

Roberta M. Lugo-Robles, DrPH, M.P.H.

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Last updated: 01/20/2020

Current Position(s)

Clinical Epidemiologist Postdoctoral Fellow, Preventive Medicine and Biostatistics Department
Uniformed Services University
Henry M. Jackson Foundation
Bethesda, MD

Education

Clinical Epidemiologist Postdoctoral Fellow, Uniformed Services University Bethesda, MD	2019 – Present
Practicum Experience Doctoral Program Atlantis Healthcare Group, Inc. San Juan, Puerto Rico	2016 – 2017
DrPH, Ponce Health Sciences University Ponce, Puerto Rico	2013 – 2018
Practicum Experience Master Program Atlantis Healthcare Group, Inc. San Juan, Puerto Rico	2012 – 2013
M.P.H., Ponce Health Sciences University Ponce, Puerto Rico	2011 – 2013
Biological and Biomedical Science Program (Summer Intern) University of North Carolina Chapel Hill, EE.UU.	2009
B.S. in Biology (magna cum laude), University of Puerto Rico Cayey, Puerto Rico	2007 – 2011

Professional Positions and Experience

Independent Research Consultant San Juan, Puerto Rico	2013 – Present
Epidemiologist of the Emergency Response Proposal: Public Health Crisis Response (Projects 3.2 & 3.3) Puerto Rico Department of Health San Juan, Puerto Rico	01/2019 – 2/2019
Educator in Arboviral Diseases Puerto Rico Department of Health San Juan, Puerto Rico	05/2018 – 12/2018

Epidemiologist of the Behavioral Science Team Zika Response Caduceus Healthcare and Centers for Disease Control and Prevention San Juan, Puerto Rico	05/2017 – 10/2017
Zika Response Health Educator (Guillain Barré Surveillance System) Caduceus Healthcare and Centers for Disease Control and Prevention San Juan, Puerto Rico	2016 – 2017
Data Analyst at AIDS Research Program Ponce School of Medicine and Health Sciences Ponce, Puerto Rico	2012 – 2016
Chaperone at the High School Short-Term Research Experience Program National Institute of Diabetes and Digestive and Kidney Diseases Bethesda, Maryland	08/2016
Public Affairs Office Summer Intern, Veterans Health Administration (VHA) 08/2015 Bath VA, New York	

Professional Development

Making Contact: A Training For Covid-19 Contact Tracers Association of State and Territorial Health Officials (ASTHO) and the National Coalition of STD Directors (NCSD).	2020
Disaster Health Core Curriculum Competency Online Modules 1-9 American Public Health Association (7 credit hours)	2019
Good Clinical Practice National Institute on Drug Abuse, National Institutes of Health, Online	2019
Clinical and Translational Research Summer Course (2 weeks) National Institutes of Health, Bethesda, MD	2019
The R Language for Statistical Computing and Graphics (7 hours training) 2015 San Juan, Puerto Rico	
Ponce Health Sciences University Global Leadership Conference Ponce, Puerto Rico	2015
Cancer 101 – Teaching Modules of cancer education in the community Ponce, Puerto Rico	2015
“Train the trainers” –Train professionals to educate community regarding emerging diseases such as Dengue/Chikungunya e Influenza. Medical Reserve Corps, San Juan, Puerto Rico	2015
Strategic National Stockpile (SNS) Training Medical Reserve Corps, San Juan, Puerto Rico	2015

SPSS Hands- On Workshop: Introduction to Database Management and Basic Descriptive Statistics Ponce, Puerto Rico	2012
National Incident Management System (NIMS) – An Introduction IS-00700.a Emergency Management Institute, Online	2012
National Response Framework, An Introduction – IS-00800.b. Emergency Management Institute, Online	2012
Introduction to Incident Command System – ICS-00100.b Emergency Management Institute, Online	2012
“Performing Undergraduate Research Following a Responsible Code of Conduct” University of Puerto Rico – Cayey, Puerto Rico	2010
“Complying with Principles of Ethics and Data Validation University of Puerto Rico – Cayey, Puerto Rico	2009
Genomic DNA to Protein Workshop University of Puerto Rico – Cayey Puerto Rico	2008

Professional Memberships and Activities

Public Health Association (Treasurer)	2013 – 2014
Public Health Academic Senator	2011 – 2012
Academic Senate of Ponce School of Medicine and Health Sciences	
American Medical Student Association	2010 – 2011

