

**BIOGRAPHICAL SKETCH**

NAME García-Rivera, Enid J	POSITION TITLE Assistant Professor of Medicine and Director Office of Clinical and Community Health Research
eRA COMMONS USER NAME (credential, e.g., agency login)	

EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
University of Puerto Rico , Rio Piedras, PR	BS	1986-1990	Biology
Boston University, Boston, MA	MPH	1990-1991	Epidemiology and Behavioral Sciences
University of Puerto Rico School of Medicine, Rio Piedras, PR	MD	1992-1996	Medicine
University of Puerto Rico School of Medicine, Rio Piedras, PR	Medical Residency	1996-1999	Family Medicine
Centers for Disease Control and Prevention, San Juan, PR	Fellowship	1999-2000	Epidemiology

1. Personal Statement

The main purpose of the study *A multi-level intervention for chronic disease self-management in the community* is to develop a culturally-tailored, multi-level intervention to support chronic disease self-management in a low-income Hispanic community and test the acceptability and feasibility of implementing the intervention. We will use CBPR and intervention mapping (IM) approaches to develop a multi-level intervention based on community health workers (CHW) to increase knowledge and skills required for chronic disease self-management that will specifically target self-monitoring, use of health care services, medication adherence, and risk behaviors. In this multi-level strategy, patient-based, evidence-based intervention will be complemented with interventions to impact at the family level. As medical epidemiologist I have the expertise, leadership and motivation necessary to lead the development of this research project. Since 2009, I have been leading the development of a community-campus partnership with the Piñones community, facilitating the collaboration with community members in the evaluation of health status and priorities for a research and service agenda. This study is the result of that collaboration. As researcher, I have an extensive experience working with communities as result of my background as family physician and as applied medical epidemiologist. During my appointments as medical epidemiologist at the CDC Dengue Branch, as Commonwealth Epidemiologist for the Puerto Rico Department of Health, and as faculty member of the University of Puerto Rico School of Medicine I had the opportunity to lead the implementation of diverse research initiatives from outbreaks investigations, local and national surveys, and secondary analysis of large databases to clinical trials and community projects including community based participatory research. As result of my previous experiences, I am aware of the relevance of this endeavor and the resources needed for its successful development and am committed to lead the development and implementation of this innovative initiative which address an important gap in current knowledge regarding the role of community participation in the development of intervention to facilitate self-management of chronic disease, especially among Hispanic communities.

2. Positions and Honors

**Positions and Employment**

1996 - 1999	Medical Residency, Family Medicine, University of Puerto Rico School of Medicine
1999 - 2000	Epidemiology Fellowship, Centers for Disease Control and Prevention
2000 – 2005	Medical epidemiologist, Dengue Branch, Centers for Disease Control and Prevention
2003 - 2005	Assistant Professor ad honorem, University of Puerto Rico College of Health Related Professions, MSC
2005	Assistant Professor, University of Puerto Rico School of Medicine
2005 - 2009	Director, Office of Epidemiology and Research, Puerto Rico Department of Health
2005 - 2009	Commonwealth Epidemiologist, Puerto Rico Department of Health
2007 - 2009	Director, Field Epidemiology Training Program, Puerto Rico Department of Health
2009-current	Assistant Professor, University of Puerto Rico School of Medicine

### **Other Experience and Professional Memberships**

2009 - Current	Member, Community-Campus Partnership for Health
2005 - Current	Member, American Public Health Association
2002 - Current	Member, Puerto Rico College of Physicians
2005 - 2008	Member, Council of State and Territorial Epidemiologists
2005 - 2008	Member, Puerto Rico Association of Epidemiologists
2005	Member, Academy Health
1999 - 2006	Member, American Society of Tropical Medicine and Hygiene
1992 - 2007	Member, American Academy of Family Physicians
1992 - 2002	Member, American Medical Association University of Puerto

