

## **CURRICULUM VITAE**

NAME: Victor M. Rivera, M.D.

BIRTHPLACE: Guadalajara, Jalisco, Mexico

CITIZENSHIP: Dual: Mexican and U.S.A.,(Naturalized)

CERTIFICATIONS: Educational Council of Foreign Medical Graduates, 1966.  
Texas State Board of Medical Examiners, 1973 – on going  
National Council of Neurology. (Mexico), 1973, 1996...on  
American Board of Neurology and Psychiatry, 1978  
(Recertification not required).  
Basic Life Support, American Heart Association, 1979, 1980,  
1982,1986..

HOBBIES: Guitar, travel, music, soccer

LANGUAGES: English, Spanish, Portuguese, Italian

## **CURRENT ACADEMIC AND STAFF POSITIONS**

**Distinguished Emeritus Professor, Baylor College of Medicine**

**Adjunct Professor of Research, College of Optometry,  
University of Houston**

**Adjunct Faculty, School of Occupational Therapy, Texas  
Woman's University**

**Founder, First Medical Director, The Maxine Mesinger  
Multiple Sclerosis Comprehensive Care Center**

**Honorary/Emeritus Staff Member, The Methodist  
Hospital, Houston, Texas**

**Emeritus Professor, University of San Carlos, Hospital  
Roosevelt, Guatemala**

**Professor *Cathedra Laboris*, University of Monterrey,  
Mexico**

**Fellow and Senior Member, American Academy of Neurology**

## **EDUCATIONAL BACKGROUND**

1959-1965	M.D., National School of Medicine, Mexico
1958	B.S., Centro Universitario, Mexico City (Suma Cum Laude)
1953-1957	Colegio Cervantes, Guadalajara, Mexico
1965	<u>Medical Doctor Degree, Professional Thesis:</u> “Cerebral Palsy. Anachronous term”. (UNAM). National Autonomous University of Mexico

## **POSTGRADUATE TRAINING**

1969-70	Residency, Baylor College of Medicine (Neurology)
1967-69	Residency, Wayne State University, Affiliated Hospital, Detroit, Michigan (Neurology)  (John Stirling Meyer, M.D. † was the Professor and Chairman in both, Wayne State University and Baylor)
1966-67	Internship, Manchester Memorial Hospital Manchester, Connecticut

## **EMPLOYMENT HISTORY**

2011- present	Emeritus Status, Baylor College of Medicine and The Methodist Hospital neurology staff
1993-2011	Full time tenured faculty, Baylor College of Medicine
1980-1993	Private Practice, PA. Houston Neurological Center Director, Baylor/International MS Center. Total Health Care Center, The Methodist Hospital.
1975-1980	Zimmerman Medical Clinic, Houston, Texas.
1970-1975	Full time faculty, Baylor College of Medicine

## **ACADEMIC APPOINTMENTS** **Distinguished Emeritus Professor of Neurology Baylor College of Medicine 2011 – *per life***

2009-present	<b>Adjunct Professor in Research, College of Optometry, University of Houston</b>
2006-present	Member BCM Institutional Review Board (Full/Alternate)
2005-2011	Member Executive Council of Neurology, BCM

2003-2011	Medical Director, Maxine Mesinger MS Clinic, Baylor College of Medicine and the Methodist Hospital Director MS Fellowship Program, Baylor College of Medicine
1996-2003	Medical Director, Baylor/Methodist International Multiple Sclerosis Center
1995-2011	Baylor's International Activities Committee
1994- 2011	Professor, Department of Neurology. Baylor College of Medicine, Houston, Texas.
2000 – present	Adjunct Faculty, Texas Woman's University, School of Occupational Therapy
1985-2000	Adjunct Professor, Texas Woman's University, School of Physical Therapy..
1988-1994	Clinical Associate Professor, Department of Neurology. Baylor College of Medicine, Houston, Texas.
1980-1997	Consultant, Neuro-otology Clinical Research Center, Baylor College of Medicine.
1980-1989	Member, Neurology Service Practices Committee, Baylor College of Medicine.
1980-1998	Medical Advisory Board of the School of Occupational Therapy at Texas Woman's University.
1979-1997	The Mental Health Association of Houston and Harris County, Inc. Speakers Bureau.
1977-1985	Faculty, Texas Research Institute in Mental Sciences (TRIMS), Psychiatry Residency Training Program. Course Instructor and Clinical Supervisor.
1976-1986	Clinical Assistant Professor, Department of Neurology, The University of Texas at Houston.
1975-2000	Faculty, School of Physical Therapy, Texas Woman's University, Houston, Texas. Fall Neurological Lecture Program.
1975-1988	Clinical Assistant Professor. Department of Neurology, Baylor College of Medicine, Houston, Texas.
1975-2000	Faculty, School of Occupational Therapy,

Texas Woman's University, Houston, Texas. Spring Neurological Lecture Program.

- 1975-1978 Neurology Liaison Representative, Sleep Research in Patients with Cerebrovascular Disease. Joint Project: Departments of Psychiatry and Neurology, Baylor College of Medicine, Houston, Texas.
- 1975-1977 Director, Residency Committee Program of Neurology, Baylor College of Medicine, Houston, Texas.
- 1974-1975 Neurology Representative, Acquisitions Committee of the Learning Resources Center, Baylor College of Medicine, Houston, Texas.
- 1972-1975 Coordinator of the Residency Program, Department of Neurology, Baylor College of Medicine, Houston, Texas.
- 1972-1975 Assistant Professor, Department of Neurology, Baylor College of Medicine, Houston, Texas.
- 1970-1972 Instructor, Department of Neurology, Baylor College of Medicine, Houston, Texas.
- 1969-1979 Coordinator, Monthly Neurology-Neurosurgery Conference, The Methodist Hospital, Houston, Texas.
- 1969-1980 Adjunct Faculty Member, Occupational Therapy Assistant Program, Houston Community College, Houston, Texas.
- 1969-1986 Guest Lecturer, Neuro-Nurse Specialist Course, The Methodist Hospital, Houston, Texas.

### **HOSPITAL APPOINTMENTS**

- 2012 - **Honorary/Emeritus Status, The Methodist Hospital (TMH)**
- 2004-2007 TMH Neurology Care Mgmt. Performance Improvement Committee, Member
- 2003-2012 Medical Director, Maxine Mesinger MS Clinic, Baylor/TMH
- 2001-2006 Medical Director Jones 10 Neurology Unit, ENT and Eye Surgical, The Methodist Hospital
- 2001 Special Ad-hoc Jurisdictional

Committee, The Methodist Hospital

1998-1999 Neuromuscular-Skeletal Quality Management Subcommittee. The Methodist Hospital, Houston, Texas.

1996-1997 Co-Chair, Rehabilitation Multidisciplinary Committee, The Methodist Hospital

1995-2003 Deputy Chair, Neurology Service, The Methodist Hospital, Houston, Texas.

1995-1997 Chairman, Quality Management Committee, Rehabilitation.

1997 – 2003 Director, Baylor/Methodist International MS Center.

1994-2001 International Operations Committee, The Methodist Hospital, Houston, Texas.

1994-1997 Physician Practice Pattern Subcommittee. The Methodist Hospital, Houston, Texas.

1994-1999 Utilization Management Committee. The Methodist Hospital, Houston.

1994-1999 Medical Staff Quality Management Committee. The Methodist Hospital, Houston, Texas.

1993-1994 The Methodist Hospital/Baylor College of Medicine Neurology Voluntary Faculty Representative. Clinical Practice Organization Policy Committee (by election). Houston, Texas.

1992-1993 The Medical Advisory Committee for The Methodist Hospital Health Care Network. The Methodist Hospital, Houston, Texas.

1990-2000 Physician Advisor, Utilization Management Program, The Methodist Hospital, Houston, Texas.

1989 The Methodist Hospital Health Care Network Speakers Bureau. The Methodist Hospital, Houston, Texas.

1987-1988 Ad-Hoc Committee on Nurse's Notes in Progress Notes.

1986-1988 Member, Record Review Committee, The Methodist Hospital. Houston, Texas.

1985-1988 Member, The Executive Committee. The Methodist Hospital, Houston, Texas.

1985-1995 Member, Neurology Audit Committee (Quality Assurance). The Methodist Hospital, Houston, Texas.

1984 Member, Mortality Review Committee (11-9-84), Park Plaza Hospital, Houston, Texas.

1984-present Attending, Neurology, The Methodist Hospital, Houston, Texas.

1983 Subcommittee from the Executive Committee: Chiefs of Service change, Medical Center Del Oro Hospital, Houston, TX

1980-1981 Ad-Hoc Medical Staff Committee for Physical Medicine, The Methodist Hospital

1980-1984 Member, Executive Committee. Medical Center Del Oro Hospital

1980-1984 Chairman, Neurology Service, Medical Center Del Oro Hospital. Houston, Texas.

1980-1997 Consulting Staff, Texas Woman's Hospital. Houston, Texas.

1980-1985 Courtesy Staff, Memorial Hospital System, Houston, Texas.

1978-1986 St. Anthony's Center. Houston, Texas.

1978-1985 Member, Human Investigations Committee, Medical Center Del Oro Hospital, Houston, Texas.

1976-1986 Courtesy Staff, Hermann Hospital, Houston, Texas.

1975-1994 Active Staff, Medical Center Del Oro Hospital, Houston, Texas.

1974-1978 Chairman, Neurology Audit Committee, The Methodist Hospital, Houston, Texas.

1973-2004 Courtesy Staff, St. Luke's Hospital, Houston, Texas.

1973-1984 Active Staff, (Associate) Neurology, The Methodist Hospital, Houston, Texas.

1972-1976 Harris County Hospital District, Medical Board, Representative.

1972-1976 Deputy Chief of Neurology Service, Ben Taub General Hospital, Houston, Texas.

1972-1978 Medical Staff, Harris County Hospital District, Houston, Texas (2001)

1969-1970 Chief Resident, Neurology Department, Baylor College of Medicine and The Methodist Hospital, Houston, Texas

## **HONORS**

“Dr. Victor Rivera’s Biopic”. A Biographical Sketch (*Semblanza*)” Peruvian Neurological Society (Sociedad Peruana de Neurologia), Miraflores, Peru, July 17, 2013

Mexican Academy of Neurology, The **Victor Rivera Olmos** Multiple Sclerosis Symposium, Durango, Mexico, May 30, 2013.

Emeritus Professor, San Carlos University, Hospital Roosevelt, Guatemala, 2013

Appointed *Professor Cathedra Laboris*, University of Monterrey, Mexico, August 24<sup>th</sup>, 2012. Honorary Chair in Genetics and Human Life.

*Honorary Member*, National Association of Neurologists of the Mexican Institute of Social Security (ANNIMSS), July 20, 2012

National Multiple Sclerosis Society, South Central 2011. “With Deepest appreciation for more than 40 years of excellence in MS Care”, January 31, 2012

Appointed Senior Member, American Academy of Neurology, 2012.

Appointed Life Member, Texas Medical Association, 2012

“*Most Emeritus Friend*”, National Hospital, Neurology Service, El Salvador, May 21, 2011.

*Honorary Member*, Peruvian Committee for Treatment and Research in MS (PECTRIMS). First individual conferred this honor. Lima, Peru, September 22, 2010. (First non-Peruvian ever to be conferred this honor).

Recognition by the Latin American Committee for Treatment and Research in MS (LACTRIMS): Magisterial Conference of the VI Congress named “*The Dr. Victor Rivera Conference*”. The Award to the best paper presented at the congress was named “*The*

*Victor Rivera Award*, Santiago, Chile, August 12-14, 2010.

**Fulbright & Jaworski, L.L.P. Faculty Excellence Award**, Full-Professor Category, Leadership, Teaching and Durable Materials, Academy of Distinguished Educators, Baylor College of Medicine, July 23, 2010

**Disability 101**, Texas non-Profit Organization honoring “the achievements for research and treatment of M.S. and promoting the needs of the Latino community”, May 19<sup>th</sup>, 2009.

**Crystal Obelisk** (*to symbolize timelessness and memorialization*), Mexican Academy of Neurology, “*recognition for his contribution to the knowledge of multiple sclerosis in Mexico*”, October 29, 2008

*Honorary Member Recognition*, Venezuelan Society of Neurology, 2007  
(First non-Venezuelan ever to be conferred this honor)

Exhibition of Dr. Rivera’s Personal Mementos from “*Coming to Houston. The Invisible Path. Houston Review of History and Culture*” University of Houston Exhibit. Museum The Heritage Society, 1100 Bagby Street, Downtown Houston, March 13<sup>th</sup> – May 27<sup>th</sup>, 2007.

Recognition by the Paraguayan Association of Multiple Sclerosis, 2006

“**Texas Best Doctors**” Key Professional Media, Inc and the Publishers of TEXAS MONTHLY: 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006.

“Top Neurologist in Houston, Texas” International Association of Healthcare Professionals: *The Leading Physicians of the World*” 2010, 2011, 2012, 2013.

“Top Doc” H Texas Magazine, 2010, 2011, 2012, 2013.

Recognition by the “Asociación Regiomontana de Esclerosis Múltiple”, Monterrey, México, November 26, 2006.

Recognition by the Latin American Committee for Treatment and Research in MS (LACTRIMS) for his “prominent work in the development of the study and investigation of MS in Latin America”. Isla de Margarita, Venezuela, June 20, 2006.

Recognition as departing President of LACTRIMS from President-elect Marco Lana-Peixoto, M.D. (Belo Horizonte, Brazil), “Presidential Letter” [www.lactrims.com](http://www.lactrims.com): ‘*Victor is the image of the forming substance of Latin America*’, 2006

Recognition from the Consortium of MS Centers for contributions to the educational programs of the Consortium representing LACTRIMS, Phoenix, Arizona, June 3, 2006

**National Hall of Fame of the National MS Society, Health Care Professional**



## **Volunteer, 2003**

*Honorary Member*, Brazilian Committee for the Treatment & Research of MS, 2003

Recognition from the *Asociación Guatemalteca de Esclerosis Múltiple (ASOGEM)* for "valuable collaboration during difficult times", 2003

"Distinguished guest of the City of Managua," from the mayor of Managua, Nicaragua, 2003

Volunteer of the Year, Hall of Fame, 2002, Lone Star Chapter of the National MS Society.

**"Gratitude"** Recognition from EMMEX (Federation of MS Support Groups from Mexico), October 31, 2002.

The **"Victor Rivera Olmos" VII Congress** of the Mexican National Institute of Social Security, 2000. National neurological congress named in honor of Dr. Rivera. Key note speech to celebrate his birthday July 21, 2000. *"Development of MS Research in Mexico"*

"Distinguished Neurologist." Mexican Academy of Neurology, 1999.

Volunteer of the Year 1996. Southeast Texas Chapter of the National Multiple Sclerosis Society.

Physician of the Quarter, Neurosensory Center, The Methodist Hospital, Jones 9 Unit, May-August 1996.

Houston Hispanic Leadership Media Survey: Leadership in Medicine, 1995.

Physician of the Quarter 1995-1996 Appreciation Award, Clinical Nutrition Services, The Methodist Hospital.

Recognition, General Consulate of Mexico and Mexican Cultural Institute "for valuable contributions in benefit of the Mexican and Mexican-American communities. November 9, 1993.

Physician Advisor of the Year, 1991-1992. The Methodist Hospital-Utilization Management Program.

Advisory Board to the Mexican Institute of Culture of Houston. Member, October, 1991.

Advisor for the Mexican Consulate, Honorary Member, November, 1991.

Physician Advisor of the Year, 1990-1991. The Methodist Hospital-Utilization Management Program.

Certificate of "Excellence" from the National Prodigy Multiple Sclerosis Support Group, Kent, Washington, 1985.

Keynote speaker, Graduation Exercises - Occupational Therapy Assistant Program, Houston Community College, March 14, 1973.

Keynote speaker to the Neurological Nurse and Cardiovascular Nurse Specialist graduates, The Methodist Hospital, September 18, 1970.

## **AWARDS**

### ***"Lifetime Achievement Award", National Multiple Sclerosis Society, 2013***

*Labe C. Scheinberg Award* (best paper), Consortium of MS Centers: Computer Assisted Cognitive Rehabilitation for Multiple Sclerosis. Brittany J. Thorne, Francisco I. Perez, **Victor M. Rivera** and George J. Hutton. 25<sup>th</sup> Anniversary Meeting, CMSC, Montreal, Canada, June 4, 2011.

Fulbright & Jaworski, L.L.P., Faculty Excellence Award. Induction into de 'Academy of Distinguished Educators', 2011

Compassionate Doctor Award, Vitals ([www.vitals.com/specialists/hosuton](http://www.vitals.com/specialists/hosuton))

Patients' Choice Award, Vitals ([www.vitals.com/specialists/hosuton](http://www.vitals.com/specialists/hosuton))

*"Neurological Trajectory Award"*, National Association of Neurologists of the Mexican Institute of Social Security, 2009

### ***"Lifetime Achievement Award", Consortium of MS Centers, 2009***

***Physician Leadership Award***, Hispanic American Medical Association, 2007 Recipient

University of Houston Clear Lake, Scholarship Awards, *Recognizing our Hispanic Elders, source of Love and Inspiration*, 2007

Award for 'Science and Education' from the Mexican Academy of Neurology, XXX Annual Meeting, Merida, Mexico, 2006

*"Science and Education Award"*, Mexican Academy of Neurology, 2006

3<sup>rd</sup> Place Poster Presentation, Best Research Works, Mexican Academy of Neurology, 2005. (See "Other Works Communicating Research Results to Scientific Colleagues")

*"Distinguished Neurologist"* Mexican Academy of Neurology, 1999

“*Angel Award*” for Community services. General Consulate of Mexico, September 15<sup>th</sup>, 1997

“Physician of the Quarter”, Neurosensory Center, The Methodist Hospital, May-August, 1996

***Victor Rivera Award.*** Southwestern UT Medical School, Dallas, Texas. Manuscript competition for the Neurology Residents. To honor Dr. Rivera through an endowment. 1994 to present.