Honors and Awards

CDC's Center for Preparedness and Response 2018 Publication Honor Award, Category “Epidemiology and Surveillance for the publication: Clinical Features of Guillain-Barré Syndrome With vs Without Zika Virus Infection, Puerto Rico, 2016	2018
Honor Roll Award at Ponce Health Sciences University	2013 – 2018
Travel award to present at the National Kidney Foundation 2014 Spring Clinical Meeting Las Vegas, Nevada.	2014
Scholarship to present at the New England Science Symposium at The Joseph B. Martin Conference Center at Harvard Medical School.	2014
Scholarship of Excellent Academic Development Ponce Health Sciences University, Ponce, Puerto Rico	2014
Distinguished Speaker at Conferences about Coffee Industry by Desarrollo Integral del Sur (DISUR), Ponce Puerto Rico	2014
Honor Roll Award at University of Puerto Rico at Cayey	2007 – 2011

Publications

Peer-reviewed

Implementation and Evaluation of Guillain-Barré Syndrome Surveillance in Puerto Rico during the 2016 Zika Virus Epidemic. Chelsea G. Major; Emilio Dirlikov, Nicole A. Medina, **Roberta Lugo-Robles**; Desiree Matos; Jorge Muñoz-Jordán,....Brenda Rivera-García, (2018). PRHSJ, 37, S85-S92

Clinical Features of Guillain-Barré Syndrome With vs Without Zika Virus Infection, Puerto Rico, 2016. Emilio Dirlikov, Chelsea G. Major, Nicole A. Medina, **Roberta Lugo-Robles**, Desiree Matos, Jorge L. Muñoz-Jordan,...Brenda Rivera-García. (2018). *JAMA Neurology*, 75(9):1089-1097 doi: 10.1001/jamaneurol.2018.1058

Effectiveness of Oral Nutritional Supplements on Malnourished Hemodialysis Patients. **Roberta M. Lugo Robles**, Damaris Vázquez and Himilce Vélez, (2013). *Scientific International Journal*, 11(1), 170-178.

Effectiveness of Oral Nutritional Supplements on Malnourished Hemodialysis Patients. **Roberta M. Lugo Robles**, Damaris Vázquez and Himilce Vélez, (2013). *Scientific International Journal*, 11(1), 170-178.

Effectiveness of Oral Nutritional Supplements on Malnourished Hemodialysis Patients. **Roberta M. Lugo Robles**, Damaris Vázquez and Himilce Vélez, (2013). *Scientific International Journal*, 11(1), 170-178. 2013

Newspaper

El Nuevo Día- "Datos que no vemos, epidemia que no entendemos" by R.Lugo, April 18, 2020, Punto de Vista section, electronic version. Opinion column regarding COVID-19 Pandemic

Primera Hora— "Importancia de la Vigilancia Epidemiológica" by R.Lugo, March 20, 2020, p. 2. Desahogo section, Opinion Column regarding COVID-19 Pandemic

El Nuevo Día- "Solidarity Pills" by M.Cotto and R.Lugo, March 17, 2020, Punto de Vista electronic version. Opinion column regarding COVID-19 Pandemic

Published Abstracts and Presentations

Lugo, R. M., Vázquez, D., & Vélez, H. (2014). Effectiveness of Oral Nutritional Supplements on Malnourished Hemodialysis Patients. *Journal of Renal Nutrition*, 24(2). doi:10.1053/j.jrn.2014.01.008 2014

Oral Presentations

Invited Presentations

Preparándonos para el Segundo Siglo con Enfoque en la Salud Pública. Speaker at the 43th Annual Convention of Nutrition and Dietetics in Puerto Rico. 2018

"Consumo de Café y sus Efectos a la Salud". Conferences about Coffee Industry by Desarrollo Integral del Sur (DISUR), Inc. Villalba, P.R. 2014

Local/Regional Meetings

Effectiveness of Oral Nutritional Supplements on Malnourished Hemodialysis Patients. 2013

9th Annual Research Conference at Ponce School of Medicine and Health Sciences

Poster Presentations

National/International Meetings

Effectiveness of Oral Nutritional Supplements on Malnourished Hemodialysis
2014

Patients. National Kidney Foundation 2014 Spring Clinical Meeting
Las Vegas, Nevada.

Communication Enhancement in Men Who Have Sex with Men Community. 2014
International Symposium on Minority Health and Health Disparities
National Harbor, Maryland.

Marker Assisted Inbreeding in the Advanced Generations of the Collaborative Cross: 2009
Chromosomes 7, 9 and 11. The Annual Undergraduate Research Symposium & Poster
Session: A Celebration of Undergraduate Research
University of North Carolina at Chapel Hill, NC, EE.UU.

Local/Regional Meetings

Effectiveness of Oral Nutritional Supplements on Malnourished Hemodialysis
2015

Patients. Healthiest Nation 2030. National Public Health Week
San Juan Puerto Rico

Malnourished Hemodialysis Patients Profile. 2014
34th Annual Research and Education Forum at University of Puerto Rico Medical
Sciences Campus.

