

## CURRICULUM VITAE

### **1. PERSONAL INFORMATION**

- a. Name: Hermes Jose Florez, MD, MPH, PhD
- b. E-mail: [hflorez@med.miami.edu](mailto:hflorez@med.miami.edu); [hermes.florez@va.gov](mailto:hermes.florez@va.gov)
- c. Work phone: (305) 575-3388; Fax: (305) 575-3365.
- d. Home phone:
- e. Professional address: 1201 NW 16 Street. VA Medical Center (11 GRC), Miami, FL33125
- f. Home address:
- g. Current Academic Rank: Professor
- h. Current Track of Appointment: Tenured (Awarded June 1, 2012)
- i. Primary Department: Public Health Sciences
- j. Secondary Department: Medicine (Divisions of Geriatric Medicine and Endocrinology)
- k. Citizenship: US Citizen (Naturalized).

### **2. HIGHER EDUCATION**

#### **Institutional**

- a. Physician and Surgeon (M.D.); University of Zulia School of Medicine, Maracaibo– Venezuela; Feb 19, 1993.
- b. Master in Public Health (MPH); University of Miami School of Medicine, Miami - FL; May 8, 1998.
- c. Ph.D. in Epidemiology, University of Miami Miller School of Medicine, Miami - FL; June 23, 2006

#### **Non-Institutional**

- d. Clinical Research Fellowship in Biochemistry and Endocrinology: Clinical Research Institute, University of Zulia School of Medicine, Venezuela (3/1993 – 3/1995).
- e. Postgraduate Residency Training in Internal Medicine: Jackson Memorial Medical Center/ University of Miami School of Medicine (6/1998 – 6/2000)
- f. Postgraduate Fellowship Training in Endocrinology and Diabetes: Jackson Memorial Medical Center/ University of Miami School of Medicine (7/2000– 6/2002)
- g. Postgraduate Fellowship Training in Geriatric Medicine: Jackson Memorial Medical Center/ University of Miami School of Medicine (7/2003– 6/2004)
- h. Competency Development Leadership Training, Department of Veterans Affairs – Veterans Service Integrated Network 8 (10/2007 - 6/2008).
- i. Leadership Veterans Affairs (LVA) - Department of Veterans Affairs/ National Training (8/2012-8/2013).

#### **Certification and Licensure**

- j. Certification, Educational Commission for Foreign Medical Graduates: Certified in 1995
- k. American Board of Internal Medicine (Internal Medicine): Certified in 2001
- l. American Board of Internal Medicine (Endocrinology, Diabetes, and Metabolism): Certified in 2002
- m. American Board of Internal Medicine (Geriatric Medicine): Certified in 2006
- n. Florida Medicine License No. ME 86464 (renewed until January 31, 2019)

### **3. EXPERIENCE AND APPOINTMENTS**

#### **Academic Institutions**

- a. Research Assistant, University of Zulia School of Medicine, Clinical Research Institute, Section of Biochemistry & Endocrinology, Maracaibo - Venezuela (1/1988-12/1992).
- b. Instructor, University of Zulia School of Medicine, Clinical Research Institute, Section of Biochemistry & Endocrinology, Maracaibo - Venezuela (3/1993-3/1995).
- c. Assistant Professor, University of Zulia School of Medicine, Section of Biochemistry & Endocrinology, Maracaibo - Venezuela (3/1995-6/1998).
- d. Assistant Professor of Clinical Medicine, University of Miami Miller School of Medicine, Department of Medicine, Divisions of Endocrinology, Diabetes & Metabolism and Geriatric Medicine & Gerontology, Miami - FL (7/2004 – 5/2008)
- e. Clinical Investigator, University of Miami- Humana Health Service Research Center, Miami - FL (7/2005-6/2008)
- f. Associate Director, University of Miami Fellowship Training Program in Endocrinology, Diabetes & Metabolism (7/2005 – 6/2008)
- g. Visiting Faculty, University of Zulia School of Medicine, Postgraduate Training in Geriatrics and Research Programs on Diabetes Prevention, Maracaibo - Venezuela (7/2007 – present).
- h. Associate Professor of Medicine, University of Miami Miller School of Medicine, Department of Medicine, Divisions of Geriatric Medicine & Gerontology and Endocrinology, Diabetes and Metabolism, Miami - FL (6/2008- present)
- i. Associate Clinical Director, Geriatric Research, Education, and Clinical Center, Miami VA Health Care System (6/2008 – 10/2012)
- j. Acting Director, University of Miami Fellowship Training Program in Endocrinology, Diabetes & Metabolism (9/2009–7/2010)
- k. Co-Director, Advance Fellowship Training Program, Department of Veterans Affairs (1/2010 – present).
- l. Deputy Director, Geriatric Research, Education, and Clinical Center, Miami VA Health Care System (11/2011 – 10/2012)
- m. Division Director, Epidemiology, Department of Public Health Sciences, University of Miami Miller School of Medicine (6/2012- present)
- n. Interim Director, Geriatric Research, Education, and Clinical Center, Miami VA Health Care System (11/2012- 4/2014)
- o. Interim Chief, Division of Gerontology and Geriatric Medicine, University of Miami Miller School of Medicine (2/2013- 8/2015)
- p. Director, Geriatric Research, Education, and Clinical Center, Miami VA Health Care System (5/2014- present)

#### **Hospital Appointments**

- q. Physician, Hospital Concepción, La Cañada, Zulia, Venezuela (2/1993 – 2/1994)
- r. Associate Physician, Hospital Coromoto, Maracaibo, Zulia, Venezuela (3/1994-3/1995)
- s. Housestaff Physician, Jackson Memorial Hospital, Miami – FL (6/1998 – 6/2002)
- t. Senior Fellow – Instructor, Jackson Memorial Hospital/ University of Miami School of Medicine, Department of Medicine, FL (7/2002-6/2004)

- u. Staff Physician, Miami Veterans' Affairs (VA) Medical Center: Geriatric Research, Education, and Clinical Center and Endocrine Section, Miami - FL. (7/2004-present)
- v. Staff Physician, University of Miami Hospital and Clinics, Department of Medicine, Miami - FL (7/2004 – present)
- w. Staff Physician, Jackson Memorial Hospital, Miami - FL (7/2004 – present)
- x. Staff Physician, University of Miami Hospital, Endocrinology and Geriatrics (7/2008 – present)
- y. Staff Physician, Miami Jewish Home System, Miami – FL (7/2010 – 6/2015)

**Non-Academic: N/A**

**Military: N/A**

#### **4. PUBLICATIONS**

##### **Book Chapters and Monographs**

1. Goldberg R, **Florez H**: Calcium antagonists in the treatment of non-cardiovascular disorders. In: Calcium Antagonists in Clinical Medicine. M Epstein ed. Hanley & Belfus, Inc. Philadelphia, USA. pp. 359-366, 1998.
2. Goldberg R, **Florez H**: Effects of Calcium Antagonist in Lipids. In: Calcium Antagonists in Clinical Medicine. M Epstein ed. 3rd ed. Hanley & Belfus, Inc. Philadelphia, USA. Pp. 181-366, 2002.
3. **Florez H**, Marks J. Oral Agents and Insulin in Care of Older Adults with Diabetes. In: Geriatric Diabetes Eds. Munshi & Lipsitz. Informa Healthcare, New York, NY, USA pp. 283-291, 2007.
4. Luchsinger J, **Florez H**. Diabetes and Cognitive Impairment. In: Psychiatric Disorders & Diabetes Mellitus. M Llorente & J Malphurs ed. Informa Healthcare New York, NY, USA pp.41-52 2007.
5. **Florez H**, Castillo-Florez S. Diabetes en el Adulto Mayor: Estrategias de Tratamiento. En: La Salud de los Adultos Mayores. Ediciones Del Vice Rectorado Academico Universidad Del Zulia, pp 231-249, 2008
6. **Florez H**. Sanchez A, Marks J. Type 2 diabetes. In: Diabetes and the Brain. G Biessels & J Luchsinger. Humana Press, New York, pp 33-53, 2009.
7. Valencia W, Castillo-Florez S, Casanova-Romero, **Florez H**. Management of hypercholesterolemia in older adults. In Hyperlipidemia Management. S Barquera ed., Mexican Institute of Public Health, Cuernavaca, Mexico, pp 259-282, 2010.
8. Casanova-Romero P, **Florez H**. Assessment and management of hypertriglyceridemia. In Hyperlipidemia Management, S Barquera ed., Mexican Institute of Public Health, Cuernavaca, Mexico, pp 283-300, 2010
9. **Florez H**, Oropesa L, Valencia W, Andrade F, Castillo-Florez S. Diabetes in Older Adults, PAHO-PALTEX 2011, pp 223-243.
10. Cherniack EP, **Florez H**, Troen B. Impact of Vitamin D on the Aging Population. Translational Endocrinology & Metabolism PP 73-108, 2011.
11. **Florez H**, Ruiz J and Munshi M. Aging and diabetes mellitus, in International Textbook of Diabetes Mellitus, Fourth Edition, (eds R. A. DeFronzo, E. Ferrannini, P. Zimmet and K. G. M. M. Alberti), John Wiley & Sons, Ltd, Chichester, UK. 2015. doi: 10.1002/9781118387658.ch57
12. Nieto-Martínez R, González-Rivas JP, **Florez H**, Mechanick JI. Transcultural Endocrinology: Adapting Type-2 Diabetes Guidelines on a Global Scale. Endocrinol Metab Clin North Am. 2016; 45(4):967-1009.

