Curriculum Vitae

Manuel Franco, MD, PhD

Updated November 2016

PERSONAL DATA

Business Address at University of Alcalá

Associate Professor

Social and Cardiovascular Epidemiology Research Group, School of Medicine

University of Alcalá

Tel (34) 91 885 2522 - Fax (34) 91 855 4874

mfranco@uah.es

http://www.uah.es/pdi/manuel_franco

Adjunct Associate Professor

Department of Epidemiolgy

Johns Hopkins Bloomberg School of Public Health

mfranco@jhsph.edu

http://www.jhsph.edu/faculty/directory/profile/4930/Franco/Manuel

EDUCATION AND TRAINING

1999 **Medical Doctor, Universidad Complutense. Madrid, Spain.**

1995-2000 **Clinical Research Fellow. Humboldt Universitaet zu Berlin, Germany**

2007 **Doctor of Philosophy (PhD) Department of Epidemiology, Johns Hopkins Bloomberg School of Public Health, Baltimore, USA**

2008 **Post Doctoral Fellow, Department of Epidemiology, Johns Hopkins Bloomberg School of Public Health, Baltimore, USA**

PROFESSIONAL EXPERIENCE

2012- Present	**Profesor Titular de Universidad (Associate Professor), Department of Surgery and Medical Sciences, Division of Preventive Medicine and Public Health, Universidad de Alcala de Henares, Spain**
2012- Present	**Associate Professor, Adjunct. Department of Epidemiology, Johns Hopkins Bloomberg School of Public Health**
2011- 2012	**Assistant Professor, Adjunct. Department of Epidemiology, Johns Hopkins Bloomberg School of Public Health**
2008- 2010	**Adjunct Faculty, in the Department of Epidemiology, Johns Hopkins Bloomberg School of Public Health**
2008- 2012	**Researcher, (CNIC), Madrid, Spain**
2007- 2008	**Post Doctoral Fellow Department of Epidemiology, Johns**

Hopkins Bloomberg School of Public Health

2004- 2007 **Senior Research Assistant: Look AHEAD clinical trial.**

PROFESSIONAL ACTIVITIES

Society Membership:

Spanish Society of Cardiology
European Society of Cardiology
Spanish Society of Epidemiology
Spanish Society of Public Health and Health Administration

Panels and committees:

2009 Spanish Ministry of Health. National Plan for the reduction of Salt Consumption. Research Advisor

2010 Moroccan Ministry of Health. National Nutrition Strategy; Prevention of Chronic Diseases. Research Advisor

2008-2016 Fulbright Scholars Review Panel. Fulbright Commission of Spain. Panel Reviewer.

2015 Spanish Society of Epidemiology. Member of the Scientific Committee for the Annual Scientific Meeting.

EDITORIAL ACTIVITIES

Editorial board membership

2010 - Present. Methodological and statistical editor: *Revista Española de Cardiología* (http://www.revespcardiol.org).

Peer review activities

- *The Lancet*
- *American Journal of Epidemiology*
- *American Journal of Cardiology*
- *American Journal of Preventive Medicine*
- *American Journal of Public Health*
- *American Journal of Clinical Nutrition*
- *American Journal of Cardiology*
- *American Journal of Medicine*
- *Journal of Epidemiology and Community Health*
- *Public Health Nutrition*
- *European Journal of Epidemiology*
- *Pediatric Obesity*
- *BMC Public Health*
- *Preventive Medicine*
- *Pan-American Journal of Public Health*
- *Journal of Urban Health*
- *International Journal of Health Services*
- *Gaceta Sanitaria*

Scientific meetings (review of proceedings)

Spanish Society for Epidemiology Annual Meeting (SEE 2013, 2014, 2015)

HONORS AND AWARDS

2015-2016 Teaching in Excellence, Graduate Summer Institute of Epidemiology and Biostatistics, Johns Hopkins Bloomberg School of Public Health

