
Gladys E. Maestre

Curriculum Vitae

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EDUCATION

- Ph.D. Department of Pathology and Center for Neurobiology and Behavior, Columbia University, New York, 1996
- M.Phil. Department of Pathology and Center for Neurobiology and Behavior, Columbia University, New York, 1995
- M.D. University of Zulia, Medical School, Maracaibo (Venezuela), 1989
- B.Sc. St. Vincent of Paul College, Maracaibo (Venezuela), 1981

PROFESSIONAL EXPERIENCE

- 2018 – Present Director of the Alzheimer's disease Resource Center for Minority Aging Research, University of Texas Rio Grande Valley
- 2018- Present Professor of Neurosciences and Human Genetics, University of Texas Rio Grande Valley
- 2016-2018 Professor of Biomedical Sciences, Division of Neurosciences, University of Texas Rio Grande Valley School of Medicine
- 2014- Present Professor Emerita, University of Zulia
- 2014 - 2016 Associate Research Scientist, G.H. Sergievsky Center, Columbia University
- 2005 – 2014 Professor of Psychiatry and Neurosciences, Institute for Biological Research, University of Zulia
- 2011-2014 Visiting Professor of Psychiatry, Neurology and G.H. Sergievsky Center, Columbia University
- 2003-2011 Associate Research Scientist, G.H. Sergievsky Center, Columbia University
- 2000-2005 Associate Professor of Psychiatry and Neurosciences, Institute for Biological Research, University of Zulia
- 1992-2000 Assistant Professor of Psychiatry and Neurosciences, Institute for Biological Research, University of Zulia
- 1990-1992 Research Fellow Dept Psychiatry, Harvard University, Massachusetts General Hospital, Boston

PUBLICATIONS

Peer Reviewed Journal Articles (*First and/or Senior Author 32/60)

- 2019 **MAESTRE GE**, Alvarez EC, Leendertz R, Melgarejo, JD, Diego VP, Gaona C, Chavez C, Pirela RV, Fernandez F, Terwilliger JD, Lee JH, Blangero J, de Erausquin G, Brickman AM, Illes J. Incidental Findings of Brain MRI Scans in Low SES Hispanic Adults: Type, Prevalence, Management, *submitted*.
- 2019 Melgarejo JD, Aguirre-Acevedo DC, Gaona C, Chavez C, Pirela R, De Eurasquin G, Mena LJ, Terwilliger J, Lee JH., **MAESTRE GE**. Incidence of Alzheimer’s Disease in Hispanics: Role of APOE Genotypes and Ambulatory Blood Pressure Monitoring, *submitted*.
- 2019 Patel V; Rodriguez M, MD; Popplewell D, Gopal K, Gong D, Thomas ZD, Joiner DB, Chu Chia-kai, Walters SP Ramachandran M, Kapoor R, ***MAESTRE GE**, Lee JH, Moazami G. Detecting Undiagnosed Eye Disease Using Mobile, Real-Time Teleophthalmology in At-Risk Populations: A Pilot Study, *submitted*.
- 2019 Li Y, Thijs L, Asayama K, Hansen TW, Boggia J, Björklund-Bodegård K, Niiranen TJ, Ntineri A, Zhang Z, Wei F, Yang W, Kikuya M, Ohkubo T, Jeppesen J, Dolan E, Hozawa A, Tsuji I, Stolarz-Skrzypek K, Huang Q, Melgarejo JD, Tikhonoff V, Malyutina S, Casiglia E, Nikitin Y, Lind L, Sandoya E, Aparicio L, Waisman G, Gilis-Malinowska N, Narkiewicz K, Kawecka-Jaszcz K, **MAESTRE GE**, Jula AM, Johansson J, Kuznetsova T, Filipovský J, Stergiou G, Wang J, Imai Y, O’Brien E. Age- sex- and ethnicity-specific prediction of cardiovascular outcomes by in-office and out-of-the-office blood pressure: a subject-level meta-analysis of 17,921 adults enrolled in 17 population studies, *submitted*.
- 2019 Cheng Y-B, Thijs L, Zhang Z-Y, Kikuya M, Yang W-Y, Melgarejo JD, Boggia J, Wei FF, Hansen TW, Yu C-G, Asayama K, Ohkubo T, Dolan E, Stolarz-Skrzypek K, Malyutina S, Casiglia E, Lind L, Filipovský J, **MAESTRE GE**, Imai Y, Kawecka-Jaszcz K, Sandoya E, Narkiewicz K, Li Y, O’Brien E, Wang J-G, Staessen JA, IDACO Investigators. Outcome-driven thresholds for ambulatory blood pressure based on the new American College of Cardiology/American Heart Association classification of hypertension. *Hypertension*, HYPERTENSIONAHA. 119.1351
- 2019 Yang W-Y, Melgarejo JD, Thijs L, Zhang Z, Boggia J, Wei F, Hansen TW, Asayama K, Ohkubo T, Jeppesen J, Dolan E, Stolarz-Skrzypek K, Malyutina S, Casiglia E, Nikitin Y, Lind L, Filipovský J, **MAESTRE GE**, Li Y, Wang J-G, Imai Y, Kuznetsova T, , Kawecka-Jaszcz K, Sandoya E, Narkiewicz K, O’Brien E, Verhamme P, Staessen JA. Association of Office and Ambulatory Blood Pressure With Mortality and Cardiovascular Outcomes. *JAMA*. 2019;322(5):409-420. doi:10.1001/jama.2019.9811.
- 2019 *Ochoa A, Mena LJ, Felix V, Gonzalez A, Mata W, **MAESTRE GE**. Noise-tolerant modular neural network system for classifying ECG signal. *Informatica*, 43 (1).
- 2019 Wei F-F, Thijs L, Yu C-G, Melgarejo JD, Zhang Z-Y, **MAESTRE GE**, Struijker-Boudier HAJ, Verhamme P, Staessen JA. Retinal Microvasculature in Relation to Central

