., Smith, M., **Verduzco-Gutierrez, M.**: Implementation of Page Forwarding to Reduce Frequency of

Inappropriate Pages and to Increase Efficiency of Patient Care. AAPMR Annual meeting, San Diego, CA, Nov 2014.

Ogidan, C., Le, L., **Verduzco-Gutierrez, M.**: Anti-NMDA-Receptor limbic encephalitis, a case presentation. AAP meeting, San Antonio, TX, Mar 2015.

Warnick, N., **Verduzco-Gutierrez, M.**: The Role of Physiatry in the Medical Home Model for Patients with Disabilities. AAP meeting, San Antonio, TX, Mar 2015.

Ha, T., Jayaram, P., **Verduzco-Gutierrez, M.**: Isolated Cranial Nerve VI Palsy: A complication of intrathecal drug delivery system: A case report. American Academy of Pain Medicine (AAPM) Annual meeting, National Harbor, MD, Mar 2015.

Kannankeril, G., Cao, A., Moody, E., Ha, T., Hou, S., Linville, C., **Verduzco-Gutierrez, M.**: A Quality Improvement Project: Improving Sleep Documentation on TIRR Unit 6. BCM/UTH Quality Improvement Conference, Houston, TX, July 2015.

Hou, S., **Verduzco-Gutierrez, M.**: Short Term Bisphosphonates Induced Atypical Femur fracture: A Case Report. AAP meeting, Sacramento, CA, February 2016.

Kannankeril, G., Cao, A., Moody, E., Ha, T., Hou, S., Linville, C., **Verduzco-Gutierrez, M.**: A Quality Improvement Project: Improving Sleep Documentation on TIRR Unit 6. AAP meeting, Sacramento, CA, February 2016.

Linville, C, Gonzalez, E, Reyes, N, Tomasek, J, **Verduzco-Gutierrez, M**, Frontera, J, Wade, C., Francisco, GE.: PMR in the Shock Trauma ICU at a Level 1 Trauma Center: A Retrospective Study. AAP meeting, Sacramento, CA, February 2016.