### **Juried and Refereed Journal Articles**

1. Valbuena H, **Florez H**, Chacon N, et al.: Reliability in using Friedewald formula for calculation of atherosclerotic risk ratios. *Invest Clin.* 31: 177-188, 1990.
2. **Florez H**, Valbuena H, Ryder E, et al.: Dyslipidemias and hyperinsulinemia among normoglycemic-obese relatives of NIDDM patients. *Invest Clin.* 36: 131-148, 1995.
3. **Florez H**. Steps toward primary prevention in type 2 diabetes: epidemiological perspective. *Invest Clin.* 38: 39-52, 1997.
4. Morales LM, Semprum-Ferreira M, Ryder E, Valbuena H, Rincon E, Fernandez V, **Florez H**: Improved triglyceride control with low glycaemic index-high carbohydrate modified-lipid diet in a hypertriglyceridemic child. *Acta Paediatr* 86:7772-4, 1997.
5. **Florez H**, Casanova P: Changes in clinical trials: When patient well-being is paramount. *Invest Clin.* 39: 159-161, 1998.
6. **Florez H**, Mendez A, Jones L, Goldberg R.: Differences by gender and diabetic status in the relationship among apolipoprotein C-III, free fatty acids and triglycerides. *Invest Clin.* 40:51-66, 1999.
7. **Florez H**, Ryder E, Campos G, et al: Women relatives of hispanic patients with Type 2 diabetes are more prone to exhibit metabolic disturbances. *Invest Clin.* 40: 127-142, 1999.
8. **The Diabetes Prevention Program Research Group (Florez H, study group member)**: Design and methods for a clinical trial in the prevention of type 2 diabetes. *Diabetes Care* 22: 623-34, 1999.
9. **The Diabetes Prevention Program Research Group (Florez H, study group member)**: Baseline characteristics of the randomized cohort: *Diabetes Care* 23: 1619-29, 2000.
10. Goldberg RB, **Florez H**: Cardiovascular Disease in Diabetes: Prevention and Intervention. *Current Opinion in Endocrinology and Diabetes* 8:101-110, 2001.
11. **The Diabetes Prevention Program Research Group (Florez H, study group member)**: Reduction in the incidence of type 2 diabetes with lifestyle intervention or metformin. *N Engl J Med* 346:393-403, 2002.
12. **Florez H**, Silva E, Fernández V, Ryder E, Sulbaran T, Castillo-Florez S, Goldberg RB. Prevalence and Risk Factors Associated with the Metabolic Syndrome in White, Black, Amerindian and Mixed Hispanics in Zulia State, Venezuela. *Diab Res Clin Prac*; 69:63-77, 2005.
13. **Veterans Affairs Diabetes Trial Research Group (Florez H, study group member)**: Coronary artery and abdominal aortic calcification are associated with cardiovascular disease in type 2 diabetes. *Diabetologia*; 48: 379-85, 2005.
14. **Florez H**, Castillo-Florez S, Mendez A, Casanova-Romero P, Larreal-Urdaneta C, Lee D, Goldberg R: C-Reactive Protein Is Elevated in Obese Patients with the Metabolic Syndrome. *Diab Res ClinPrac* 71:92-100, 2006
15. **Florez H**, Mendez A, Casanova-Romero P, Larreal C, Castillo-Florez S, Lee D, Goldberg R. Increased apolipoprotein C-III levels associated with insulin resistance contribute to dyslipidemia in normoglycemic and diabetic subjects from a tri-ethnic population. *Atherosclerosis* 188:134-41, 2006.
16. **Florez H**, Goldberg R. Metabolic Syndrome Revisited. *International Diabetes Monitor* 18:1-8, 2006

17. Meneghini LF, Spadola J, **Florez H**. Prevalence and associations of binge eating disorder in a multiethnic population with type 2 diabetes. *Diabetes Care*. 29: 2760, 2006.
18. **Diabetes Prevention Program Research Group (Florez H, study group member)**. The influence of age on the effects of lifestyle modification and metformin in prevention of diabetes. *J Gerontol A BiolSci Med Sci.*; 61: 1075-81, 2006
19. **Florez H**, Martinez R, Chacra W, Strickman-Stein N, Levis S. Outdoor Exercise Reduces the risk of hypovitaminosis D in the Obese. *J Steroid Biochem & Mol Biology* 103:679-81, 2007
20. Ryder E, Silva E, Sulbaran T, Fernandez V, Campos G, Calmon G, Clavell E, Raleigh X, and **Florez H**. Black Hispanics have a worse cardiovascular risk profile than mixed Hispanics in Venezuela. *Invest Clin*; 48:45-55, 2007.
21. **Florez H**. Prospective studies confirm that thiazide diuretics and beta-blockers increase diabetes risk. *International Diabetes Monitor*; 19:32-33, 2007.
22. Meneghini LF, **Florez H**, Tamariz L. The Avandia Debacle: Methodology and Practical Importance of the Findings. *Southern Medical Journal* 100:1062-63, 2007
23. Dang S, Ma F, Nedd N, **Florez H**, Aguilar E, Roos BA. Care coordination and telemedicine improves glycaemic control in ethnically diverse veterans with diabetes. *J Telemed Telecare*. 13: 263-267, 2007
24. Cherniack EP, **Florez H**, Troen BR. Emerging therapies to treat frailty syndrome in the elderly. *Altern Med Rev* 12:246-258, 2007
25. **Diabetes Prevention Program Research Group (Florez H, study group member)**. Body size and shape changes and the risk of diabetes in the diabetes prevention program. *Diabetes*. 56:1680-5, 2007.
26. **Diabetes Prevention Program Research Group (Florez H, study group member)**. The prevalence of retinopathy in impaired glucose tolerance and recent-onset diabetes in the Diabetes Prevention Program. *Diabet Med.*; 24: 137-44, 2007.
27. Cherniack EP, Ceron-Fuentes J, **Florez H**, Sandals L, Rodriguez O, Palacios JC. Influence of race and ethnicity on alternative medicine as a self-treatment preference for common medical conditions in a population of multi-ethnic urban elderly. *Compl Ther Clin Practice*; 14:116-23, 2008.
28. **Florez H**, Troen BR. Fat and inflammaging: A dual path to unfitness in elderly people? *J Am Geriat Soc*; 56:558-60, 2008.
29. **Diabetes Prevention Program Research Group (Florez H, study group member)**. Relation of central adiposity and body mass index to the development of diabetes in the Diabetes Prevention Program. *Am J Clin Nutr.*; 87: 1212-8, 2008
30. **Diabetes Prevention Program Research Group (Florez H, study group member)**. Elevated depression symptoms, antidepressant medicine use, and risk of developing diabetes during the diabetes prevention program. *Diabetes Care*; 31: 420-6, 2008.
31. **Veterans Affairs Diabetes Trial Research Group (Florez H, study group member)**: Proliferative diabetic retinopathy in type 2 diabetes is related to coronary artery calcium in the Veterans Affairs Diabetes Trial (VADT). *Diabetes Care*; 31: 952-7, 2008.
32. **Florez H**, Palacio A, Tamariz L. Metabolic syndrome, diabetes and cardiovascular diseases: a serious link. *Diabetes Voice*; 53: 21-24, 2008.
33. **Diabetes Prevention Program Research Group (Florez H, study group member)**: Extension of type 2 diabetes genome-wide association scan results in the diabetes prevention program. *Diabetes*; 57:2503-10, 2008

34. Cherniack EP, **Florez H**, Roos BA, Troen BR, Levis S. Hypovitaminosis D in the elderly: from bone to brain. *J NutrHealthAging*;12: 366-73, 2008.
35. **Florez H**. Diabetes Risk Engine with Clinical Variables. *International Diabetes Monitor*; 20: 119-120, 2008.
36. **Diabetes Prevention Program Research Group (Florez H, study group member)**:First versus repeat treatment with a lifestyle intervention program: attendance and weight loss outcomes. *Int J Obes*; 32:1537-44, 2008.
37. **Diabetes Prevention Program Research Group (Florez H, study group member)**:Prevention of diabetes in women with a history of gestational diabetes: effects of metformin and lifestyle interventions. *J Clin Endocrinol Metab.*; 93: 4774-9, 2008.
38. **Diabetes Prevention Program Research Group (Florez H, study group member)**: Changes in health state utilities with changes in body mass in the Diabetes Prevention Program. *Obesity*;17:2176-81, 2009.
39. **Veterans Affairs Diabetes Trial Research Group (Florez H, study group member)**: Glucose control and vascular complications in veterans with type 2 diabetes. *N Engl J Med.*; 360:129-39, 2009.
40. **Diabetes Prevention Program Research Group(Florez H, study group member)**: Changes in Albumin Excretion in the Diabetes Prevention Program. *Diabetes Care*; 32:720-5, 2009.
41. Cherniack EP, Troen BR, **Florez HJ**, Roos BA, Levis S. Some new food for thought: the role of vitamin D in the mental health of older adults. *Curr Psychiatry Rep.*;11:12-9, 2009.
42. Levis S, Cherniack EP, **Florez H**, Roos BA, Troen BR. Vitamin D supplementation in older persons: benefits and requirements. *Aging Health*; 5:701-709, 2009.
43. **Veterans Affairs Diabetes Trial Research Group (Florez H, study group member)**: Comparison of dilated fundus examinations with seven-field stereo fundus photographs in the Veterans Affairs Diabetes Trial. *J Diabetes Complications*; 23: 323-9, 2009
44. **Veterans Affairs Diabetes Trial Research Group (Florez H, study group member)**: Association between IL-6 and the extent of coronary atherosclerosis in the veterans affairs diabetes trial (VADT). *Atherosclerosis*; 203:610-4, 2009.
45. **Diabetes Prevention Program Research Group(Florez H, study group member)**. 10-year follow-up of diabetes incidence and weight loss in the Diabetes Prevention Program Outcomes Study. *Lancet*; 374:1677-86, 2009.
46. **Veterans Affairs Diabetes Trial Research Group (Florez H, study group member)**: Intensive glucose-lowering therapy reduces cardiovascular disease events in veterans affairs diabetes trial participants with lower calcified coronary atherosclerosis. *Diabetes*; 58: 2642-8, 2009.
47. **Diabetes Prevention Program Research Group (Florez H, study group member)**. Effects of Metformin and Weight Loss on Serum Alanine Aminotransferase Activity in the Diabetes Prevention Program. *Obesity* 18:1762-7, 2010
48. **Florez H**, Luo J, Castillo-Florez S, Mitsi G, Hanna J, Tamariz L, Palacio A, Nagendran S, Hagan M. Impact of metformin-induced gastrointestinal symptoms on quality of life and adherence in patients with type 2 diabetes. *Postgrad Med.*; 122: 112-20, 2010.
49. Tamariz L, Palacio A, Yang Y, Parris D, Ben-Joseph R, **Florez H**. Health Economics Perspective of the Components of the Cardiometabolic Syndrome. *J ClinHypertens*12: 549-55, 2010.

