

Form A- Clinical Departments

UNIVERSITY OF PUERTO RICO MEDICAL SCIENCES CAMPUS SCHOOL OF MEDICINE
DEPARTMENT OF MEDICNE NEUROLOGY SECTION

CURRICULUM VITAE

NAME: Brenda Deliz Roldán

HOME ADDRESS: n/a

OFFICE ADDRESS: University of Puerto Rico, Neurology Section, 5th floor University District Hospital, San Juan, P.R. 00936

TELEPHONE (OFFICE). 787-754-0101 ext. 2516, Fax 787-751-3911

EDUCATION AND DEGREES: (Chronological order)

COLLEGE OR UNIVERSITY	DEGREE	YEAR OF GRADUATION
University of Puerto Rico, Rio Piedras Campus	Pre-requisites toward BD	N/A
University of Puerto Rico College of Health Related Professions	University of Sacred Heart BD, Physical Therapy Magna Cum Laude 1995 Courses to complete pre-med	
MEDICAL SCHOOL (NAME OF INSTITUTION)	DEGREE	YEAR OF GRADUATION
University of Puerto Rico, Medical Sciences Campus	MD Magna Cum Laude	2000

INTERNSHIP:

INSTITUTION	DATE
University District Hospital, San Juan	2000-2001

RESIDENCY, FELLOWSHIP OR OTHER POSTGRADUATE TRAINING (institution and date)

TYPE OF TRAINING	INSTITUTION	DATE
Neurology Residency	University District Hospital	2001-2004

Neuromuscular Fellowship University District Hospital 2004-2005

LICENSE TO PRACTICE:

PLACE	LICENSE NUMBER	DATE
Puerto Rico	15131	2002

MILITARY SERVICE: (type of experience and dates):
N/A

SPECIALTY:

Neurology

SUBSPECIALTY:

Neuromuscular Diseases

CERTIFICATION BY AMERICAN BOARD OF MEDICAL SPECIALTY (Include dates):

Board	Date
American Board of Psychiatry and Neurology- Written and Oral Part	June 07, 2006
American Board of Psychiatry and Neurology- Certification in the Subspecialty of Neuromuscular Medicine	September 2011

SPECIALTY COLLEGES:

COLLEGES	DATE OF ELECTION
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None

HOSPITAL AFFILIATIONS: (Nature and dates)

HOSPITAL	DATE
University District Hospital	2005- Present

PROFESSIONAL EXPERIENCE:

EMPLOYER	POSITION HELD	DATE
Veterans Administration Hospital, San Juan	Fee Basis Service for Compensation and Pension, Neurological Cases	2005-2007
Hato Rey Community Hospital	Physical Therapist, Department of Physical Medicine and Rehabilitation	1995- 1996

ACADEMIC APPOINTMENTS (Include all appointments ever held):

RANKS	INSTITUTIONS	DATE
Associate Professor	UPR, School of Medicine	2014- Present

Assistant Professor,	UPR , School of Medicine	2005
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OTHER APPOINTMENTS (Administrative, consultative, others):

TITLE	DATE
None	

HONORS AND AWARDS:

June 2012	Recognition for excellent work as part of the Curriculum Committee of the Neurology Residency Training Program UPR, MSC
August 2012	Acknowledgement given by Sylvia Leon Jordán, Patient Coordinator for MDA clinics in Puerto Rico due to Involvement and Participation in the care and Education of MDA patients
July 20,2011	Acknowledgement letter given by Dr. Charmaine Alfonso, LND,RD, MHSN, EdD Nutrition and Dietetics Department, VA Medical Center collaboration with the academic program for the Nutrition and Dietetics Internship
June 18, 2011	Acknowledgement for participation in MDA Summer Camp given by Sra. Pimentel Figueroa
September 17, 2010	Acknowledgement given in Recognition of Productivity in Lectures to residents given by Dr. Carmen Serrano, Neurology Program Director, and Dr. Carlos Luciano Neurology Division Director
July 28, 2010	Appreciation letter for Neurology/ Neurosciences correlations Seminar given to New Residents of 2010-2011 Academic Year by Dr. Luz Colon de Marti, Training Program Director, General Psychiatry