2013	University of Alcalá, School of Medicine, Research of Excellence 2013 “Francisco Diaz” Award
2010 – 2015	Ramón y Cajal Fellowship (Spanish Government Award)
2010	Nomination to the CDC Science Award in the category of Assessment and Epidemiology for the article: “Fast Food Consumption, Diet Quality, and Neighborhood Exposure to Fast Food: The Multi-Ethnic Study of Atherosclerosis” Moore LV, Diez-Roux AV, Nettleton JA, Jacobs DR and Franco M. American Journal of Epidemiology. 2009 Jul 1;170(1):29-36
2010 – 14	Marie Curie Fellowship (European Union Award)
2002 – 06	Fulbright Scholar, sponsored by the Spanish Ministry of Health and the US Department of State
1995 – 98	Erasmus Fellowship (European Union) Humboldt University Berlin, Germany

PUBLICATIONS

PUBLICATIONS, PEER REVIEWED ARTICLES

1. Díez J, Conde P, Sandin M, Urtasun M, López R, Carrero J, Gittelsohn J, Franco M. Understanding the local food environment: a participatory photovoice project in a low-income area in Madrid, Spain. Health and Place. 2016. In Press.

2. Fuentes S, Bilal U, Galan I, Villalbi JR, Espelt A, Bosque-Prous M, Franco M, Lazo M. Binge drinking and well-being in European Older Adults: Do Gender and Region Matter?. Eur J Public Health. 2016. In press.

3. Sureda X, Franco M. Living Under the Influence: Normalization of Alcohol Consumption in our Cities. Gaceta Sanitaria. *In Press*

4. Cebrecos A, Díez J, Gullón P, Bilal U, Franco M, Escobar F. Characterizing physical activity and food urban environments: a GIS-based multicomponent

proposal. Int J Health Geogr. 2016 Oct 4;15(1):35.

5. Bilal U, Díez J, Alfayate S, Gullón P, Del Cura I, Escobar F, Sandín M, Franco M; HHH Research Group. Population cardiovascular health and urban environments: the Heart Healthy Hoods exploratory study in Madrid, Spain. BMC Med Res Methodol. 2016 Aug 22;16:104.

6. Díez J, Bilal U, Cebrecos A, Buczynski A, Lawrence RS, Glass T, Escobar F, Gittelsohn J, Franco M. Understanding differences in the local food environment across countries: A case study in Madrid (Spain) and Baltimore (USA). Prev Med. 2016 Aug;89:237-44.

7. Bilal U, Beltrán P, Fernández E, Navas-Acien A, Bolumar F, Franco M. Gender equality and smoking: a theory-driven approach to smoking gender differences in Spain. Tob Control. 2016 May;25(3):295-300.

8. Cobb LK, Anderson CA, Appel L, Jones-Smith J, Bilal U, Gittelsohn J, Franco M. Baltimore City Stores Increased The Availability Of Healthy Food After WIC Policy Change. Health Aff (Millwood). 2015 Nov;34(11):1849-57.

9. Franco M, Gullón P, Carreño V. Studying city life, improving population health. Int J Epidemiol. 2015 Nov 24.

10. Gullón P, Badland HM, Alfayate S, Bilal U, Escobar F, Cebrecos A, Diez J, Franco M. Assessing Walking and Cycling Environments in the Streets of Madrid: Comparing On-Field and Virtual Audits. J Urban Health. 2015 Oct;92(5):923-39.

11. Remigio-Baker RA, Allison MA, Schreiner PJ, Carnethon MR, Nettleton JA, Mujahid MS, Szklo M, Crum RM, Leuotsakos JM, Franco M, Jensky N, Golden SH. Sex and race/ethnic disparities in the cross-sectional association between depressive symptoms and muscle mass: the Multi-ethnic Study of Atherosclerosis. BMC Psychiatry. 2015 Sep 18;15:221.

12. Cobb LK, Appel LJ, Franco M, Jones-Smith JC, Nur A, Anderson CA. The relationship of the local food environment with obesity: A systematic review of

methods, study quality, and results. Obesity (Silver Spring). 2015 Jul;23(7):1331-44.

13. Franco M, Bilal U, Diez-Roux AV. Preventing non-communicable diseases through structural changes in urban environments. J Epidemiol Community Health. 2015 Jun;69(6):509-11.

14. O Redondo, E Villamor, J Valdés, U Bilal, B Caballero, D Roche, MF Kroker, M Ramírez-Zea and M Franco. Validation of a BMI cutoff point to predict an adverse cardiometabolic profile with DEXA adiposity measurements in Guatemalan children. Public Health Nutr. 2015 Apr;18(6):951-8.