- Hemodynamics in a Flemish Population. *Hypertension*. 2019;74:00- 00. DOI: 10.1161/HYPERTENSIONAHA.119.13255.
- 2019 Dingle AD, Torres-Reveron A, Gil M, Fernandez F, Martinez Escobedo I, Terry V, **MAESTRE GE**, de Erausquin GA. Mind, Brain, and Behavior: an Integrative Approach to Teaching Neuroscience to Medical Students. *Academic Psychiatry* 1-5.
- 2018 Mena LJ, Félix VG, Ochoa A, Ostos R, González E, Aspuru J, Velarde P, ***MAESTRE GE**. Mobile Personal Health Monitoring for Automated Classification of Electrocardiogram Signals in Elderly. *Computational and Mathematical Methods in Medicine* doi.org/10.1155/2018/9128054
- 2018 Zaidi MB, De Moraes CG, Pettito M, Yepez JB, Sakuntabhai A, Simon-Loriere E, Prot M, Ruffie C, Kim SS, Allikmets R, Terwilliger JD, Lee JH, ***MAESTRE GE**. Non-congenital severe ocular complications of Zika virus infection. *JMM Case Reports* 2018;5 10.1099/jmmcr.0.005152.
- 2018 De Moraes CG, Pettito M, Yepez JB, Sakuntabhai A, Simon-Loriere E, Zaidi MB, Prot M, Ruffie C, Kim SS, Allikmets R, Terwilliger JD, Lee JH, ***MAESTRE GE**. Optic neuropathy and congenital glaucoma associated with probable Zika virus infection in Venezuelan patients. *JMM Case Reports* 2018;5 DOI 10.1099/jmmcr.0.005145
- 2018 Méndez AS, Melgarejo JD, Mena LJ, Chávez CA, González AC, Boggia J, Terwilliger JD, Lee JH, ***MAESTRE GE**. Risk factors for orthostatic hypotension: Differences between elderly men and women. *American Journal of Hypertension*. 31 (7), 797-803.
- 2018 Melgarejo JD, Lee JH, Pettito M, Yépez JB, Murati FA, Jin Z, Chávez CA, Pirela RV, Calmón GE, Lee W, Johnson MP, Mena LJ, Al-Aswad LA, Terwilliger JD, Allikmets R, **MAESTRE GE**, De Moraes CG. Glaucomatous Optic Neuropathy Associated with Nocturnal Dip in Blood Pressure: Findings from the Maracaibo Aging Study. *Ophthalmology*. 125 (6), 807-814.
- 2018 ***MAESTRE GE**, Mena J.D., Aguirre-Acevedo D.C., Pino-Ramirez G. Urribarri M., Chacon I.C., Chavez C.A., Falque-Madrid L., Gaona C., Terwilliger J.D., Lee J.H. Scarmeas, N. Incidence of dementia in elderly Latin Americans: Results of the Maracaibo Aging Study. *Alzheimer's & Dementia* 14(2):140-147.
- 2017 Mena LJ, Felix VG, Melgarejo JD, ***MAESTRE GE**. 24-Hour Blood Pressure Variability Assessed by Average Real Variability: A Systematic Review and Meta-Analysis. *J Am Heart Assoc*. 6(10) pii: e006895. doi: 10.1161/JAHA.117.006895
- 2017 ***MAESTRE GE**, Reduction of Cognitive Decline in Patients with or at High-Risk for Diabetes. *Current Geriatrics Reports*, 6(3):188-195.
- 2017 Yepez JB, Murati FA, Pettito M, Peñaranda CF, Yepez YD, **MAESTRE G**, Arévalo JF, Ophthalmic Manifestations of Congenital Zika Syndrome in Colombia and Venezuela. *JAMA Ophthalmology*, 135(5):440-445.
- 2017 Melgarejo J, **MAESTRE GE**, Thijs L, Asayama K, Boggia J, Casiglia E, Hansen TW, Imai Y, Jacobs L, Jeppesen J, Kawecka-Jaszcz K, Kuznetsova T, Li Y, Malyutina S, Nikitin Y, Ohkubo T, Stolarz-Skrzypek K, Wang J-G, Staessen JA, Prevalence, Treatment and Control Rates of Conventional and Ambulatory Hypertension across Ten Populations on Three Continents. *Hypertension*, 70(1): 50-58

- 2016 *Paz Reverol, C.L., Gavidia, N.G., Fernández, J., **MAESTRE, G.** El uso de las TIC en adultos mayores en Maracaibo (Venezuela) [*The CIT's use in older adults in Maracaibo (Venezuela)*]. *Opción*, Año 32, Especial N°. 12 (2016): 169-188. ISSN 1012-1587 / ISSN: 2477-9385.
- 2016 *Felix, V., Mena, L., Ostos, R. **MAESTRE GE** Use of emerging computer technologies to improve the effectiveness of reading and writing therapies in children with Down syndrome. *British Journal of Educational Technology*. doi:10.1111/bjet.12426
- 2016 Reverol, C. L. P., Villalobos, J., Moran, Y., Antúnez, C., Paz, J. L., Falque, L., **MAESTRE, G.** Configuración de las identidades de los “santaroseros” y su disposición a participar en estudios con componente genético. *Revista Internacional de Salud, Bienestar y Sociedad*, 1(1).
- 2014 Mena, L.J., **MAESTRE GE**, Hansen, T.W., Thijs, L., Liu, Y., Boggia, J., Li, Y., Kikuya, M., Björklund-Bodegard, K., Ohkubo, T., Jeppesen, J., Torp-Pedersen, C., Dolan, E., Kuznetsova, T., Stolarz-Skrzypek, K., Tikhonoff, V., Malyutina, S., Casiglia, E., Nikitin, Y., Lind, L., Sandoya, E., Kawecka-Jaszcz, K., Filipovsky, J., Lmai, Y., Wang, J., O'Brien, E., Staessen, J.A. How many measurements are needed to estimate blood pressure variability without loss of prognostic information? *American Journal of Hypertension* Volume 27 (1): 46-55.
- 2014 *Paz-Reverol, C., Villalobos, J., Moran, Y., Antunez, C., Paz, J.L., Falque, L., **MAESTRE, G.** Configuration of identities of “santaroseros” and their disposition to participate in studies with a genetic component. *Revista Internacional de Salud, Bienestar y Sociedad* 1(1):1-14.
- 2014 *Paz-Reverol, C., Sandoval, J., Falque-Madrid, L., Stepenka, V., Rivas de Casal, Y., Casal, J.C., Stoutenberg M., Florez H., **MAESTRE G.** Social construction about diabetes and prediabetes in persons that attend a healthcare center in Maracaibo-Venezuela. *Revista Internacional de Salud, Bienestar y Sociedad* 1(2):59-70.
- 2014 Gu, Y.-M., Thijs, L., Li, Y., Asayama, K., Boggia, J., Hansen, T.W., Liu, Y.-P., Ohkubo, T., Björklund-Bodegård, K., Jeppesen, J., Dolan, E., Torp-Pedersen, C., Kuznetsova, T., Stolarz-Skrzypek, K., Tikhonoff, V., Malyutina, S., Casiglia, E., Nikitin, Y., Lind, L., Sandoya, E., Kawecka-Jaszcz, K., Imai, Y., Mena, L.J., Wang, J., O'Brien, E., Verhamme, P., Filipovsky, J., **MAESTRE GE**, Staessen, J.A. Outcome-driven thresholds for ambulatory pulse pressure in 9938 participants recruited from 11 populations. *Hypertension* 63, (2): 229-237.
- 2014 Asayama, K., Thijs, L., Li, Y., Gu, Y., Hara, A., Liu, Y., Zhang, Z., Wei, F., Lujambio, I., Mena, L., Boggia, J., Hansen, T., Björklund-Bodegård, K., Nomura, K., Ohkubo, T., Jeppesen, J., Torp-Pedersen, C., Dolan, E., Stolarz-Skrzypek, K., Malyutina, S., Casiglia, E., Nikitin, Y., Lind, L., Luzardo, L., Kawecka-Jaszcz, K., Sandoya, E., Filipovský, J., **MAESTRE, G.**, Wang, J., Imai, Y., Franklin, S., O'Brien, E., Staessen, J. Setting thresholds to varying blood pressure monitoring intervals differentially affects risk estimates associated with white-coat and masked hypertension in the population. *Hypertension* 64 (5), 935-942.