50. Cycloset Trial Research Group (**Florez H**, study group member). Randomized Clinical Trial of Quick Release-Bromocriptine among Patients with Type 2 Diabetes on Overall Safety and Cardiovascular Outcomes. *Diabetes Care* 33: 1503-8, 2010
51. Golden AG, Ma Q, Nair V, **Florez HJ**, Roos BA. Risk for fractures with centrally acting muscle relaxants: an analysis of a national Medicare Advantage claims database. *Ann Pharmacother.* 44:1369-75, 2010
52. **Diabetes Prevention Program Research Group (Florez H**, study group member). Antidepressant medicine use and risk of developing diabetes during the diabetes prevention program and diabetes prevention program outcomes study. *Diabetes Care* 33: 2549-51, 2010.
53. Davila EP, **Florez H**, Fleming LE, Lee DJ, Goodman E, Leblanc WG, Caban-Martinez AJ, Arheart KL, McCollister KE, Christ SL, Clark JC 3rd, Clarke T. Prevalence of the Metabolic Syndrome among US Workers. *Diabetes Care* 33:2390-5, 2010.
54. Dang S, Sanchez A, Roos BA, Oropesa L, **Florez H**. Telehealth-Assisted Care Coordination of Older Veterans with Type 2 Diabetes Lowers Coronary Heart Disease Risk Despite Clinical Inertia. *Diabetes Technology and Therapeutics* 12: 995-1001, 2010.
55. Dahn JR, Fitzpatrick SL, Llabre MM, Apterbach GS, Helms RL, Cugnetto ML, Klaus J, **Florez H**, Lawler T. Weight Management for Veterans: Examining Change in Weight Before and After MOVE!. *Obesity* 19:977-81, 2011.
56. Davila EP, **Florez H**, Trepka MJ, Fleming LE, Niyonsenga T, Lee DJ, Parkash J. Long work hours is associated with suboptimal glycemic control among US workers with diabetes. *Am J Ind Med.* 54:375-83, 2011.
57. Cherniack EP, **Florez HJ**, Hollis BW, Roos BA, Troen BR, Levis S. The Response of Elderly Veterans to Daily Vitamin D3 Supplementation of 2,000 IU: A Pilot Efficacy Study. *J Am Geriatr Soc* 59:286-90, 2011
58. **Global Burden of Metabolic Risk Factors of Chronic Diseases Collaborating Group (Florez H**, study group member). National, regional, and global trends in serum total cholesterol since 1980: systematic analysis of health examination surveys and epidemiological studies with 321 country-years and 3.0 million participants. *Lancet* 377: 578-86, 2011.
59. Davila EP, **Florez H**, Trepka MJ, Fleming LE, Niyonsenga T, Lee DJ, Parkash J. Strict glycemic control and mortality risk among US adults with type 2 diabetes. *J Diabetes Complications.* 2011; 25: 289-91.
60. Galor A, Feuer W, Lee DJ, **Florez H**, Carter D, Pouyeh B, Prunty WJ, Perez VL. Prevalence and risk factors of dry eye syndrome in a United States veterans affairs population. *Am J Ophthalmol.* 2011;152:377-384.e2.
61. **Florez H**, Troen B. Does vitamin D status influence the risk of diabetes and play a role in healthier aging? *J Am Geriatr Soc* 2011; 59:1957-9
62. **Diabetes Prevention Program Research Group (Florez H**, study group member). TCF7L2 polymorphism, weight loss and proinsulin: insulin ratio in the diabetes prevention program. *PLoS One.* 2011;6:e21518.
63. **Diabetes Prevention Program Research Group (Florez H**, study group member). Menopause and risk of diabetes in the Diabetes Prevention Program. *Menopause.* 2011; 18: 857-68.

64. **Florez H**, Ma Y, Crandall J, Perreault L, Marcovina SM, Bray GA, Saudek CD, Barrett-Connor E, Knowler WC. Parental longevity and diabetes risk in the Diabetes Prevention Program. *J Gerontology Medical Science* 2011; 66:1211-7.
65. **Florez H**, Scranton R, Farwell WR, DeFronzo RA, Ezrokhi M, et al. Randomized Clinical Trial Assessing the Efficacy and Safety of Bromocriptine- QR when Added to Ongoing Thiazolidinedione Therapy in Patients with Type 2 Diabetes Mellitus. *J Diabetes Metab* 2011; 2:142.
66. **Veterans Affairs Diabetes Trial Research Group (Florez H, study group member)**: The duration of diabetes affects the response to intensive glucose control in type 2 subjects: the VA Diabetes Trial. *J Diabetes Complications*. 2011; 25: 355-61.
67. Pouyeh B, Viteri E, Feuer W, Lee DJ, **Florez H**, Fabian JA, Perez VL, Galor A. Impact of Ocular Surface Symptoms on Quality of Life in a United States Veterans Affairs Population. *Am J Ophthalmol*. 2012 (in press)
68. **Diabetes Prevention Program Research Group (Florez H, study group member)**. Genetic predictors of weight loss and weight regain after intensive lifestyle modification, metformin treatment, or standard care in the Diabetes Prevention Program. *Diabetes Care*. 2012; 35: 363-6.
69. Galor A, Feuer W, Lee DJ, **Florez H**, Faler AL, Zann KL, Perez VL. Depression, Post-traumatic Stress Disorder, and Dry Eye Syndrome: A Study Utilizing the National United States Veterans Affairs Administrative Database. *Am J Ophthalmol*. 2012 (in press)
70. **Florez H**, Pan Q, Ackermann R, Marrero DG, Barrett-Connor E, Delahanty L, Kriska A, Saudek CD, Goldberg RB, Rubin RR. Impact of Lifestyle Intervention and Metformin on Health-Related Quality of Life: the Diabetes Prevention Program Randomized Trial. *J Gen Intern Med* 2012; 27(12):1594-1601.
71. **Diabetes Prevention Program Research Group (Florez H, study group member)**. Effect of regression from prediabetes to normal glucose regulation on long-term reduction in diabetes risk: results from the Diabetes Prevention Program Outcomes Study. *Lancet*. 2012; 379: 2243-51.
72. **Florez H**, Castillo-Florez S. Beyond the obesity paradox in diabetes: fitness, fatness, and mortality. *JAMA*. 2012; 308: 619-20.
73. **Diabetes Prevention Program Research Group (Florez H, study group member)**. Effects of genetic variants previously associated with fasting glucose and insulin in the Diabetes Prevention Program. *PLoS One*. 2012;7(9):e44424. doi: 10.1371
74. **Diabetes Prevention Program Research Group (Florez H, study group member)**. Genetic modulation of lipid profiles following lifestyle modification or metformin treatment: the Diabetes Prevention Program. *PLoS Genet*. 2012;8(8):e1002895.
75. **Diabetes Prevention Program Research Group (Florez H, study group member)**. The C allele of ATM rs11212617 does not associate with metformin response in the Diabetes Prevention Program. *Diabetes Care* 2012;35(9):1864-7.
76. Sue Kirkman M, Briscoe VJ, Clark N, **Florez H**, Haas LB, Halter JB, Huang ES, Korytkowski MT, Munshi MN, Odegard PS, Pratley RE, Swift CS. Diabetes in Older Adults: A Consensus Report. *J Am Geriatr Soc*. 2012 (in press)
77. Sue Kirkman M, Briscoe VJ, Clark N, **Florez H**, Haas LB, Halter JB, Huang ES, Korytkowski MT, Munshi MN, Odegard PS, Pratley RE, Swift CS. Diabetes in Older Adults: A Consensus Report *Diabetes Care*. 2012; 35(12):2650-64



78. Venincasa VD, Galor A, Feuer W, Lee DJ, **Florez H**, Venincasa MJ. Long-term effects of cataract surgery on tear film parameters. *Scientific World Journal*. 2013 (in press)
79. Galor A, Feuer W, Lee DJ, **Florez H**, Venincasa VD, Perez VL. Ocular surface parameters in older male veterans. *Invest Ophthalmol Vis Sci*. 2013; 54: 1426-33
80. **Diabetes Prevention Program Research Group (Florez H, study group member)**. Long-term effects of the Diabetes Prevention Program interventions on cardiovascular risk factors: a report from the DPP Outcomes Study. *Diabet Med*. 2013; 30:46-55
81. **Global Burden of Metabolic Risk Factors of Chronic Diseases Collaborating Group (Florez H, study group member)**. The global cardiovascular risk transition: associations of four metabolic risk factors with national income, urbanization, and Western diet in 1980 and 2008. *Circulation*. 2013; 127:1493-50.
82. **Diabetes Prevention Program Research Group (Florez H, study group member)**. Confirming glycemic status in the diabetes prevention program: implications for diagnosing diabetes in high risk adults. *J Diabetes Complications*. 2013; 27:150-7.
83. Fernandez CA, Galor A, Arheart KL, Musselman DL, Venincasa VD, **Florez HJ**, Lee DJ. Dry Eye Syndrome, Posttraumatic Stress Disorder, and Depression in an Older Male Veteran Population. *Invest Ophthalmol Vis Sci*. 2013; 54: 3666-72.
84. Marrero D, Pan Q, Barrett-Connor E, de Groot M, Zhang P, Percy C, **Florez H**, Ackermann R, Montez M, Rubin RR. Impact of diagnosis of diabetes on health-related quality of life among high risk individuals: the Diabetes Prevention Program outcomes study. *Qual Life Res*. 2014; 23:75-88.
85. **Diabetes Prevention Program Research Group. (Florez H, study group member)**. Short and long-term lifestyle coaching approaches used to address diverse participant barriers to weight loss and physical activity adherence. *Int J Behav Nutr Phys Act*. 2014 Feb 12;11:16
86. Modi YS, Qurban Q, Zlotcavitch L, Echeverri RJ, Feuer W, **Florez H**, Galor A. Ocular surface symptoms in veterans returning from operation Iraqi freedom and operation enduring freedom. *Invest Ophthalmol Vis Sci*. 2014;55(2):650-3.
87. **Diabetes Prevention Program Research Group. (Florez H, study group member)**. Circulating natriuretic peptide concentrations reflect changes in insulin sensitivity over time in the Diabetes Prevention Program. *Diabetologia*. 2014; 57: 935-9
88. **Florez H**, Temprosa MG, Orchard TJ, Mather KJ, Marcovina SM, Barrett-Connor E, Horton E, Saudek C, Pi-Sunyer XF, Ratner RE, Goldberg RB; for the Diabetes Prevention Program Research Group. Metabolic syndrome components and their response to lifestyle and metformin interventions are associated with differences in diabetes risk in persons with impaired glucose tolerance. *Diabetes Obes Metab*. 2014; 16: 326-33.
89. **Diabetes Prevention Program Research Group (Florez H, study group member)**. Common variation at PPARGC1A/B and change in body composition and metabolic traits following preventive interventions: the Diabetes Prevention Program. *Diabetologia* 2014; 57(3):485-90.
90. Galor A, Gardener H, Pouyeh B, Feuer W, **Florez H**. Effect of a Mediterranean dietary pattern and vitamin D levels on Dry Eye syndrome. *Cornea*. 2014;33(5):437-41.
91. **Global Burden of Metabolic Risk Factors of Chronic Diseases Collaborating Group (Florez H, study group member)**. Cardiovascular disease, chronic kidney disease, and diabetes mortality burden of cardiometabolic risk factors from 1980 to 2010: a comparative risk assessment. *Lancet Diabetes Endocrinol*. 2014; 2(8):634-47.