15. Remigio-Baker RA, Allison MA, Schreiner PJ, Carnethon MR, Nettleton JA, Mujahid MS, Szklo M, Crum RM, Franco M, Leuotsakos JM, Jensky N, Golden S. Difference By Sex But Not By Race/ethnicity in the Visceral Adipose Tissue-Depressive Symptoms Association: The Multi-Ethnic Study of Atherosclerosis'. Psychoneuroendocrinology. 2014 Sep;47:78-87.

16. Remigio-Baker RA, Diez-Roux AV, Szklo M, Crum RM, Leuotsakos JM, Franco M, Schreiner PJ, Carnethon MR, Nettleton JA, Mujahid MS, Michos ED, Gary-Webb T, Golden S. Physical Environment May Modify the Association Between Depressive Symptoms and Change in Waist Circumference: The Multi-Ethnic Study of Atherosclerosis, Psychosomatics. 2014 Mar-Apr;55(2):144-54.

17. Bilal U, Fernandez E, Navas-Acien A, Beltran P, Bolumar F, Franco M. Validation of a method for reconstructing historical rates of smoking prevalence. Am J Epidemiol. 2014 Jan 1;179(1):15-9

18. Franco M, Bilal U, Orduñez P, Benet M, Morejón A, Caballero B, Kennelly JF, Cooper R. Population-wide weight loss and regain in relation to diabetes burden and cardiovascular mortality in Cuba 1980-2010: repeated cross sectional surveys and ecological comparison of secular trends BMJ 2013; 346:f1515. doi: 10.1136/bmj.f1515.

19. Luque-Fernandez MA, Franco M, Gelaye B, Schomaker M, Gutierrez-Garitano I, D'Este C, Williams MA. Unemployment and stillbirth risk among foreign-born and Spanish pregnant women in Spain, 2007-2010: a multilevel analysis study. Eur J Epidemiol. 2013 Dec;28(12):991-9

20. Peñalvo JL, Santos-Beneit G, Sotos-Prieto M, Martínez R, Rodríguez C, Franco M, López-Romero P, Pocock S, Redondo J, Fuster V. Cluster randomized trial to evaluate the efficacy of a school-based behavioral intervention for health promotion among children aged 3 to 5. BMC Public Health. 2013 Jul 15;13(1):656.

21. Franco M, Bilal U, Guallar E, Sanz G, Gómez A, Fuster V and Cooper R, Systematic Review of Three Decades of Spanish Cardiovascular Epidemiology: Improving Translation for a Future of Prevention. Accepted for Publication. Eur J Prev Cardiol. 2013 Aug;20(4):565-76.

22. Vidal-Perez R, Otero-Raviña F, Franco M, Rodríguez Garcia MJ, Liñares Stolle R, Esteban Álvarez et al. Determinants of cardiovascular mortality in a cohort of primary care patients with chronic ischemic heart disease. BARBANZA Ischemic Heart Disease (BARIHD) study. International Journal of Cardiology. Int J Cardiol. 2013 Jul 31;167(2):442-50.

23. Moore LV, Diez-Roux AV, and Franco M. Measuring Availability of Healthy Foods: Agreement between directly measured and surveyed data. American Journal of Epidemiology. 2012. 175 (10): 1037-1044.

24. Franco M, Cooper R, Bilal U, Fuster V. "Challenges and Opportunities for Cardiovascular Disease Prevention". American Journal of Medicine. 2011 Feb;124(2):95-102.

25. Stark S, Franco M, Gittelsohn J, Zonderman A, Evans M, Kuczmarski M, Gary-Webb T. Healthy food availability and the association with body mass index in Baltimore City, Maryland. Public Health Nutr. 2011 Jan 28:1-7.

26. Fuster V. Lois F. and Franco M. Early identification of cardiovascular disease using noninvasive imaging. Nature Reviews Cardiology. 2010 Jun;7(6):327-33. Epub 2010 May 4.