March 2010	Nominated for the Top Management Award under the Category of Health - Association of Executives of Sales and Merchandise of PR (SME).
March 11, 2010	Acknowledgement given by Gloria Rojas Bruno, Auxiliary Director of the Nursing Personal Development Program for the lecture titled: Cerebrovascular Accidents, Prevention and Treatment.
June 15, 2010	Recognition letter by Dr. Jose Carlo for helping to set the Medical Sciences Campus, Clinical Research Center as an active center for the Collaborative International Neuromuscular Research Group trials
July 7, 2006	Recognition by Jesus Velez Borrás, Neurology Faculty Director Performance as a Faculty in the Neuromuscular Diseases Section

MEMBERSHIP IN MEDICAL, PROFESSIONAL OR SCIENTIFIC SOCIETIES (Positions held if any):

2008 - Present American Academy of Neuromuscular and Electrodiagnostic Medicine.
2008- 2011 National Academy of Neuropsychology. 2002_ Present

Puerto Rican Academy of Neurology Member

2010- Present Puerto Rican Academy of Neurology, Vocal
Elected as President for 2014-2016

2002_ Present American Academy of Neurology.

2001 - 2003 Puerto Rican Society of Neurophysiology.

1996 - 2000 American Medical Students Association.

1996 - 2000 American Medical Association, Puerto Rico Chapter.
Medical Student Section.

1993 - 1995 Puerto Rico Physical Therapy Association.

1993 - 1996 American Physical Therapy Association,

TEACHING EXPERIENCE (With interns, residents, medical students, graduate students, others):

I. Undergraduate Students

A. Medical students

- Coordinate Clinical Neurology Required Course for 4th year medical students

(MCI-JA 7418) Academic year 2011- Present time

- Supervise students enrolled in the Internal Medicine clerkship, required course for 3rd year students, while rotating at the Neuromuscular and Neurology clinics.

- Collaborate in the design of neurological cases for standardized patients including history, exam, and discussion for 4th year medical students. Arrange meeting with standardized patient for review of case and practice. Prepare an evaluation form of students in aforementioned cases.
 - B. Other undergraduate students
 - Lecturer Nutrition and Dietetics Internship, VA Medical Center II.

Post Graduate

Teaching position

- Faculty Neuromuscular Medicine Fellowship Program 2005-Present time
 - Active participation in the academic program:
 1. Be responsible for conferences and lectures in assigned core topics of neuromuscular medicine
 - 2, Deliver hands on workshops on specialized core topics in Neuromuscular Medicine
 3. Demonstrate and supervise special techniques in procedures such as electromyography (EMG) and other procedures to fellows and neurology residents rotating through the Neuromuscular Unit
 4. Carry out case discussions and other didactic activities whenever necessary to achieve proper diagnosis and management of neuromuscular patients while assigned to supervise residents and fellows
 5. Evaluate fellows under my supervision. Accomplish remedial plans whenever necessary when an academic deficiency is observed
 6. Collaborate in the designing and planning of the core conference program for the Neuromuscular Medicine Fellowship based on the requirements of the Accreditation Council of Graduate Medical Education (ACGME) since 2007 and including topics examined in the Neuromuscular Specialty Board from the ABPN
 7. Collaborate in the redaction and edition of manuals and other didactic materials used in the Fellowship Program
 8. Collaborate in the accreditation process of the fellowship program
 - Faculty Adult Neurology Residency Program 2005-Present time
 - 1 . Be responsible for the supervision of residents and fellows while assigned as neurology attending at the University Hospital.
 2. Evaluate medical students, interns, and neurology residents while assign as attending physician

3. Develop the multiple sclerosis and headache blocks of conferences with objectives, competency requirements, references and assigned material
4. Develop the demyelinating diseases of the Central Nervous System block of conferences: assign speakers (residents, attending or invited speakers), schedule conferences and create an evaluation tool.
5. Offer conferences and lectures in assigned core topics of neurology to neurology residents
6. Active participation in committees such as Program Evaluation, Curriculum and Promotion Committees of Neurology
7. Collaborate in the accreditation process of the residency program
8. Instruct Neurology Faculty, thru yearly workshops, about new evaluation requirements (including evaluation tools) from the American Board of Psychiatry and Neurology during the Residency Training to be eligible to take the board.