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93. Valencia WM, Stoutenberg M, **Florez H.** Weight loss and physical activity for disease prevention in obese older adults: an important role for lifestyle management. *Curr Diab Rep.* 2014; 4(10):539.
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- Prediabetes in Maracaibo, Venezuela. American Heart Association – Cardiovascular Epidemiology Conference, 2012.
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  68. **Florez H**, Bahn G, Ge, L, Reaven P, Valencia WM, Reda D. Impact of glycemic control on quality of life in older adults with type 2 diabetes. Annual Meeting of the American Geriatrics Society, 2016

## **5. PROFESSIONAL**

### **Funded Research**

#### ***On-going:***

1. NIH/NIDDK U01PAR-11-157 (PI H Florez/ J Marks) "Glycemic Reduction Approaches in Diabetes: A Comparative Effectiveness (GRADE) Study". This multi-center randomized clinical trial in patients with recent-onset type 2 diabetes will compare the metabolic effects of four common anti-diabetic drugs (sulfonylurea glimepiride, the DPP-4 inhibitor sitagliptin, the GLP-1 agonist liraglutide and the basal insulin glargine) when combined with metformin. (8/2012 - 7/2017) (Total \$2,465,933).
2. Department of Veterans' Affairs CSP-G002 (PI: H Florez) The Million Veteran Program: The main goal is to better understand how genes affect health and illness in order to improve health care for veterans. The Miami site will enroll 20,000 South Florida Veterans over the next 5-7 years. This large cohort will allow the investigation of gene-environment (lifestyle) interaction, genome-wide associations, pharmacogenomics, and nutrigenomics, which ultimately will result in better ways to prevent, detect, and treat disease (5/2011-4/2018) (Total: \$1,013,649).

#### ***Completed***

1. American Heart Association, Grant in-aid AHA # 9950822V (PI: R Goldberg). Role: Co-Investigator. "The role of apolipoprotein C-III in dyslipidemias associated with insulin resistance" (7/1/99- 12/31/2002)
2. American Heart Association, Postdoctoral Research Fellowship Grant AHA # 0020337B.(PI: H Florez) "Roles of hepatic lipase and apolipoprotein C-III in the dyslipidemia of insulin resistance (7/1/00 – 6/30/2003)
3. NIH/NIDDK IUO1 DK48434 (PI: R Goldberg). Role: Co-Investigator. "NIDDM Primary Prevention Trial (DPP)". The major goal of this randomized clinical trial was to investigate whether type 2 diabetes can be prevented by means of lifestyle or medication interventions. (8/20/94 –11/30/02)

4. Pan American Health Organization (PAHO) Grant RC/RG-T/VEN/3201. (PI: H Florez). “Prevalence and genetic polymorphism associated with dyslipidemia and subclinical inflammation in patients with the metabolic syndrome in Maracaibo, Venezuela” (7/1/2003- 6/30/05)
5. VA MAVERIC. “The Cycloset Trial”. (PI: H Florez). This is a research study in subjects with type 2 diabetes receiving usual diabetes therapy consisting in either diet, oral hypoglycemic agents (OHA’s, no more than 2) or insulin (with or without no more than 1 OHA) plus either Placebo or bromocriptine (Cycloset), to determine: (1) Whether add-on therapy with Cycloset® results in all-cause rate of serious adverse events, which is as low as or lower than add-on therapy with Placebo. (2) Whether add-on therapy with Cycloset® results in disease-specific rate of serious cardiovascular adverse events, which is as low as or lower than add-on therapy with Placebo. (3) The impact of Cycloset® on HbA1c, fasting plasma glucose and lipids, weight and waist circumference, blood pressure and patient tolerability after 12 months of therapy. (3/2005 - 6/2007)
6. Department of Veterans’s Affairs. CSP #465 (PI: J Marks) Role: Co-Investigator. “Veterans’ Affairs Glycemic Control and Complications in Diabetes Mellitus Type 2 Clinical Center”. The aim is to assess the effects of two intensities of glucose control on the development of macrovascular complications in individuals with type 2 diabetes. (7/2000-6/2008)
7. NIH/NIDDK DK01 0500 (PI: R Goldberg). Role: Co-Investigator. “The Diabetes Prevention Program Outcomes Study (DPPOS)”. The DPPOS will the long-term effects of active DPP interventions (lifestyle versus metformin treatment) on (a) the development of diabetes during a further 5-10 years of follow-up, as was done during the prior DPP; (b) the development of composite diabetes-related microangiopathic and cardiovascular disease outcomes; (c) individual health outcomes and the roles of their established or putative risk factors; and (d) the costs and cost-utility associated with delay or prevention of diabetes. (12/01/02 – 11/30/08)
8. Humana Innovations. “Cardiovascular Risk Reduction –Metabolic Syndrome”. (PI: H Florez) This study evaluates the value of assessing cluster of cardio-metabolic risk factors identified from administrative/claims data (7/2005- 12/2008)
9. University of Miami- Stanley J Glaser Science Award. (PI: H Florez) “Inflammation and Endothelial Progenitor Cells in Subjects at Risk for Diabetes”. This study evaluates the relationship of inflammatory biomarkers and components of the metabolic syndrome with circulating endothelial progenitor cells in subjects at risk for type 2 diabetes (7/2008- 6/2009).
10. Pan American Health Organization. PAHO RG-T-VEN-3224/ Venezuelan National Science Foundation (PI: V Stepenka) Role: Co-Principal Investigator. “Strategies to implement Diabetes prevention in the Venezuelan Population”. This is a clinical trial to implement the lifestyle interventions from the Diabetes Prevention Program in the Clinical Setting in Zulia, State Venezuela (1/2006 – 12/2010).
11. University of Miami- Clinical Translation Science – K12 grant (PI: H Florez) “Functional Decline across Treatment Groups in the Diabetes Prevention Program”. This study evaluates whether intentional weight loss and increased physical activity in subjects with prediabetes decrease their risk of functional decline (7/2008-6/2011).

12. National Institutes of Health. (1R18AE000049-01). (PI: H Florez). "Peer-led and Telehealth CER Adoption for Diabetes Prevention and Management" In a randomized controlled trial in South Florida older adults with prediabetes or diabetes participating in the Healthy Aging Regional Collaborative we will 1) Compare changes in self-efficacy between participants receiving peer-led care (with or without TechnAlert-Peer or TAP intervention) and those receiving usual care (UC), 2) Compare changes in weight and hemoglobin A1c between participants receiving peer-led care (with or without TAP intervention) and those receiving UC (9/2010- 8/2013)
13. International Diabetes Federation - Bringing Research In Diabetes to Global Environments and Systems LT10-342 (PI H Florez/ G Maestre). Peer-led Telehealth Interventions for Diabetes Prevention in Maracaibo, Venezuela (11/2011 – 10/2016)
14. Department of Veterans' Affairs CSR-D-Epidemiology (PI AGalor) "The scope of dry eye syndrome (DES) in the VHA population" Role: Primary Mentor. This study will evaluate the prevalence, morbidity, risk and protective factors, and severity of DES among older veterans. (10/2010-9/2015)
15. Health Foundation of South Florida/ AoA/CDC (PI:H Florez) "Enhances Fitness in Older Veterans". This study will evaluate with the metabolic, physiologic and functional benefits of an evidence-based exercise strategy in overweight/obese older veterans at the Miami VA Healthcare System (11/2008-10/2014)
16. NIH/NIDDK: The Diabetes Prevention Program Outcomes Study (DPPOS). Role: Leader of Physical Function Core. The DPPOS will evaluate in the ex-participants of the Diabetes Prevention Program (DPP) study the long-term effects of active DPP interventions (lifestyle versus metformin treatment) on (a) the development of diabetes during a further 5-10 years of follow-up, as was done during the prior DPP; (b) the development of composite diabetes-related microangiopathic and cardiovascular disease outcomes; (c) individual health outcomes and the roles of their established or putative risk factors; and (d) the costs and cost-utility associated with delay or prevention of diabetes. (3/2009 – 2/2015)
17. Department of Veterans' Affairs. CSP #465 (PI: J Marks) "Veterans' Affairs Diabetes Trial – Follow-up Study". Role: Co-PI. The aim is to assess the long-term effects of two intensities of glucose control on cardiovascular and other health outcomes in individuals with type 2 diabetes. (7/2008-6/2015)

### **Proposals Submitted:**

1. NIH/NIDDK U01 (PI H Florez) "Glycemic Reduction Approaches in Diabetes: A Comparative Effectiveness (GRADE) Study". This multi-center randomized clinical trial in patients with recent-onset type 2 diabetes will compare the metabolic effects of four common anti-diabetic drugs (sulfonylurea glimepiride, the DPP-4 inhibitor sitagliptin, the GLP-1 agonist liraglutide and the basal insulin glargine) when combined with metformin. (8/2017 - 7/2022) (\$2,576.805).