27. Franco M, Sanz B, Otero L, Dominguez, A., Caballero B, Prevention of childhood obesity in Spain: a focus on policies outside the health sector. SESPAS report 2010. Gac Sanit. 2010 Dec;24 Suppl 1:49-55.

28. Kalyani R, Franco M, Dobs AS, Ouyang P, Vaidya D, Bertoni A, Gapstur SM, Golden SH. The Association of Endogenous Sex Hormones, Adiposity, and Insulin Resistance with Incident Diabetes in Postmenopausal Women. Journal of Clinical Endocrinology and Metabolism 2009 Nov;94(11):4127-35.

29. Franco M, Sanz G, and Guallar E. Clinical and epidemiological research at CNIC: psychosocial factors and cardiovascular disease. Nature Cardiology Reviews CNIC Edition. 2009 Jun; 6, 35-41.

30. Moore LV, Diez-Roux AV, Nettleton JA, Jacobs DR and Franco M. Fast Food Consumption, Diet Quality, and Neighborhood Exposure to Fast Food: The Multi-Ethnic Study of Atherosclerosis. American Journal of Epidemiology. 2009 Jul 1;170(1):29-36

31. Franco M, Diez-Roux AV, Nettleton JA, Lazo M, Brancati F, Caballero B, Glass T, Moore LV. Availability of Healthy Foods and Dietary Patterns, the MESA study. American Journal of Clinical Nutrition. 2009 Mar;89(3):897-904.

32. Rivera J, Bermejo F, Franco M, Morales-González JM, Benito-León J. Understanding care of people with dementia in Spain: cohabitation arrangements, rotation and rejection to long term care institution. Int J Geriatr Psychiatry. 2009 Feb;24(2):142-8.

33. Franco M, Diez-Roux A. V., Glass T, Lazo M, Caballero B, Brancati F. Availability of Healthy Foods and Neighborhood Characteristics. American Journal of Preventive Medicine. 2008 Dec;35(6):561-7.

34. Franco M, Orduñez-García P, Caballero B, Cooper RS. Obesity reduction and its possible consequences: What can we learn from the “Special Period” in Cuba? Canadian Medical Association Journal. CMAJ. 2008 Apr 8;178(8):1032-4.

35. Durazo-Arvizu R, Barquera S, Franco M, Lazo M, Cooper RS "Cardiovascular Disease Surveillance in Mexicans and Mexican Americans: A Tale of Two Countries" Pan American Journal of Public Health. 2008 Feb;23(2):119-24

36. Franco M, Orduñez P, Caballero B, Tapia Granados JA, Lazo M, Bernal JL, Guallar E, Cooper RS. Impact of energy intake, physical activity and population-wide weight loss on cardiovascular disease and diabetes mortality in Cuba, 1980-2005 American Journal of Epidemiology. 2007 Dec 15;166(12):1374-80

37. Franco M, Nandi A, Glass T, Diez-Roux A. V. Smoke before food: a tale of Baltimore City. Am J Public Health. 2007 Jul;97(7):1178

38. Franco M, Kennelly JF, Cooper RS, Orduñez-Garcia P. Health in Cuba and the Millennium Development Goals. Pan American Journal of Public Health 2007 April;21(4):239-50

39. Franco M, Brancati F, Diez-Roux A. Money orders and alcohol yes; fruits, vegetables and skimmed milk no. Journal of Epidemiology and Community Health. 2007 Feb;61(2):94.

40. Durazo-Arvizu R, Barquera S, Franco M, Lazo M, Palloni A, Seuc A, Orduñez P, Cooper RS Cardiovascular diseases mortality in Cuba, Mexico, Puerto Rico and US Hispanic populations Prevention and Control June 2006, Pages 63-71

EDITORIALS, COMMENTARIES AND LETTERS

1. Bilal U, Fernández E, Navas-Acien A, Bolumar F, Franco M. Five authors reply. Am J Epidemiol. 2014 Sep 15;180(6):659.

2. Physical activity environment measurement and same source bias. Gullón P, Bilal U, Franco M. Gac Sanit. 2014 Feb 20
3. Franco M, Cooper R, Bilal U, Fuster V. Control of Coronary Heart Disease Risk Factors and Evidence-Based Therapies: Joint Efforts for Coronary Heart Disease Prevention in Spain. Rev Esp Cardiol 2011;64:962-964
4. Lazo M, Franco M, Cooper R, Orduñez P. Better health statistics: the Cuban experience Lancet. 2006 Mar 25;367(9515):985-6
5. Franco M, Cooper R, Orduñez P. Making sure public health policies work. Science. 2006 Feb 24;311(5764):1098