Other post graduate teaching activities:

- UPR School of Medicine, Psychiatry Residency Program: lecturer for seminars and other academic activities to discuss core neurology topics 2008- Present
- UPR School of Medicine Family Medicine Residency Program, Carolina UPR Hospital: lecturer Neurology topics 2010-Present

III. Other teaching experiences

- Conferences on neuromuscular medicine topics directed to community doctors
- Conferences, panel discussions and written material focused to patients and family about neuromuscular and other neurological conditions

Conferences:	Place		
Multiple Sclerosis and other Demyelinating Diseases- Internal Med	LJDH, 4th Floor 1M Meeting Room	Multiple Sclerosis and other CNS Demyelinating Diseases- Internal Med	Hospital de C
Autonomic Neuropathies-NM	UDI-II 5th Floor Neurology Section	Neuromuscular Disorders in Clinical Practice- Family Medicine	Hospital Carol
Systemic Disorders affecting the CNS - Med Neurosciences	UPR, School of Medicine 2nd floor Amphitheater	Differential Diagnosis and MS La Concha Resort, Condado	Diagnosis- APN

Basic Principles of EMG	UDH, 5th floor Neurology Section	February22, 2012
Autonomic Neuropathies- NM Section	IJDH, 5th floor Neurology Section	
Clinically Isolated Syndrome and Differential Diagnosis of 1st demyelinating event	UDI-I, 5th floor Neurology Section	February 082 2012
		December 11 , 2011
Neurological Emergencies	UDI-I, 5th floor Neurology Section	
ALS, SMA and DMD- Nutrition Date	VAH, San Juan	December 09, 2011
		October 18, 2011
April 12, 2012		August 26, 2011
January 17, 2012		
January 30, 2012		July 07, 2011
		July 13, 2011
And Dietetics Department		
Oral Board Exam	IJDH, 5th floor Neurology Section.	July 01, 2011
Guillain Barre Syndrome and Myasthenia Gravis- Internal Med	IJDH, 4th Floor EM Meeting Room	May 10, 2011
		March 15, 2011
Other NMJ Diseases- NM Section	UDH, 5th floor Neurology Section	
Neurophysiology Review:		
Nerve Conduction and Neuropathic Disorders	UDH, 5th floor Neurology Section	February 11, 2011
Accidentes Cerebrovasculares, Prevención y Tratamiento- Depto. Enfermeria	UDH, Conference Room #1, 2nd floor	February 09, 2011
Taller neurológico a pacientes Estandarizados	Multidisciplinary Lab #7 UPR, MSC	November 15, 2010
Initial Approach and Classification Of Peripheral Neuropathy, NM Section	UDH, 5th floor Neurology Section	August 10, 2010
Cerebrovascular Disease- Mechanisms of Disease	UPR, School of Medicine 2nd floor Amphitheater	January 26, 2010
Clinically Isolated Syndromes	UDH, 5th floor Neurology Section	November 10, 2009

October 02, 2009

Acute and Chronic

Inflammatory

UDH, 5th floor Neurology Section

Demyelinating Polyneuropathy and
Dysimmune NeuropathiesCerebrovascular Disease-
Mechanisms of DiseaseUPR, School of Medicine 2nd floor
Amphitheater

January 28, 2009

Neuromuscular Exam-NM
Section

UDH, 5th floor Neurology Section

September 02, 2008

Guillain Barre Syndrome,
Myasthenia Gravis and Spinal
Cord Compression- Internal Med