Effectiveness of Oral Nutritional Supplements On Malnourished Hemodialysis Patients. 2014
New England Science Symposium, The Joseph B. Martin Conference Center
Harvard Medical School, Boston, MA

Malnourished Hemodialysis Patients Profile. 2013
9th Annual Research Conference, Ponce School of Medicine and Health Sciences.

Effectiveness of Oral Nutritional Supplements on Malnourished Hemodialysis Patients.
2013

Foro Internacional de Excelencia en la Investigación.
Universidad Metropolitana, Puerto Rico.

Amplification and Direct Sequencing of Library Fungal rRNA Genes Utilizing Previously
2010

Identified ITS Markers for Phylogenetic Analysis. *January Student Research Symposium.*
UPR – Cayey, Puerto Rico.

Amplification and Direct Sequencing of UPR-Cayey Library Fungal rRNA Genes Utilizing 2010
Previously Identified Markers. *XXX Annual Forum of Research and Education.*
University of Puerto Rico Medical Sciences Campus, Puerto Rico.

Study of Basidiomycota Diversity in a Secondary Forest Located at UPR – Cayey. 2009
29th Puerto Rico Interdisciplinary Scientific Meeting (PRISM)
UPR – Rio Piedras, Puerto Rico

Marker Assisted Inbreeding in the Advanced Generations of the Collaborative Cross: Chromosomes 7, 9 and 11. 20th Annual Student Research Symposium at UPR – Cayey.	2009
Characterization and DNA extraction of isolated samples obtained from Victor M. Pons Library. December Student Research Symposium UPR – Cayey, Puerto Rico.	2009
Study of Basidiomycetes Diversity in a Secondary Forest Located at UPR – Cayey. December Student Research Symposium UPR – Cayey, Puerto Rico.	2008
Alzheimer's Disease & Women: A Research Review. December Student Research Symposium. UPR – Cayey, Puerto Rico.	2007

Other Creative Products

Educational Page: Salud Pública en Acción (www.facebook.com/DraRLugoRobles)

Educational Videos:

How to use and dispose correctly gloves (Over 2,000 views)

03/25/2020

How to use a surgical mask correctly (Over 40,000 views)

03/25/2020

Webinar: COVID-19 Pandemic (Over 5,000 views)

03/24/2020

Author and creative design

Blog: Who is speaking? (aidslabresearch.wordpress.com)

2016

Author and creator

2014-

Other Scholarly Products

Biostatistics and Methodology Consulting for Project: REACH: A Gap Analysis of Telemedical Capabilities of the Special Operation Medic 06/2019- Present

Biostatistics and Methodology Consulting for Project: Describing the Prevalence of Depression during the Course of a Pregnancy among Women Living with HIV in Sub-Saharan Africa. 07/2019
Bethesda, MD

Data Management Project: Influences of Community Interventions on Zika Prevention Behaviors of Pregnant Women in Puerto Rico 2017 – 2018
San Juan, Puerto Rico

Data Acquisition and Technical Support: Acute Zika Virus Infection as a Risk Factor for Guillain-Barré Syndrome in Puerto Rico. 2016 –2017

San Juan, Puerto Rico

Data Management and Project Design: Mineral Bone Disorders in Deceased Hemodialysis Patients
San Juan, Puerto Rico 2015

Data Management and Analysis: Association between fine needle aspirations cytology and final pathology in the diagnosis of thyroid nodules with surgical indication.
Ponce, Puerto Rico 2015

Data Management and Analysis: Screening for Pulmonary Hypertension in Hemodialysis Patients
Ponce, Puerto Rico 2015

Survey Design and data collection: Baseline Survey: Knowledge, Attitudes and Practices regarding HIV/ AIDS on girls, boys and adolescents.
Ponce, Puerto Rico 2014

Data management: Distress, Depression and Inflammation as the Factors Associated with Worsening Type 2 Diabetes Conditions of Puerto Rican Patients.
Ponce, Puerto Rico 2012

Community Activities

Community Volunteer for the Public Health Response after Puerto Rico earthquakes
Guayanilla, Puerto Rico 01/2020

Volunteer on the Medical Reserve Corps of Puerto Rico
FEMA Individual and Community Preparedness Division
Ponce, Puerto Rico 2012 – Present

Career Path Presentation for Girls Rising in Technology
Bethesda-Chevy Chase High School
Bethesda, MD 04/26/2019

Secretary of a Community Coalition in Guayanilla, P.R. “ Coalición de Acción y Prevención el Guayacán” for drug abuse prevention
Guayanilla, Puerto Rico 2014 – 2015

Medical Student Association from Puerto Rico
Provide educational conferences to community.
Cayey, Puerto Rico 2014

Epi Aid Teams – “Dengue Orientations on Health Clinics”
Ponce, Puerto Rico 07/2012

Scuba Dogs Society - International Coastal Cleanup
Guayanilla, Puerto Rico 06/2012



Signature

July 5, 2020
Date