- 2014 Conen, D., Aeschbacher, S., Thijs, L., Li, Y., Boggia, J., Asayama, K., Hansen, T., Kikuya, M., Björklund-Bodegård, K., Ohkubo, T., Jeppesen, J., Gu, Y., Torp-Pedersen, C., Dolan, E., Kuznetsova, T., Stolarz-Skrzypek, K., Tikhonoff, V., Schoen, T., Malyutina, S., Casiglia, E., Nikitin, Y., Lind, L., Sandoya, E., Kawecka-Jaszcz, K., Mena, L., **MAESTRE, G.**, Filipovský, J., Imai, Y., O'Brien, E., Wang, J., Risch, L., Staessen, J. Age-specific differences between conventional and ambulatory daytime blood pressure values. *Hypertension* 64 (5), 1073-1079
- 2014 Li, Y., Wei, F., Thijs, L., Boggia, J., Asayama, K., Hansen, T., Kikuya, M., Björklund-Bodegård, K., Ohkubo, T., Jeppesen, J., Gu, Y., Torp-Pedersen, C., Dolan, E., Liu, Y., Kuznetsova, T., Stolarz-Skrzypek, K., Tikhonoff, V., Malyutina, S., Edoardo Casiglia, Yuri Nikitin, Lind, L., Sandoya, E., Kawecka-Jaszcz, K., Mena, L., **MAESTRE, G.**, Filipovský, J., Imai, Y., O'Brien, E., Wang, J., Staessen, J. Ambulatory Hypertension Subtypes and 24-hour Systolic and Diastolic Blood Pressure as Distinct Outcome Predictors in 8341 Untreated People Recruited from 12 Populations *Circulation*. 113.004876
- 2014 Del Brutto, OH, Mera RM, Del Brutto VJ, **MAESTRE GE**, Gardener, H, Zambrano, M, Wright, CD., Influence of depression, anxiety and stress on cognitive performance in community-dwelling elders living in rural Ecuador. Results from the Atahualpa Project. *Geriatrics and Gerontology International*. In press.doi: 10. 111/aggi. 12305.
- 2014 Del Brutto, O.H., Gardener, H., Del Brutto, V.J., **MAESTRE GE**, Zambrano, M., Montenegro, J.E., Wright, C.B., Edentulism Associates with Worse Cognitive Performance in Community-Dwelling Elders in Rural Ecuador: Results of the Atahualpa Project. *Journal of Community Health*-14 March 2014: 1-4.
- 2013 *Mena, L.J., Felix, V.G., Ostos, R., Gonzalez, J.A., Cervantes, A., Ochoa, A., Ruiz, C., Ramos, R., **MAESTRE GE**, Mobile personal health system for ambulatory blood pressure monitoring. *Computational and Mathematical Methods in Medicine* Volume 2013, Article number 598196
- 2012 *Mena, L.J., Orozco, E.E., Felix, V.G., Ostos, R., Melgarejo, J., **MAESTRE GE**, Machine learning approach to extract diagnostic and prognostic thresholds: Application in prognosis of cardiovascular mortality. *Computational and Mathematical Methods in Medicine* 2012, art. no.750151.
- 2011 Stolarz-Skrzypek, K., Thijs, L., Li, Y., Hansen, T.W., Boggia, J., Kuznetsova, T., Kikuya, M., **MAESTRE, G.**, Mena, L., Kawecka-Jaszcz, K., Staessen, J.A., Short-term blood pressure variability in relation to outcome in the International Database of Ambulatory blood pressure in relation to Cardiovascular Outcome (IDACO). *Acta Cardiologica*, 66 (6): 701-706.
- 2011 Boggia J., Thijs L., Hansen T., Li Y., Kikuya M., Björklund-Bodegård K., Richart T., Ohkubo T., Jeppesen J., Torp-Pedersen C., Dolan E., Kuznetsova T., Olszanecka A., Tikhonoff V., Malyutina S., Casiglia E., Nikitin Y., Lind L., **MAESTRE G.**, Sandoya E., Kawecka-Jaszcz K., Imai Y., Wang J., Ibsen H., O'Brien E., Staessen J. A. Ambulatory blood pressure monitoring in 9357 subjects from 11 populations highlights missed opportunities for cardiovascular prevention in women.*Hypertension*, 57 (3), pp. 397-405.