“*Special Recognition*”, General Consulate of Mexico and Institute of Mexican Culture, November 9, 1993

“Special Recognition Award” presented at the Willie Velazquez Excellence Awards Gala. February 18, 1993.

Physician Advisor of the Year 1990-1991; 1991-1992, The Methodist Hospital

Teaching Recognition Award, Department of Physical Medicine and Rehabilitation, Baylor College of Medicine, June 18<sup>th</sup>, 1988

Teaching Recognition Award, School of Occupational Therapy, Texas Women’s University, December 3, 1988.

## **OTHER APPOINTMENTS**

2012 – present	Senior Member, American Academy of Neurology
2012	Charter Speaker Genzyme
2012	Member Advisory Board, Multicultural Initiative, Fingolimod
2012-	Member Advisory Board, Teriflunomide: USA/Latin America
2011-	Member National Advisory Board, Hispanics with MS Education, Acorda
2010	Member National Consulting Board, Fingolimod
2010	Member National Advisory Board, Zenvia
2000-present	Member National Hispanic/Latino Advisory Council, National Sclerosis Society, New York, New York.
2001-2006	Advisory Board Scientific Comm. Pan-

	American Society of Virology
2000-2003	Member Founder, Texas MS Consortium. (Consortium tabled in 2003)
2000-2002	Coordinator, Scientific Committee Mexican Academy of Neurology.
1981-present	Fellow, American Academy of Neurology
1997, 1998, 1999	Member, Advisory Board of the Houston-Mexico Community Health Summit II
1997-2000	Member, Mexican Empresarial Council in Houston (Consejo Empresarial Mexicano en Houston).
1978- present	Active member, American Academy of Neurology.
1978	Member, Review Board (Bilingual Education in the Houston Independent School District) for the Department of Health, Education, and Welfare.
1978	Member, Community Hospital Staff Programs Task Force, American Heart Association, Houston Chapter, Inc.
1977-1978	Member, Physician's Hypertension Task Force, American Heart Association, Houston Chapter, Inc.
1976	Chairman, Physician's Section, Stroke Task Force, American Heart Association, Texas Affiliated, Inc.
1975-2003	Consulting Physician (Neurology), Texas Rehabilitation Commission.
1972-1997	Fellow, Houston Academy of Medicine.
1971-1978	Associate Member, American Academy of Neurology.
1967-1971	Junior Member, American Academy of Neurology.

### **OTHER SCIENTIFIC APPOINTMENTS AND SOCIAL CONTRIBUTIONS**

2010-present	Baylor College of Medicine Alumni Awards Committee
2011-present	Chair, Acorda Hispanic Initiative

2010–present	Elected to the Executive Committee BCM Alumni Association
2009-present	Member Subcommittees, South Central Region, NMSS, • Clinical Affiliation Review Committee • Financial Assistance Task Force for Comprehensive Clinics • Outreach and Access to Services Subcommittee, Chair..
2009-2010	Chairman Education Committee, Hispanic American Medical Association, Houston Chapter (HAMAH)
2009-present	Chairman Core Action Team, US Hispanic Multiple Sclerosis Initiative
2008-present	Member Global MS Registry project, Consortium of MS Centers
2008-present	Appointed to the National Medical Advisory Board (Executive Committee), National Multiple Sclerosis Society (NMSS)
2008	U.S. Senator Kay Bailey Hutchison Hispanic Advisory Committee
2007-present	Chairman, National Hispanic/Latino Advisory Council, NMSS
2007-present	Member Institutional Review Board of Baylor College of Medicine
2006-2010	International Committee of the Consortium of MS Centers, National MS Society, American, European and Latin American Committees for Treatment and Research in MS, to Validate and Standardized the <i>Expanded Disability Scale Score</i> (EDSS)
2006-present	Consortium of MS Centers Nominations Committee
2006-present	Appointed to Baylor College of Medicine IRB, Hispanic Representation
2006	Reviewer Career Investigator Program application. Michael Smith, Foundation for Health Research. Vancouver, BC, Canada
2004-present	World Federation of Neurology, Educational Subcommittee for “Spanish Speaking Countries in the Developing World”
2003-present	National Medical Advisory Board, NMSS and National Board of Clinical Advisory Chairs, NMSS
2004 -2005	Editor-In-Chief, “BRAINLINC” Learning in MS

	Cases. International Committee to improve Quality of Life.
2003-present	National Committee of Clinical Advisory Chairs, NMSS
2002-present	National Hispanic/Latino Committee for the NMSS
2002-present	Delegate for Mexico, American Academy of Neurology, Spanish Course
2002-present	Member, International MS Scientific Advisory Board
2002-2003	Secretary Steering Committee, "BRAINLINC".
2002-2005	Member, Board of Directors of the Lone Star Chapter, NMSS
2002-2005	Chair, Clinical Advisory Committee, the Lone Star Chapter, NMSS
2001-2005	President, LACTRIMS
2001-2003	Coordinator, Scientific Committee, Mexican Academy of Neurology
1999-2001	Vice President, Latin American Committee for Treatment and Research in Multiple Sclerosis (LACTRIMS)
1999-2001	President, Mexican Medical Association to Study MS.
1999-2001	Coordinator, Study Section of Demyelinating Diseases (SDDD), Mexican Academy of Neurology.
1998-2000	President, "Club de Amigos of the IMSS in the USA" - Friends of the Social Security Mexican Institute in USA (Texas, New Mexico, Arizona, Louisiana, Alabama, Mississippi, Florida, Arkansas, South Carolina, Oklahoma, Georgia, New Jersey).
1997-1998	Member, Hispano American Biomedical Association, Advisory Services Committee.
1997	Member, Advisory Board Camp-for-All, Texas.
1996-1998	President, Alumni Association School of Medicine, Autonomous National University of Mexico "In Foreign Lands". AMEE-UNAM
1996-1998	Member, Board of Directors DA CAMERA of Houston.

- 1996-1999 Secretary, above SSDD, Mexican Academy of Neurology.
- 1995 Co-Chair, Steering Committee, Reorganization of the Mexican Association against MS, Washington, D.C., July 28, 1995.
- 1995-1998 Chairman, Medical Advisory Committee, National Multiple Sclerosis Society, Southeast Texas Chapter.
- 1995-1999 Member, Board of Trustees, National Multiple Sclerosis Society, Southeast Texas Chapter.
- 1995-1998 Member, Executive Committee, National MS Society, Southeast Texas Chapter.
- 1993 Parke-Davis Alzheimer's Disease National Speaker Member. Morris Plains, NJ. March, 1993.
- 1993 Worship Leader, Commemorative Service in honor of the late Reverend Martin Luther King. Weiss Chapel of the Methodist Hospital. Houston, Texas. January 18, 1993.
- 1992-1997 Member, Board of Directors of the Hispanic Medical Association of Houston (HAMAH).
- 1992-1998 Director, Board of Directors of Doctors Rehabilitation Corporation of America (DRCA).
- 1988-2003 Medical Advisory Board. Parkinson Foundation of Harris County.
- 1987-1989 President, Friends of Jesuit Missions in Mexico.
- 1985 Major Grantor, Pasadena Philharmonic Society.
- 1984-1985 Chairman, Board of Directors, Stroke Groups of Houston.
- 1984-1999 Member, Board of Directors, Friends of Jesuit Missions in Mexico.
- 1984-2000 Physician, Crippled Children's Services Program. Texas Department of Health.
- 1982-present Fellow, American Academy of Neurology.

1981-1985 Member, Board of Directors, Stroke Groups of Houston.

1981-1984 Member, Board of Directors, Houston Chapter Tourette's Society.

1981,1983-1984 Member, Board of Trustees, National Multiple Sclerosis Society, Houston Area.

1981-1983 Chairman, Medical Advisory Committee, Multiple Sclerosis National Society, Houston Area.

1980-present Member, Advisory Committee, Multiple Sclerosis National Society, Houston, Southeast Texas and Lone Star Chapter.

1980-1981 Team Physician. Assistant to Dr. Eddie Matsu. Houston Hurricanes Professional Soccer Club.

1979-1985 Member, Board of Directors, Houston Area Parkinson's Society.

## **RESEARCH SUPPORT AND CLINICAL RESEARCH EXPERIENCE**

OCRELIZUMAB in PRIMARY PROGRESSIVE MS. Biogen Idec **(Co-I)**

COGNITIVE REHABILITATION IN MS. Private Donor. **(Co-I)**

STRATIFY-2 (JCV antibody testing in proposed and active Tysabri patients), Biogen Idec **(Co-I)**.

*FTY23022302D Extension*. Fingolimod (open study), Novartis **(Co-I)**

TRANSFORMS study. Randomized, double-blind trial comparing oral daily Fingolimod 1.25 mg vs 0.5 mg vs Betainterferon 1-a, 30 mcg IM once a week in RRMS (completed 2009) **(Co-I)**.

*DreaMS* ONO-4641. RRMS, oral medication vs placebo. ONO. **(Co-I)**

-EFC4058 Teriflunomide vs Placebo. Sanofi Aventis. **(Co-I)**

-101ms325 GA/IFN-beta vs Tysabri. Biogen Idec **(Co-I)**

“CONFIRM” BG00012, Copaxone, placebo. Biogen Idec. **(Co-I)**

“ENDORSE” BG00012 Open label, Biogen Idec **(Co-I)**



“ONWARD” Cladribine vs Placebo + Rebif, EMD Serono. **(Co-I)**

*HALT-MS*. NIH. Bone Marrow Transplant and High Dose Immunosuppression for treatment of poor prognosis MS. Completion expected 2015-**(Co-I)**

*REbiQUOL Protocol*. EMD Serono. 2007- **(PI)**

*COBRATOXIN* in Multiple Sclerosis. Symptomatic therapy to improve muscle strength. **Clinical Trial Advisor to the FDA, 2006.**

*Tissue Banking Protocol*. Baylor MS Center. **(Co-PI)** 2006 – on going.

*Cognitive Retraining Protocol*. Computer-assisted cognitive rehabilitation protocol. Private Donor. 2006-on going. **(Co-I)**.

*CombiRx* . Avonex + Copaxone. Drug naïve RRMS patients. Trial completion expected 2012. NIH. **(Co-I)**.

*ABOVE*. RRMS patients on Avonex , randomized to either Avonex or Betaseron. Phase III-IV. Berlex. 2004- BCM **(PI)**

*BEYOND*. RRMS patients, treatment naïve, randomized to BS250 or BS500 or Copaxone. Phase III-IV. Berlex. 2004- BCM **(PI)**

*ACHIEVE*. RRMS patients on Betaseron or Rebif randomized to continue high dose INFN or Copaxone. Teva. 2004- BCM **(Co-I)**

*INSIGHT*. Antibody study in patients on Interferon Beta therapy. **(Co-I)**

*OLYMPUS*. PPMS patients. Phase III double-blind trial. Genetech. 2004- BCM **(Co-I)**

*SENTINEL*. RRMS patients. Multi-Center Study Natalizumab and Avonex in MS. Phase III Study. Biogen Inc.2002-2005 BCM **(PI)**. C-1802 **(\*\*)**

*HERMES*. RRMS patients. Multi-center Rituximab 2:1 Placebo **(Co-I)**

*ACT*. RRMS patients. Multi-center Avonex ± Methotrexate ± Methylprednisolone iv **(Co-I)**

*RENEW* -Registry to Evaluate Novantrone Effects in Worsening MS. Phase IV Safety and Effectiveness Trial. Immunex Corporation. 2000-2005. BCM **(PI)**

*CAMPATH* in early, active Relapsing Remitting MS, drug naïve patients. Phase III. Ilex Corporation. 2003-2005. BCM **(Co-I)**

A Placebo-Controlled, Double-Blind, Randomized to Study Tizanidine. Elan Pharmaceuticals, Inc. 2000-2002. Baylor College of Medicine **(PI)**

In Vitro Evaluation of Cross-Reactivity of Antibodies Reactive with IFN beta-1b with IFN

beta-1a. SERONO Laboratories. PI. 1997. Baylor College of Medicine **(PI)**

High Dose Beta Interferon-1a in the Treatment of 10 Mexican Patients with Progressive MS. Open Trial. PI. 1997. Non-sponsored, medication-gratis. SERONO Laboratories and the Mexican Association Against MS. Baylor College of Medicine **(PI)**

Class II Major Histocompatibility Molecular Antigen in MS Patients and Familial Cases from Chihuahua, Mexico. Co-PI. Non-sponsored, cost-free. University of Chihuahua Medical School, Mexico. PI: Merced Velazquez, M.D. **(Co-I)**

T-Cell Vaccination and Clonotypic Regulation of Auto-Reactive T cells in Autoimmune Diseases: Regulatory Mechanism and Therapeutic Implications. **Co-PI** 1997-1998. Sponsorship from NMSS Pending. Baylor College of Medicine. PI: Jingwu Zang, M.D., Ph.D.

Long Term Open Study to Evaluate the Safety of Copaxone in Relapsing-Remitting Multiple Sclerosis (T-IND Copolymer I Study). PI. 1995-1996. BCM **(PI)**

Diflunisal/Tension Headache Single-Dose Parallel Study. Merck-Sharp-Dohme. **PI**. 1985. Contract. Houston Neurological Center. Total Health Care Center of The Methodist Hospital(“)

Tacrine ("Cognex"). Extended Open Study to Evaluate Efficacy and Safety in Alzheimer's Disease. Parke-Davis Laboratories. 1993. Co-PI. Contract. Houston Neurological Center. Total Health Care Center of The Methodist Hospital **(PI)**.

Sumatriptan Succinate ("Imitrex"). Cerenex Pharmaceuticals, Division of Glaxo, Inc. Extended Open Study in Acute Migraine Attacks. Co-PI. Contract. Houston Neurological Center. Total Health Care Center of The Methodist Hospital.1993. **(PI)**

Tizanidine Study in Spasticity Due to Multiple Sclerosis: Double-blind controlled and open label trials. Athena Neurosciences, Inc. Bio-Pharm Clinical Services, Inc. **(PI)** 1992 to 1995. Contract. Division of Restorative Neurology & Human Neurobiology, Baylor College of Medicine.

Brain Stem Evoked Responses in Neurological Disease. National Institute of Neurological Disorders and Stroke. Co-investigator. PI: Bobby R. Alford, M.D., **co-PI**: James Jerger, Ph.D. 1976 to 1989. Grant. Department of Otorhinolaryngology & Communicative Sciences, Baylor College of Medicine **(Co-I)**

Cerebral Vasodilators: Hexobendine: controlled and open studies. Byk-Gulden. Co-PI. 1970-1971. Direct cost for overall period: information not available. PI: John Stirling Meyer, M.D. Contract. Cyclandalate: controlled trials. Mead Johnson. **(Co-I)** 1971-1972. Cost information not available. PI: John Stirling Meyer, M.D. Contract. Betahistine-HCl: controlled trials. Byk-Gulden **(Co-I)** 1972-1975. BCM.

Glycerol in Brain Edema Secondary to Cerebral Infarction.  
Oral and intravenous administration controlled and open trials. No funding agency.

**(Co-I)**; PI: John Stirling Meyer, M.D. 1972-1974. Baylor College of Medicine.

Therapeutic Trials in Amyotrophic Lateral Sclerosis. Securinine: Open study. Philadelphia College of Pharmacy. PI. 1970. Direct cost for overall period. Isoprinosine HCl: open study. Granting agency no longer present. Cost information not available. **(Co-I)**. PI: John Stirling Meyer, M.D. 1970.

Modified Neurotoxin (detoxified snake venom); controlled and open studies. Sanders Medical Foundation, Boca Raton, Fl. **(PI)** 1975-1978. Baylor College of Medicine.

Double-blind study using amitryptiline-HCl as migraine prophylactic. Merck-Sharp-Dohme. 1976-1977 **(PI)**. Contract. Zimmerman Clinic, Houston, Texas.

Evaluation of Timolol, Inderal and Placebo in Migraine Prophylaxis. Merck-Sharp-Dohme. **(PI)**. 1984. Contract: Houston Neurological Center. Total Health Care Center of The Methodist Hospital.

A double-blind, 4-way crossover study to evaluate the efficacy and safety of diazepam/acetaminophen combination in the treatment of muscle contraction headache. Merck-Sharp-Dohme. **(PI)** Contract. Houston Neurological Center. Total Health Care Center of The Methodist Hospital.

## **SCIENTIFIC PARTICIPATION**

### **Editorial Boards:**

Guest Reviewer, *Multiple Sclerosis and Related Disorders* (Elsevier), 2013

Guest Reviewer, *Drug Design, Development and Therapy*, Dover Medical Press Ltd, 2013

Special Advisor to the Editorial Board, *Latin America Multiple Sclerosis Journal*, 2012. Atha Comunicação

Editor-in-Chief, *Opción Múltiple*, 2012

Guest Reviewer, *Journal of Current Drug Safety*, 2012

Guest, Lead Editor, *MS International*, Special Issue 2012, Hindawi Publishing Corporation

Guest Reviewer, *Dove Medical Press, LTD*, 2011

Editorial Board Member: *The Scientific World Journal* (a Hundawi Publishing Corporation), 2011, 2013

Guest Reviewer, *Multiple Sclerosis and Related Disorders*, Elsevier, 2011

Guest Reviewer, *Expert Opinion Biological Therapy*, 2011

Guest Reviewer, *Expert Review of Neurotherapeutics*, 2010

Editorial Board Member: *DIME. iPointOfCare.org* (on-line activity).MS IPOC, 2010, 2011

Guest Reviewer, *Neurology*, 2009

Guest Reviewer, *Neuroepidemiology*, 2008, 2011

Guest Reviewer, *Multiple Sclerosis*, 2006, 2010

Guest Reviewer, *Journal of Neuroimmunology*, 2006

Editor-In Chief, "*BRAINLINC*", Elsevier, 2004

Editorial Board Member, *International Journal of MS Care* 2004-present

Guest Reviewer, *European Journal of Neurology (EJN)*, 2003, 2004-present

Guest Reviewer, *The New England Journal of Medicine*, 1985, 1999, 2003, 2004, 2005, 2006, 2009

Guest Editor, *Medico Interamericano*. Colegio Interamericano de Médicos y Cirujanos, 1999.