BOOK CHAPTERS

1. Franco M, Bilal U, Diez J. Local Food Environment. In: Caballero, B., Finglas, P., and Toldrá, F. (eds.) The Encyclopedia of Food and Health vol. 4, pp. 139-144 (2016). Oxford: Academic Press.
2. Franco M, Bilal U. [Epidemiology of Hypertension and Angina Pectoris in Spain]. Formación Continuada en Atencion Primaria; 2012.

ARTICLES IN MASS-MEDIA

1. Franco M, Bilal U, Cooper RC. [Baltimore, a showcase of inequality]. El PAIS. URL: http://elpais.com/elpais/2015/05/04/ciencia/1430735350_821550.html

CURRICULUM VITAE

Manuel Franco

Part II

TEACHING

Advisees (main advisor unless indicated otherwise)

1. Adrían Dominguez, Master of Public Health program, Specialist in Preventive Medicine and Public Health, Spain's National School of Public Health, 2007-08.

2. Usama Bilal, Master of Public Health program, Spain's National School of Public Health, 2011-12.

3. Paula Beltrán, Master of Public Health program, Specialist in Preventive Medicine and Public Health, Spain's National School of Public Health, 2011-12.

4. Rosemay Remigio-Baker, PhD Program, Johns Hopkins University, 2010 – 2012. Member of the Thesis Committee.

5. Javiera Valdés, PhD Program, University of Alcalá, 2011 – 2013

6. Laura Cobb, DrPH Program, Department of Epidemiology Johns Hopkins University, 2012 – 2015. Member of the Thesis Committee.

7. Usama Bilal, PhD Program, Department of Epidemiology Johns Hopkins University, 2013-under progress

8. Juan Miranda, Master of Public Health program, Specialist in Preventive Medicine and Public Health, Spain's National School of Public Health, 2014-15.

9. Gabriela Rosero Mora, Master of Public Health program, Specialist in Preventive Medicine and Public Health, Spain's National School of Public Health, 2015-16.

10. Alba Cebrecos, PhD Program, Department of Geography and Geological Sciences, University of Alcala, 2014-under progress

11. Pedro Gullón, PhD Program, Division of Preventive Medicine and Public Health, University of Alcala, 2014-under progress

12. Angelica Bonilla, PhD Program, Division of Preventive Medicine and Public Health, University of Alcala, 2014-under progress

Classroom Instruction

- 2015-16, 2014-15, 2013-14, 2012-13, 2011-2012 and 2010-11. Basic Epidemiology, (6 credits), Grado en Biología Sanitaria (BSc on Health Sciences), Universidad de Alcalá.

- 2016, 2015, 2014, 2013, 2012. Course on Social Epidemiology (3 credits, 25 hours), Master of Public Health (MPH), National School of Public Health, Madrid, Spain.

- 2011. Course on Social Epidemiology (20 hours), 1st Annual Summer

School on Public Health. Centro Superior de Salud Pública (CSISP) Valencia.

- 2010-2011. Basic Epidemiology, (6 credits), Licenciatura en Medicina (Doctor of Medicine), Universidad de Alcalá.

- 2010-2011. Public Health and Preventive Medicine (6 credits), Licenciatura en Medicina (Doctor of Medicine), Universidad de Alcalá.

- 2005, 2006, 2007, 2009, 2011, 2012, 2013, 2014, 2015, 2016 Course on Social Epidemiology (2 credits) Johns Hopkins Bloomberg School of Public Health, Baltimore, USA. Co-instructor with Dr. Thomas Glass.

- 2010. Course on Social Epidemiology (2 credits) Johns Hopkins Bloomberg School of Public Health, Baltimore, USA. Co-instructor with Dr. Ana Diez-Roux.

- 2010. Course on Social Epidemiology (3 credits) National School of Public Health, Madrid, Spain.