2. NIH/NIA U19 (PIs H Florez/A Palacio) “Targeting Aging with Metformin (TAME)”. The overall hypothesis is that by targeting the biology of aging, the onset of age-related diseases and other phenotypes of aging in humans can be delayed. TAME is a double blind placebo-controlled randomized trial of metformin in a diverse population of approximately men and women without diabetes, age 65-80 years. It will determine if metformin prevents the accumulation of multiple age-related diseases and other aging phenotypes, thereby increasing health span (10/1/17-9/30/22) (\$3,194,456).
3. NIH/NIMHHD U-54 (PIs R Jove- NSU/ G Howard & H Florez Miami VA/GRECC - SFVAFRE) “South Florida Research Center in Minority Institution (RCMI)” The RCMI goals are to: 1) enhance institutional research capacity within the areas of basic biomedical, behavioral, and/or clinical research; 2) enable all levels of investigators to become more successful in obtaining competitive extramural support, especially from NIH, particularly for research on diseases that disproportionately impact minority and other health disparity populations; 3) foster environments conducive to career enhancement with a special emphasis on development of new and early career investigators; 4) enhance the quality of all scientific inquiry and promote research on minority health and health disparities; 5) establish sustainable relationships with community-based organizations that will partner with the RCMI institution (9/1/2017-8/31/22) (\$8,560,641)

### **Editorial Responsibilities**

1. Reviewer for *Investigacion Clinica*, 1997- 2009 (Ad Hoc)
2. Reviewer for *Diabetes Research and Clinical Practice*, 2002-2010 (Ad Hoc)
3. Reviewer for *Journal of the American Geriatrics Society*, 2005-2014 (Ad Hoc)
4. Reviewer for *Journal of Diabetes Complications*, 2006-2012 (Ad Hoc)
5. Reviewer for *Atherosclerosis*, 2006 – 2010 (Ad Hoc)
6. Reviewer for *Journal of American Medical Association*, 2006- present (Ad Hoc)
7. Associate Editor for *International Diabetes Monitor*, 2006-2012
8. Reviewer for *American Journal of Epidemiology*, 2009 – present (Ad Hoc)
9. Reviewer for *Journal of Gerontology*, 2009 – present (Ad Hoc)
10. Reviewer for *Public Health de Mexico*, 2009- present (Ad Hoc)
11. Member of the Editorial Board *Journal of Geriatric Cardiology*, 2010 - present
12. Member of the Editorial Board for *Investigacion Clinica*, 2010-present
13. Reviewer for *Diabetes Care*, 2011 – present (Ad Hoc)
14. Reviewer for *Osteoporosis International*, 2013 – present (Ad Hoc)
15. Review for *Journal of Clinical Endocrinology & Metabolism*, 2013 – present (Ad Hoc)

### **Professional Organization Membership**

- a. Venezuelan College of Physicians
- b. American Heart Association, Council of Atherosclerosis
- c. American College of Physician – American Society of Internal Medicine
- d. American Geriatric Society
- e. American Diabetes Association

### **Honors and Awards**

- a. Award as the “best student at the University of Zulia School of Medicine”. Maracaibo, Venezuela (1985).
- b. Award as the “best human Physiology student” at the University of Zulia School of Medicine. Maracaibo, Venezuela (1986).
- c. Clinical Science Award by the Latin American Scientific Society of Medical Students. Lima, Perú (1989).
- d. Award of Academic Merit by the Venezuelan Government (Secretary of Family Affairs). Caracas, Venezuela (1991).
- e. Summa Cum Laude at the University of Zulia School of Medicine. Maracaibo, Venezuela (1993).
- f. “Outstanding Young Man” in Zulia (Venezuela)” for Academic Achievements. Maracaibo, Venezuela (1994).
- g. Certificate of appreciation by the National Institutes of Health (Division of Diabetes, Endocrinology and Metabolic Diseases) for participation during the planning phase of the Diabetes Prevention Program (1996).
- h. Award for Outstanding Internal Medicine Presentation in the Eastern Student Research Forum at the University of Miami School of Medicine. Miami, Florida (1998).
- i. Award of Scientific Merit by the President of Venezuela. Caracas, Venezuela (1998).
- j. Award of Academic Merit for academic excellence by the University of Miami Graduate School. Miami, Florida (1998).
- k. Research Award by the Venezuelan Secretary of Scientific Affairs. Caracas, Venezuela (1999).
- l. Award for best Internal Medicine Resident Presentation/Project at Jackson Memorial Medical Center/ University of Miami School of Medicine. Miami, Florida (2000)
- m. Member of the Alpha Epsilon Lambda (Honorary Society) at the University of Miami. Miami, Florida (2001)
- n. Pfizer Scholar in Endocrinology at Jackson Memorial Medical Center/ University of Miami School of Medicine. Miami, Florida (2002)
- o. Research Award by the Venezuelan Secretary of Scientific Affairs. Caracas, Venezuela (2003).
- p. Teaching Award In Geriatric Medicine, University of Miami Miller School of Medicine. Miami, Florida (2003-2004)
- q. Research Award by the Venezuelan Secretary of Scientific Affairs. Caracas, Venezuela (2005).
- r. Pi Sunyer Award in Clinical Research by the Catalan Center and Central University of Venezuela. Caracas, Venezuela (2006).
- s. Miami VA Healthcare System, Young Investigator Award – Clinical Research (2007).
- t. Pan American Health Education Foundation. Healthy Aging Research Award (2008)
- u. Stanley J Glaser Science Award, University of Miami Miller School of Medicine (2008).
- v. Clinical Translation Science Award. University of Miami Miller School of Medicine (2008).
- w. Top Cited Award 2006-2008 - Diabetes Research and Clinical Practice (2009).
- x. Miami VAHS, Clinical Research Award (Mentor of Drs. Oropesa and Sanchez) (2010)
- y. Miami VAHS, Clinical Research Award (as Mentor of Dr. Oropesa and Valencia) (2011)

- z. Florida Alliance Scholar (as Mentor of Dr. Stanziano) (2011)
- aa. Florida Outstanding Hispanic Faculty/Professor. (2013)
- bb. Chair, National Network of Geriatric Research, Education, and Clinical Centers (GRECC) Directors, US Department of Veterans Affairs (2015-2017)

### **Other Professional Activities**

- a. Chairman of the Diabetes Complications (Neuropathy, Retinopathy, and Nephropathy) Session at the 2<sup>nd</sup> Advance Clinical Postgraduate Course sponsored by the International Diabetes Federation/ American Diabetes Association. Panama City, Panama (2006).
- b. Co-Chairman Metabolic Syndrome and Diabetes Risk Writing Group. Diabetes Prevention Program Outcomes Study (6/2008 – present)
- c. Chairman Longevity and Diabetes Risk Writing Group. Diabetes Prevention Program Outcomes Study (11/2008 – present)
- d. Leader, Physical Function Assessment and Aging, Diabetes Prevention Program Outcomes Study (3/2009 – present)
- e. Chairman Quality of Life Across Treatment Group Writing Group. Diabetes prevention Program Outcomes Study (1/2009 – present)
- f. Member of CDC Special Review Panel on Diabetes Epidemiology (8/2010).
- g. Co-Chairman, American Diabetes Association Older Adult Workgroup – Research and Management Guidelines Committee (6/2010 – present)
- h. Ad-hoc member of the NIH Study Section on Biomedical computing and health informatics (2011)
- i. Member of the Health Promotion Disease Prevention (HPDP) Committee, Miami VAHS-VISN8: Specialty Care and MOVE Physician Champion (2011-present)
- j. Member of the NIH-NIDDK Special Emphasis Review Panel (ZDK1-GRB8-O4) (2011).
- k. Reviewer for American Diabetes Association Scientific Sessions (2012)
- l. Regular Member/Acting Chair of the NIH Study Section on Biomedical computing and health informatics (2012- 2016)
- m. VA Study Section: Geriatric Research, Education, and Clinical Center (2012)
- n. Chair of NIH Special Emphasis Panel on Health Delivery and Methodologies (2013)
- o. American Diabetes Association, Professional Practice Committee member to review the “Standards of Medical Care in Diabetes” position statement (2015-2016)

## **6. TEACHING**

### **Courses taught**

- a. Lipid and Carbohydrate Metabolism (Co-Instructor). Objective: 1) Review of basic pathways in the metabolism of lipids and lipoprotein and their relationship with the development of dyslipidemia and cardiovascular disease, 2) Review of basic pathways in the carbohydrate metabolism and their relationship with the development of insulin resistance and diabetes. Department of Biochemistry. University of Zulia School of Medicine. Maracaibo, Venezuela (9/1994 – 2/1996).
- b. Chronic Disease Epidemiology (Guest Lecturer). Objective: 1) Review of the epidemiology and role dyslipidemia as a major risk factor associated with cardiovascular disease. 2) Review of the epidemiology and opportunities for prevention and management of diabetes and its relationship with cardiovascular disease. Department of Epidemiology & Public Health. University of Miami School of Medicine. Miami, Florida (2001-2010)

- c. Core Curriculum in Geriatric Medicine and Gerontology (Facilitator). Small group sessions and bedside teaching sessions for Medical Students at the University of Miami Miller School of Medicine on the longitudinal theme in geriatrics, palliative care, and pain management. Miami, Florida (2003-present)
- d. Core Curriculum in Endocrine Modules for Medical Students (Male Reproductive Physiology and Disorders-Instructor) Objectives: 1) Review the role of testis secretions on development and function in different stages of life, 2) Identify mechanisms of endocrine and paracrine regulation of the testis, 3) Understand primary and secondary hypofunction of the testis due to genetic, anatomic, or acquired disorders, and 4) Identify principles for treatment of reproductive axis dysfunction based on pathology and patient's needs. University of Miami Miller School of Medicine. Miami, Florida (2005-present)
- e. Core Curriculum in Evidence Based Medicine for Clinical Fellows (Co-Instructor). Objectives: 1) To enhance skills in assessing diagnostic test and prognostic articles for validity, 2) To learn to apply the results of diagnostic and prognostic papers, 3) To review practical ways to interpret the results of diagnostic and prognostic manuscripts. Divisions of Gerontology & Geriatric Medicine and Endocrinology, Diabetes, and Metabolism. University of Miami Miller School of Medicine (2005-present)
- f. Public Health Administration (Co-Instructor): course designed to present basic concepts in public health management including planning, organization, financing, quality assurance, and program evaluation as well as describe intergovernmental and interagency relationships and policy-making. Department Public Health Sciences. University of Miami Miller School of Medicine. Miami, Florida (2015, 2016).
- g. Cardiovascular Disease (CVD) Epidemiology (Co-Instructor): course designed for MPH/PhD students to provide a broad and comprehensive understanding of CVD and the associated risk factors. The course will focus on the global and national determinants and distribution of CVD risk factors, prevention strategies to reduce the incidence and prevalence, and advancement of epidemiologic research for the prevention of CVD. Department Public Health Sciences. University of Miami Miller School of Medicine. Miami, Florida (2013, 2016).
- h. Epidemiology & Public Health Aspects of Diabetes (Co-Instructor). This course reviews the descriptive epidemiology of type 1 diabetes and type 2 diabetes, provides an introduction to field techniques and methodological problems of exposure measurement in diabetes surveys and the scope for prevention and the planning of intervention programs. Department Public Health Sciences. University of Miami Miller School of Medicine. Miami, Florida (2003, 2014, 2017).