UDH, 4th Floor 1M Meeting Room

July 30, 2008

Guillain-Barre- NM Section

UDR, 5th floor Neurology Section

July 02, 2008

Amyotrophic Lateral Sclerosis
and Other MND- Internal Med

UDH, 4th Floor 1M Meeting Room

May 22, 2008

Neuropathies-
Med NeurosciencesUPR, School of Medicine 2nd floor
Amphitheater

March 24, 2008

Initial Approach and Classification
Of Peripheral Neuropathy

UDH, 5th floor Neurology Section

February 22, 2008

Nerve Conduction Study

I-JDH, 5th floor Neurology Section

February 08, 2008

Workshop- NM Section

Neuromuscular Disorders- Internal
Med Clerkship, 2nd rotation

UPR, School of Medicine Room 822

Jan 29, 2008

Diagnosis and Management of
Neuromuscular EmergenciesHospital Metro[politano],
San Juan

September 2007

Electrodiagnostic studies in the
Evaluation of Neurosurgical
PatientsUPR, School of Medicine 9th floor
Neurosurgery Meeting Room

September 2007

Selected Neurological
Emergencies- Internal Med

UPRI MSC 6th floor Amphitheater

July 03, 2007

Accidentes Cerebrovasculares,
Prevenccion y Tratamiento- Depto.
Enfermeria

UDH, Conference Room #1 , 2nd floor

October 17, 2007

Amyotrophic Lateral
SclerosisCuidando al Cuidador

Triple SI 6th floor

May 30, 2007

Neuromuscular Disorders- Internal
Med Clerkship, 3rd rotation

UPR, School of Medicine Room 822

May 01, 2007

Gases, pesticides, other to Toxins and illicit drug	UDH, 5th floor Neurology Section	March 30, 2007
Neuropathies-	UPR, School of Medicine 2nd floor Med Neuroscience Amphitheater	March 20, 2007
Peripheral Neuropathies-	UPR, School of Medicine 2nd floor Mechanisms of Disease	February 05, 2007
Cerebrovascular Disease-	UPRI School of Medicine 2nd floor Mechanisms of Disease Amphitheater	February 05, 2007
Neuromuscular Disorders	Internal UPR, School of Medicine Room 822 Med Clerkship, 2nd rotation	January 23, 2007
Pathogenesis of Cerebral Blood Flow and Stroke-	UPR, School of Medicine 2nd floor Mechanisms Amphitheater of Disease	January 16, 2007
Muscular Dystrophy	UDH, 5th floor Neurology Section	October 20, 2006
Initial Approach and Classification	IJDH, 5th floor Neurology Section of Peripheral Neuropathy	September 15, 2006
ADEM and other CNS Demyelinating Disorders	UDH, 5th floor Neurology Section	June16,2006
Neuromuscular Disorders	UPR-School of Medicine Amph 2	May 24, 2005
Case Presentation	Clinical Research Center	March 15, 2005
Peripheral Neuropathies (2 nd yr)	UPR- School of Medicine Amph 2	February 11,2005

RESEARCH EXPERIENCE (Describe and include the title and year of investigation conducted):**Clinical Trial of Insulin-like-Growth Factor-I (IGF-I) in Amyotrophic Lateral Sclerosis (ALS)**

The purpose of this study is to determine if insulin-like growth factor-I (IGF-I) slows the progressive weakness in amyotrophic lateral sclerosis (ALS) patients.

Role: Puerto Rico Site Co-Investigator Dates: 2005-2008 Study status: Completed

PI170503: Clinical Trial of Coenzyme Q10 and Prednisone in Duchenne Muscular Dystrophy

This study will help determine if CoQ10 and prednisone, alone and as a combination decrease the decline in cardiopulmonary and skeletal muscle function that occurs in the wheelchair confined phase of DMD.

Role: Puerto Rico Site Co-Investigator Dates: 2005-2009 Study status: Closed

Neuropsychological Performance, Biochemical and Microstructural Changes at Early Stages of Multiple Sclerosis

The purpose of the study is to determine if there is a correlation among Cognitive function with newer neuro-imaging Techniques (MRS) that could help to detect changes at an earlier phase. Role: Co-Investigator Study Dates: 2006-2010 Study status: Completed

UCD0305: Longitudinal Study of the Relationship between Impairment, Activity Limitation, Participation and**Quality of Life in Persons with Confirmed Duchenne Muscular Dystrophy**

The primary goal of this study is to establish the largest long-term assessment of people with Duchenne muscular dystrophy (DMD) between the ages of 2 and 30 years.