Editor member, *Biomedicine*, The Journal of the Hispano-American Biomedical Association, 1999-2003.

Editor, *Neurofacts*, Pracon, a Division of Excerpta Medica, 1997- 1999.

Guest Editor, *Journal of the American Academy of Audiology*. Houston, Texas. 1993.

Guest Editor, *Postgraduate Medicine*. A McGraw-Hill Publication. 1986.

**International Advisory Contributions to Granting Agencies, Clinical Research and Faculty promotions. Referee participation.**

Guide on Clinical Practice on the Attention to People with Multiple Sclerosis. Health Department of Cataluña (Barcelona, Spain), External reviewer, 2013

Shosta Rustaveli National Science Foundation of Georgia (SRNCSFG), Tbilisi, Georgia.  
International Peer-Reviewer, 2012 - 2013

Guide on Integrated Attention to Patients with Multiple Sclerosis. Advisor. El Salvador,  
Central America, 2012.

Kentucky Science & Engineering Foundation, University of Kentucky 2003

Qatar National Research Fund. Grant reviewer. 2010 - present

Michael Smith Foundation for Health Research. Vancouver, Canada, 2008

Jordan University of Science and Technology. Department of Council Affairs.  
Amman, Jordan, 2007.

Asociación Médica Mexicana para el Estudio de la Esclerosis Múltiple  
(AMMEEM). Mexican Academy of Neurology. Mexico City 1999 – present.

Neurology Department, University of Southern California, Los Angeles, CA (NIH grant  
review), 2011

### **National Advisory Contributions. Tenure Track Faculty Promotions**

Baylor College of Medicine, Houston, Texas, 1994-present.

Southwestern University of Texas, Department of Neurology, Dallas, Texas, 2005

The Cleveland Clinic, Cleveland, OH, 2008 – present.

State University New York (SUNY), Buffalo, NY, 2008..

University of California at Los Angeles (UCLA), Department of Neurology, Los  
Angeles, CA, 2009 – present.

University of Michigan, Department of Neurology, Ann Arbor, MI, 2010.

Wayne State University, Department of Neurology, Detroit, MI, 2010.

### **REVIEW PANELS**

Director, Review Commission for LACTRIMS 2012, to select best paper, Rio de Janeiro,  
November, 2012.

Advisory Board Latin America: Genzyme, Rio de Janeiro, Brazil, November 27<sup>th</sup>, 2012

Advisory Board: Teva Neuroscience, Dallas/Fort Worth, Texas, November 2-3, 2012.

Advisory Board: Teriflunomide, Sanofi, Dallas/Fort Worth, Texas, November 19-20, 2012.

External (Independent) Reviewer: Clinical Practical Guidelines on Multiple Sclerosis, *Agència d'Informació, Avaluació i Qualitat en Salut* (Catalan) (Agency of Information, Evaluation and Quality in Health), Barcelona, Spain, 2011

Development of Latin American Guidelines for Diagnosis and Management of the First Event as "Demyelinating Isolated Syndrome". Chair. Latin American Committee for Treatment and Research in Latin America. Quito, Ecuador, July 8, 2011

Advisory Board: Hispanic Initiative, Acorda, 2011

Advisory Board on *Laquinimod and Copaxone*, Teva, 2011, 2102

Advisory Board on *Ampyra*, Acorda, 2011

Advisory Board on *Fingolimod*, Novartis, 2010

Advisory Board on *Zenvia*, Avanir, 2010

Advisory Board on *Extavia*, Novartis, 2008.

National Tysabri Advisory Consulting Board. Biogen Idec, 2006, 2008, 2009, 2010, 2011.

Advisory Board Member. Schering AG RD&D Portfolio, ECTRIMS. Madrid, Spain, September 25-29, 2006.

Member Advisory Panel Genzyme. CAMPATH trials/ Phase II Dosing-on-hold, Safety Measures, Risk Management Strategies. Phase III designing, 2006.

Zanaflex. Physician Advisory Panel Discussion. Athena Neurosciences. Hotel Juliana, San Francisco, Cal. October 13, 2004.

Member, Dissertation Committee for Ph.D. candidate Fu-Mei Lin. The effects of sensory intervention on the wrist movement control in both normal subjects and spastic patients. Texas Woman's University, School of Physical Therapy, 1995.

Grant proposal reviewer, Wesley Foundation, Wichita, Kansas, 1990.

Archives of Neurology: Strategies to improve impact and quality of publications. Physician Advisor. August 1989.

Member, Review Board (Bilingual Education in the Houston Independent School District) for the Department of Health, Education and Welfare. 1978.

Member, Community Hospital Staff Programs Task Force, American Heart Association, Houston Chapter, Inc. 1978.

Member, Physician's Hypertension Task Force, American Heart Association, Houston Chapter, Inc. 1977-1978.

### **PROFESSIONAL SOCIETIES: (\*active)**

Latin American Committee for Treatment and Research in MS (Founding Member)\*

Mexican Medical Association to Study MS (AMMEEM) (Founding President)\*

The Royal Society of Medicine, Great Britain American Academy of Geriatrics American Academy of Neurology\*

American Heart Association

American Medical Association

Harris County Medical Association\*

Houston Neurological Society\*

International League Against Epilepsy

International Rehabilitation Medicine Association

Texas Medical Association\*

Sociedad Mexicana de Electroencefalografia y Neurofisiologia Clinica, A.C., Mexico

Texas Neurological Society (charter member)\*

Mexican Academy of Neurology (founder/member)\*

Society for Computerized Tomography & Neuroimaging

The New York Academy of Sciences

Hispanic American Medical Association of Houston\*

International (Houston) Delegate for the Mexican

Chapter of the International League Against Epilepsy

[Inactive association memberships did not correspond any longer to current scientific and academic interests]

### **ELECTED POSITIONS (election by peers):**

Member, Executive Committee BCM Alumni Association, 2010-present

Member-at-Large and Chancellor, LACTRIMS 2005-present

President, Latin American Committee for Treatment and Research in MS (LACTRIMS) 2001-2005

Chairman, Clinical Advisory Committee, National Multiple Sclerosis Society, Lone Star

Chapter, 2002-2005.

Vice President, Latin American Committee for Treatment and Research in MS (LACTRMS), 1999-2001.

President, Mexican Medical Association to study MS, 1999-2001.

Coordinator, Section of study of Demyelinating disease, Mexican Academy of Neurology, 1999-present.

President, "Friends of IMSS in USA" (Social Security Mexican Institute) - (12 USA States), 1998-2000.

President, Alumni Association National University of Mexico, 1996-1998.

The Methodist Hospital, Deputy Chief Neurology Service, 1995 – 2003.

The Methodist Hospital/Baylor College of Medicine Neurology Voluntary Faculty Representative. Clinical Practice Organization Policy Committee. 1993-1994.

Chairman, Medical Advisory Committee, National Multiple Sclerosis Society, Southeast Texas Chapter, 1981-1983, 1995-1998.

Chairman, Neurology Service, Medical Center Del Oro Hospital, Houston, Texas 1980-1984.

### **INVITED SPEAKER AND/OR MODERATOR AT NATIONAL LECTURES AND MEETINGS**

Texas Neurological Society, Satellite Pee-to-peer Round Table. Teriflunomide, San Antonio, Texas, July 19, 2013.

Patient Programs: "If I knew..." Corpus Christi, Texas, June 24; Chicago, Ill., June 27, 2013.

Presentation at the Novartis National Sales Specialist Annual Meeting, "Discussions on Gilenya in Real Life utilization". Atlanta, GA, June 27, 2013

Patient Programs, "If I knew...", 12 Oaks and Granada Hills, Los Angeles, CA, June 18, 2013.

Patient Program, "If I knew..", Pharr, Texas, June 11, 2013.

Temple, Texas, neurologists, "Treatment with Aubagio", June 6, 2013.

Patient Event: "The Power of Knowledge" (Spanish), Albuquerque, New Mexico, May 21, 2013

Horizon CME: Current Treatment of MS. Anaheim, California, May 1, 2013



Patient Program: "Treatment with Aubagio", Corpus Christi, TX, April 27, 2013.

Patient Program NMSS: "Treatment with Aubagio", St Louis, MO, April 25, 2013.

Sugar Land Neurological Group: "Applying treatment with Gilenya in neurological practice", Houston, Texas, April 24, 2013.

Webinar: "Changes in the MS Landscape", MS Eye Care, University of Houston, April 11, 2013.

Teleconference "Café con Leche", national conference in Spanish (NMSS), "Topics on Cognition Dysfunction in MS", March 12, 2013.

Co-Chair, MS Hispanic/Latino Initiative, University of Miami, Miami, Fla., March 11, 2013.

Northeast Texas Neurology , "An Overview of Gilenya®", Tyler, Texas, March 25, 2013.

Town and Country Neurology, "Changes in the MS Landscape", Houston, Texas, March 4, 2013.

Webinar: 1-to-1 Review of the new therapeutic landscape. Texas Children's Hospital, Pediatric Neurology Department, Houston, Texas, January 24<sup>th</sup>, 2013.

Katy Neurology, "Changes in the MS Landscape", Katy, Texas, January 17<sup>th</sup>, 2013.

Webinar: The Rapid Changing MS Treatment Paradigm. Peer-to-Peer Academic Updates. Virtual visiting professor, PRIME. Neuroscience Group Neenah, WI, January 7, 2013

NeuroCare Plus. Methodist Hospital at Katy: "Changes in the MS Landscape", Katy, Texas, December 11<sup>th</sup>, 2012.

Louisiana State University at Shreveport, Neurology faculty and residents: "Changes in the MS Landscape". Shreveport, LA, November 14<sup>th</sup>, 2012.

The Green Clinic: "A new option of therapy for MS", Ruston, LA, November 14<sup>th</sup>, 2012.

The Woodlands Sleep: "Changes in the MS Landscape", The Woodlands, Texas, November 7, 2012.

Memorial Neurological Association: "Changes in the MS Landscape", Houston, Texas, October 29<sup>th</sup>, 2012.

Presentation on Biosimilar Inteférons issue: Probiomed, Mexico City, September 14<sup>th</sup>, 2012.

Acorda Hispanic Initiative in Multiple Sclerosis. Presentation of Survey Results on

Hispanic Populations, Discussion to identify future steps, gaps and opportunities. San Diego, Cal, September 8, 2012.

Webinar: Stratification and Selection of MS Therapy. Innervation LLC, June 19, 2012.

Grand Rounds Conference: "PRISMS: an historical pivotal trial in Relapsing MS", Louisiana State University, New Orleans, LA, June 7, 2012.

Lecture: Efficacy Across the Range. Baton Rouge Neurological Group, Baton Rouge, LA, June 6, 2012.

Consortium of MS Centers 2012: (1) Inaugural Welcome Speech representing LACTRIMS, (2) Chair, LACTRIMS Symposium: Latin American Perspectives on NMO, (3) Workshop: Access to MS Care in Rural Communities (in behalf of the NMSS). San Diego, Cal., May 31 – June 2, 2012.

Selecting your Therapy, Natalizumab, Patient's Event. Tyler, Texas, April 25, 2012.

Co-Chair, Hispanic/Latino Ad Board, Novartis, March 9, 2012, New Jersey, NJ.

Panel Discussion, Neuroimmunomodulating Oral Agents for Multiple Sclerosis, CME Education Resources and the Massachusetts Medical School, January 21, 2012

Panel Discussion Webinar. "Evaluating and Managing the Risks in MS". Taped at the Maxine Mesinger MS Clinic, EuroRSCG, Houston, Texas, January 16, 2012

Panel Discussion and CME Video, "MS Across Borders: Effective MS Management Among Hispanic & Latino Patients. University of Miami, December 2, 2011

Peer-to-Peer Round Table: Education on Natalizumab and the role of the JCV antibody test, Tyler, Texas, November 14<sup>th</sup>, 2011.

PRIME CME Seminar: Emergent Therapies, Academy of Managed Care Pharmacy, Dallas, Texas, October 31, 2011.

Seminar: Data supporting Fingolimod: The Methodist Hospital, Houston, Texas, February 23, 2012; October 27<sup>th</sup>. Peer-to-Peer Discussions: Rush University MS Center; University of Chicago and Northwestern University, October 28<sup>th</sup>, Chicago, IL.

Seminar: "Una mirada más cercana a la esclerosis múltiple", Patients program, September 17, 2011.

Seminars for Patients: Gilenya a New MS Therapy. Patients Groups: Houston, Texas, March 8, 2012; Texarcana, Texas, February 27; Humble, Texas, February 18, 2012; Houston, Texas, August 18, 2011; Midland, Texas, September 15, 2011; Amarillo, Texas, October 13<sup>th</sup>, 2011; Schaumburg, Ill, October 29, 2011.

Chair, Acorda Hispanic Initiative, San Francisco, California, September 9-10, 2011.

Lecture: Data supporting clinical use of Gilenya. The Methodist Hospital Nurse Practitioner Group, Houston, Texas, February 23, 2012; Neurologists group, Corpus Christi, Texas, August 18, 2011.

Seminar: Finding the right MS treatment for you. Patients Group, Katy, Texas, August 6, 2011.

Seminar: Wide range of efficacy (Betainterferon 1-a, high dose). Houston, TX, July 21, 2011.

MOA and Clinical Data supporting Treatment with Fingolimod. Professionals seminars:  
(1) Texas Neurological Society, San Antonio, Texas, July 15<sup>th</sup>, 2011.  
(2) Wichita, Kansas, July 14<sup>th</sup>, 2011.

Seminar: Selecting your Therapy. Patients Group. Houston, Texas, June 30<sup>th</sup>, 2011.

Seminar: Selecting your Therapy-Patients Group. McAllen/Pharr, Texas, June 24, 2011

Seminar: Dealing with your symptoms-Patients Group. Harlingen, Texas, June 23, 2011.

Gilenya: Data on MOA, efficacy and safety. Dinner Meetings: The Woodlands, Texas, May 12<sup>th</sup>, 2011; *ibid* April 8, 2011, Baytown, Texas and March 23, 2011, Houston, Texas (Neurologists in Private Practice).

“Who?Why?How?” Bay Area MS Self-help Support Group. Clear Lake, Texas. May 14, 2011.

Moderator Panel: “Therapeutic Decisions”, Houston, Texas, May 10, 2011.

Lecture: “Efficacy across a wide range of patients”, Oklahoma Medical Research Foundation, Oklahoma City, OK, April 28, 2011.

Seminar: “Optimizing your treatments; communicating with your healthcare giver”, Patients event, Beaumont, Texas, April 9, 2011.

Lecture on ‘Evidence from the BENEFIT trial’, University of Texas Southwestern, Dallas, Texas, March 29, 2011.

Seminar: “Taking control of your MS”, Patients conference, Houston, Texas, March 15, 2011.

Panel Moderator on ‘New Therapies’, Texas Neurological Society Annual Meeting, February 26, 2011.

PRIME Presentation on MOA of the new molecules. Back from ECTRIMS. Corpus Christi, Texas, February 23, 2011.

*Ibid.* Houston, Texas, February 22, 2011.

Examining the Evidence of Beta interferon 1-b: the pivotal trial and BENEFIT. Park Plaza Neurology Group, Houston, Texas, February 17, 2011.

“Examining the Evidence.: MS Therapy Selection”. Healthsouth Rehabilitation Hospital, Beaumont, TX, December 11, 2010.

“Mirando con Profundidad a Esclerosis Múltiple”. MS Spanish-speaking Group. Houston, Texas, December 4, 2010.

CCSVI Treatments in MS. Bear Creek Self Help Group. Lone Star Chapter, NMSS, Katy, Texas November 20, 2010.

Educational Program for Managed Care and Specialty Pharmacies Managers and Pharmacists. PRIME®. Phoenix, AZ, November 10<sup>th</sup>, 2010.

Update from the NMSS. Patients Program, Houston, Texas, September 25, 2010.

LACTRIMS 2010: Report on the VI Congress, Santiago, Chile. Dinner Event, Latin American Neurologists, Houston, Texas, August 26, 2010.

Patient’s Program: “Update in MS”, El Paso, Texas, July 30<sup>th</sup>, 2010

Chair, Latin American Committee for Treatment and Research in MS (LACTRIMS) Symposium, Consortium of MS Centers meeting, San Antonio, Texas, June 5<sup>th</sup>, 2010

Webinar 5 point star (National Multiple Sclerosis Society chapters: Louisiana, Oklahoma, Arkansas, Texas, New Mexico), “MS in Latin Americans”, May 18, 2010.

Patient’s Program: “Taking control of your MS”, Houston, Texas, April 6, 2010

Patient’s Program: “Taking control of your MS”, Houston, Texas, December 12, 2009.

Physician’s Program” The Role of Clinical Vigilance in MS Therapeutics”. Houston, Texas, December 3, 2009.

Lecture: “MS in Latin Americans”. Hispanic American Medical Association Symposium. Houston, Texas, November 21, 2009.

Webinar “MRI in MS. The Queen Square Study”. Sponsored by Bayer HealthCare, November 9, 2009.

Lecture: Overview of Multiple Sclerosis (MS). University of Houston College of Optometry, October 25, 2009.

Lecture: MS in Latin-Americans. Center for Research on Minority Health, University of Texas MD Anderson Center, October 1, 2009.

Lecture: Treatment of High EDSS Group PRISMS study. Naples, Fla., September 11, 2009.