### **Honors**

2007	Certificate of appreciation for humanitarian assistant to Dominican Republic after Noel Tropical Storm, Government of Puerto Rico
2007	Family Physician of the Year Award 2007, American Academy of Family Physicians, Puerto Rico Chapter
2007	Certificate of appreciation, Centers for Disease Control and Prevention for leadership and diligence during 2007 Dengue Outbreak
2005	Certificate of appreciation, Centers for Disease Control and Prevention for outstanding work
2003	Honor Award Certificate, Centers for Disease Control and Prevention
2000	Certificate of appreciation, Centers for Disease Control and Prevention
2000	Glaxo Wellcome Young Investigator Award, Clinical and Epidemiological Studies
1996	Faculty Distinguish Student Award, Med 96 Class, University of Puerto School of Medicine
1996	Honor List, Med 96 Class, University of Puerto Rico School of Medicine
1996	Leadership Award, Med 96 Class, University of Puerto Rico School of Medicine
1992 - 1996	Leadership Developmental Scholarship, Puerto Rico Manufacturers Association
1990 - 1991	Full Tuition Scholarship, Boston University School of Public Health
1990	Magna Cum Laude, Natural Sciences, University of Puerto Rico
1987 -1989	Honorary Tuition Fee Waiver, University of Puerto Rico 1987-1989
1986 -1990	Natural Sciences Department Faculty Honor List, University of Puerto Rico
1986 -1990	Deans' List, University of Puerto Rico
1987 -1990	Honor Society for Biology, Tri Beta (Zeta Gamma Chapter)
1987 -1990	Honorary Membership, American Society for Microbiology 1989-1990

### **C. Selected Peer-reviewed Publications**

1. Williams, G.Smith, D. Sinha, D. Kernan, G. Minor-Babin, E. Garcia, B. Robertson, R. DiPentima, Shapiro, Hepatitis B Virus Transmission in an Elementary School Setting JAMA, December 24/31, 1997; Vol 278: 24
2. García-Rivera EJ, Rigau-Pérez JG. Dengue infection during the perinatal period: the Puerto Rico experience. Am J Trop Med Hyg 2001; 65: 391
3. Imported Dengue - United States, 1997-1998, (March 2000) MMWR Vol. 49 No. 12; 248-253
4. Rigau-Pérez JG, Ayala-López A, García-Rivera EJ, Hudson SM, Vorndam V, Reiter P, Cano MP, Clark GG. The reappearance of dengue-3 and a subsequent dengue-4 and dengue-1 epidemic in Puerto Rico in 1998. Am J Trop Med Hyg 2002; 67:355-62