Role: Puerto Rico Site Co-investigator Date 2008-Present Study status: Active

Seroprevalence of NMO/AQP4-IgG in a Puerto Rican patient cohort with inflammatory CNS disorders: a Mayo Ethiopian collaborative study

This study will help to determine if NMO/AQP4 IgG is present in serum of patients with inflammatory disease other than in patients with Neuromyelitis Optica.

Role: Puerto Rico Site Co-investigator Dates: 2009- Present Study status: Active

Neuropsychiatric Manifestations in a cohort of Relapsing Remitting Multiple Sclerosis

The study will aim to assess the presence of neuropsychiatric symptoms as depression, anxiety, and fatigue in a group of patients with relapsing remitting multiple sclerosis in the Multiple Sclerosis Clinics. A correlation between these symptoms with the level of the disability of the patient will also be studied. Role: Co- Investigator Dates: 2010-2011 Study Status: Completed

The Impact of Fatigue and Depression on Cognitive Functioning in Patients with Multiple Sclerosis- A Pilot Study Neuropsychiatric Manifestations in a cohort of Relapsing Remitting Multiple Sclerosis

Role: Co- Investigator Dates: 2012-Present Study Status: Active

POSTGRADUATE OR GRADUATE COURSES, SEMINARS AND WORKSHOPS ATTENDED:

Title	Place	Date
Seminario de ética médica y profesionalismo	Caribe Hilton Hotel	August 4, 2012
Interactive Technologies for teaching and Learning- Faculty Resource Network	New York University	June 11-15, 2012

Mentoring the Future 4th Year Student	HOPU, 1st floor	March 13, 2012
Difficult Feedback Made Easy- Improving	Carolina Regional Hospital, EMR	February 15, 2012
Evaluations	Meeting Room	
Teaching Residents to Teach	UPR, MSC Nursing School Bldg.	February 16, 2012
Como crear un portafolio electrónico	UPRI School of Medicine	October 4, 2011
CITI_ collaborative Institutional training	Web Based Course	October 5, 2011
Initiative- Health Information Privacy and Security		
CITI collaborative Institutional training	Web Based Course	October 4, 2011
Initiative- Human Research		
Sexual Harassment Workshop	UPR, School of Medicine	August 2008
Prevention of Pulmonary Complications in Patients with ALS and Neuromuscular Complications	San Pablo Hospital, Bayamon	October 20, 2007
Evaluating our Residents	UPR, School of Medicine	October 10, 2007
Professionalism- Workshop	IJPR, School of Medicine	September 27, 2007
Taller: Componente Avaliación-Proyecto Titulo V	UPR, School of Medicine	August 15, 2007, August 22, 2007
Strategies for the application of Novel Therapies for Multiple Sclerosis	San Juan, Puerto Rico	March 1st, 2007
National Collaborative International Neuromuscular Research Group Meeting	Washington, DC	September 15-17, 2006
The Internal Review Process Team leader	UPR MSC School of Med 5th floor	February 24, 2006
GME retreat IJPR, School of Medicine	Caribe Hilton Hotel	April 23, 2005

EXTRACURRICULAR ACTIVITIES (Community Activities, Special Interests, Talents, Skills, Hobbies):

A. Muscular Dystrophy Association, Puerto Rico Chapter, volunteer for several activities directed to patients, their family community doctors and other health care professionals. Among other contributions:

- Orientation and education through conferences and lectures to community medicine doctors, nurses, and other health professionals
 - Written educational material directed to patients, their family and health professionals
 - Educational activities through participation in radio programs and newspapers
 - Assistance in planning activities directed to fund raising
 - Support in other events such as summer camps and MDA Telethon
- Continued medical education offered to primary care physicians on the recognition, evaluation, and treatment of patients with Muscular Dystrophy through a regional initiative supported by Triple S and MDA, PR chapter:
1. Neuromuscular Diseases- Update in diagnostics, treatment and relevant investigations — Primary Physicians in Arecibo- April 29, 2010