- 2008-12. Course on Cardiovascular Epidemiology and Prevention. Master of Cardiovascular Biology and Disease (BMM9), Universidad Autónoma de Madrid

- 2008. Course on Social Epidemiology (3 credits) Spanish Summer School of Public Health, Menorca.

- 2007 - 2008. Course on Social Epidemiology (3 credits) at the National School of Public Health, Madrid, Spain. Co-instructor with Dr. Thomas Glass.

RESEARCH GRANT PARTICIPATION

1. Spanish National Plan on Drug Abuse 2016: Urban alcohol environment and regulatory policies in relation to excessive alcohol consumption: The Heart Healthy Hoods mixed methods project (mapping, cohort study and photovoice) Funding level: 60.000 Euros
   Role: co-investigator.

1. National Research Plan 2016: Urban environment and health: A qualitative approach in the Heart Healthy Hoods study.
   Sponsoring agency: MICINN (Spain)
   Principal investigator: Jesus Rivera Navarro
   Funding level: 71.000 Euros
   Role: co-investigator.

1. Health Research Funds (FIS) 2016: Availability of Tobacco Products and Smoke free Policy Implementation in Madrid
   Sponsoring agency: MICINN (Spain)
   Principal investigator: Xisca Sureda.
   Funding level: 69.000 Euros
   Role: co-investigator.

1. Mapfre Research Foundation 2015: A Photovoice Project to Understand the Food Environment in Villaverde, Madrid
   Sponsoring agency: Mapfre Research Foundation
   Principal investigator: Manuel Franco.
   Funding level: 15.000 Euros
   Role: Principal investigator.

1. Johns Hopkins Center for a Livable Future-Lerner Fellowship: Quantitative data on urban environments and population health in the city of Madrid
   PI: Usama Bilal
   Role: co-investigator
   Funding: 95,059 USD

1. ERC Starting Grant 2013 Heart Healthy Hoods: “Social and Physical Urban Environment and Cardiovascular Health: The Much Needed Population Approach”
   Sponsoring agency: European Research Council
   Principal investigator: Manuel Franco.
   Funding level: 1,5 Million Euros
   Role: Principal investigator.

1. Health Research Funds (FIS) 2011: Cardiovascular Health Promotion in Children aged 3 to 5: Evaluation of School Program through a Randomized Clustered Trial in 24 Schools
   Sponsoring agency: MICINN (Spain)
   Principal investigator: Manuel Franco.
   Funding level: 178.000 Euros
   Role: Principal investigator.

1. Ramón y Cajal Fellowship 2010: Epidemiology and prevention of cardiovascular disease. The relevance of psychosocial factors.
   2010 – 15 Ramón y Cajal Fellowship
   Sponsoring agency: MICINN (Spain)
   Principal investigator: Manuel Franco.
   Funding level: 5 year salary support + 15.000 Euros
   Role: Principal investigator.

1. Title of grant: "Psychosocial Factors and Cardiovascular Disease in Spain".
   2010 – 14 Marie Curie International Reintegration Grant.
   Sponsoring agency: FP7-PEOPLE-2009 (EU)
   Principal investigator: Manuel Franco.
   Funding level: 100.000 Euros.
   Main grant objective: To study the association of psychosocial factors with subclinical cardiovascular disease in two large cohort studies in Spain.
   Role: Principal investigator

1. Title of grant: "Food environment in Baltimore City".
   Period: 2007-2010.
   Sponsoring agency: Center for a Livable Future, Johns Hopkins Bloomberg School of Public Health
   Principal investigator: Manuel Franco.
   Funding level: US $ 45,000.
   Main grant objective: To measure the availability of healthy foods in the whole City of Baltimore and develop a Food environment in Baltimore City report.
   Role: Principal investigator.

11. Title of grant: "Type and Cost of Foods Sold in Baltimore Neighborhoods: Impact on Dietary Intake and Cardiovascular Risk"
    Period: 2005 - 2007.
    Sponsoring agency: Center for a Livable Future at Johns Hopkins
    Principal investigator: Manuel Franco.
    Funding level: US $ 20,000.
    Main grant objective: To measure the availability of healthy foods in Baltimore and study its association with dietary patterns and obesity.
    Role: Principal investigator.