### **Selected Lectures and Presentations in Conferences**

1. "Dyslipidemias and associated metabolic abnormalities". Scientific Meeting in the XXX Anniversary of the Clinical Research Institute, University of Zulia School of Medicine. Maracaibo, Venezuela (1989).
2. "Research activities in the training of health care providers". IV Research Seminar at the University of Zulia. Maracaibo, Venezuela (1990).

3. "Prospective analysis of the research activities among medical students in Latin America". VII International Meeting of the Latin American Federation of Medical Students. Maracaibo, Venezuela (1992).
4. "Genetics of type 2 Diabetes". Clinical Research Institute Seminar Series at the University of Zulia School of Medicine. Maracaibo, Venezuela (1993).
5. "Methods to evaluate insulin secretion and insulin action". Clinical Research Institute Seminar Series at the University of Zulia School of Medicine. Maracaibo, Venezuela (1994).
6. "Ethical perspectives in research for health care professionals". III Scientific Meeting of Venezuelan Medical Students. Caracas, Venezuela (1994).
7. "Diagnosis and treatment of insulin resistance" Hospital Coromoto Seminar Series, Maracaibo, Venezuela (1995).
8. "Primary Prevention of type 2 diabetes" Clinical Research Institute Seminar Series at the University of Zulia School of Medicine. Maracaibo, Venezuela (1996).
9. "Apolipoprotein C-III and hypertriglyceridemia" Diabetes Research Institute Clinical Seminar Series, University of Miami School of Medicine (1996).
10. "The Diabetes Prevention Program: Fundamentals and cost effective analysis". Department of Epidemiology and Public Health at the University of Miami School of Medicine. Miami, Florida (1996).
11. "Calcium channel blockers: Lipid metabolism and atherosclerosis" Diabetes Research Institute Clinical Seminar Series, University of Miami School of Medicine. Miami, Florida (1996).
12. "Insulin resistance and atherosclerosis: Clinical and epidemiological perspectives". Diabetes Research Institute Clinical Seminar Series, University of Miami School of Medicine. Miami, Florida (1996).
13. "Strategies to improve the screening among elderly Hispanics for the Diabetes Prevention Program". VII Scientific Meeting at the University of Zulia School of Medicine. Maracaibo, Venezuela (1997).
14. "Leptin and Obesity". Diabetes Research Institute Clinical Seminar Series, University of Miami School of Medicine. Miami, Florida (1997).
15. "The Diabetes Prevention Program" Brazilian Physician Program – Division of Continued Medical Education at the University of Miami School of Medicine. Miami, Florida (1997).
16. "Epidemiology of type 2 diabetes". Department of Epidemiology and Public Health at the University of Miami School of Medicine. Miami, Florida (1997).
17. "Apolipoprotein C-III, hyperinsulinemia/ insulin resistance in varying degrees of glucose tolerance". Divisions of Endocrinology and Diabetes & Metabolism Research Conference at the University of Miami School of Medicine. Miami, Florida (1997).
18. "Leptin, diabetes and the metabolic syndrome". Diabetes Research Institute Clinical Seminar Series, University of Miami School of Medicine. Miami, Florida (1997).
19. "Differences by gender and diabetic status in the relationship among apolipoprotein C-III, free fatty acids and triglycerides" Eastern Research Forum. University of Miami School of Medicine. Miami, Florida (1998).
20. "Small-dense LDL in insulin resistance subjects". Clinical Research Institute Seminar Series at the University of Zulia School of Medicine. Maracaibo, Venezuela (1998).



21. "Apolipoprotein C-III, triglycerides and low density lipoprotein particle size in insulin resistant subjects: a study in three ethnic groups". Diabetes Research Institute. Miami, Florida (1998).
22. "Acanthosis nigricans and acrochordons in insulin resistant subjects with and without glucose intolerance: a study in three ethnic groups". Diabetes Research Institute. Miami, Florida (1999).
23. "Apolipoprotein C-III polymorphism and insulin resistance" Cardiovascular Research Center Seminar Series at the University of Zulia School of Medicine. Maracaibo, Venezuela (1999).
24. "Triglycerides, apolipoprotein C-III and small-dense LDL in normoglycemic and diabetic subjects" IX Scientific Meeting of the University of Zulia School of Medicine. Maracaibo, Venezuela (1999).
25. "Epidemiology of Thyroid Cancer" Department of Epidemiology and Public Health at the University of Miami School of Medicine. Miami, Florida (2000)
26. "C-Reactive Protein and Cardiovascular Disease" Department of Epidemiology and Public Health at the University of Miami School of Medicine. Miami, Florida (2000).
27. "Diabetes, Insulin-Resistance and Cardiovascular Disease". Department of Medicine. Coromoto Hospital, University of Zulia School of Medicine. Maracaibo, Venezuela (2001).
28. "Relationship between C-reactive protein, Interleukin-6 and obesity across the spectrum of glucose intolerance and insulin resistance". Clinical Research Institute, University of Zulia School of Medicine. Maracaibo, Venezuela (2001).
29. "Prevalence of the Metabolic Syndrome in Zulia State, Venezuela and Strategies for Primary Prevention of Diabetes". Maracaibo, Venezuela (2002)
30. "Lifestyle intervention or metformin prevents type 2 diabetes in the U.S." at Research Seminar Series in the Health Administration & Policy Program and the Department of Epidemiology & Public Health at the University of Miami School of Medicine. Miami, Florida (2002)
31. "Cardiovascular disease and diabetes". Department of Epidemiology and Public Health at the University of Miami School of Medicine. Miami, Florida (2001-2005).
32. "Epidemiology of type 2 diabetes". Department of Epidemiology and Public Health at the University of Miami School of Medicine. Miami, Florida (2001-2005).
33. "Dyslipidemia and Insulin Resistance in Subject at Risk for Glucose Intolerance" Endocrine Grand Rounds, University of Miami School of Medicine, Miami, Florida (2003)
34. "Metabolic Syndrome: Strategies for diagnosis and management". Residency Training Program in Internal Medicine. VA Medical Center/ University of Miami-School of Medicine. Miami, Florida (2004).
35. "Management of Lipid Disorders in the Elderly". GRECC VA Medical Center/ University of Miami-School of Medicine. Miami, Florida (2004)
36. "Cholesterol and Other Lipids as Cardiovascular Risk Factors". Department of Epidemiology and Public Health at the University of Miami School of Medicine. Miami, Florida (2004).
37. "Prevalence and Risk Factors for the Frailty Syndrome in Miami Veterans". GRECC VA Medical Center/ University of Miami-School of Medicine. Miami, Florida (2004).

38. "Frailty syndrome, sarcopenic obesity, and insulin resistance". Sugar & Fat Club. Division of Endocrinology and Diabetes discussing the Miami, Florida (2004)
39. "Frailty Syndrome and Risk Assessment for Cardiovascular Disease and Diabetes" Geriatric Grand Rounds. VA Medical Center/ University of Miami Miller School of Medicine. Miami, Florida (2004)
40. "Challenges in the management of diabetes in the elderly". GRECC Clinical Conference VA Medical Center/ University of Miami Miller School of Medicine. Miami, Florida (2004)
41. "Metabolic Syndrome: Challenges in Diagnosis and Management" University of Miami Miller School of Medicine Division of Continuing Medical Education. Teaching Conference in Clinical Cardiology and Neurology. Miami, Florida (2005)
42. "Dyslipidemia and Subclinical Inflammation in Patients with Insulin Resistance: An Epidemiological and Metabolic Perspective". Department of Medicine, Faculty Research Seminar, University of Miami Miller School of Medicine. Miami, Florida (2005)
43. "Male Physiology and Endocrine Reproductive Disorders". University of Miami Miller School of Medicine. Miami, Florida (2005)
44. "Management of diabetes in Home-Based Primary Care". Miami VA Medical Center. Miami, Florida (2005)
45. "Assessment of Frailty in Patients with or at risk for Diabetes: Opportunities for Prevention and Intervention" Endocrine Grand Rounds, University of Miami Miller School of Medicine. Miami, Florida(2005)
46. "Management of thyroid disorders in the elderly". GRECC Clinical Conference VA Medical Center/ University of Miami Miller School of Medicine. Miami, Florida(2005)
47. "Management of Lipid Disorders". 32nd Annual Board Review Course in Internal Medicine. University of Miami Miller School of Medicine. Miami, Florida(2005)
48. "Evidence Based Medicine in Geriatrics: Articles in Diagnosis". University of Miami Miller School of Medicine. Miami, Florida (2005)
49. "Evidence Based Medicine in Endocrinology: Adrenal Insufficiency". University of Miami Miller School of Medicine. Miami, Florida (2005)
50. "Insulin resistance: Is the clock ticking in those at high-risk for congestive heart failure?" Sugar and Fat Club in the Division of Endocrinology, Diabetes and Metabolism. Miami, Florida (2005).
51. "Treatment to New Target (TNT) study". Journal Club for Internal Medicine Residents. University of Miami Miller School of Medicine. Miami, Florida (2005)
52. "Clusters of cardiovascular risk factors: A health economics perspective for the metabolic syndrome" UM Center of Aging presentation. Miami, Florida(2005)
53. "The impact of metabolic syndrome and coronary artery disease on health care costs of acute cardiovascular events" UM Center of Aging presentation. Miami, Florida (2005)
54. "Evidence Based Medicine in Endocrinology: Critical appraisal of the Metabolic Syndrome". University of Miami Miller School of Medicine. Miami, Florida (2005)
55. "Management of Hyperlipidemia in the elderly". Geriatric Medicine Fellows debate. University of Miami Miller School of Medicine. Miami, Florida (2005)
56. "Type 2 Diabetes in the Elderly: Primary Care Management". Teaching Rounds with Internal Medicine Residents. University of Miami Miller School of Medicine. Miami, Florida (2005)