2. Neuromuscular Diseases- Update in diagnostics, treatment and relevant investigations- Primary Physicians and Nurses in Vieques- July 11, 2009
3. Amyotrophic Lateral Sclerosis updates in treatment and relevant investigations- Primary Physicians in Fajardo- May 7th, 2009
4. Amyotrophic Lateral Sclerosis updates in treatment and relevant investigations- Primary Physicians in Mayaguez- March 12, 2009
5. Amyotrophic Lateral Sclerosis updates in treatment and relevant investigations- Primary Physicians in Ponce- November 13, 2008
6. Amyotrophic Lateral Sclerosis updates in treatment and relevant investigations — Primary Physicians in Arecibo- September 30, 2008
7. Press conference in May (Amyotrophic Lateral Sclerosis awareness month) to promote campaign of orientation to primary physicians around the island - May 11, 2007
8. Neuromuscular Conditions under Muscular Dystrophy Association Clinics- Physicians and Health Care Professionals at Hospital Susoni, Arecibo- February 2007

B. Patient Education

1. "Ataque Isquémico Transitorio " Resefia de periódico para alertar sobre síntomas de accidente cardiovascular a raíz de evento que sufriera la reportera Serene Branson, Periódico Primera Hora , 17 de febrero 2011.
2. Programa radial "Vive con gusto" orientación a pacientes y su familia a través de llamadas telefónicas y entrevista sobre diferentes temas relacionados con condiciones neurológicas que afectan movimiento como la enfermedad de Parkinsons estaciån radial Noti Uno, 8 de enero de 2011 :00-9:00AM.
3. "Un dolor que incapacita": foro de migrãa (blog) del periódico Primera Hora, 12 de diciembre 2010
4. Programa radial "Vive con Gusto" en Radio Isla dirigido a orientar al público sobre [a Migraciã y otros dolores de cabeza con sesiõn de preguntas af finalizar programaciõn, 8 de septiembre del 2009.
5. "Ataques de suefio" entrevista sobre narcolepsia y trastornos de suefio para articulo publicado el julio 2 del 2009 en periódico Primera Hora.
6. "Dependencia fatal" entrevista para Suplemento: Vive a tu manera del Periódico Primera Hora, 7 de septiembre del 2007
7. "Cuidando al cuidador", conferencia a pacientes y cuidadores sobre Esclerosis Lateral AmiotrCfica en las facilidades de Triple S, 30 de mayo del 2007
8. Programa radial Estaciõn Noti Uno, Tema: Distrofia Muscular, 14 de mayo del 2007.
9. "Una pérdida que no es normal" entrevista para artículo publicado el 2 de marzo del 2007 en periódico Primera Hora.
10. "Agiliza tu memoria" entrevista para artículo publicado el 8 de mayo del 2007 en periódico Primera Hora.

"Special interests

- Reading
- Listening to classic music

PARTICIPATION IN SPECIAL COMMITTEES' BOARDS, ACADEMIC SENATE, ADVISORY COUNCILS

Date	Name
2006-Present	Program Evaluations and Promotion Committee of Neurology UPR, MSC
2009- Present	Curriculum Committee of Neurology Program UPRr MSC
2011- Present	Course Coordinator, Clinical Neurology MUA 7418 required course for Medical Students in UPR, Medical Sciences Campus
2011- Present	Vocal Puerto Rican Academy of Neurology
2011- Present	UPR, MSC- Medicine Committee for Medical Students 3 rd and 4 th year
2011 -Present	UPR, MSC- Medical Students Graduation and Awards Committee

THESIS AND SPECIAL REPORTS

Title	Date
NIA	

PARTICIPATION IN NATIONAL OR INTERNATIONAL SCIENTIFIC MEETINGS OR SPECIAL LECTURES DURING THE LAST FIVE YEARS:

Participation in Local, Regional and National Activities/ Presentations/ Abstracts