- 2010 *Muñoz, A.M. , Falque-Madrid, L., Zambrano, R. , **MAESTRE GE**, Basic anthropometry and health status of elderly: Findings of the Maracaibo aging study. *Journal of Aging and Health*, 22 (2), pp. 242-261.
- 2009 *Mena, L., González, J.A., **MAESTRE, G.**, Extracting new patterns for cardiovascular disease prognosis. *Expert Systems*, 26 (5), pp. 364-377.
- 2009 Nitrini, R., Bottino, C.M.C., Albala, C., Custodio Capuñay, N.S., Ketzoian, C., Llibre Rodríguez, J.J., **MAESTRE GE**, Ramos-Cerqueira, A.T.A., Caramelli, P. Prevalence of dementia in Latin America: A collaborative study of population-based cohorts. *International Psychogeriatrics*, 21 (4), pp. 622-630.
- 2009 *Chacón IJ, Molero AE, Pino-Ramírez G, Luchsinger JA, Lee JH, **MAESTRE GE**, Risk aDementia Associated With Elevated Plasma Homocysteine In A Latin American Population. *Int J Alzheimer's Dis. Volume 2009 Article Id 632489*, 6 Pages.
- 2008 Kalaria, R.N. , **MAESTRE GE**, Arizaga, R., Friedland, R.P., Galasko, D., Hall, K., Luchsinger, J.A., Ogunniyi, A., Perry, E.K., Potocnik, F., Prince, M., Stewart, R., Wimo, A., Zhang, Z.-X., Antuono, P. Alzheimer's disease and vascular dementia in developing countries: prevalence, management, and risk factors. *The Lancet Neurology*, 7 (9), pp. 812-826.
- 2007 *Molero, A.E. , Pino-Ramírez, G., **MAESTRE GE**. High prevalence of dementia in a Caribbean population. *Neuroepidemiology*, 29 (1-2), pp. 107-112.
- 2007 *Romero Salazar, R, Rujano Roque, R, **MAESTRE GE**. Conocimientos, Creencias y Reporte de la Práctica de los Médicos Generales en Maracaibo, Venezuela, acerca de las demencias. *Investigación en Salud*. Volumen Ix.Nº1.
- 2006 *Molero, A.E., Altamari, C.C., Duran, D.A., Garcia, E., Pino-Ramirez, G., **MAESTRE GE**. Total plasma homocysteine values among elderly subjects: Findings from the Maracaibo Aging Study *Clinical Biochemistry*, 39 (10), pp. 1007-1015.
- 2005 Illes, J., Blakemore, C., Hansson, M.G., Hensch, T.K.f , Leshner, A.g , **MAESTRE, G.**, neuroethics (2005) *Nature Reviews Neuroscience*, 6 (12), pp. 977-982.
- 2005 Mena, L., Pintos, S., Queipo, N.V., Aizpúrua, J.A., **MAESTRE, G.**, Sulbarán, T. A reliable index for the prognostic significance of blood pressure variability. *Journal of Hypertension*, 23 (3), pp. 505-511.
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- 2003 *Hómez De Delgado, B , Pino, G ,**MAESTRE GE**, Efecto de la Terapia Hormonal de Reemplazo Sobre la Función Cognitiva en la Menopausia Hospital Noriega Trigo (Ivss), Av. 22 C/68 # 67-81, Maracaibo. Venezuela. Universidad del Zulia. Departamento de Neurociencias, Maracaibo. Venezuela *Rev Venez Endocrinol Metab* 1 (3): 12-18.
- 2002 ***MAESTRE GE**, Pino-Ramírez, G., Molero, A.E., Silva, E.R., Zambrano, R., Falque, L., Gamero, M.P., Sulbarán, T.A. The Maracaibo Aging Study: Population and methodological issues. *Neuroepidemiology*, 21 (4), pp. 194-201.
- 2002 *Sulbarán TA, Silva ER, **MAESTRE G**. Isolated systolic hypertension: A new challenge in medicine. *Journal of Human Hypertension*, 16 (SUPPL. 1), pp. S44-S47.

- 2001 *Molero AE, Pino-Ramirez G, **MAESTRE GE**. Modulation By Age and Gender of Risk For Alzheimer's Disease and Vascular Dementia Associated With The Apolipoprotein E-Epsilon 4 Allele In Latin Americans: Findings From The Maracaibo Aging Study. *Neuroscience Letters* 307 (1): 5-8.
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- 1994 ***MAESTRE GE**, Tate BA, Majocha RE, Maguire J, Marotta CA. Intercellular interactions in PC12 cells overexpressing beta/A4 amyloid. *Scanning Micros.* 1994; 8 (2):325-335
- 1994 Marder K, **MAESTRE G**, Cote L, Mejia H, Alfaro B, Halim A, Tang M, Tycko B, Mayeux R. The Apolipoprotein Epsilon-4 Allele In Parkinsons-Disease With and Without Dementia. *Neurology* 44 (7): 1330-1331.
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Reviews (*4/7)

- 2016 Tshala-Katumbay D, Mwanza JC, Rohlman DS, **MAESTRE G**, Oriá RB. A global perspective on the influence of environmental exposures on the nervous system. *Nature* 527 (7578), S187-S192.
- 2015 Huttler, A., **MAESTRE GE**, Lantigua, R., Green, N.S. Sickle Cell in Sickle Cell Disease in Latin America and the United States. *Pediatric Blood & Cancer*. 62 (8), 1493-1493
- 2014 *González F.J., Gaona, C., Quintero, M., Chavez, C., Selga, J., **MAESTRE, G.E.**, Building capacity for dementia care in Latin America and the Caribbean. *Dement. Neuropsychol.* 8: 310-316.
- 2012 ***MAESTRE, G.E.** Assessing dementia in resource-poor regions. *Current Neurology and Neuroscience Reports*, 12, (5): 511-519.
- 2008 *Florez H, Luchsinger J, **MAESTRE G.**, Diabetes and Alzheimer's Screening Among U.S. Minority Elder Populations. *Health Care and Aging*. Fall issue.
- 1999 ***MAESTRE, G.** Strategic Alliances in Neuroscience. *International Journal of Neuroscience* 99:1-4.
- 1992 Tate, B. A., Majocha, R. E., **MAESTRE GE**, & Marotta, C. A. Biological and behavioral alterations induced by B/A4-amyloid. *Bull. Clin. Neurosci*, 56, 131-139.

Chapters

- 2017 **MAESTRE GE**, Gonzalez-Rojas, CA, Huntington's disease-related dementia (Demencia asociada a la enfermedad de Huntington). Ed. Behrens and Nervi. Sociedad de Neurología, Psiquiatría y Neurocirugía de Chile, Santiago: 15-24.
- 2011 **MAESTRE GE**, The hidden face of dementia in Santa Lucia (Maracaibo, Zulia State Venezuela). In *Faces behind Alzheimer's*, Ed. Josic de Hernandez M. Fundación Alzheimer de Venezuela Caracas: 133-147.
- 2010 **MAESTRE GE**, Caregiving for the patient with Alzheimer's disease and other dementias. How to educate and motivate the caregiver? 251-274. [Cuidados de los pacientes con la enfermedad de Alzheimer y otras demencias ¿Como educar y motivar al cuidador?] In [*La salud de los adultos mayores*] *The Health of Older Adults*. Ed. Quintero Osorio M. Organización Panamericana de la Salud, Washington: 245 -272.
- 2008 **MAESTRE GE**, 2008 Caregiving for the patient with Alzheimer's disease and other dementias. How to educate and motivate the caregiver? 251-274. [Cuidados de los pacientes con la enfermedad de Alzheimer y otras demencias ¿Como educar y motivar al cuidador?] In [*La salud de los adultos mayores*] *The Health of Older Adults*. Quintero O. Ed. Universidad del Zulia, Maracaibo.
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Books