Webinars in Spanish for Physicians ('Rapid Results with Confirmed Efficacy in RRMS') and Patients ('Analyzing Evidence in Selection of Therapy for MS'), Sponsored by EMD Serono/Pfizer. September 22, 23, 24, 29, 30, 2009, October 6, 2009.

Webcast on Management of the First MS Event, August 13, 2009.

Lecture: Individualizing your Therapy. Patients Support Group, Galleria Area, Houston, Texas, August 13, 2009.

Lecture: Case Report: "Natalizumab as a rescue therapy", Texas Neurological Society, Austin, Texas, July 17, 2009.

Lecture: "Current Overview of Multiple Sclerosis", University of Houston, College of Optometry, Lake Conroe, Texas, June 6, 2009.

Lecture: "Current concepts in MS". Hispanic American Medical Association, Houston, TX, May 27, 2009.

23<sup>rd</sup> Annual Meeting of the Consortium of MS Centers (1) Lecture: "Lessons from Latin America", LACTRIMS lecture, (2) Ethnocultural Concerns Symposium, Chair. Introduction. Atlanta, GA, May 28, 2009.

Lecture: The Treatment of MS. Current Neurology, Baylor College of Medicine, Houston, TX, November 8, 2008.

Consortium of MS Center initiative, Vox Medical, Regional Multiple Sclerosis Seminar to industry, Houston, TX, October 24, 2008.

"For many, the strength to reach your high hopes" Patients Program with Frederick Munschauer, III, M.D., Houston, Texas, October 3, 2008.

"Conversations on Multiple Sclerosis. A Panel Discussion Exploring the Challenges of MS", National MS Society, Georgia, Chapter, Atlanta, GA, September 27, 2008.

Life. Support. Education. *My MS, my Choice*. Patients Seminar, Museum of Fine Arts, Speaker. Houston, Texas, August 9, 2008.

22<sup>nd</sup> Annual Meeting of the Consortium of MS Centers (1) MS Genetics in Latin America. Symposium, Chair. (2) Lecture: Identification of Affected Groups. (3) Ethnocultural Concerns in MS Care Workshop, Chair and (4) Lecture: The Latin American Patient. Denver, Colorado, May 28-31, 2008.

Update of the MS works and papers presented at the American Academy of Neurology, Chicago, Ill. MS Center Research Unit, May 15, 2008.

'Gloria Dei' MS Support Group, Clear Lake, Houston. "How MS Therapies Work?" March 15, 2008.

Grand Rounds Conference Internal Medicine Department, St Luke's Episcopal Hospital, Texas Heart Institute Denton Cooley Auditorium: "Current Management of MS", Houston, Texas, January 14, 2008.

*Staying Strong with MS*. Patient's event. Junior League of Houston, December 5, 2007.

Hispanic American Medical Association. Lecture: "MS Management". Houston, Texas, November 16, 2007.

Patients Event: "Dialogue of Hope and Health". Houston, Texas, November 3, 2007.

Patients Event: "Symptomatic Management", Houston, Texas, October 30, 2007.

Texas Neurological Society and the National MS Society. (1) Lecture: "MS in Hispanics" (2) Round Table "Crossfire" Moderator, San Antonio, Texas, July 20, 2007.

Patients Program. Museum of Fine Arts. "The latest news in MS", Houston, Texas, July 14, 2007.

Consortium of MS Centers, Washington, DC, May 30 – June 2, 2007. Chair of Workshop on Ethnocultural Concerns/Lecture: The Latin American Patient. Chair of Symposium of the Latin American Committee for Treatment and Research in MS/Lecture: New MS Epidemiology in Latin America.

American Academy of Neurology, Boston, MA, May 1 – 5, 2007. Report to the National Board of Clinical Advisory Chairs of the National MS Society (NMSS) on the Hispanic/Latino Advisory Council of the NMSS (Chair). Poster presentation on the RENEW study.

Patients Program: "Who wants to be a myelinaire?". Clear Lake, TX Support Group. NMSS, April 14<sup>th</sup>, 2007.

Hispanic/Latino Advisory Council of the NMSS meeting (appointed as Chairman). New York, NY, March 26, 2007.

Update on MS management. Telemedicine program to Mexico City, Guatemala and Rio de Janeiro. The Methodist Hospital, Houston, TX, February 23, 2007.

Difficult MS Cases Discussion. Community Neurologists, Corpus Christi, TX, January 24, 2007.

*The Whitaker-McFarlin Multiple Sclerosis Colloquium*, Consortium of MS Centers, Host Coordinator, Houston, TX, December 5, 2006.

Tysabri Advisory National Board. Las Vegas, NV, December 8, 2006.

Patients Educational Program. *MS Update*. NMSS. Houston, TX, December 2, 2006.

Sierra Providence Health Network, CEM Multiple Sclerosis Conference, El Paso, TX, November 17, 2006.

Round Table on New MS Issues, El Paso Neurological Community, El Paso, TX, November 16, 2006.

Lone Star Chapter of the NMSS, Annual Retreat and Board Meeting, Presentation: *MS in Latin Americans*, Greenspoint, TX, November 10, 2006.

Current Neurology 2006, Department of Neurology Baylor College of Medicine, Lecture: *Cultural Issues in Neurologic Care* (Ethics Credit). November 4, 2006.

MS Leaders of Opinion from Mexico, meeting in Miami, FLA, "Biosimilars", November 28, 2006.

Seminar, Failure to Treatment and the *TOUCH* program for Tysabri indications, Houston, TX, October 11, 2006.

MS Update of the Lone Star Chapter of the NMSS. Address to the Clinical Advisory Committee: *Mexican Americans with MS*. Lecture: *Cultural Issues in MS*. Dallas, TX, September 8 and 9, 2006.

Case Studies: Failure or intolerance to therapies. Community Neurologists. Houston, Texas. Sponsored by Idec. August 30, 2006.

*La Esclerosis Multiple no tiene Fronteras/Multiple Sclerosis has no Borders*. Programs in Spanish and English. Lone Star Chapter of the National MS Society (NMSS). Presentations for community neurologists and Patients. Tour: Mc Allen (July 14-15, 2006), San Antonio (August 11-12, 2006) and Houston, Texas (August 25-26, 2006).

MS Research Update for Patients. NMSS, Beaumont, TX, Saturday, October 7, 2006.

*MS Colloquium*. Speakers and Hosts Alumni Colloquium, Consortium of MS Centers. Washington, DC, July 22, 2006.

The Maxine Mesinger MS Clinic Symposium, "The Frontiers of Demyelinating Diseases" Director. Participants: Charles Poser, Visna Brinar, George Hutton, Daniel Ontaneda. Houston, Texas, June 23, 2006.

Consortium of MS Centers. Workshop on "Ethnocultural Concerns", Chair. LACTRIMS Symposium, Chair, Phoenix, Arizona, May 30-June 3, 2006.

*Hope for the Future*, Seminar for Patients. Guest Faculty, 'Current Research', Houston, Texas, May 20, 2006.

Vox Medica, Pfizer Preceptorship, The Maxine Mesinger MS Clinic. Director of course and speaker, May 1, 2006.

Advisory visit/meeting, Development of a *MS Clinic*. Scripps Clinic, La Joya, Cal., April

5, 2006.

American Academy of Neurology, News & E-news, Academic Focus Group invited member. San Diego, Cal., April 4, 2006.

SUNY Buffalo, NY. Jacobs Neurological Institute. "MS in Latin America", February 21, 2006.

Southern California NMSS Chapter: (1) Address to the Clinical Advisory Committee on "The MS Patient", Los Angeles, Cal (January 19); (2) Grand Rounds Kern Medical Center, "MS Update". Bakersfield, Cal. (January 20); Family Event for Patients (Spanish), Bakersfield (January 21) and Los Angeles, (January 22), 2006.

Advisory Panel Member (International Advisory Panel) to Genzyme on CAMPATH trials. Boston, Massachusetts, January 4, 2006.

Lecture (Dinner Seminar at La Mora): MS Treatment Responses. Long Term Efficacy of Immunomodulatory Agents. Baylor Neurology Department Residents, December 7, 2005.

Lecture "Why High-Dose, High-Frequency Interferon Therapy is important in RRMS". Pfizer CME Program. Camino Real, El Paso, Texas, December 8, 2005.

Presentation and Report as Chair of the Clinical Advisory Committee for the Lone Star Chapter of the NMSS to the Board of Trustees. Board Retreat, Frisco, Texas. Introductory Remarks of Scientific Speaker at Annual Board Dinner. Coordinator of Scientific Program. November 18 and 19, 2005.

Advisory Panel to Genzyme on CAMPATH trials. Boston, Massachusetts, January 2006.

Welcome Remarks, Visit of John Richert, M.D. NMSS Vice-President for Research and Clinical Programs, to Texas Children's Hospital and launching of the Pediatric MS Center. Texas Medical Center, September 8, 2005.

VIP visit and lecture at Serono Research Institute, "MS in Latin America", Rockland, Mass, August 20<sup>th</sup>, 2005.

Lecture (Dinner Seminar at Mark's): "Status of Tysabri", Houston, TX, July 26, 2005.

Consortium of MS Centers, Annual Meeting: (1) Welcome remarks as President of the Latin American Committee for Treatment and Research in MS (LACTRIMS), (2) Chairman of 2 sessions on "Ethnocultural Aspects in MS", (3) Co-Chairman, LACTRIMS Symposium, Orlando, FLA, June 1-4, 2005.

Lecture: Community neurologists and Warm Springs MS Rehabilitation Center, "Diagnosis and Early Treatment of MS", San Antonio, June 23<sup>rd</sup>, 2005.

Seminar: "Early Treatment, Aggressive Treatment of MS", Houston, TX, March 1, 2005.



Patient's Seminar: National MS Society (NMSS), Lone Star Chapter: (1) Introduction of Clinical Advisory Committee, (2) Update on "Tysabri", Corpus Christi, TX, March 4,5, 2005.

Seminar: "Eye Signs in MS", Moderator, NMSS, Houston, TX, March 9, 2005.

Lecture on Tysabri®, Baton Rouge, LA, February 17, 2005.

Coordinator, Houston host, Satellite conference on Tysabri®, University of the Sciences in Philadelphia, "A new era in MS treatment", January 27, 2005.

Lecture: "New Treatments and Quality of Life", *La Familia Unida*, Pasadena, Cal, January 15, 2005.

Lecture on Tysabri® approval by FDA (Speaker) .BIOGEN. Houston, Texas, December 4, 2004.

Patient Program with Teri Garr, Ambassador. Presentation. NMSS Houston, Texas November 6, 2004.

National Investigator Meeting (Tysabri/Natalizumab). Charleston, SC, November 12 2004.

Annual Lone Star Chapter NMSS Meeting. Annual Research Meeting (Coordinator and Facilitator) Austin, Texas, November 19-20, 2004.

Patient Program in Spanish (Speaker), NMSS, Miami, Florida, October 1-2, 2004.

Patient Program in Spanish (Speaker), NMSS, Houston, Texas. October 30, 2004.

Presentation of "MS Eye Care" University of Houston, Introductory Speech, September 14, 2004.

MS Preceptorship Course to Regional Manager's Director, Maxine Mesinger Ms Clinic July 23, 2004.

Ms Consulting Forum, Moderator, May 14-15, 2004, San Antonio, TX.

"What does your MRI Show?". Program for Katy MS Support Group. Katy, TX, June 19, 2004.

Committee for MS Regional Residency Education Programs, Mount Sinai Medical Center New York, NY March 19, 2004.

John Whitaker-Dale McFarlin Ms Colloquim, Program Moderator and lecture: Epidemiology, Natural History and Diagnosis, Houston, Texas March 27, 2004.

National Panel to Determine Suboptimal Response to MS Therapy, Miami, Florida, January 9, 2004.

NMSS, National Clinical Advisory Committee Chairs, Teleconference 2/11/04.

NMSS Research Symposium (Speaker). Blinn College, Brenham, Texas 2/21/04.

NMSS Valley Support Group (Speaker). Harlingen, South Texas 2/28/04.

MS Update, Patient Program, Houston, Texas, December 15, 2003.

Induction into the National Hall of Honor, National MS Society, Annual Meeting, Miami, Fla. November 13, 2003.

Facilitator Scientific Meeting, Lone Star Chapter, National MS Society Annual Meeting. Key Note Speech: "LACTRIMS", San Antonio, Texas, November 19-20, 2003.

Program Chair Consortium of MS Preceptorship. Lectures: "MS, where are we now?" Symptomatic treatment. Houston, November 3-5, 2003.

Seminar for the Lone Star Chapter, National MS Society. How do Interferons Work? Hoenberger Center, Houston, Texas July 19, 2003.

Teleconference and Internet (Spanish), NMSS, "Clinical Care of the Patient with MS", June 2003.

Member, Steering Committee, MS Colloquium, Orlando, Fla, June 24, 2003.

Teleconference (Spanish), North Florida, NMSS Chapter, June 26, 2003.

Lecture: "Evolving Approaches To Worsening MS", May 1, 2003, Neurological Group, El Paso, Texas.

Lecture: "MS Update" Patient Support Group. El Paso, TX. May 2, 2003.

Lecture: "Case Discussions on Worsening MS", Houston, TX May 5, 2003.

Lecture: "New Treatments for MS" Southern California Chapter NMSS, Gene Autrey Western Heritage Museum, Los Angeles, CA. May 16, 2003.

Lecture: "Options for Worsening MS", NMSS, Ft. Lauderdale, Fla. June 14, 2003.

Lecture: "Newly Diagnosed. Changes and Choices". April 26, 2003. Houston, Texas

International Committee MS Data Base, Honolulu, Hawaii, 3/30-3/31/03.

National Medical Board Meeting, National Multiple Sclerosis Society, Clinical Advisory Committee Chairs Representative, 4/1/2003.

MS Update, Support Group, NMSS "Aggies vs. MS", Texas A&M University, College Station, TX. 3/22/2003.

Children with MS. National Teleconference, NMSS, 3/25/2003.

Coordinator, Round Table "REBIF ISSUES", Date County Neurological Group. Miami, Florida, February 21, 2003.

National Advisory Committee (Speakers Bureau) Pfizer/Serono, Boca Raton, Fla. February 8-9, 2003.

Clinical Advisory Committee Chairs (CACC) National Council, NMSS, Miami, FL. 2/21/-2/22/03.

MS in Hispanics. Lecture in Spanish, NMSS South Florida Chapter, Miami, FLA. 1/21/03.

Host, Mexican Medical Association to Study MS. Annual Meeting, February 2-4, 2001. General Consulate of Mexico, Houston, TX.

"New Issues in MS Management" Biogen Faculty, New Orleans, January 12-14, 2001.

"Worsening MS Management", Immunex Faculty, Indian Wells, California, January 26-28, 2001.

Lecture to Support Group; local chapter National MS Societies. March 6, 2001.

Grand Rounds Louisiana State University Medical School, Department of Neurology. "Treatment of Worsening MS" Shreveport, LA., March 16, 2001.

Grand Rounds University of Nebraska Medical Center, Omaha, Nebraska, March 28, 2001.

"Management of Worsening MS", Neurological Society, Ft. Lauderdale, Fla., May 2, 2001.

ibid Neurological Group, Miami, Fl., May 3, 2001.

Consulting Faculty Meeting, Serono USA, San Antonio, May 19, 2001. "New Option Treatments for MS".

Lecture: "New Option Treatments for MS". Neurological Association Pasadena California, June 7, 2001.

Grand Rounds: "Treatment of Secondary Progressive MS", Harbor County, UCLA, Terrance, California, June 8, 2001.

"Rebif"®. A new interferon for MS" Breakfast Meeting, Baylor International MS Center, Houston, August 18, 2001.

Lecture for the National Multiple Sclerosis Society (NMSS Arizona Chapter),

**September 11, 2001, CANCELLED ON SITE.**

"MS Update 2001". Lone Star Chapter NMSS. Lecture on "Symptomatic Treatment", Houston, October 26, 2001.

Lecture to Patients and Families (in Spanish) "Rancho Los Amigos", Los Angeles, CA, Bilingual MS Education NMSS, Southern California Chapter, October 27, 2001.

Grand Rounds: "Update on MS" Cedars-Sinai Medical Center, Los Angeles, CA, October 29, 2001.

Lecture: "Decision Making in MS", Baylor Neurology Course, Houston, November 4, 2001.

Lecture: "MS Update", (1) Physicians, (2) Patients and Families, National MS Society, Harlingen, Texas, November 9 and 10, 2001.

Immunex Faculty Meeting, Palm Beach, Fla. Nov.16 and 17, 2001.

"New Treatments in MS." MS Support Group, Memorial Springs Shadow Rehabilitation Center, Houston, Texas, January 15, 2000.

National Faculty Conference (Biogen), Santa Fe, New Mexico, February 4-5, 2000.

"Experiences With Intrathecal Baclofen in MS," (Medtronic), Houston, Texas, February 22, 2000.

"Alzheimer's Disease." American Business Women Association Annual Meeting, Houston, Texas, July 15, 2000.

National Consensus Meeting on the Current Diagnostic and Treatment Patterns for MS (Biogen), Washington, DC, September 24, 2000.

"Advanced MS Treatment Options for the MS Patient: The Neurologist's Perspective." Symposium, May Flower Hotel, Washington, DC, September 22-23, 2000.

"Neuroimaging in MS," "Pharmacological Treatment of MS." IX Course in Spanish, American Academy of Neurology. Miami, Florida, November 19-21, 2000.  
Multiple Sclerosis Update 1999. "Breakthrough Symptomatic Treatments." Lone Star Chapter National MS Society, Houston, Texas.

"Latest Treatments for MS." Case Management Society of America, Houston, Texas, August 12, 1999.

"Neurological Diseases." Health and Social Services Fair for Houston, Harris County. Houston Hispanic Forum, Annual Fair, 1998, 1999.

"Men Issues in MS." Teleconference. National MS Society (NMSS), Houston, Texas, December 15, 1998.