<u>Meeting</u>	<u>Title</u>	<u>Place Held</u>	<u>Date</u>	<u>Presenter (yes/no)</u>	
XXII Jornada Neurological	Images of Neurology: Early identification for t eted intervention	Fajardo, Puerto Rico	August 24-25, 2012		x
64 AAN Meeting	N europsychological Performance and Biochemical MRS changes in CIS and RRMS- Abstract presentation	New Orleans	April 21-28, 2012	x	
MDA National Clinic Director's Conference	Optimizing referrals to Muscular Dystrophy Association Clinics through and Educational Program for Primary Care Physicians - Abstract presentation	Las Vegas-Nevada	March 4-7 2012	x	

MDA National Clinic Director's Conference	Mitochondrial Gastrointestinal Encephalomyopathy without Gastrointestinal Manifestations: Abstract presentation	Las Vegas-Nevada	March 4-7 2012	x	
CME activity for Nursing Department at University District Hospital	Cerebrovascular Accidents Pathophysiology, Evaluation and Treatment	San Juan, Puerto Rico	February 9, 2011	x	
Puerto Rican Academy of Neurology — Annual Congress I th Highlights in Multiple Sclerosis	Differential Diagnosis and Diagnosis of Multiple Sclerosis	San Juan, Puerto Rico	December 11, 2010		
Sponsored lecture for Neurologists in private practice	Indications of treatment for Clinically Isolated Syndromes	San Juan, Puerto Rico	October 2010	x	
11 Annual Review of Multiple Sclerosis and Parkinson's disease		Orlando-Florida	May 24-24, 2008		x
MDA National Clinic Director's Conference		Las Vegas Nevada	January 26-28, 2009		x
7 Annual Convention-Asoc.			June 25-27, 2010		x

NeurClogos Bayamon					
8th Annual Convention-Asociación de NeurClogos de Bayamón	Neurology pearls	Viequesy Puerto Rico	July 8-10, 2011		
Business management Workshop and pain management symposium-APN		San Juan, Puerto Rico	March 31 ,2012		x
AANEM annual meeting		Rhode Island, New York	September 17-20, 2008		
64 AAN annual meeting		New Orleans, Louisiana	April 21-28 2012		x

30 Annual Electrodiagnostic and Clinical Neurophysiology high intensity review		Chicago, Illinois	March 14-17, 2007		x
20 Annual convention of Puerto Rican Academy of Neurology (APN)		San Juan, Puerto Rico	August 27-29,2010		x
Interactive Technologies for Teaching and Learning		New York, New York	June 11-15,2012		x
Neuropsychological Assessment and Importance on the Diagnosis and Treatment of Neurological and Psychological Disorders		San Juan, Puerto Rico	April 30, 2008		x
Convention of the Puerto Rican Academy of Neurology		Rio Grande, Puerto Rico	August 17-19 2007		x
Innovations in Neurology- Highlights in Multiple Sclerosis and Parkinsons Disease		San Juan, Puerto Rico	February 12-13, 2011		
8 Annual Review of Multiple Sclerosis		Orlando, Florida	May 28-29, 2005		x
Seminario de ética médica y Profesionalismo	Aug 4, 2012	Caribe Hilton, PR		6	x
Health promotion and disease prevention in PR	Dec 14-15, 2012	Centro de Convenciones		15	x
Common neurologic complaints and conditions in lary care setting	sept 15, 2012	Conrad Hotel		x	

LEARNING RESOURCES AUTHORED OR CO -AUTHORED (Video tapes, movies, self study units, others):

Title	Date
1. Web based information for patients with peripheral neuropathy	2012
Sponsored by the Puerto Rican Academy of Neurology	
2. Neurology cases for Standardized patient	2011, 2012
3. Algorithm for Muscular Dystrophy Diseases	2010
4. Manual for infusion center (Editor)	2005
5. Table of medications used for Multiple Sclerosis	2005

BIBLIOGRAPHY: (Please include all your publications specifying authors, titles, journal, volume, pages and years)
(Please follow format below for articles, APA format)

Please list books first, then full articles and lastly the abstracts:

San Miguel, L.s., Deliz, B., Trefz, K. (2011). Multiple Sclerosis. C. Noogler, R. Dean (Eds.), The Encyclopedia of Neuropsychological Disorders (pp. 487-499). New York: Springer Publishing.