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- 1994 Mayeux, R., **MAESTRE, G.**, Ottman, R., Stern, Y., Gurland, B., Chun, M., Tang, M.X. Shelanski, M. and Tycko, B. Genetic Heterogeneity and Environmental Interaction in the Association. IV International Conference on Alzheimer's Disease and Related Disorders. Minneapolis, MN, July 29-August 03. *Neurobiology of Aging* , 15: S73.
- 1992 ***MAESTRE, GE**, Tate, BA, Majocha, RE and Marotta, CA. Adhesive properties of cells overexpressing β /A4 amyloid DNA. Soc. Neurosci. Abstr, Vol. 18:1437, abstr, 1992. 22th Annual Meeting Society for Neuroscience, Anaheim, CA, October 25-30. *Society for Neuroscience Abstracts Book 1992*, 18: 1437
- 1992 ***MAESTRE, GE**, Tate, BA, Majocha, RE and Marotta, CA. Membrane surface phenomena in cells overexpressing β /A4 amyloid DNA. Third International Conference on Alzheimer's Disease and Related Disorders. Abano Terme, Italy July, 12-17. *Neurobiology of Aging* ,13 suppl 1: S106, abs 418
- 1991 ***MAESTRE, GE**, Majocha, RE, Tate, B, Sajdel-Sulkowska, EM and Marotta, CA. Membrane deformations in a cellular model for Alzheimer amyloidosis. 21th Annual Meeting Society for Neuroscience, New Orleans, LA, November 10-15. *Society for Neuroscience Abstracts Book 1991*, 17:1065

In-Campus Conference Proceedings

- 2017 *Eaves J, Paz C, Valbuena C, Homes LR, Pirela RV, **MAESTRE GE**.The human rights framework as a tool to study the Zika epidemics in Venezuela. Inaugural Research Symposium at University of Texas Rio Grande Valley School of Medicine. September 12, Edinburg, TX.
- 2005 *Gonzalez-Marquez A, Sulbaran A, Zambrano R, **MAESTRE GE** Low body mass index and dementia in older adults: Maracaibo Aging Study. XI Scientific Meeting of the Faculty of Medicine at University of Zulia. September 12-16. Maracaibo, Venezuela.
- 2005 *Rujano R, Romero–Salazar A, Romero D, Linares L, **MAESTRE GE** Knowledge, beliefs and practices related with dementia among general physicians of in primary care settings in Maracaibo. XI Scientific Meeting of the Faculty of Medicine at University of Zulia. September 12-16. Maracaibo, Venezuela.
- 2005 *Rojas O, Sánchez D, Guzmán H, Jiménez M, **MAESTRE GE** Barin Awareness Week: Community outreach from Laboratory of Neurosciences. XI Scientific Meeting of the Faculty of Medicine at University of Zulia. September 12-16. Maracaibo, Venezuela.
- 2005 *Chávez C, Araujo L, Sulbaran A, Nava M, **MAESTRE GE** Primary care of elderly: The Maracaibo Aging Study as model. XI Scientific Meeting of the Faculty of Medicine at University of Zulia. September 12-16. Maracaibo, Venezuela.
- 2001 *Chávez C, Mata L., Molero A., Pino-Ramírez G., **MAESTRE GE** Depression in older adults: Preliminary findings of the Maracaibo Aging Study. X Jornadas Científicas de la Facultad de Medicina, LUZ. Maracaibo, Venezuela. October 29- November 02.

- 1999 *Pino-Ramírez, G., Molero AE, **MAESTRE GE** Memory impairment and level of education among Venezuelans older than 55 years [*Deterioro en memoria y nivel de educación en venezolanos mayores de 55 años*]. IX Scientific Meeting of the Faculty of Medicine at University of Zulia Maracaibo-Venezuela, September 20-24. *Investigaciones Clínicas*, 40.
- 1999 *Molero AE., Silva, E., Pino-Ramírez, G., Sulbarán, T.A., **MAESTRE GE** Association of memory and blood pressure disregulatory disorders in adults older than 55 years [*Asociación entre la memoria y los trastornos disregulatorios de la presión arterial en adultos mayores de 55 años*]. IX Scientific Meeting of the Faculty of Medicine at University of Zulia. Maracaibo-Venezuela, September 20-24. *Investigaciones Clínicas*, 40.
- 1999 *Silva, E., Molero AE., **MAESTRE G.** Apolipoprotein E polymorphisms and ambulatory blood pressure during 24 hours in adults older than 55 years. [*Polimorfismos de apolipoproteína e y valores de presión arterial ambulatoria durante 24 horas en adultos mayores de 55 años*]. IX Scientific Meeting of the Faculty of Medicine at University of Zulia Maracaibo-Venezuela, September 20-24. *Investigaciones Clínicas*, 40.
- 1999 *Silva E. Molero A. Pino G., Sulbarán T y **MAESTRE G.** Relationship between ambulatory blood pressure monitoring values and cognitive functioning in adults older than 55 years of age (Preliminary findings) [*Relación entre monitoreo ambulatorio de presión arterial de 24 horas y función cognitiva en adultos mayores de 55 años (Resultados Preliminares)*]. IX Scientific Meeting of the Faculty of Medicine at University of Zulia .Maracaibo-Venezuela, September 20-24. *Investigaciones Clínicas*, 40:48.
- 1999 *Vegas A, Molero A, Sulbarán T y **MAESTRE G.** Association between ApoE polymorphisms and plasma lipids in Zulia State naturals older than 55 years. [*Asociación entre polimorfismos de ApoE y lípidos séricos en zulianos mayores de 55 Años*]. IX Scientific Meeting of the Faculty of Medicine at University of Zulia. Maracaibo-Venezuela, September 20-24. *Investigaciones Clínicas*, 40:34.
- 1997 *Sánchez M.E., Pino G, Molero A.E., **MAESTRE GE** Cognitive, emotional and daily functioning in elderly. [*Trastornos Cognitivos, Emocionales y funcionamiento cotidiano en ancianos*]. VIII Scientific Meeting of the Faculty of Medicine at University of Zulia. Maracaibo-Venezuela, October 20-24. *Investigaciones Clínicas*, 38: 169.
- 1997 *Molero A.E., Pino G, Meléndez, J.L. Picón J.L., **MAESTRE GE** Socio-Demographic conditions and health in subjects older than 55 in Maracaibo City [*Condiciones Sociodemográficas y de Salud de riesgo para deterioro Cognitivo entre sujetos Mayores de 55 Años en la ciudad de Maracaibo*]. VIII Scientific Meeting of the Faculty of Medicine at University of Zulia. Maracaibo-Venezuela, October 20-24. *Investigaciones Clínicas*, 38: 172-173.