Multiple Sclerosis: "Current and Future Immunotherapies." Course "Current Neurology 1998." Department of Neurology, Baylor College of Medicine, Houston, Texas, November 15, 1998.

Update on MS Treatments for Patients. NMSS, Laredo, Texas, October 3, 1998.

New Treatment Options for Spasticity Management. NMSS, Houston, Texas, September 29, 1998.

Spasticity Management for Pediatrics and Adults. Medtronics. Irving, Texas, September 12, 1998.

"Familia Unida... Living With MS." Teleconference in Spanish (first of its kind in USA) for the South California Chapter, NMSS. Featured Speaker, September 22, 1998.

"Chronic Neurological Disorders." Houston Hispanic Forum, Social Service/Health Fair Lecture, Houston, Texas, April 18, 1998.

"New Discoveries in MS." Rosenberg Library, Galveston, Texas, NMSS, August 22, 1998.

Keynote Speech: "MS Update in Research and Treatment." NMSS Southeast Texas Chapter, Annual Meeting Central Region, Austin, Texas, February 15, 1997.

"Anatomy and Kinesiology of Movement in Patients with Spasticity." Advanced Techniques in Spasticity Management. Columbia Hospital at Medical City, Dallas, TX, May 10, 1997.

"Betainterferons in Multiple Sclerosis." El Paso Neurological Group, El Paso, Texas, January 29, 1997.

Ibid. Forth Worth Neurological Group. Fort Worth, Texas, February 12, 1997.

The Mexico-Houston Community Health Summit, Coordinator "The Health Care System in Mexico." The University of Texas - Houston Health Science Center, Houston, Texas, September 26, 1997.

Multiple Sclerosis. Update 1997 Symposium. National Multiple Sclerosis Society. Director of Symposium and presenter of topic: "New Breakthroughs in Symptomatic Management," Houston, Texas, October 17, 1997.

Multiple Sclerosis: "Current and Future Immunotherapies." Course "Current Neurology 1997," Department of Neurology, Baylor College of Medicine, Houston, Texas, November 16, 1997.

Houston Educational Program. Lone Star Chapter, NMSS. Conference: "Newly Diagnosed Patient With MS," Houston, Texas, November 22, 1997.

Teleconference for the Southeast Chapter - NMSS, "Update on MS Treatments for Patients," Houston, Texas, August 26, 1997.

Houston Meeting: Mexican MS Registry. Ten neurologists from the Mexican Academy of Neurology. The Methodist Hospital, Houston, Texas, November 29, 1997.

Baylor/Methodist Department of Internal Medicine Grand Rounds, "Multiple Sclerosis, the Mystery is Beginning to Unfold," Houston, Texas, December 3, 1997.

Consortium of MS Centers - Nursing CME Conference: "T-Cell Vaccination," Houston, Texas, December 10, 1997.

IV Annual Reunion Alumni Association National University of Mexico, Chairman of Conference, Houston, Texas, September 1997.

Ibid. Nacogdoches Support Group, SE Texas Chapter NMSS, January 18, 1997.

V Annual Reunion Alumni Association National University of Mexico, Co-Chairman of Conference, Newport Beach, California, October 17-18, 1997.

"Novel Immunomodulatory Therapies." Current Neurology 1996. Baylor College of Medicine, Houston, Texas, December 15, 1996.

"Newly Diagnosed MS Patient." Annual Membership Conference, Southeast Texas Chapter, National Multiple Sclerosis Society, Houston, Texas, November 16, 1996.

"MS Research and New Treatments." Bay Area Evening Support Group, SE Texas Chapter NMSS, October 10, 1996.

"Newly Diagnosed MS Patient." Annual Meeting, Southeast Texas Chapter, National Multiple Sclerosis Society. November 16, 1996.

"MS Research." Bay-Area Evening Support Group, Southeast Texas Chapter, National Multiple Sclerosis Society. October 10, 1996.

"Multiple Sclerosis Update." Grand Rounds, Cedars-Sinai Medical Center, Division of Neurology, Los Angeles, California. May 10, 1996.

Family Awareness Day. "MS - What's it all about." Southeast Texas Chapter, National Multiple Sclerosis Society. March 30, 1996.

Multiple Sclerosis Central Regional Conference, Dallas, Texas. March 15-17, 1996.

"Multiple Sclerosis and Women." Woman's Hospital, Houston, Texas. April 12, 1996.

"Multiple Sclerosis." Physical and Occupational Therapy Departments. The Methodist Hospital. January 14, 1996.

"Update on Dementia and Alzheimer's Disease." III Annual Reunion Alumni National

University of Mexico. September 23, 1995, El Paso, Texas.

"Multiple Sclerosis Update." Southeast Texas Chapter of the American Association of Neuroscience Nurses. January 16, 1995, Houston, Texas.

"Immunotherapeutic Strategies in Multiple Sclerosis." Current Neurology 1995. Baylor College of Medicine, Houston, Texas, December 8-10, 1995.

"Ambulatory Treatment Strategies of Neurological Disorders." HEALIX. San Antonio, Texas, November 15, 1995.

"Medical Management of Alzheimer's Disease" Far Eastern University. Dr. Nicanor Reyes School of Medicine Alumni Foundation. 15th Reunion and Scientific Convention. New Orleans Westin Hotel. New Orleans, La. July 22, 1994.

"Overview of Dementia and Epidemiology of Alzheimer's Disease". Third Annual Clinical Approach to Common Problems in the Mature Adult. Presented by Scott & White Memorial Hospital at the San Antonio Marriott Riverwalk Hotel. San Antonio, Texas. October 8, 1993.

"Stroke". Houston Rehabilitation Institute. May 6, 1993. Houston, Texas.

"Diabetic Peripheral Neuropathy". The Methodist Hospital Nursing Continuing Education. May 8, 1993. Houston, Texas.

"Stroke". Conference given at the Houston Imaging Technologists Seminar. Houston Imaging Center. Houston, Texas. March 10, 1993.

"Memory, Intellectual and other Cognitive Dysfunctions in MS". Houston Workshop and Annual Meeting of the Southeast Texas Chapter of the National Multiple Sclerosis Society. Adam's Mark Hotel, Houston, Texas. November 21, 1992.

"Brain Stem Review A & P". Southeast Texas Chapter of the American Association of Neuroscience Nurses. Houston Marriott Medical Center Hotel. Houston, Texas. September 17, 1992.

"Multiple Sclerosis". Medical Innovations Clinical Grand Rounds Program. July 15, 1992.

"Multiple Sclerosis and Communication Disorders". The Methodist Hospital. Audiology and Speech Pathology Grand Rounds. March 17, 1992.

"Update in Stroke Therapy". The Houston Marriott Astrodome Hotel. Conference: "Update in Clinical Nursing 1991", sponsored by the Methodist Hospital. Houston, Texas. September 27, 1991.

"MS Symptom Management". Annual Health Care Seminar. Alaska Chapter of the National Multiple Sclerosis Society. Providence Hospital. Anchorage, Alaska. August 24, 1991.

"Symptom Management in Multiple Sclerosis: Medical and Rehabilitative Strategies". Multiple Sclerosis Symposium. Audio Teleconference. The Methodist Hospital. May 4, 1991.

"Clinical Neurology" National Multiple Sclerosis Society. 1990 Professional Development Conference. San Diego, California. November 11-12, 1990.

"Neurological Complications of AIDS" Update in Clinical Nursing 1990. Education Conference. Marriott Astrodome Hotel. Houston, Texas. September 21-22, 1990.

"Stroke Patient-Work-up and Therapy". Baptist Hospital. Orange, Texas. The Methodist Health Care Network. June 14, 1990.

40th Meeting of the Society for Vascular Surgery, Los Angeles, California: "A Prospective Randomized Study of CSF Drainage to prevent paraplegia after high risk surgery on the thoracoabdominal Aorta" E.S. Crawford, L.A. Svensson, K.R. Hess, S. S. Shenaq, J.S. Coselli, H.J. Safi, P.K. Mohindra and V.M. Rivera. June 4, 1990.

24th Comprehensive Review Course in Physical Medicine and Rehabilitation. "Multiple Sclerosis"; "Parkinsonism", March 15, 1990. Houston, Texas.

Inservice, Physical and Occupational Therapy Services, The Methodist Hospital, Houston, Texas. March 6, 1990.

"Clinical Neurology". National Multiple Sclerosis Society. 1989 Professional Development Conference. San Diego, California, November 13, 1989.

"Stroke Patient - Work Up and Therapy". Matagorda General Hospital. Bay City, Texas. November 6, 1989.

23rd Comprehensive Review Course in Physical Medicine and Rehabilitation. "Multiple Sclerosis"; "Parkinsonism", April 12, 1989, Houston, Texas.

"Multiple Sclerosis - The Total Picture: a multi-disciplinary approach for the health care professional. Discussion and Clinical Course of MS". Astro Village Hotel. January 27, 1989. Houston, Texas.

New Trends in Treatment of MS. Scott and White Clinic. Temple, Texas. NMSS. October 29, 1988.

Research and Treatment of MS. Eastern Kentucky University. Richmond, Kentucky. NMSS. October 8, 1988.

22nd Comprehensive Review Course in Physical Medicine and Rehabilitation: "Multiple Sclerosis"; "Parkinsonism". April, 1988. Houston, Texas.

21st Comprehensive Review Course in Physical Medicine and Rehabilitation: "Multiple Sclerosis". April, 1987. Houston, Texas.



"Narcain Therapy in Spinal Cord Ischemia" (Breitbach, Rivera). 13th Annual Critical Care Seminar. American Association of Critical Care Nurses. October 30 & 31, 1986. Houston.

Medical Center Del Oro Hospital, Nursing Teaching Conference. "Seizure Disorders". October 9, 1986. Houston.

20th Comprehensive Review Course in Physical Medicine and Rehabilitation. "MS", March, 1986, Houston.

Group Discussion on a new anticonvulsive agent; Heakin Research, Inc. April 21, 1986. Houston.

Texas Woman's Hospital. "Pregnancy and Epilepsy". August 9, 1985, Houston.

Medical Center Del Oro Hospital. "New Developments in Epilepsy" June 12, 1985, Houston.

19th Comprehensive Review Course in Physical Medicine -and Rehabilitation, "MS" March 20, 1985, Houston, Texas.

### **PRESENTATIONS IN INTERNATIONAL MEETINGS** **(Includes conferences, lectures, posters, platform presentations)**

Lectures: Integrating Fingolimod into Clinical Practice (3 lectures): Advanced Medicine Interdisciplinary Hospital (HIMA) San Pablo, MS Center, Caguas, and Puerto Rico community neurologists. Hospital Universitario, Universidad de Puerto Rico, The Diagnosis of MS, San Juan, Puerto Rico, September 12 and 13, 2013.

III ISSSTEFacta, Symposium, Lecture: Practical utilization of the McDonald Criteria. Mazatlan, Mexico, September 7, 2013.

XVII Annual Conference National Association of Neurologists Mexican Institute of Social Security, lectures: (1) Magisterial Lecture, "Recent developments in MS", (2) Cases Presentation, Riviera Nayarit, Nuevo Vallarta, Mexico, August 15, 2013.

Symposium Foundation of MEXCTRIMS. Lecture: History of MS in Mexico and Latin America, Guadalajara, Mexico, June 8, 2013.

II Jornadas Grupo VECTRIMS (Venezuelan Committee for Treatment and Research in MS), Conference: "Mirada al Futuro. Revisión de la Evidencia actual en el uso de los nuevos Medicamentos para la EM", Caracas, Venezuela, Junio 1, 2013.

I Neurology Residents Congress, Hospital Roosevelt, University of San Carlos, lectures: (1) Diagnosing MS,( 2) Current Treatment, Guatemala City, Guatemala, April 19, 2013.

VII Latin American Committee for Treatment and Research in MS (LACTRIMS): Key Note Opening Conference: "Latin America". Symposium on Future Treatments: "Targeting Lymphocyte Proliferation-Teriflunomide". Rio de Janeiro, Brazil, November 28 – 30, 2012.

XV Central American Congress of Neurology, Multiple Sclerosis Symposium, lectures: (1) Genetics, immunology and clinical classification, (2) Diagnosis, differential and controversies, (3) Current therapeutic paradigm. Management of progressive forms, (4) Future treatments. Managua, Nicaragua, November 24<sup>th</sup>, 2012.

II Congress of Neurology of Paraguay: (1) Magisterial Opening Conference "The Neurology of the XXI Century", (2) Diagnosis of Multiple Sclerosis. Asuncion, Paraguay, October 6-10, 2012.

Presentation to Probiomed: The challenges of Biosimilar Interferons, Mexico City, September 14<sup>th</sup>, 2012.

First Congress of Neurology, Hospital Nacional Rosales. Lectures: (1) New MS Treatments, (2) General concepts on MS for the Internal Medicine staff of Hospital Rosales, (3) Multiple Sclerosis. San Salvador, Central America, 30-31 August, 2012

Multiple Sclerosis Symposium , Universidad Católica de Chile: (1) Real Life experience with Gilenya, (2) Cases Discussion. Santiago, Chile, July 27, 2012.

XVI National Association of Neurologists of the Mexican Institute of Social Security (ANNIMSS) meeting: (1) Current Therapies for MS, (2) Case Discussion. Puerto Vallarta, Mexico, July 20, 2012.

Launching Gilenya in Guatemala. Lecture: Fingolimod, first oral treatment for MS. Guatemala City, Guatemala, July 24, 2012.

Launching Gilenya in Panama. Lecture: Fingolimod, first oral treatment for MS. Panama City, July 10, 2012.

Houston Preceptorship: MS Management for 25 Brazilian and 3 Central American neurologists. Omniprex Barcelona. Course Director, lectures: (1) Elements to Develop a MS Center, (2) Does the New Diagnostic Criteria Affect Management?, (3) Current Therapeutic Paradigm, (4) "Gilenya Day". The Methodist Hospital, Houston, Texas, June 14 and 15, 2012.

JCV Antibody/Stratify Experts Meeting. Mexico City. Lecture: Real Life Experience. May 18<sup>th</sup>, 2012.

Launching Tysabri in Peru. Symposium on Efficacy Data. Introduction to Fampridine. Lima, Peru, April 17, 2012.

Launching Gilenya in Brazil. Lectures: (1) Real Life cases, (2) Use of Fingolimod in Practice, (3) Round Table, Sao Paulo, Brazil, April 13-14, 2012.

Director of Course "Multiple Sclerosis, an Educational Event" SiSalud. Lectures: (1) The nature of MS-I, (2) The Nature of MS-II, (3) Actual scenario in Mexico. March 31, 2012, Mexico City.

Launching Tysabri in Santo Domingo. Lectures: (1) AFFIRM data of Natalizumab, (2) Real Life Experience, (3) Fampridine: Santo Domingo and Santiago de los Caballeros, Dominican Republic, March 27-28, 2012.

Venezuelan Society of Neurology. Launching Tysabri in Venezuela. Lectures: (1) Mechanism of Action of Treatments related to the immunologic cascade of MS, (2) Oral Therapies, (3) Round Table. (4) Symposium Launching of Tysabri.. BG00012 and Fampridine. Maracaibo, Venezuela, March 16-16, 2012.

Launching Gilenya in Colombia. Lectures: (1) Gilenya in Real Life. (2) Cases Presentation. Santa Marta, Colombia, March 2-3, 2012.

Lectures: MS in Children and Adolescents; Advances in MS Diagnosis; Scheme of Therapies; Emergent Therapies and the Future. XXVI National Congress of Neurology, Guatemalan Association of Neurology, Guatemala City, November 11<sup>th</sup>, 2011.

Lecture: Emerging Therapies in MS. 35<sup>th</sup> Annual Meeting of the Mexican Academy of Neurology, Guadalajara, Mexico, November 3<sup>rd</sup>, 2011.

Launching Gilenya in Mexico. Lecture: Experience with Fingolimod Therapy in Real Life. (2) Cases Discussion. Can Cun, Mexico, October 8<sup>th</sup>, 2011.

1) Lecture, "The yesterday, the today and the tomorrow of the treatment of MS". (2) Moderator of Clinical Cases.-Natalizumab availability at ISSSTE, Mexico. Puerto Vallarta, Mexico, September 2-3, 2011.

Lectures: (1) Efficacy of Fingolimod, (2) Fingolimod: US Clinical Practice. Brazilian Neurologists from the Academia Brasileira do Neurologia, Speakers Training Gilenya, Sao Paulo, Brazil, July 30, 2011.

Lectures: (1) Latinamerican MS Epidemiology, (2) Clinical Isolated Syndrome. Chair of Workgroup on Latin American Guidelines for Management of Clinical Isolated Syndrome. Ecuadorian Society of Neurology and the Latin American Committee for Treatment and Research in MS, Quito, Ecuador, July 8<sup>th</sup>, 2011.

Moderator of Session "Meet the Professor", CCSVI Controversy: pro: Robert Zivadinov, MD, PhD (Buffalo, NY; against: Mark Freedman, MD, FAAN, Ottawa, Canada.. Chair, LACTRIMS Symposium on 'MS rehabilitation Challenges in Latin America'. Consortium of MS Centers 25<sup>th</sup>, Annual Meeting, Palais des Congrès de Montréal, Montreal, Canada, June 1-4, 2011.

IX Stand Alone, Stendhal; Participation in debate in Tysabri indications (Pro-active Position) and one lecture on "Biosimilars in Latin America", Cartagena, Colombia, May, 20-21, 2011.

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Workshop with neurologists from Guatemala, El Salvador, Honduras and Dominican republic, Guatemala City, Guatemala, April 2, 2011.

Estratification of MS Therapy. Lectures: Neurology groups in Bogota, Cali and Cartagena, Colombia, October 28-30, 2010

Estratificación of MS Therapy. Symposium, Mexican Academy of Neurology, Leon, Mexico, October 13<sup>th</sup>, 2010,

Estratification of MS Therapy. Lecture: Peruvian Committee for Treatment and Research in MS, Lima Peru, September 22, 2010.