5. García-Rivera EJ, Rigau Pérez JG. Encephalitis and dengue. *Lancet* 2002;360:261
6. García-Rivera EJ, Rigau-Pérez JG. Dengue severity in the elderly in Puerto Rico. *Pan Amer J Public Health* 2003; Jun;13(6):362-8
7. John M. Hayes, Enid García-Rivera, Roberto Flores-Reyna, Gloria Suarez-Rangel, Tito Rodríguez, Mata, René Coto-Portillo, Rafael Baltrons-Orellana, Elmer Mendoza Rodríguez, Betty Fuentes de Garay, Juan Jubis-Estrada, Rolando Hernandez Argueta, Brad J. Biggerstaff, José G. Rigau-Pérez. Risk factors for infection during a severe dengue outbreak in El Salvador. *Am J Trop Med Hyg* 2003;69(6): 629-633
8. Carmen L. Pérez-Guerra, Hilda Seda, Enid J. García-Rivera, Gary G. Clark C. Knowledge and attitudes of Puerto Ricans about dengue prevention. *Pan Amer J Public Health* 2005;17:243-253
9. J Torres Aponte, MS, E García Rivera, MD, S Stramer, PhD, R Casanova, MD, G Foster, MS, R Luce, DVM, K Tomashek, MD, H Mohammed, PhD, W Sun, MD, E Hunsperger, PhD, JL Muñoz-Jordán, PhD, C Colon, MS, E Vergne, M Verduin. Detection of West Nile Virus in Blood Donations, Puerto Rico, 2007. *Morbidity and Mortality Weekly Report* 2008;57(21):577-580
10. W. Lledo, M. Hernandez, OL Molinari, RQ Soto, E Hernandez, N Santiago, M. Flores, GK Vazquez, IE Robledo, E Garcia-Rivera, A Cortes, M. Ramos, R Goering. A Srinivasan, C. Gould, N. Stine. M Bell, K. Anderson, B. Kitchel, B. Wong, JK Rasheed, J patel, K Tomashek, E. Llata, CJ Gregory. Guidance for Control of Infections with Carbapenem-Resistant or Carbapenase-producing Enterobacteriaceae in Acute Care Facilities. *Morbidity and Mortality Weekly Report* 2009;58(10):256-260
11. García- Rivera EJ, Vorndam V, Rigau-Pérez JG. Use of enhanced surveillance for encephalitis and aseptic meningitis for the detection of neurologic manifestations of dengue in Puerto Rico. *PRHSJ* 2009: 28(2): 114-120
12. Kay M. Tomashek\*, Aidsa Rivera, Jorge L. Muñoz-Jordan, Elizabeth Hunsperger, Luis Santiago, Oscar Padro, Enid Garcia, Wellington Sun. Description of a Large Island-Wide Outbreak of Dengue in Puerto Rico, 2009. *Am. J. Trop. Med. Hyg.* 2009; 81(3): 467-474
13. S. Miranda, B. Lopez, EJ Garcia-Rivera, M Rangel, AL Hernandez, L Espinoza, R Song, R Zhang, Z Myles. Incidence and diagnosis of HIV Infection – Puerto Rico 2006. *Morbidity and Mortality Weekly Report* 2009;58(21); 589-591
14. Robertson K, Recuenco S, Niezgodna M, Garcia EJ, Rupprecht CE. Seroconversion following incomplete human rabies postexposure prophylaxis. *Vaccine*. 2010; 28(39): 6523-6. Epub 2010 Jul 14
15. Lopez-Charneco M, Conte-Miller MS, Davila-Toro F, García-Rivera EJ, Zavala DE, Torres Y, Rodriguez Orengo JF. Motor Vehicle Accident Fatalities Trends, Puerto Rico 2000–2007. *J Forensic Sci*. 2011 Sep;56(5):1222-1226.

## C. Research Support

### Ongoing Research/Training Support

R25RR017589-08S1 (Estepa, PI) 08/13/2009 – 08/12/2012  
Clinical Research Education and Career Development (CRECD) in Minority Institution – Supplement to enhance online training, mentorship activities and research support of the Post-doctoral Master in Clinical Research  
Role: Co-investigator and Coordinator

Sanofi Pasteur (Zevallos, PI) 07/01/2009 – 03/31/2012  
Immunogenicity And Safety Of Sanofi Pasteur's CYD Dengue Vaccine In Healthy Children And Adolescents Aged 9 To 16 Years In Latin America  
Role: Co-investigator

### Completed Research/Training Support

Centers for Disease Control and Prevention  
Epidemiology and Laboratory Capacity Grant (Garcia, PI) 06/01/2006 – 02/05/2009  
The goal of this support was to increase current laboratory capacity as well as collaboration between the Public Health Laboratory and the Epidemiology team during outbreaks or other investigations of public health significance  
Role: PI (06/08 – 02/09) Co-Pi (06/06 – 05/08)

Centers for Disease Control and Prevention

Development of Rapid Response Epidemiology Team (Garcia, PI)

12/2007 - 08/2008

The goal of this project was to develop a training program for rapid response targeting epidemiologist at the Puerto Rico Department of Health

Role: PI

Council of State and Territorial Epidemiologist (Garcia, PI)

Interagency Coordination for Avian Influenza Rapid Response

03/2007 - 07/2007

The goal of this project was to develop training seminars on rapid response to avian influenza through inter-agency coordination

Role: PI

Association of Public Health Laboratories

(Martinez, PI)

05/2007 - 09/2007

Training on Influenza for Laboratories

The goal of this project was to enhance training and laboratory capacity for the rapid detection and diagnosis of influenza in Puerto Rico

Role: Co-PI