57. "Type 2 Diabetes Management: Starting Insulin Treatment", "Thyroid Disorders in the Elderly". Teaching Rounds with Internal Medicine Residents. University of Miami Miller School of Medicine. Miami, Florida (2005)
58. "Thyroid Disorders in the Elderly". Teaching Rounds with Internal Medicine Residents. University of Miami Miller School of Medicine. Miami, Florida (2005)
59. "Scientific statements of the American Heart Association and American Diabetes Association about the metabolic syndrome". Journal Club at the UM-Health Service Research Center. Miami, Florida (2005)
60. "Role of the metabolic syndrome, inflammation, and hemostatic factors on the progression from IGT to diabetes". Diabetes Prevention Program Outcome Study (Cardiovascular Writing Group). Washington, DC (2005)
61. "Functional and metabolic benefits of vibration and telemedicine in obesity". Clinical Protocol Development session at the VA-GRECC. Miami, Florida (2005)
62. "Metabolic syndrome revisited: What have we learned and what's next?" Medical Grand Rounds, Miller School of Medicine at the University of Miami: Miami, Florida (2006)
63. "Diabetes Management with Insulin Therapy". Update for Primary Care Physician at the Miami VA Medical Center/ University of Miami Miller School of Medicine. Miami, Florida (2006)
64. "Challenges in the management of diabetes in the elderly" GRECC Clinical Conference VA Medical Center/ University of Miami Miller School of Medicine. Miami, Florida (2006)
65. "Male Physiology and Endocrine Reproductive Disorders". University of Miami Miller School of Medicine. Miami, Florida (2006)
66. "Cardiovascular Risk Engines" UM-Humana Health Service Research Journal Club. Miami, Florida (2006)
67. "Endothelial Progenitor Cells: Do you still have a good cardiovascular risk?" Sugar & Fat Club, Division of Endocrinology, Diabetes and Metabolism. Miami, Florida (2006).
68. "Improving Diabetes Performance Measures". Strategic Summit, Miami VA Medical Center. Miami, Florida (2006)
69. "Challenges in the Management of Type 2 Diabetes in the Elderly". Medical Resident Curriculum, Miami VA Medical Center. Miami, Florida (2006)
70. "Diabetes Management: Incretin and Insulin Therapy". Update in Diabetes, Miami VA Medical Center. Miami, Florida (2006).
71. "Role of dyslipidemia in the metabolic syndrome". Mexican Diabetes Congress. Veracruz, Mexico (2006)
72. "Hyperglycemia and Functional Vulnerability in Patients with Cardiovascular Disease". Mexican Diabetes Congress. Veracruz, Mexico (2006).
73. "Results of the ADOPT trial for diabetes management". Teaching Rounds, Miami VA Medical Center. Miami, Florida (2006)
74. "Dyslipidemia and HIV lipodystrophy". Teaching Rounds, Miami VA Medical Center. Miami, Florida (2006)
75. "Adrenal Insufficiency: diagnosis and management". Teaching Rounds, Miami VA Medical Center. Miami, Florida (2006).
76. "Metabolic syndrome does it exist? Challenges for Central America". 2<sup>nd</sup> Advance Clinical Postgraduate Course sponsored by the International Diabetes Federation/ American Diabetes Association. Panama City, Panama (2006).

77. "Diabetes management: insulin therapy strategies". Continuous Medical Education at VA Oakland Park. Fort Lauderdale, Florida (2007)
78. "The Diabetes Prevention Program (DPP): A Clinical Trial to Prevent Type 2 Diabetes in Persons at High Risk". Management of Obesity in Veterans Everywhere (MOVE)/ Healthy US Veteran initiative, Miami VA Medical Center. Miami, Florida (2007)
79. "Prevention of Diabetes in Latinos: A Pilot Study of the Pan American Health Organization". University of Zulia School of Medicine. Maracaibo, Venezuela (2007)
80. "Thyroid disorders in the elderly". Teaching Rounds, Miami VA Medical Center. Miami, Florida (2007)
81. "Effects of continuing or stopping alendronate after 5 years of therapy (FLEX study)". Journal Club, Internal Medicine Residents, Jackson Memorial Hospital. Miami, Florida (2007)
82. "Does Exercise Really Improve your Health?" Harvard Medical School/ University of Miami - Current Clinical Issues in Primary Care. Fort Lauderdale, Florida (2007)
83. "Frailty Syndrome and Risk Assessment for Co-morbidities and disabilities" Medical Grand Rounds at Mount Sinai Medical Center. Miami Beach, Florida (2007)
84. "Challenges for the Implementation of a Diabetes Prevention Program". National Institute of Public Health. Cuernavaca, Mexico (2007)
85. "Longevity and diabetes risk". Frailty and aging research group. University of Miami Miller School of Medicine. Miami, Florida (2007).
86. "Diabetes Management in the Elderly". Colombian Congress of Diabetes. Cartagena, Colombia (2007)
87. "Geriatric Syndromes". Advanced Clinical Postgraduate Course for the Care of Older Adults. Maracaibo, Venezuela (2007)
88. "Management of frailty in the elderly population" West Palm Beach VA Medical Center. Palm Beach, Florida (2007).
89. "Managing diabetes in the elderly". Advance Postgraduate Course, American Diabetes Association, San Francisco, California (2008)
90. "Challenges to Remain Healthy" Miami VAMC- Retirement Seminar. Miami, FL (2008)
91. "Prevention of Diabetes: Lessons learned in the US and Latin America". University of Zulia Scientific Sessions. Maracaibo, Venezuela (2008)
92. American College of Physician- Board Review in Internal Medicine "Endocrine Module" (2008)
93. "Metabolic Syndrome and Prevention of Diabetes" Venezuelan Endocrine Society Scientific Sessions. Caracas, Venezuela (2008)
94. "Controversies in the Reduction of Cardiovascular Risk in Elderly Patients with Diabetes". Geriatrics Institute Grand Rounds. Miami, FL (2008)
95. "Management of Diabetes in the Elderly" Medical Grand Rounds. Miami, FL (2008).
96. "Diabetes Prevention: Strategies for Implementation" Best of American Diabetes Association (ADA)-India. Pune and Ahmedabad, India (2008).
97. Key Note Speaker Pre-Medical Forum "Quest in Medicine: Helping People with Diabetes". Miami, FL (2008)
98. Advances in Medicine – University of Miami: "Prevention and Management of Cardiovascular Disease in Elderly Diabetics". Miami, Fl (2009)
99. Diabetes Research Institute – Diabetes Management Review Course: "Tackling head on macrovascular disease in type 2 diabetes" (2009)

100. National Audio-Conference VA- GRECC: “Challenges in the Management of Diabetes in the Elderly” (2009)
101. “Challenges to Remain Healthy” Miami VAMC- Retirement Seminar. Miami, FL (2009)
102. American College of Physician- Internal Medicine Board Review “Endocrine Module” (2010)
103. “Obesity Assessment and Management” University of Miami Miller School of Medicine – Endocrine Module (2010)
104. “Bariatric Surgery” University of Miami Miller School of Medicine – Core Lecture for Endocrine Fellows (2010)
105. Diabetes Research Institute – Diabetes Management Review Course: “Prevention of Diabetes: Metformin vs. Lifestyle Changes” (2010).
106. Department of Veterans Affairs, VISN -08. Update in Geriatrics Conference. “Challenges in the Care of Diabetes from a Geriatrics Perspective” (2010).
107. National Center for Health Promotion and Disease Prevention, VHA-Teleconference: “Changing the Weight Loss Trajectory for MOVE! Patients and the Positive Impact of Halting Weight Gain” (2010)
108. American Diabetes Association 70<sup>th</sup> Scientific Sessions: “Bromocriptine-QR: A New Therapeutic Option for Type 2 Diabetes” (2010).
109. Department of Veterans Affairs -GRECC Regional Symposium “PCMH: Future Directions in the Care of the Older Patient (2010).
110. University of Nebraska Medical Center – Department of Internal Medicine “Diabetes Prevention and Management: A Path to Successful Aging” (2010).
111. Boca Raton Medical Center “Metabolic Syndrome: Update” (2011).
112. American Diabetes Association – Florida Regional Meeting “Diabetes in Older Adult: An Update” (2011).
113. University of Arkansas Medical Science – Endocrinology Grand Rounds “Diabetes Management in Older Adults” (2011).
114. National Institute of Public Health in Mexico: “Vitamin D and Chronic Comorbidities” (2011).
115. Pan American Health Organization – Evidence Based Chronic Illness Care Course: “Self-Management Support” (2011).
116. University of California Los Angeles – Geriatrics Grand Rounds “From Diabetes Prevention & Management to Healthier Aging and Beyond” (2011).
117. Department of Veterans Affairs – Research Week Grand Rounds ““A MOVE towards MVP Health Care: Diabetes Prevention, Healthier Aging and Beyond” (2011).
118. American Diabetes Association 71<sup>st</sup> Scientific Sessions: “Individualized Medicine in Managing Patients with Type 2 Diabetes: Age and Diabetes Duration” (2011).
119. University of Guadalajara, Mexican Clinical and Vanguard Medicine Congress, Key Note Speaker “Diabetes Prevention and Management: Lessons for Latin America” (2011).
120. South Florida Carlos J. Finlay Seminar “Access and Quality Issues Affecting Hispanic Elder Care” (2011).
121. Pri-Med Conference (University of Miami/ Harvard University) “Metabolic Syndrome: Is there anything to do”? (2012)
122. American College of Physician – Board Review Course: Endocrinology Module (2012)