Latin American Committee for Treatment and Research in MS (LACTRIMS): (1) Lecture: "First Event"; (2) "Biosimilars and Interferons"; (3) **Magisterial "Victor Rivera" Lecture: "Biosimilars: Realities and Challenges"**, Santiago, Chile, August 11- 14, 2010.

Stand Alone Series, Central America, "Eficacia de Tysabri", San Jose, Costa Rica, July 3, 2010

IX Stand Alone 'Latinoamericano'. Eficacia de Tysabri. Presentación de casos. Caracas, Venezuela, Junio 12, 2010.

Asociación Colombiana de Neurología, Symposium on MS. Bucaramanga, Colombia, May 16, 2010

VIII Stand Alone 'Latinoamericano'. Eficacia de Tysabri: revisión de la evidencia clínica. Cancún, Mexico, March 26, 2010.

Serono International Symposium Foundation. (1) Opening lecture: "Past, Present and Future of MS Therapies in Latin America", (2) "Current MS Therapies", (3) "Real Life Benefit of Therapies". Panel Discussion. Mexico City, Mexico, November 26<sup>th</sup> – 28<sup>th</sup>, 2009.

50<sup>th</sup> Anniversary Symposium, Alumni National Faculty of Medicine, National Autonomous University of Mexico. Class 1959-1964. "The Social Movements of the 59-64 Generation". Panel Member. Ciudad Universitaria, UNAM, Mexico City, October 29, 2009.

Intensive Course in Multiple Sclerosis: Lectures (1) Diagnosis of MS, (2) Differential Diagnosis, (3) Controversies and Consensus in MS. Venezuelan Society of Neurology (SVN). (4) Key Note Speech at launching of book: "Pautas para el Diagnóstico y Tratamiento de la Esclerosis Múltiple" IV Edición. VECTRIMS. Caracas, Venezuela, October 1-3, 2009.

Lecture: "The Current Management of MS", Central American Symposium, San Jose, Costa Rica, September 25<sup>th</sup>, 2009.

Lecture: "The New Era: Oral Treatments for MS". National Association of Neurologists of the Mexican Institute of Social Security, Veracruz, Mexico, August 21, 2009.

(1) Address honoring Manuel de la Maza, M.D., (2) Lecture: "Wining time in Multiple Sclerosis", Stendhal Symposium, Monterrey, Mexico, August 31, 2009.

Stendhal Preceptorship: 12 Mexican neurologists certified on Tysabri® utilization. Maxine Mesinger MS Comprehensive Care Center. Houston, Texas, August 24 and 25, 2009.

Lecture: "Status of the Management of MS". XXXIV International Course of Internal Medicine. College of Medicine of Mexico, Mexico City, July 4, 2009.

Lecture: "Status of the MS Epidemiology in the World". VI Latin American Closed Symposium of Multiple Sclerosis. Puerto Vallarta, Mexico, March 13<sup>th</sup>, 2009.

Lecture: "Current Status of Multiple Sclerosis", Neurological Association and PMR Association of Costa Rica, San José, CR, November 13<sup>th</sup>, 2008.

Lectures (1) State of the Art in MS, (2) The Biogenerics Dilemma. Central American Congress of Neurology, Antigua Guatemala, November 6<sup>th</sup>, 2008.

Moderator, "The 10 years later". Celebration of the foundation of The Mexican Medical Association to Study MS", Mexican Academy of Neurology, Puerto Vallarta, Mexico, October 29<sup>th</sup>, 2008.

"State of the Art" in the Management of MS. Lecture. 2<sup>nd</sup> Symposium Bayer Schering Pharma. Specialty Medicine. Acapulco, Mexico, October 4, 2008.

3<sup>rd</sup>. Reunion of Multiple Sclerosis. EMMEX (*Esclerosis Múltiple México, A.C.*). Keynote Speech: "Management of Progressive Disease". Guadalajara, Mexico, October 3, 2008.

I World Congress on Treatment and Research in Multiple Sclerosis (ACTRIMS+ECTRIMS+LACRIMS). (1) Oral Presentation: Hot Topic 1. Costs and Availability of MS Treatments. 'The Impact of Generics and Biosimilars in Interferons' (2) Rivera V et al. RENEW Study Update XVIII: Ongoing Evaluation of the Safety and Tolerability of Mitoxantrone in Worsening Multiple Sclerosis (poster). (3) Chaliman RT, Perez FI, Suarez GA, Rivera VM, Hutton GJ. Longitudinal individualized analysis of computer-based cognitive rehabilitation in multiple sclerosis (poster). (4) Avila M, Suarez GA, Brandt D, Ramirez J, Hutton GJ, Rivera VM. Menstrual cycle and menopause in patients with multiple sclerosis. How do these affect the symptoms of disease? (poster). (5) Suarez GA, Avila M, Brandt D, Rivera VM, Hutton GJ. Magnetic resonance imaging findings in patients with clinically isolated syndrome suggestive of multiple sclerosis (poster), (6) Master of ceremonies and Moderator, launching of Book: "Multiple Sclerosis: An Iberoamerican View". Montreal, Canada, September 17-20, 2008.

Lecture: State of MS in the World. National Association of Neurologists of the Social Security Institute of Mexico (ANNIMSS), Ixtapa, Mexico, August 23, 2008.

3<sup>rd</sup> Pan-American Symposium on Neurovirology, AIDS, Cancer and Neurodegeneration & Magisterial Biomedical Lectures for the 21<sup>st</sup> Century. (1) Chair: Multiple Sclerosis & Therapies. (2) Lecture: Multiple Sclerosis in the Americas: Viral-Immune Reaction and the Clinical Effect. Guadalajara, Mexico, April 24-26, 2008.

Lecture: "Biotechnology and Biogenics in MS". International Reunion on Therapeutic Alternatives. Pisa Pharmaceutica Mexicana. Guadalajara, Mexico, November 30, 2007.

Pan American Congress of Neurology. (1) Lecture: "MS: when and how to treat". Course in Spanish of the American Academy of Neurology. (2) Chair of LACTRIMS Symposium. (3) "MS has no Frontiers", Support Group '*Renacer*'. Santo Domingo, Dominican Republic, October 7 – 10, 2007.

Uruguayan Neurological Society, Lecture: (1) "MS: Update on treatments and biogenics". (2) Round table with patients support group. Montevideo, Uruguay, September 17, 2007.

Mexican Association to Study MS (AMMEEM), (1) Magisterial Conference: "MS in Mexico and the World". (2) Lecture: "Generic interferons". (3) Mexican Federation of Support Groups: "MS in Mexico". Mexico City, September 5 – 8, 2007.

National Colombian Society of Neurology, "16 years of treatment with Betaseron and the meaning of Neutralizing Antibodies", Cali, Colombia, July 17, 2007.

Latin American Symposium, Chairman and lecture: "Biogenics: similarities and evidence", Los Cabos, Baja California, Mexico, July 5-7, 2007.

Lecture: "Mario Moreno 'Cantinflas' and I" (cultural lecture). Venezuelan Neurological Society, Barquisimeto, Venezuela, March 15<sup>th</sup>, 2007.

Lecture on MS Mew Therapies. Asociación Regiomontana de Esclerosis Múltiple, Monterrey, México, November 25, 2006.

Poster: Suarez G et al (co-author)-**see 'Other Works....'**- 'Rehabilitación cognitiva asistida por computadora en pacientes con Esclerosis Múltiple'. Mexican Academy of Neurology, Merida, Mexico, November 1, 2006.

(1) Organizational Meetings for ACTRIMS/ECTRIMS/LACTRIMS 2008 Meeting. (2) EDSS Validation International Committee. (3) Poster: Fox E, et al (co-author) –**see papers-** 'Ongoing evaluation of the safety and tolerability of Novantrone® (mitoxantrone) worsening multiple sclerosis: the RENEW study'. European Committee for Treatment and Research in MS, Madrid, Spain, September 26-30, 2006.

Lecture: "Model of Residency Programs in the USA". Institute of Medical Sciences and Nutrition, Mexico City. Site Visit representing the World Federation of Neurology, Mexico City, August 17 and 18, 2006.

IV Congress of the Latin American Committee for Treatment and Research in MS.

Principal Advisor. Magisterial Conferences: I. *In the Horizon*. II. *Latin American Epidemiology*. III. Member of Panel (Judges) for the best scientific papers. IV. Chair of Session on Neuromyelitis Optica. Isla de Margarita, Venezuela, June 27 – July 1, 2006.

Hospital Mexico Americano, 48<sup>th</sup> Anniversary and Launching of the Stroke Unit. Lectures: (1) History of the TMC and TMH, (2) Stroke protocols at TMH. The Methodist Hospital Delegation. Guadalajara, Mexico. February 18<sup>th</sup>, 2006.

Lectures: (1) “MS Therapy Update”, (2) Cultural Conference: “History of Mexico”. XX MS Unit Anniversary Hospital Universitario de Caracas, XX Caracas, Venezuela. November 26, 2005.

MS Symposium of MS, (1) Lecture: “A MS Center with an International Scope”, (2) Meeting Coordination. Playa Blanca, Panama, October 27-29, 2005.

Congreso Peruano de Neurología, (1) Conference: “Therapeutic Immunomodulation in MS”, (2) Lecture: “The New Latin American Epidemiology”, Lima, Peru, October 15, 2005.

Lecture: “Combination Therapy in MS”. Hospital “20 de Noviembre”, ISSSTE, Mexico City, August 20, 2005.

Central American Congress of Neurology. (1) “Management of Primer Event” (lecture), (2) “Current Therapies” (lecture), (3) Best Scientific Paper Judge. (Congreso Centro Americano de Neurología), San Salvador, El Salvador, September 2, 2005.

LACTRIMS (Latin American Committee for Treatment and Research in MS) Delegates Meeting: “Biosimilars in MS”, Caracas, Venezuela, August 13<sup>th</sup>, 2005.

“Combination Therapy in MS”, MS Course of the Mexican Academy of Neurology, Mexico City, August 22, 2005.

VIII National Association of Social Security Neurologists, “Long Term Treatment of MS”, Saltillo, Mexico, July 22, 2005.

MS Symposium, “New Treatments in MS”, Toluca, Mexico, June 17<sup>th</sup>, 2005.

International Symposium of MS: “Latin American Epidemiology”, Guadalajara, Mexico, June 10<sup>th</sup>, 2005.

Lecture: “Decision Treatments in MS”, XXI International Congress of Medicine”. Technological Institute of Superior Studies of Monterrey, Students Society, Monterrey, Mexico, April 1st, 2005.

Central American Committee for Treatment and Research in MS (CACTRIMS) Lectures (1) “McDonald Criteria” 2) “MRI Differential Diagnosis” Panama City, Panama, December 19, 2004.

Mexican Academy of Neurology. Lecture:” MRI/MRS in MS” TEVA Symposium, Leon

Guanajuato, Mexico, October 28, 2004.

Patient Program –Puerto Rico MS Society, San Juan, Puerto Rico, September 25, 2004.

Uruguayan Society of Neurology, Lecture: “Controversies in Current MS Therapies” Colonia de Sacramento, Uruguay, September 10, 2004.

Public Health Hospital of Rio de Janeiro “Optimizing MS therapy”, Rio de Janeiro, August 23, 2004.

Latin American Committee for the Treatment and Research in MS (LACTRIMS) Presidential Address; Latin America Teleconference ( Charles Poser, MD, Jack Burke MD, Xavier Montalban MD, Victor M. Rivera MD), Iguazu Falls, August 26-27,2004.

Pan American Congress of Neurovirology. Chair of Session and Lecture: “Viruses and MS”, Monterrey, Mexico, May 7-8, 2004.

Latin American Consensus: Glatiramer Acetate in MS- Symposium co-director. Lecture: “Effect on MRI”, Punta del Este, Uruguay, 5/28-29, 2004.

Consortium of MS Centers. LACTRIMS lecture: “Is MS Research in Latin American Significant?” –symposium chair. Ethnocultural consideration workshop co-director. Toronto, Canada, June 2-5, 2004.

Consortium of MS Centers Preceptorship: Lectures: 1) Mitoxantrone therapy in MS. When to use it” 2) “Current Status of Research in Latin America”, Buenos Aires, Argentina, June 10-12, 2004.

Paraguayan Association Against MS, lectures, Asuncion, Paraguay, March 4-5, 2004

Mexican Medical Association to study MS (AMMEEM) lecture: “New data on Interferons”, Puebla, Mexico, July 23, 2004.

Facilitator, Swearing In Ceremonies, Honduran Association Against MS, Foundation Ceremony. **MENTOR** of the second graduating class of neurology residents, National Autonomous University of Honduras, Lecture: Evidence Based Medicine. Tegucigalpa, Honduras, November 26, 2003.

Lecture: “Prevention of MS Disability” Mexican Academy of Neurology, Guadalajara, Mexico, October 29, 2003.

Meeting Chair, Pan-American Congress of Neurology, Latin American Committee for the Treatment and Research in MS, October 8, 2003. Lecture: “Epidemiology” Santiago, Chile, October 10, 2003.

Anniversary “San Jose Hospital” and the Medical School of the Technological Institute of Monterrey, Mexico. Lecture: “MS Update”, September 26, 2003. Round Table: “MS care” Patient Support Group, Monterrey, Mexico, September 27.2003.



International MS Data Base, Board Meeting, European Committee for the Treatment and Research in MS (ECTRIMS). Milan, Italy, September 17, 2003.

Brazilian Committee for Treatment and Research in MS (BCTRIMS). Lecture: "Research in Latin America. Sao Paulo, Brazil, August 28, 2003.

Symposium: Current MS Topics, Latin America. 2 Lectures: "Epidemiology in the Region"; "New Diagnostic Criteria", Iguazu, Brazil. August 2, 2003.

Central American MS Congress. 2 Lectures: "MS Clinical Characterization"; "Symptomatic Management", July 24, 25, 2003. San Pedro Sula, Honduras.

Executive Meeting Mexican Medical Association to Study MS, Mexico City, June 21, 2003.

Lecture: "Current Status of Immunomodulation in MS" Course for Non-Neurologists. Monterrey, Mexico, June 6, 2003.

Consortium of MS Centers: Welcome Speech. Introduction of Special Video. Chair of LATIN TRACK. San Diego, CA. May 28-June 1, 2003.

Lecture: "MS Treatment". LaSalle University Medical School, Mexico City, May 7, 2003.

Executive Meeting of the Latin American Committee for Treatment and Research in MS, April 18-19, 2003. Sao Paulo, Brazil.

Antibody Neutralizing Antibodies due to BIFN MS therapy, Barcelona, Spain, 2/21/03 (Special Invitation).

"ABOVE" study (Avonex vs. Betaseron) Protocol Design, Toronto, Canada, 3/15/03.

Presentation at PROBIOMED Plant, Mexico City, Mexico. 12/20/02.

First International Congress of Medical Specialties, "Therapeutic Activities in MS" Siglo XXI Hospital, Mexico City, MX 12/20/02.

American Academy of Neurology, Course in Spanish "Decisiones de Tratamiento en la EM", San Juan, Puerto Rico. 11/25/02.

X Centro American Congress, III Nicaragua Congress of Neurology, two, Nicaragua, November lectures. Meetings sponsored by the World Federation of Neurology. Managua, Nicaragua, November 2-4, 2002.

National Congress of the Mexican Society of Physical Medicine and Rehabilitation "Decisión de Tratamiento en EM", Mazatlán, México 11/08/02.

Mexican Academy of Neurology, XXVI Annual Congress, "Therapeutic Guidelines in MS", Puebla MX. 11/01/02.

Congress on Tropical Medicine” 1) “Pathogenesis of MS”, 2) “Decision Making in MS”  
Maracay, Venezuela, 10/26/02.

II Congress of LACTRIMS, Presidential Address, Congress President, 10/9-10/12/2002.  
Monterrey, Mexico.

Brazilian Congress of Neurology 1) “Diagnostic Criteria of MS”) 2) “Decision Making”  
Florianopolis, Brazil, 9/30-10/1/02.

ACTRIMS/ECTRIMS (American/European Committee for the Treatment and Research  
in MS), Opening Address, Baltimore, MD 9/19-9/21/02.

International MS Advisory Board, MS Data Base, ACTRIMS/ECTRIMS Meeting,  
Baltimore, MD. 9/19/02.

International Congress of Brain Plasticity, “Decision Making in MS”, Toluca, MX, 8/21/02

Neurological Society of Michoacan, Patient Support Group: 1) “Current Status of  
Treatments”, 2) “MRI Aspects” 3) “EVIDENCE Trial”, Morelia, MX 8/16/-8/17/02.

Central American Committee for the Treatment and Research in MS (CACTRIMS):  
1)“Decision Making in MS”) 2) “Diagnostic Criteria”, Montelimar, Nicaragua, 7/27/02.

National Congress of Neurological Residents: “MS Update”, Mexico City, MX. 7/26/02.

Schering/Berlex Advisory Meeting, “BEYOND TRIAL”, European Neurological Society,  
Berlin, Germany, 6/22/02.

Consortium of MS Centers, International Congress: 1) Opening Address, 2) Chairman,  
Symposium, MS Spanish Track, Chicago, IL. June 6-9, 2002.

Neurological Society of the Occident: 1) “MS Update”, 2)“Decision Making”.  
Guadalajara, Mexico, 5/24-25/2002.

Project: Texas Consortium of MS Centers: “Baylor’s Research Update”, Ixtapa, MX.  
5/11/2002.

International MS Data Base. Geneva, Switzerland, 3/14/2002.

National Institute of Neurology of Cuba, Symposium: “Cytokine Regulation in MS”,  
Havana, Cuba, 2/2/2002.