FELLOWSHIPS & AWARDS

- 2018 Highest Distinction for Life in Science, Bolivian Institute of Cognitive Neuroscience, Santa Cruz de la Sierra, Bolivia
- 2012 Certificate for Life Research, Academy of Neurosciences of Peru, Lima, Peru
- 2012 Highest Distinction, Universidad Nacional Mayor de San Marcos, Lima, Peru
- 2006 Recognition for Scientific Career, Orden San Sebastian, Major of the City of Maracaibo
- 2000 Bruce S. Schoenberg Award, American Academy of Neurology

- 1998 Recognition of Scientific Merit, University of Zulia
- 1997 Best Scientific Work in Psychiatry VIII Scientific Meeting of the Medical School, University of Zulia, Venezuela
- 1993 Presidential Award, VII International Meeting of Scanning Microscopy, Los Angeles, USA
- 1992 Junior Investigator Award, III International Conference of Alzheimer's Disease, Padova Italia
- 1992 Stanley Cobb Award, Boston Society of Neurology and Psychiatry

CONFERENCE ACTIVITY

Relevant Invited Lectureships

- 2018 Addressing Unconscious Bias to Drive Inclusion in Alzheimer's Research, Care and Treatment, Panelist, 2018 National Alzheimer's Summit & Us Against Alzheimer's Third Annual National Alzheimer's Disparities Symposium. Washington, DC.
- 2018 Number of Blood Pressure measurements required to study Blood Pressure Variability. IDACO/IDHOCO/IDCARS Investigators Meeting. September 19th. Beijing, China.
- 2018 Ophthalmic complications of Zika in Venezuela, Invited Speaker. Institute Pasteur, Paris, France.
- 2018 4th Neurepiomics Summer School September 17-20, 2018, Invited Speaker, Lesson from the Maracaibo Aging Study. University de Bordeaux.
- 2018 Community Change to Support Alzheimer's Disease Care. Center for Community Health and Development, University of Kansas, Lawrence, Kansas.
- 2018 Competing Risks for Alzheimer's disease and Related Dementias among Hispanics, Featured Speaker, Alzheimer's Disease International Conference. Chicago, Illinois.
- 2018 Alzheimer's disease in Hispanics, Neurology Grand Rounds, University of Texas San Antonio.
- 2018 Innovation and discovery in gen-environment interactions, Pre-Congress National Meeting in Neuropsychology, Santa Cruz de La Sierra, Bolivia.
- 2018 Epidemiology of Alzheimer's disease in Latin America. Alzheimer's disease International Conference Satellite Symposium, Buenos Aires, Argentina.
- 2017 Target-organ damage in the Maracaibo Aging Study. V IDACO/IDHOCO Research Meeting, Shanghai, China.
- 2017 Gene-Environment Interaction and Alzheimer's disease in the Caribbean. XIII International Congress of Scientific Research, Santo Domingo, Dominican Republic.
- 2017 Implementation science to increase impact of Neuroscience. World Women in Neuroscience. Peru, Lima.
- 2016 Alzheimer's disease and related dementias in Latin America and teh Caribbean. 5th Dementia and Brain Health in Developing Countries, Nairobi, Kenya.
- 2016 Aging in Latin America, University of Gothenburg, Gothenburg, Sweden.

- 2016 Gene-Environment Interaction in Aging. 2nd. International Meeting on Health. Manzanillo, Mexico.
- 2015 Blood pressure and cognition among Latinos. Michigan State University, Epidemiology Seminar. East Lansing, USA.
- 2015 Cardiovascular risk factors, risk for Alzheimer's too? Peruvian Society of Neurosciences, Lima, Perú.
- 2015 Building capacity for dementia research and care in Latin America and the Caribbean. University of Antioquia, Neuroscience Lectureships, Medellín. Colombia.
- 2014 Building capacity for implementation science: Empowering researchers, policy makers, program implementers and communities. University of Miami, Grand Rounds, Dept. Public Health Sciences, Miami, USA.
- 2014 Diagnosis and Prevention of Cardiometabolic Disorders in Low- Resources Settings. University of Miami, Geriatrics and Palliative Grand Rounds, Geriatric Research, Education and Clinical Center, Miami, USA.
- 2014 Brain research in Latin America: Lessons from the Maracaibo Aging Study. University of Miami, Dept. Neurology, McKnight Research Seminar, Miami, USA.
- 2013 Prevention of Dementia in Developing Countries. Universidad Sur-Colombiana Neiva, Colombia.
- 2012 Diagnosis of dementia in Latin America and the Caribbean Plenary. Brain Aging and Dementia in developing Countries Meeting, Nairobi, Kenya.
- 2012 Challenges for genome research in elderly cohorts Asia-Pacific Symposium on Genome Epidemiology Cohorts. Seoul National University, Seoul, Korea.
- 2011 Cognition and ambulatory blood pressure in elderly, Hospital de Clinicas "Dr. Manuel Quintela." Montevideo, Uruguay.
- 2011 Education as a barrier to accurate diagnosis of dementia. Plenary, 3rd Latin American Meeting of the Dementia Research Group of the World Federation of Neurology, Buenos Aires, Argentina.
- 2011 Engaging minorities and special populations in dementia research Plenary, 26th International Conference of Alzheimer's Disease International, Toronto, Canada.
- 2011 Ambulatory blood pressure monitoring in elderly: Evidence from the Maracaibo Aging Study, Studies Coordinating Centre, KU Leuven, Belgium.
- 2010 Partnerships on aging between US and Latin America US-Chile Bi-National Meeting on Aging –NIH/NIA, Santiago, Chile.
- 2010 Neuroethics priorities in developing countries Panel Setting the Agenda for Global Brain Health and Neuroethics, Neuroethics Society, San Diego, CA, USA.
- 2009 Dementia Studies in developing countries, University of Puerto Rico, San Juan, Puerto Rico.
- 2009 Epidemiology of dementia in developing countries Speaker and Symposium Chair, International Psychogeriatric Association International Meeting Rio de Janeiro, Brazil

- 2009 High prevalence of dementia in relatively young Latin American population” diagnostic challenges, possible solutions and opportunities Plenary, International Conference on Alzheimer’s Disease Vienna, Austria.
- 2006 Neuroethics in developing countries. Social roundtable: Challenges in Global Neuroscience, Society for Neuroscience ,Atlanta, GA USA.
- 2006 Genetic research in Communities across cultures The Ethics of Genetics in Research: Perils and Promises National Conference, organized by Columbia University Center for Bioethics New York, NY USA.
- 2003 Establishing a memory unit in a developing country University of West Indies Port of Spain, Trinidad.
- 2002 Dementia research in developing countries Plenary, 7th Congress Neurodegenerative Disorders Montego Bay, Jamaica.