Otero, M., Bosques, M., Soto, R., Deliz, B., Bertran, J., Vargas, P. (2011). Tetanus is still present in the 21st century: Case report and review of literature. Publication from Puerto Rican Medical Association, 41 -47,

Pegoraro, E., Hoffman, E.P., Piva, L., Gavassini, B., CINRG group- Deliz, B., et al.(2011). SPP 1 genotype is determinant of disease severity in Duchenne muscular dystrophy. Neurology, 76, 219-225.

San Miguel, L., Deliz, B. (2010). Clinical and Neuropsychological Symptoms in Multiple Sclerosis. Puerto Rican Journal of Neurosciences, 7(1), 17-32.

Vazquez, Y., Deliz, B., Gonzalez, N., Carlo, J. Mitochondrial Gastrointestinal Encephalomyopathy (MNGIE) without Gastrointestinal Manifestations: a case report. MDA Clinical Conference 2012. March 7.

(Abstract)

Vazquez, Y., Deliz, B., Gonzalez, N., Carlo, J., et al. Optimizing Referrals to Muscular Dystrophy Association Clinics through an Educational Program for Primary Care Physicians. MDA Clinical Conference 2012. March 7. (Abstract)

Deliz, B., Schenk, C., San Miguel, L., Alfonso, G., et al. Neuropsychological Performance and Biochemical MRS changes in as and RRMS. Neurology 2012;78(suppl 1): POI .227. (Abstract)

Vazquez, Y., Deliz, B., Pardo, S., Alfonso, G. Distinct Mutations of SGCA and CAPN3 of Limb Girdle Muscular Dystrophy within the same Puerto Rican Family. Muscle and Nerve 2011; 44(4):623. (Abstract)

Vazquez, Y., Luciano, C., Deliz, B., Carlo, J., Alfonso, G., et al. Distal and Proximal Thermal and Pain Perception in Human Immunodeficiency Virus Sensory Neuropathy. Muscle and Nerve 2011; 44(4):694.

(Abstract)

PARTICIPATION IN PROJECTS, PROGRAMS, GRANTS, CONTRACTS (Title of project, position held dates, source of funding if known):

TITLE OF PROJECT	POSITION HELD	DATES & SOURCE OF FUNDING
Clinical Trial of IGF-I in ALS	Investigator Multicenter	March 2005- Great ALS Consortium NIH Grant No. 5R01 NS042759 P.I. Eric Sorenson, M.D.

PIT Protocol- Use of steroids and Investigator November 2005- Department
of
COQ 10 in non-ambulatory DMD Multicenter Defense
LANGUAGES: (Include native language, others, and level of command)

COMMAND OF LANGUAGES*

INDICATE LEVEL WITH A NUMBER

	<u>SPEAKING</u>	<u>WRITING</u>	<u>COMPREHENSION</u>
Spanish	1	1	1
English	1	1	1
Other			
*1= Good	2=Fair	3-A little	4=Not a all

REFERENCES: (List name and address of three persons who have knowledge of your qualifications)

NAME	ADDRESS
Carlos Luciano, MD	University of Puerto Rico, School of Medicine, Neurology Section, PO Box 365067
Carmen Serrano, MD	University of Puerto Rico, School of Medicine, Neurology Section, PO Box 365067
Gishlaine Afonso, MD	University of Puerto Rico, School of Medicine, Neurology Section, PO Box 365067

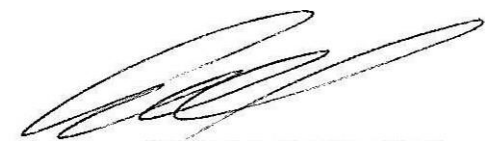
07/03/13
DATE


SIGNATURE

DECLARATION

I hereby declare that the facts set forth on this curriculum vitae are true and complete to the best of my knowledge and by no means had been made in an act of deceiving or misrepresenting.

You are hereby authorized to make any investigation of my personal history.

A handwritten signature in black ink, consisting of several overlapping loops and strokes, positioned above a horizontal line.

Signature

07/03/13

Date