Host, Mexican Medical Association to Study MS. Annual Meeting, 2/2-2/4/01.  
Houston, Texas

Mexican Academy of Neurology, Coordinator of the Congress. (XXV Anniversary) and  
lecture: “Failure of Treatment or Progression of Disease?” Queretaro, Mexico, Nov.1-3-  
2001.

Inaugurated as President of the Latin American Committee for Treatment and Research In MS (LACTRIMS), Buenos Aires, Argentina, October 6, 2001.

Brazilian Committee for Treatment and Research in MS (BCTRIMS), II Annual Meeting. Lecture on the "History of MS in Mexico", Iguazu Falls, Brazil, October 4-5, 2001.

Hospital Italiano de Buenos Aires, "Integral Management of the Patient with MS", Buenos Aires, Argentina, August 24, 2001.

Symposium of the Central American MS Council. "MS in Latin America", San Jose, Costa Rica, July 27, 2001.

Symposium to Physicians and Patients. "MS Treatment", Neurological Association of The Bajio, Leon, Guanajuato, Mexico, July 6, 2001.

Project: Texas Consortium of MS Centers, Cabo San Lucas, Mexico, June 28, 2001.

Chairman, Spanish Track, Consortium of MS Centers International Meeting, Ft. Worth, Texas, June 2, 2001.

Symposium on MS-Mexican Medical Association to Study MS. 1) Conference: Immunomodulation", 2) "Immosuppression", March 31, 2001.

Virtual Neurology Congress, Mexican Academy of Neurology-On Line Conference (internet). "Treatment of MS Based on Evidence", Guadalajara, Mexico, March 23, 2001.

Virtual Neurology Congress, Mexican Academy of Neurology-On Line Conference (internet). "Public Health in Mexico –MS", March 15, 2001.

Special Invitation to Symposium "New Answers for MS Treatment Efficacy", Paris, France, March 9-10, 2001.

I Congress Latin American Committee for Treatment and Research in MS (LACTRIMS). Two lectures. Buenos Aires, Argentina, November 9-11, 2000.

Valencian Neurological Society. Lecture on "Evidence Based Treatments for MS," Valencia, Spain, October 27, 2000.

National Brazilian Congress of Neurology (Brazilian Academy of Neurology). Lecture on T-cell vaccination in MS. Salvador, Bahia, Brazil, September 6-11, 2000.

Abbott International Symposium. "MS in Latin America," Mexico City, September 29, 2000.

I National Congress of Neurological Residents (Mexico). National Institute of Neurology and Neurosurgery. Magisterial Conference: "Role of Viruses in Neurological and Psychiatric Diseases." Mexico City, September 28, 2000.

Monterrey Association of MS. Lecture on new therapies. Monterrey NL, Mexico, September 9, 2000.

Neurological Association of Guatemala. II symposium on MS. Two lectures. Guatemala City, Guatemala, July 27-28, 2000.

IV National Association of Neurologists, Mexican Institute of Social Security, Annual Conference. **Keynote speech on the "Development of MS Research in Mexico," Congress named "Dr. Victor Rivera" in honor to his birthday, Puerto Vallarta, Mexico, July 21, 2000.**

Symposium on New Trends in MS (TEVA NEUROSCIENCE). Lecture on Symptomatic Treatment. Ixtapa, Mexico, May 20, 2000.

XIV Annual Meeting Consortium of MS lecture. Specially invited guest. Halifax, Nova Scotia, Canada, June 23-25, 2000.

IV International Symposium of Medicine of Primary Care. Clinica Nova and Baylor College of Medicine, Monterrey, Mexico. May 2000.

Symposium on "Recent Advances in MS," Mexican Medical Association to Study MS. Program Chairman. Mexico City, Mexico, April 7, 2000.

Symposium "MS Update," Mexican Medical Association to Study MS. Program Chairman. Merida, Yucatan, Mexico, March 24, 2000.

Anniversary of Mexico-Americano Hospital, two conferences, Guadalajara, Mexico, February 17, 2000.

Co-Director, Cuban-Mexican MS Associations Encounter, Havana and Cienfuegos, Cuba, March 1, 2000.

Chairman, II Latin American Symposium on MS - American Academy of Neurology, San Diego, California, April 2000.

International Symposium on Biotechnology. Presentation: "Experience With Biological and Synthetic Immunomodulators in the Treatment of MS." Havana, Cuba, December 2, 1999.

Lecture: "My Concept of Dementia." Hospital Miguel Angel Aldereguia, Cienfuegos, Cuba, December 4, 1999.

Annual meeting Mexican Academy of Neurology, Symposium "Multiple Sclerosis in Mexico," Director, Los Cabos, Baja California, Mexico, October 30, 1999.

Poster presentation: "Validation of a questionnaire to study Mexican population with MS." XV meeting "ACTRIMS" (European committee for treatment and research in MS), "ACTRIMS IV" (Americano), Basel, Switzerland, September 17, 1999.

Asociacion Mexicana de Medicina Interna. Annual meeting: "Breakthrough New Treatments for Multiple Sclerosis." Mexico City, July 3, 1999.

Mexican Medical Association to study MS: "Treatment With Interferons." Seminars for physicians and patients. Mexico City, July 23, 24, 1999.

Guatemala Neurological Association: "Treatment of MS With Interferons." Symposium for physicians and seminars for patients. Guatemala City, August 25, 1999.

Alumni Association of the National Institute of Neurology and Neurosurgery: Lecture: "Treatment of MS With Neuroimmunomodulation." Zacatecas, Mexico, August 28, 1999.

"Treatment of MS With Interferons." Mexican Medical Association to study MS. Symposium for physicians and patients. Mexico City, Mexico, July 23, 1999.

"Current MS Treatments." Mexican Medical Association to study MS. Symposium for patients. Monterrey, Mexico, June 12, 1999.

"MS Update." Venezuelan Neurological Society. Caracas, Venezuela, May 8, 1999.

"The New Aspects About MS." Mexican Association of Internal Medicine. Mexico City, Mexico, July 3, 1999.

"Update in the Management of Alzheimer's Disease. Update in the Management of MS." 1999. International Year of the Senior Citizen, Mexican Institute of Social Security (IMSS). San Luis Potosi, Mexico, April 9-10, 1999.

"Early Detection of Cerebrovascular Disease." 3rd International Symposium of Primary Care Medicine. Clinica Nova, Monterrey, Mexico, March 19, 1999.

"Treatment With Intrathecal Baclofen in the Management of Severe Spasticity." International Symposium Hospital La Paz, Madrid, Spain, March 25, 1999.

I International Symposium USA-Spain-Latin-American in MS. "Experience With Betainterferon 1-a." New Epidemiological Aspects of MS in Latin America." Baylor/Methodist International MS Center. Program Chairman, Houston, Texas, February 25-26, 1999.

International Conference of Restorative Neurology. "Strategies and New Treatments for MS." Havana, Cuba, February 23, 1999.

Site visit (representing the International Federation of MS Societies) to "CIREN" (International Center for Restorative Neurology) and lecture, "MS in Latin American." Havana, Cuba. , November 5-7, 1998.

"Betainterferons in MS." Keynote Speaker. Mexican Academy of Neurology, Annual Congress Cancun, Mexico, November 14, 1998.

II Postgraduate Course in MS for Italian neurologists, BCM CME Office, Course Director, Houston, Texas, September 28-October 2, 1998.

III International Congress of AMEE-UNAM (Alumni Association National University of Mexico), San Juan, Puerto Rico, Congress Director, May 26-29, 1998.

I Postgraduate Course in MS for Italian neurologists, BCM CME Office, Course Director, Houston, Texas, June 29-30, 1998.

The Treatment of MS." "New Antiepileptic Drugs." Chihuahua Neurological Society, Chihuahua, Mexico, March 28, 1998.

Symposia for patients and families on MS update: 1) II S. Monterrey, Mexico, July 4; 2) Guadalajara, Mexico, July 24; 3) IV Annual Symposium, Mexico City, July 25, 1998. All under the auspices of the International Federation of MS Societies, General Coordinator.

"Current Controversies in Cerebrovascular Disease." Internal Medicine Association (Mexico), Monterrey Chapter, Hospital San Jose, July 3, 1998.

"Treatment of MS With Betainterferon." National Association of Neurologists Mexican Institute of Social Security (IMSS), Puerto Vallarta, Mexico, July 31, 1998.

Emerging views in multiple sclerosis." Multiple Sclerosis in Latin America and New Disease Definitions." Satellite Symposium, XVI World Congress of Neurology, Buenos Aires, Argentina, September 17, 1997.

Symposium on Multiple Sclerosis. Coordinator, Mexican Academy of Neurology Annual Meeting, Mazatlan, Mexico, November 3, 1997.

"Experience with the Use of Beta Interferon in the Treatment of MS." "Perspectives and Future of MS Research and Treatment." II National Symposium on Multiple Sclerosis, Caracas, Venezuela, SA, May 17, 1997.

"Alternatives of MS Treatment." "Beta Interferons in MS." II Symposium in Multiple Sclerosis. Hospital Siglo. XXI Mexican Institute of Social Security, Mexico City, May 29-30, 1997.

MS Update. III Annual Symposium for Information for MS Patients. International Federation of MS Societies. Mexico City, Mexico, May 31, 1997 (Director of Symposium for Third Consecutive Year).

II International Congress of AMEE-UNAM (Alumni Association of the Medical School, National University of Mexico), April 17-19, 1997. Mexico City (President of Congress).

"Intellectual Deterioration Syndrome." I International Symposium. Update in Primary Care. Clinica Nova, Monterrey, Mexico, March 7, 1997.

International Leadership Conference, International Federation of Multiple Sclerosis Societies, International Development Committee, Atlanta, GA., November 5, 1996.

"New Therapeutic Alternatives in the Treatment of MS." XX Annual Reunion Mexican Academy of Neurology, Puerto Vallarta, Mexico, October 31, 1996.

Symposium for MS Patients and Families (a) MS Update for Health Professionals (b) International Federation of MS Societies, Chihuahua, Mexico, August 16-17, 1996.

International Leadership Conference, International Federation of Multiple Sclerosis Society, International Development Committee. Atlanta, Georgia, November 5, 1996.

"New Therapeutic Alternatives in the Treatment of MS." XX Annual Reunion Mexican Academy of Neurology. Puerto Vallarta, Mexico, October 31, 1996.

"Ambulatory Treatment of MS With Beta-Interferon 1a." XVII Brazilian Congress of Neurology. Curitiba, Parana, Brazil, September 15, 1996.

Symposium for MS patients and families (a), MS Update for Health Professionals (b), Chihuahua, Mexico, August 16, 17, 1996. International Federation of MS Societies.

"Recent Developments in Multiple Sclerosis." Pontifical Catholic University of Ecuador. Quito, Ecuador, SA, May 31, 1996.

Symposium to MS Patients and Families. Ecuadorian Foundation for MS. Quito, Ecuador, SA, May 31, 1996.

Symposium to MS Patients and Families. San Jose, Costa Rica, CA. Costarican Association Against MS. Rehabilitation National Center - CENARE. San Jose, Costa Rica, CA, May 18, 1996.

Costa Rica Neurosciences Society. San Jose, Costa Rica, CA. "Recent Developments in MS," May 1, 1996.

Role of Viruses in Diseases of the CNS. I International Congress Alumni National University of Mexico, Mexico City, Mexico, April 26-27, 1996.

MS Update. II Annual Symposium for Information for MS Patients. International Federation of MS Societies, Mexico City, Mexico, May 4, 1996.

First Author of "Interamerican Study of Beta-Interferons in Multiple Sclerosis." IX Pan-American Congress of Neurology. Guatemala City, Guatemala, October 1995.

Course Autoimmunity and Immunosuppression. IX Pan-American Congress of Neurology. Guatemala City, Guatemala, October 8, 1995.

"Ambulatory Treatment of MS with Betainterferon 1a." XVII Brazilian Congress of Neurology, Curitiba, Parana, September 15, 1995, Brazil.

"Update in Treatment of MS with Beta-interferon." Academia Brasileira de Neurologia, Sao Paulo, September 14 and Rio de Janeiro, September 18, 1995, Brazil.

"Update in Treatments for MS." Argentinian Association Against Multiple Sclerosis, Buenos Aires, September 12, 1995.

II Simposium Nacional Sobre Avances en Diagnostico y Terapeutica Neurologica. ANNIMSS. Magisterial Conference "Dr. Jorge Ocaranza Ochoa": Actualidades en el Manejo de la Esclerosis Multiple. Guadalajara, Mexico, August 12, 1995.

Symposium for Information on MS for Patients. International Federation of Multiple Sclerosis Societies. Mexico, D.F., April 8, 1995.

XXIII Jornada Medica Nacional. VII Simposium Internacional - Escuela de Medicos Postgraduados del IMSS, A.C. Magisterial Conference: "Beta-Interferon in the Treatment of MS". Unidad de Congresos "Dr. Ignacio Morones Prieto" del Centro Medico Nacional Siglo XXI. Mexico City, Mexico. February 17, 1995.

Ier Curso de Neurologia Neonatal. Hospital Infantil Privado. Conference: 1) "Perinatal Hipoxic-Ischemic Cerebral Lesion". 2) "None Bacterial Infections: TORCH". November 9-12, 1994. Mexico City, Mexico.

XVII Reunion Anual de la Academia Mexicana de Neurologia. Conference: 1) "4-Aminopyridine in the Symptomatic Treatment of MS" - (Session Coordinator). 2) "The Mallory Kids". 3) Symposium: "From the Molecule to the Clinic: Beta-Interferon in MS". Conference: "History of the Therapeutic Schemes in MS". Hyatt Regency Hotel. Villahermosa, Tabasco, Mexico. October 26-29, 1994.

Sociedad de Cirugia Neurologica del Occidente, A.C.-Symposium: 1) "Clinical Aspects of Subarachnoid Hemorrhage." 2) Breakfast Session: "Medical Management of Extracranial Vascular Pathology". 3) "Medical Treatment of the Subarachnoid Hemorrhage". Hotel Regina Vallarta, Puerto Vallarta, Jalisco, Mexico. August 24-27, 1994 (by invitation).

Asociacion Medica Fronteriza Tamaulipeca A. C. Conference: 1) "Embarazo en Pacientes con Padecimientos Neurologicos" 2) "Avances en Neurodiagnostico". Hacienda Hotel, Reynosa, Mexico. July 1, 1994.

III South American Conference on Cerebrovascular Diseases. 1) "Cerebrovascular Disease and Hemorheologic Treatment". 2) Round Table: "Small Vessel Disease" Convention Center Leprett. Buenos Aires, Argentina. June 15-18, 1994

III Simposium de Neurodesarrollo. Instituto Nacional de Salud Mental. 1) "Neurologic Rehabilitation". 2) Round Table: "Epilepsy Difficult to Control". Mexico City, Mexico. June 24, 1994.

Centro Medico del Potosi. Symposium: 1) "Dementia and Neuroimaging". 2) "Angio-MRA in Neurology". San Luis Potosi, S.L.P. Mexico. June 4, 1994



Sociedad Potosina de Neurologia y Neurocirugia. Simposium: "Medical Treatment of Subarachnoid Hemorrhage and its Complications" Auditorio Hospital Central "Dr. Ignacio Morones Prieto". San Luis Potosi, S.L.P. December 4, 1993

Mexican Academy of Neurology. Symposium: 1) "Cerebral Imaging by Spect"- Experience in 100 patients. 2)"Therapeutic Options in Multiple Sclerosis.Review and Update". 3) "Multiple Sclerosis Associated to Vasculitis" Hotel Mision de Los Angeles. Oaxaca, Oaxaca, Mexico. October 25-30, 1993.

"Advances in Cerebrovascular Disease." Hospital Guadalupano de Celaya. Celaya, Gto., Mexico. October 2, 1993.

XV World Congress of Neurology. MS Treatment with Tizanadine. September 9, 1993. Vancouver, Canada.

IDASI (National Congress of Indonesian Neurologists Association. 1) "Stroke Diagnosis and Update". 2) The Investigation and Diagnosis of Multiple Sclerosis". 3) "Differential Diagnosis of Acute Cardiovascular Disease" (Breakfast Symposium). July 11-15, 1993. Bandung, Java, Indonesia.

II Simposio de Neurodesarrollo "Neurologia Del Lactante". 1) "Genetic Aspects and Neurology". 2) "Congenital Myopathies and Dystrophies".3) Round Table:" Newborns with Hypotonia Syndrome" DIF. Instituto Nacional de Salud Mental. Mexico City, Mexico. July 2, 1993.

International Congress in Neurology and Neurosurgery. (1) "Therapeutic Strategies with Steroids and Immunosuppression in Multiple Sclerosis". (2) "Clinical Uses of Simple Emission Fotonos Computed Tomography". (3) Course: "Isquemic Cerebrovascular Disease". Palacio de las Convenciones, La Habana, Cuba. December 9-11, 1992.

Key Note Speech: "Conceptos Actuales del Sida". Primer Seminario de MEDICUS, Inc. Instituto Nacional de Salud Publica. Cuernavaca, Morelos, Mexico. October 9, 1992.

Ingeneria Genetica y Neurologia". II Encuentro Internacional de Pediatria. Centro Asturiano. Mexico, D.F. October 7, 1992.

XV Reunion Anual de la Asociacion de Medicos Egresados del Instituto Nacional de Neurologia y Neuroeirugia (AMEINNN). (1) "El Uso de la Toxina Botulina". (2) " Las Indicaciones de la Endarterectomia: Cuando Si y Porque No". Hotel del Prado. Torreon, Coah., Mexico. September 25- 26, 1992.

I Symposium Sobre Desviaciones Del Neurodesarrollo. "Crisis Convulsivas Neonatales. Etiologia". Instituto Nacional de Salud Mental. (D.I.F.) Mexico, D.F. July 24, 1992.