Conferences and Symposia Organized

- 2018 Alzheimer’s Talks. Cameron County, Texas. Role: Organizer.
- 2017 Interactive Workshop on International Opportunities for Research Funding Research, Santiago de los Caballeros, Dominican Republic.
- 2015 Meeting: “Science that matters: Empowering researchers in Latin America and the Caribbean”, July 07, Rio de Janeiro, Brazil.
- 2015 Workshop “Alzheimer’s Disease in Latin America and the Caribbean”, March 02 (Co-organized with Dr. Gloria Cardona), Medellín, Colombia.
- 1997-2014 *Symposia*: “Interdisciplinary Symposium of Alzheimer’s Disease,” Maracaibo, Venezuela with more than 1,000 attendees. Role: Chair. (18 editions)
- 1999-2005 *Satellite Workshop*: “Neuroscience in Developing Countries,” Society for Neuroscience Annual Meeting, 1999-2005 (co-organized with Dr. Gregory Quirk). (6 editions)
- 2005 *NIMH Workshop* “Building Collaborations for Autism Research in Latin America,” March 8-10, 2005 (co-organized with Dr. Steve Moldin, NIMH).
- 2009 *Conference* “Each Brain is one World,” IV Venezuelan Federation for Intellectual Disability Meeting, May 28-29, Maracaibo Venezuela. (1,000 attendees) Role: Chair.

TEACHING EXPERIENCE

Specific Courses at University of Texas Rio Grande Valley

- 2017-present Faculty, Mind, Brain and Behavior course for medical students. University of Texas Rio Grande Valley School of Medicine

Specific Courses at University of Zulia

- 1996-2016 Course director, **Psychiatric Neuroscience for Residents in Psychiatry**; 6 students/y

- 1998-2016 Course Director, **Genetics of Behavior** for Graduate Program in Genetics; 5 students/y.
- 2002-2012 **Community Health** for Medical Students, 6 students/y.
- 1996-2004 Course director, **Cardiovascular Genetics** for Graduate Program in Cardiovascular Diseases; 16 students/y
- 1989 **Cell Biology** for medical students; 45 students

International Courses Organized with sponsorship of the International Brain Research Organization (IBRO) (Main Coordinator/Director)

- 2003 **Cellular Neurobiology** Course, I Caribbean Neurobiology Course held in Maracaibo –Venezuela, June 02-06. 31 participants from Venezuela, Guatemala, Colombia, Costa Rica.
- 2004 **Cellular and Molecular Neurobiology** Course, II Caribbean Neurobiology Course, held in Maracaibo-Venezuela, June 6-12. 16 participants of Venezuela, Colombia, Trinidad, Cuba and Guatemala.
- 2005 **Brain-Environment Interaction** Course, I Caribbean Neuroscience School, III Caribbean Neurobiology Course, held in Maracaibo and Merida-Venezuela, June 26-July 08. 25 participants from Venezuela, Colombia, Cuba, Guatemala, Trinidad.
- 2006 **From Basic to Clinical Research in Neurodegeneration** Course, II Caribbean Neuroscience School, IV Caribbean Neurobiology Course, co-sponsored by and the National Institutes of Health. Held in Maracaibo-Venezuela, September 14-23. 19 participants from Venezuela, Colombia, Peru, Cuba and Puerto Rico.
- 2010, 2012 **Trauma and the Nervous System**, La Hispaniola School of Neuroscience, III Caribbean Neuroscience School, V Caribbean Neurobiology Course, co-sponsored by the National Institutes of Health. Held in Santiago de los Caballeros and Santo Domingo-Dominican Republic, September 30-October 09. 18 participants from Haiti and 5 from the Dominican Republic.

MENTORING EXPERIENCE

Mentored Thesis

- 2013- 2016 Mariela Bracho, Hb1Ac in prediabetics and lifestyle change, PhD, University of Zulia. Current Associate Professor at Unievrsity of Zulia
- 2012-2016 Thais Briceno, Homocysteine variations in elderly, PhD, University of Zulia. Current Assistant Professor at University of Zulia
- 2007-2009 Angelica Munoz, Anthropometry of elderly. MSc Universidad de Antioquia, Medellin –Colombia, current PhD student, Universidad de Antioquia, Medellin, Colombia.
- 2005 – 2007 Raima Rujano, Practices and knowledge of dementia in health professionals in Maracaibo, Venezuela, MSc at University of Zulia. Currently full Professor at University of Zulia.

- 2004-2007 Luis J. Mena, Blood pressure variability in the elderly. MSc, currently Associate Professor at Poly Technical Institute of Sinaloa, Mexico.
- 1999 – 2003 Gloria Pino-Ramirez Cognitive Assessment in the Maracaibo Aging Study. MSc at University Rafael Urdaneta, Maracaibo Venezuela, currently Full Professor at University of Zulia.
- 1998 -2001 Maryori Machado, Evaluation of the impact generated by the Program Day Centers in the health of participant elderly. Period 1997-2000. Magister Scientiarum in Social Development. Faculty of Economic and Social Sciences at University of Zulia, Maracaibo Venezuela.
- 1997- 2000 Aldrin E. Molero, Apolipoprotein E, cognitive, functional and dementia profile: Specific risk of polymorphisms by social and demographic characteristics on a population in Maracaibo. Doctor in Medical Sciences. University of Zulia, Maracaibo-Venezuela. Currently Assistant Professor at Albert Einstein College of Medicine.
- 1996 - 2000 Trino Baptista, Neurohormonal mechanisms in the effects of chronic administration of antipsychotic drugs on the body weight on male rats. PhD. Currently, Full Professor at Universidad de los andes in Merida, Venezuela.
- 2000 Belinda Hómez de Delgado. Replacement hormonal therapy on cognitive functioning during menopause. Dr. In Medicine.