123. Endocrine Society Scientific Sessions “Diabetes Prevention in Venezuela: Accomplishments and Vision for the Future” (2012)
124. Endocrine Society Scientific Session “Challenges and Opportunities for Diabetes Management in the Elderly” (2012)
125. Endocrine Society Scientific Sessions “Controversies in the use of Growth Hormone in the Elderly” (2012)
126. Family Medicine Grand Rounds “Diabetes Prevention and Management for Healthier Aging” (2012)
127. Department of Epidemiology & Public Health Grand Rounds “Diabetes Epidemiology and Prevention: Lessons Learned Towards Healthy People 2020” (2012)
128. Center on Aging Grand Rounds “Diabetes in Older Adults: Opportunities and Challenges for the CoA – GRECC Partnership” (2012).
129. Department of Epidemiology & Public Health “Introduction to Public Health: Epidemiology in the 21<sup>st</sup> Century” (2012)
130. Pan American Health Organization “University Consortium on Public Health and Aging: Strategies for Chronic Disease Prevention and Management” (2012)
131. Diabetes Prevention Program Outcome Study “Continuation Phase: Working Group on Aging” (2012)
132. GRECC LEMUR Seminar “Personal Health Records to Support Implementation of CER for Diabetes Prevention and Management” (2012)
133. Miami VAHS PACT seminar “Opportunities and Challenges for PACT in the Care of Older Veterans with Diabetes” (2012)
134. American Subspecialty Professors/ National Institute of Aging – Workshop on Research Agenda for Diabetes and Cardiovascular Disease in the Elderly presentation on “Influence of Race & Ethnicity on Outcomes” (2013).
135. International Forum for the Advancement of Diabetes Care. Presentation on “Diabetes in the Elderly”. Barcelona, Spain (2013)
136. World Diabetes Congress Growing burden of diabetes in older adults: an analysis of the IDF Diabetes Atlas. (2013)
137. Annual Scientific Meeting of the American Geriatrics Society. “Weight and Glycemia in Older Adults Receiving Lifestyle Interventions Via Peer-Leaders With or Without Mobile Enhancements for Diabetes Prevention and Management” (2014)
138. Gerontological Society of America Annual Meeting. “Extending the Reach of a Successful Exercise Program to Improve Fitness in Older Veterans. (2015)
139. Annual Meeting of the American Geriatrics Society. “Improvements in cardiorespiratory fitness measured with 6-minute walk distance in older veterans participating in the GEROFIT exercise program at four VA sites” (2015).
140. Annual Meeting of the American Geriatrics Society. “Age, gender and race/ethnicity economic disparities in hospitalized older Floridians with type 2 diabetes” (2015)
141. Scientific Session of the American Diabetes Association “Delays to cardiovascular procedures and costs due to type 2 diabetes” (2015)
142. Annual Meeting of the American Geriatrics Society. “Impact of glycemic control on quality of life in older adults with type 2 diabetes (2016)

**Thesis and Dissertation Advising and Post-Doctoral Students Supervision**

***Master in Public Health (MPH), University of Miami:***

- Jenny Spadola, Binge Eating Disorders in a Multi-Ethnic Population with Diabetes (2005-2007).
- Carlos Hernandez-Cassis, Entero-Insular Axis Assessment in a Population at High-Risk for Diabetes (2006-2008)
- Denisse Pareja, The prevalence of obesity and cardio-metabolic disease risk factors among ethnic minority, medically underserved youth (2015-2016)

***Doctoral Students:***

- Edgar Navarro (Doctor in Medical Science, University of Zulia, Venezuela), Abdominal Obesity Assessment in a Working Population in Venezuela (2008-2009).
- Evelyn Davila (PhD Epidemiology, Florida International University) Diabetes and Risk Factors in a Working Population (2009-2010)
- Claudia Uribe (PhD Epidemiology, University of Miami): “Bariatric Surgery: Health Outcomes and Costs” (2010 – 2011).
- Denise Vidot (PhD Epidemiology, University of Miami): “Marijuana Use and Cardiometabolic Disease Risk throughout Adulthood: An Analysis of the National Health and Nutrition Examination Survey 2005-2010.” (2014-2015)
- Tali Elfassy (PhD Epidemiology, University of Miami): “Multi-Level Predictors of Obesity and Diet in Multi-Ethnic Populations” (2015-2016)

***Post-Doctoral Training, University of Miami:***

- Luis Salgueiro, PhD, Inflammation, Insulin Resistance, Vascular Reactivity and Endothelial Progenitor Cells (2007-2009).
- Lisset Oropesa, MD, Effect of Exercise on Functionality, Depression and Cardiovascular Risk in Older Adults (2008-2012).
- Damian Stanziano, PhD, T-32 NIHLBI trainee, Behavioral Aspect of Cardiovascular Disease (2009- 2012).
- Adonis Montenegro, MD, T-32 NIHLBI trainee, Behavioral Aspect of Cardiovascular Disease (2009- 2010).
- Ferdinando Andrade, MD, Metabolic Benefit of Bariatric Surgery in Subjects with Glucose Intolerance (2009-2013).
- Anshuman Srivastava, MD (UMPIRE program), Delays to cardiovascular procedures and costs due to type 2 diabetes (2014-2015)

***Postgraduate Training Scholarly Project, University of Miami, JMVA:***

- Paul Casanova, MD (Endocrinology Fellow), Dyslipidemia and Insulin Resistance in Subjects at High-Risk for Diabetes (2004-2006)
- Walid Chacra, MD (Internal Medicine Resident) Hypovitaminosis D and Obesity (2005-2007).
- Ramon Martinez, MD (Geriatric Fellow), Obesity and Fracture Risk in Older Adults (2006-2007).
- Willy Valencia, MD (Internal Medicine Resident) Obesity, Fatigue and Quality of Life (2006-2009).
- Angel Alejandro, MD (Endocrinology Fellow), Hypovitaminosis D and Hyperglycemia in South Florida (2006-2008).

- Alex Sanchez, MD (Geriatric Fellow), Telemedicine and Cardiovascular Risk in Older Adults with Diabetes (2007-2009).
- Andrea Sosa, MD (Endocrinology Fellow), Effect of Vitamin D Supplementation on Inflammatory Biomarkers in Older Adults (2008-2010)
- Ana Apaza, MD (Endocrinology Fellow), Effect of Vitamin D Supplementation on Lipid and Apolipoproteins in Older Adults (2008-2010).
- Willy Valencia, MD (Geriatric Endocrinology Fellow) Effect of Exercise on Quality of Life and Cardiometabolic Risk in Older Adults (2009-2012).
- Ricardo Correa, MD (Internal Medicine Resident), Vitamin D Status and Diabetes Risk (2010-2013).
- Qasem Aljabr, MD (Geriatric Medicine Fellowship), Prevalence of frailty among older adults with diabetes in Saudi Arabia (2016-2017).

## 7. **SERVICE**

### **Administrative Responsibilities**

- a. Member of the Scientific Committee at the University of Zulia School of Medicine. Maracaibo, Venezuela (1990-92)
- b. Member of the Curriculum Committee in the Department of Epidemiology & Public Health at the University of Miami School of Medicine. Miami, Florida (2001-2003)
- c. Member of the Human Studies Subcommittee (IRB), Miami VA Medical Center. Miami, Florida (1/2005- 12/2008)
- d. Member of the Endocrinology Fellowship Training selection committee (7/2004 – present)
- e. Associate Director Fellowship Program in Endocrinology, Diabetes, and Metabolism. University of Miami Miller School of Medicine. Miami, Florida (7/2005-6/2008)
- f. Member of the Research and Development Committee, Miami VA Medical Center. Miami, Florida (1/2006-present)
- g. Director of the Metabolic Syndrome Clinic/ Management of Obesity in Veterans Everywhere (MOVE) program at the Miami VA Medical Center. Miami, Florida (5/2006-present)
- h. Facilitator/Leader of Performance Measurement in Diabetes at the Miami VA Medical Center. Miami, Florida (10/2006 – 9/2008)
- i. Member of the University of Miami MD/PhD Program Committee (6/2007-present)
- j. Member of the University of Miami Medical Group – Leadership Council (11/2007-present)
- k. Clinical Director, Geriatric Research, Education, and Clinical Center (GRECC). Miami VA Healthcare System (6/2008- present)
- l. Acting Chairman, Human Studies Subcommittee (IRB), Miami VA Healthcare System (2009)
- m. Acting Director, Fellowship Training Program in Endocrinology, Diabetes, and Metabolism. University of Miami Miller School of Medicine. Miami, Florida (9/2009-7/2010).
- n. Co-Director, Advance Fellowship Training Program, Department of Veterans Affairs (1/2010 – present).



- o. Member of the Scientific Review Committee, Miami VA Healthcare System (2A011-2014)
- p. Member of the Internal Medicine Residency Training Selection Committee (2010 – 2014).
- q. Director, Division of Epidemiology and Population Health Sciences, Department of Epidemiology and Public Health, University of Miami Miller School of Medicine (6/2012-present).
- r. Interim Chief, Division of Gerontology and Geriatric Medicine, Department of Medicine, University of Miami Miller School of Medicine (2/2013 – 8/2015)
- s. Director, Geriatric Research, Education and Clinical Center (GRECC), Miami VA Healthcare System (11/2012-present)
- t. Interim Director, MD/MPH program University of Miami Miller School of Medicine (2016)
- u. Central IRB (Human Studies Committee), University of Miami Miller School of Medicine (2016-present)

### **Community Activities**

1. “Health education and promotion” at Radio Peace (Radio Paz). Miami, Florida (2006-2010)
2. “Career day: the role of a physician-scientist in society” at Saint Bartholomew Catholic School Miramar, Florida (2007-2008).
3. “Career day: the role of a physician-scientist in society” at Glades Middle School Miramar, Florida (2008-2010).
4. “Healthy Aging Regional Collaborative – Miami Dade & Broward Counties (2008-2014)
5. American Diabetes Association – Older Adult Working Group (2010-2014)
6. White House Conference on Aging – Healthy Aging and Prevention (2015)
7. American Diabetes Association – Professional Practice Committee (2015-present)