XV Annual Congress Mexican Academy of Neurology. (1) "Carotid Surgery. When and Why Not? (Current accepted concepts)". Rivera V.M., Coselli, J.S., Espada, R. (2) "Magnetic Resonance Angiosequence in Acute Cerebrovascular Disease." Castillo Lara R.A., Ferrell, B.E., Rivera, V.M., Mawad, M.E. (3) Symposium-CAMELICE: - "Epilepsy in the Adolescent Etiology". Veracruz, Mexico. October 31, 1991.

"El mañana De La Epilepsia". El Capitulo Mexicano De La Liga Contra La Epilepsia (C.A.M.E.L.I.C.E.). Simposio-"Presente y Futuro De La Epilepsia". Hotel Camino Real, Mexico City, Mexico. October 26, 1991.

International Conference on Stroke. "Spinal Cord Strokes and Aortic Aneurysms. Clinical and MRI Aspects". Rivera, V.M., Crawford, E.S., Mawad, M.E., Breitbart, W. Geneva, Switzerland. May 30-June 1, 1991.

I Reunion Internacional De Cirugia Vasculat. 1) "Indicacion Actual de la Cirugia Carotidea. 2) "Insuficiencia Tromboembolica Vertebro-Basilar". Aguascalientes, AGS, Mexico. May 8-10, 1991.

"Alzheimer Disease". The Methodist Health Care Network. Hospital San Jose, Monterrey, N.L., Mexico. November 15-18, 1990.

Academia Mexicana de Neurologia, XIV Reunion Anual. (1) "Aspectos Clinicos de la Encefalopatia Multifactorial Aguda" Rivera, V.M., Castillo, R., Wulff, E.A., Breitbart, W., R.N., Ferrell, E. (2) "Estrategias Terapeuticas en el Manejo de las Diferentes Formas Clinicas de Esclerosis Multiple". Rivera, V.M., Breitbart, W., R.N. Symposium: "Neonatal Seizures. Etiology". Mazatlan, Mexico. November 1-4, 1990.

Hoescht Laboratories, International Symposium on Cerebrovascular Disease. "La Enfermedad Cerebrovascular desde el Punto de Vista de la Tecnologia Moderna" Mexico City, Mexico. October 13, 1990.

(1) "Tecnologia en el Manejo De La Enfermedad Cerebrovascular". (2) "Aspectos Clinicos de la Isquemia Medular" Hospital General de Mexico, Secretaria de Salud Publica y la Academia de Neurologia. Mexico City, Mexico. Sept. 6, 1990.

XII International Congress of Electroencephalography and Clinical Neurophysiology. Clinical and Electroencephalographic aspects of the Rett's Syndrome. (Olmos Garcia de Alba, Urbina, Rivera). Rio de Janeiro, Brazil. January 14-19, 1990.

Topics in Pediatric Neurology. August 4: 1) Keynote speech: Advances in Neurology, 2) Metabolic and Degenerative Diseases, 3) Infectious Diseases, 4) Discussion of Clinical Case (by invitation). National System for the Integral Development of the Family (DIF), Mexico City, Mexico. August, 1989.

17<sup>o</sup> Congress International de Radiologie. July 1-8: MRI of Anterior Spinal Artery Infarction (Mawad, Rivera, Crawford, Ramirez, Breitbart). Paris, France, July 1-8, 1989.

IV International Conference on AIDS: Neuroepidemiology of Mexicans and Americans AIDS patients (Trujillo, Garcia, Novak, Rivera, Huerta, Essex). Quebec, Canada. May 31-June 3, 1989.

## **PUBLICATIONS**

### **Full Papers (\* indicates INDEXED JOURNAL Peer Reviewed)**

(◦ Blue = INVITED and *Peer Reviewed*)

**Rivera VM.** The evolution of knowledge on multiple sclerosis. Reflection in Latin America: the past decades, the present and future challenges. LAMSJ 2013; 2(1): 10-15.

**Rivera VM,** Douglas JR, Weinstock-Guttman B, Bock D, Dangond F. Results from the 5-year, phase IV RENEW (Registry to Evaluate Novantrone Effects in Worsening Multiple Sclerosis) study. BMC Neurology 2013,13:80. DOI: 10.1186/1471-2377-13-80. [Http://www.biomedcentral.com/1471-2377/13/80\\*](http://www.biomedcentral.com/1471-2377/13/80)

Macías-Islas MA, Soria-Cedillo IF, Velázquez-Quintana M, **Rivera VM,** et al. Cost of care according to disease-modifying therapy in Mexicans with relapsing-remitting multiple sclerosis. Acta Neurol Belg 2013. DOI 10.1007/s13760-013-0200-z\*

Abad P, Nogales-Gaete J, **Rivera V,** et al. LACTRIMS consensus document for the pharmacological treatment of multiple sclerosis and its clinical variants. Rev Neurol 2012 Dec 16; 55 (12): 737-748\*.

**Rivera VM.** LACTRIMS: Logros y Desafíos (1999-2012) *Editorial* [www.lactrims.org](http://www.lactrims.org) [available starting January 2012]

Stosic M, De Jesus P, McCarthy J, Hutton G, **Rivera V.** Immune Thrombocytopenic Purpura in a Patient with Multiple Sclerosis treated with Natalizumab. Neurology 2011. (Published ahead of Print on July 20,2011 as 10.1212/WNL.0b013e318227b23f)\*

Avila-Ornelas J, Avila M, Stosic M, Robles L, Guillermo Prieto P, Hutton GJ, **Rivera VM.** The Role of Postpartum Intravenous Corticosteroids in the Prevention of Relapses in Multiple Sclerosis. Int J MS Care 2011; 13:91-93.\*

**Rivera VM,** Tovaxin for multiple Sclerosis. Expert Opinion Biological Therapy (Early Online May 2011). Vol. 11, No 7:961-967.\*

Uitdehaag B, Constantinescu C, Cornelisse P, Jeffery D, Kappos L, Li D, Sandberg-Wolheim M, Traboulsee A, Verdun E, **Rivera V** (corresponding author). Impact of

exposure to interferon beta-1a on outcomes in patients with relapsing-remitting multiple sclerosis: exploratory analyses from the PRISMS long-term follow-up study. *Therapeutic Advances in Neurological disorders* 2011;4:3-14. \*

**Rivera VM.** Inmunización y vacunación con Linfocitos-T atenuados: concepto y potencial terapéutico en esclerosis múltiple. Un análisis introspectivo. *Neuroinmunología* 2010;Vol 14, Número 2: 2-8.

Cohen BA, **Rivera VM.** PRISMS: the story of a pivotal clinical trial series in multiple sclerosis. *Current Medical Research and Opinion* 2010; Vol 26(4):827-838\*.

**Rivera V,** Weistock-Guttman B, Beagan J, Al-Sabbagh A, Bennett R, Dangond F. Final results from the registry to Evaluate Novantrone Effects in Worsening Multiple Sclerosis study. *Multiple Sclerosis* 2009; 15: S254-S255\*.

Herbert J, **Rivera V,** Ford C, Pace A, Hyde R. Effects of natalizumab on relapses and MRI outcomes in Hispanic patients with relapsing multiple sclerosis. *Multiple Sclerosis* 2009; 15: S232\*.

**Rivera VM.** Esclerosis Múltiple en Latinoamérica (Revisión). *Revista Española de Esclerosis Múltiple* 2008; 9: 17-23.

Cristiano E, Arcega R, Correale J, Gabbay AA, Lander-Delgado R, Macias-Islas MS, Palacios E, Patrucco L, **Rivera-Olmos V,** Soto A. Recomendaciones para la optimización del tratamiento de la esclerosis múltiple en Latinoamérica. *Rev Neurol* 2007 (8):494-498\*

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Interview with **Dr. Rivera**. *Benign MS: A Dangerous Diagnosis?* 2006 [MultipleSclerosis.com](http://MultipleSclerosis.com)

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Member of RENEW Group/ Continuing Evaluation of the Safety and Tolerability of Novantrone® (Mitoxantrone) in *Worsening Multiple Sclerosis: The RENEW Study*. Bennett R and Al-Sabbagh A, on behalf of the RENEW Group. American Academy of



Neurology, 58<sup>th</sup> Annual Meeting, San Diego, Cal., 2006 (Abstract).

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De la Maza M, Escobar A, **Rivera V**, Dondis D, Avila M. The spectrum of clinical and radiological characteristics of ADEM. Consortium of MS Centers, Orlando, Fla. (Poster S18), 2005.

Ramirez-Casillas GA, Macias-Islas MA, Villalpando-Gueich M, Montoya J, Lopez-Prieto JJ, Duriez E, Lozano-Zarate J, **Rivera-Olmos VM**. Quality of Life (QOL) in Multiple Sclerosis (MS) in Mexico (Preliminary Report), Consortium of MS Centers, Orlando, Fla. (Poster S51)

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**Rivera, V.M.**: Medicina en Mexico. MEDICO Interamericano. 1999. Vol. 18, No. 5. Special Issue. Guest Editor.

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National Disease and Therapeutic Index. Participating Physician. 1987-1996.

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**Rivera, VM:** The Effective Use of Dantrolene Sodium. August 30, 1978. Telesession Corporation. 475 Fifth Avenue, New York, N. Y.

Sanders, M., **Rivera, V.M.**, Fellowes, O.N. and Lenox, A.: From the film archives of 500 Amyotrophic Lateral Sclerosis patients before and after treatment with modified neurotoxin (MNT). Film. 11th World Congress of Neurology, Amsterdam, 1977.

**Rivera, VM:** "Abnormal Movements". Film, 16 mm, for medical students, Baylor College of Medicine, 1973.

### **ABSTRACTS (in archives)**

Rivera VM, Cruz E, Breitbach W. Respiratory failure in multiple sclerosis (American Academy of Neurology abstract archives) 1981.

Rivera VM, Breitbach W, Baralt T, Huston D. Periodic intravenous cyclophosphamide in multiple sclerosis (American Academy of Neurology abstract archives) 1981.

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### **TEACHING INFORMATION**

#### Didactic Course Work

#### **Courses taught at BCM**

Neurobiology of Disease. Multiple Sclerosis. Neurosciences Course Baylor College of Medicine, 2006, 2007

Yearly class on Differential Diagnosis (1) and Symptomatic Management of MS (1), Residency Program Baylor College of Medicine 1994- present

Student core lectures (Neurological Physical Examination), 1999-2001.

Review of clinical aspects of cerebrovascular disease. Department of Psychiatry, Sleep Laboratory. 1 hour/week for 6 weeks, 1978. Ismet Karacan, M.D., coordinator.

Lectures on Abnormal Movements, Multiple Sclerosis, Motor Neuron Diseases and

Essentials in Neuroanatomy. Department of Physical Medicine and Rehabilitation. 1 hour lectures/month from 1978 to 1988. Martin Grabois, M.D., Chairman.

**Courses taught at other institutions; Texas Woman's University, course on Clinical Neurology**

School of Occupational Therapy. OT442-60 and OT5412-60. 16 hours. Spring course, yearly from 1975 -2001. Annual lectures: 2002, 2003, 2004, 2005, 2006. Annual lectures on Parkinson's Disease and Multiple Sclerosis: 2006,2007,2008,2009,2010.

School of Physical Therapy. 20 hours. Fall course, yearly from 1975 -2001.

Nondidactic teaching:

SCHERING International Ms Preceptorship, Houston, Texas 2002.  
SERONO Preceptorships: 2006, 2007

**BCM Preceptor (1) SMART Program (Summer Medical and Research Training) (2) Students and Minority Honor Students Summer Program, BCM, since 1997.**

**Mentor:**International Health Elective.

**Graduate Student Training:** Clinical clerkships and rotations in Dr. Rivera's service at The Methodist Hospital have been taken by many foreign physicians through the international program of TMH and registered with the International Office of Baylor College of Medicine. These guests come temporarily under the denomination of "***International Visitor-Observer***" and comply with the current guidelines for international visitors. Since 1979 guests from **Mexico, Guatemala, El Salvador, Venezuela, Colombia, Brazil, Costa Rica, Panama, Argentina, Scotland, Germany, Russia, Italy, India, Pakistan and the Check Republic** , have visited or have had an **academic rotation at the MS center.**

**PROFESSIONAL THESIS SUPERVISION AND DIRECTION**

Velazquez Quintana, Maria Merced:

Clinical and Molecular Description of MS in the State of Chihuahua, Mexico; Faculty of Medicine of the Autonomous University of Chihuahua, Chihuahua, Mexico, February 2000. Master's Degree Thesis.

Reichart, Allison:

Predicting Performance of Activities of Daily Living in Patients with Multiple Sclerosis. Texas Woman's University Graduate School of Occupational Therapy, Houston, Texas, June 1990; Master's Degree Thesis.

Trujillo, Jose Roberto:

Use of Cyclophosphamide as a Treatment of Multiple Sclerosis, Review During One Year in Houston Neurological Center, Houston, Texas. Facultad de Medicina, University Autonomous of Mexico State, Toluca, Mexico, 1988; Medical Degree Thesis.

## **Resident Training**

1. Contributions to training of residents initiated after Dr. Rivera's appointment as Chief Neurology Resident at Baylor College of Medicine in 1969 and Deputy Chief Neurology service at Ben Taub General Hospital in 1972. Served as Full-time Coordinator of the residency program until 1975 and remained as a member of the committee until 1957. From 1975-1992 he held initially a Clinical Assistant then a Clinical Associate Professorship and continued participating in residents teaching activities. Since 1993 a Baylor resident has been assigned monthly to his service and has actively contributed to the training of the rest of the group and the program. He also contributed to the training of Psychiatry residents. He has been a Tenured Professor since 1994.
2. Maxine Mesinger Multiple Sclerosis Clinic at Baylor College of Medicine
  - a. Baylor Neurology resident rotating through the outpatient clinic since July, 2004 (average contact of 6 hours per day).
  - b. Frequent international observers (students, residents and fellows) trained on visits ranging from 1-3 months
  - c. Postdoctoral research fellows annually
  - d. Postdoctoral Clinical MS fellowship
3. Mentor/research advisor for Neurology residents (1972-present)

## **Post-Doctoral Training as Mentor**

### **1980 – 2000 International Clinical Research Associate Fellowships**

- Col. Homero Rios-Sosa, M.D., 1981, Guatemala, (†). Was killed by guerrillas in the Guatemalan jungle when his helicopter crashed.
- Enrique Wulff, MD. 1982, 1983, 1985, Venezuela. Current Gulf Breeze, Florida.
- Erwin Cruz, M.D., 1982-1984. Current Dallas, Texas
- Henry Tellez, Jr., M.D., 1983, Colombia. Current, New York, NY.
- Salvador Murra, M.D., 1984. El Salvador. Current Houston, Texas.
- Francisco Grajeda, M.D., 1985, Mexico. Current Guadalajara, Mexico.
- Victoriano Garcia, M.D., 1985, Mexico. Current Guadalajara, Mexico.
- Adrian Galan, M.D., 1986, Mexico (†). Died in a car accident shortly after he had started his neurological practice in Paris, Texas.
- Tulio Baralt, M.D., 1987, Venezuela. Current Caracas, Venezuela..
- Ariel Ramirez, M.D., 1986, Guatemala. Current Guatemala City.
- Roberto Trujillo, M.D., 1987, Mexico. Current Washington DC.
- Javier Cortina, M.D., 1988, Mexico. Current Brownsville, Texas.
- Humberto Salinas, M.D., 1988, Mexico. Current Dallas, Texas.

- Jose Lopez, M.D., 1990, Mexico. Current San Antonio, Texas.
- Raul Castillo-Lara, M.D., 1990-1992. Mexico. Current San Luis Potosí, Mexico.
- Enrique Ferrell, M.D., 1989-1992, Mexico. Current McAllen, Texas.

### **Post-Doctoral Clinical Research and Clinical Fellowship Training**

- George J. Hutton, M.D., June 2001 – July 2002. Current Baylor College of Medicine. Associate Professor of Neurology, Director Maxine Mesinger Comprehensive Care Center. Director Clinical Research in MS.
- Hassan Javanshir, M.D., July 2001-June 2002. Current: Private Practice, Clear Lake, Texas
- Eli Skromne, M.D., April, 2005-April, 2006. Current: MS Director Institute of Neuroscience, Mexico City
- Laura Ordonez, M.D., April, 2005-April, 2006. Current: Private Practice, Mexico City
- Daniel Ontaneda, M.D., July, 2005-June 2006. Current: Clinical Trialist in MS, Cleveland Clinic, Ohio
- Irfan Jafree, M.D., June, 2006-June, 2007. Current: university of Vermont College of Medicine, Burlington, Vermont
- Samuel Landero, M.D., May, 2006-April, 2007. Current: Houston, Texas
- Gustavo Suarez, M.D., July, 2006-July, 2008. Former Medical Sub Director MS Branch Bayer HealthCare, Wayne, New Jersey, Current Medical Director Acorda Therapeutics, Ardsley, NY
- Mirla Avila, M.D., May, 2007-2011. Current: Resident IM Louisiana State University, Shreveport, LA
- Juan Ramirez, M.D., July, 2007-June, 2008; Current: Movement Disorder Fellow, Baylor College of Medicine
- Daniel Brandt-Vegas, M.D., November, 2007-May, 2008; Current: Toronto, Canada, Academic Practice
- Evanthia Bernitsas, M.D., July, 2008-June, 2009; (NMSS Fellow). Current: Assistant Professor, MS Clinic Department of Neurology, Wayne State University, Detroit, MI
- Liliana Robles, M.D., September, 2008-2010. Current: Baylor resident
- Milena Stosic, M.D., July, 2008-2011. Current: Baylor resident
- Maria del Pilar Guillermo Prieto Eibl, M.D., August, 2008-2010. Current: Researcher University of Houston.
- José Avila, M.D., July 2009 – June 2011, Current: Clinical Research University of Puerto Rico, San Juan, PR.
- Patricia DeJesús, MD, July 2010-June 2011(NMSS Fellow), Current: Private Practice, San Juan, PR

**VICTOR M. RIVERA, M.D., FAAN**