Other Trainee Advisory Roles

- 2012-present Carmen Paz, PhD, Post Doctoral Fellow, Anthropology, University of Zulia
- 2011-present Jesus Melgarejo, Medical Student, University of Zulia. Current Post-Doc at University of Rosary in Bogotá Colombia.
- 2007-2009 Inara Chacon, MD, MSc, now Associate Professor of Genetics at University of Zulia.
- 2007-2008 Ney Alliey, MD, now Research Scientist at University of Chicago.
- 2006-2008 Beatriz Valles, EdD, now Professor at the Universidad Pedagógica El Libertador (UPEL) Caracas
- 2002-2005 Alicex Gonzalez-Marquez, MD, MSc, Associate Professor at Cardiology, University of Zulia,, Maracaibo.
- 2001-2002 2013 –present Raquel Zambrano, MSc, now Professor in Nutrition at University of Zulia
- 2000- 2002 Aldrin Molero, MD, PhD, now Instructor of Neurology, Albert Einstein College of Medicine, New York

PROFESSIONAL SERVICE

Grant Reviewer

- 2017-present Global Brain Atlantic Fellows
- 2009-2012 Society for Neuroscience
- 2010-2011 BUPA Foundation, London, UK

2008-2011	United Nations Millenium Program in Chile
2005-2011	NIH-FIC Special Emphasis ZRG1 ICP2-B (Brain Disorders in the Developing World)
2000-2008	The Alzheimer' s Association, USA
1999-2003	National Fund for Science and Technology, Venezuela

Scientific Reviewer

Hypertension
 Neuroepidemiology
 International Journal of Alzheimer's Disease
 International Journal of Bioethics
 Nutrition Journal
 International Psychogeriatrics
 Neuroscience
 Age & Aging
 Alzheimer's and Dementia
 Translational Psychiatry

Editorial Board

2009-present American Journal of Bioethics- Neuroscience
 2014 – present Dementia and Neuropsychology
 2015 –present Alzheimer' s Disease and Associated Disorders

Departmental and University Committees

2018 – 2019 Member, Search Committee for Chair for the Psychiatry and Neurology Departments, University of Texas Rio Grande Valley School of Medicine.
 2018- present Member, Admissions Committee, University of Texas Rio Grande Valley School of Medicine.
 2017 – present Member, Medical Student Evaluation and Promotion Committee (MSEPC), University of Texas Rio Grande Valley School of Medicine
 2017 Member, Commitee for Strategic Planning for the Clinical Enterprise, University of Texas Rio Grande Valley School of Medicine
 1996-2010 Chair, Committee for Specialized Human resources at Fundadesarrollo-University of Zulia
 1996-2008 Chair--Research Committee, Center for Cardiovascular Diseases, University of Zulia
 1997-2006 Chair--Departmental Committee on Bioethics of Genetics Research, Institute for Biological Research, University of Zulia
 1998-2008 Faculty Council of the Institute for Biological Research Institute | University of Zulia, Maracaibo Venezuela

OTHER PROFESSIONAL EXPERIENCE

PRACTICE OR PUBLIC HEALTH ACTIVITIES

1996 – 2014 **Memory Clinic at University of Zulia** in Maracaibo Venezuela. First in Latin America and the Caribbean, established in 1996 and has accumulated about 12.000 medical records.

CLINICAL OR PUBLIC HEALTH INNOVATIONS

1997 – present **Bi-weekly workshops for stimulation of patients with dementia.** Established in 1997 in Maracaibo, now replicated in Caracas and Porlamar, Venezuela, and Santa Cruz, Bolivia, and in Neiva, Colombia.

2004 – present **School of Caregivers of Elderly.** This is an educational initiative directed toward non-professional in-home caregivers, particularly family members. Since 2004, the School has had 40 participants per year.

2006 –present **Diabetes Prevention Program.** Following the educational curriculum of the Diabetes Prevention Program (DPP) and delivered by peers, this was the first program implemented in Latin America using the DPP curriculum.

2018 – present **Alzheimer's Ambassadors.** This is an educational initiative for high school students in Cameron County to promote Alzheimer's disease awareness.

2018 – present **NeuroArt.** This a joint initiative with Brownsville Museum of Fine Art to promote dissemination of neurosciences.

ADDITIONAL CLINICAL OR PUBLIC HEALTH SERVICE ACTIVITIES

1997 –present **Advocate for capacity building for dementia care in Latin America and the Caribbean.** I have established formal and informal partnerships. In 1997, I founded a nonprofit organization in Venezuela to mobilize community groups for advocacy and outreach.

2010 –present **Capacity building for brain health in Haiti.** In response to the earthquake in Haiti, I lead the Hispaniola School of Neuroscience, to support the training of psychiatrists, neurologists, and psychologists in brain health, particularly related to PTSD.

2017 – present **Senior Advocacy Coalition for better Aging in the Valley.**

PROFESSIONAL ASSOCIATIONS

1985-present Venezuelan Association for Advancement of Science
1989-present Venezuelan Medical Federation
1990-present Venezuelan Society for Neuroscience
1991-present American Association for the Advancement of Science
1991-present Society for Neuroscience
2013-2015 Latin American Training Group

2009-2014	Women in World Neuroscience
1991-present	New York Academy of Sciences
2008-present	International Neuroethics Society
2010-present	European Society of Hypertension
2013-present	International Society of Hypertension
2015 –present	International Epidemiological Association
2015-present	International Society to Advance Alzheimer's Research and Treatment (ISTAART)
2016-present	American Heart Association
2017-present	American Evaluation Association
2017-present	Association for Research in Vision and Ophthalmology (ARVO)

LANGUAGES

English: Advanced reading, writing, speaking

Spanish: Native

RESEARCH FUNDING

Pending

2019 GRANT12702847 Personal health monitoring system for ABPM in low resource settings. NIH.

Present Support

2018-2023 1 P30 AG059305-01 Rio Grande Valley Alzheimer's Resource Center for Minority Aging Research: Partnerships for Progress NIH/NIA \$2,500,000 Direct Costs.

2018-2020 1R21EY029605 The Hispanic Eye Study, Co-Principal Investigator NIH/NEI/FIC \$250,000 Direct Costs.

2011-2018 5R01AG036469 Gene-environment interaction in cognition in Venezuelan families, Co-Principal Investigator NIH/NIA/FIC \$2,500,000.00 Direct Costs

2016-2018 1R03AG054186-01 A longitudinal study of mid-to late-life blood pressure profiles as risk factors for Alzheimer's disease in Hispanics; Co-Principal Investigator. NIH USD 100,000 Direct Costs.

Past Support (5y)

2011-2017 LT10-342 Peer-led and Telehealth interventions for diabetes prevention in Maracaibo, Venezuela, Principal Investigator International Diabetes Foundation; USD \$340,058.00

2014-2016 Contract 200-2007-21095/00HCUCGC-2014-71749 National Diabetes Prevention Program Curricula development Project, Subcontract manager, Centers for Disease Control and Prevention; \$500,000.00

2002-2010 D43 TW06221-07 "Common Heritable Disorders in Venezuela," Role: Co-PI
(Gilliam, PI) NIH/NINDS/NIEHS/NIA/NHGRI/FIC' 1.907.849.00.

2003-2006 1 R21 ESO13108-03 "Gene-Environment in Cognition," Role: Co-PI (Gilliam (PI)
NIH/FIC/NIEHS; USD 274.295.00