

Manuel Colomé-Hidalgo

Hospital Pediátrico Dr. Hugo Mendoza ~ Epidemiology Department
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EDUCATION

Universidad Rey Juan Carlos Doctor in Epidemiology and Public Health Dissertation Project: Social determinants of inequity in vaccine coverage Thesis advisor: Angel Gil de Miguel Study field: socioeconomic determinants and health inequalities.	Madrid, Spain 2017-2021
Universidad Autónoma de Madrid Expert Diploma in Pathology due to emerging viruses, high-risk viruses, and management of high-level isolation units.	Madrid, Spain 2022-2023
Universidad San Jorge Master's in Health Sciences Research Master's in Microbiology and Infectious Diseases	Zaragoza, Spain 2015-2016 2019-2020
Instituto Tecnológico de Santo Domingo Master in Bioethics Completed coursework and examination requirements for a second degree in fundamental and clinical bioethics	2013-2015
Universidad Autónoma de Santo Domingo Doctor of Medicine	2004-2010

ACADEMIC EXPERIENCE

Instituto Tecnológico de Santo Domingo Professor – Epidemiology and Preventive Medicine	2017 – Present
Universidad Autónoma de Santo Domingo Associate Professor – School of Public Health Director of Health Research Institute	2015 – Present 2022 – 2026
Human Vaccines & Immunotherapeutics Associate Editor Responsible for determining the relevance of the articles received, ensuring ethical aspects of the publication, reviewing the quality of the manuscripts.	2023 – Present

PROFESSIONAL EXPERIENCE

Hospital Pediátrico Dr. Hugo Mendoza Director - Epidemiology Department Coordinator of the infection prevention and control program, vaccination center, research, statistics, epidemiological surveillance, occupational health, hospital organization, and management. Expert in the application of the CAF and EFQM Model for the management of change in the healthcare company.	2015 – Present
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National Health Service

Epidemiology Coordinator

2019-2020

In charge of coordinating the response of the hospital epidemiology services in the second and third level centers. Participate in the investigation and response to epidemiological emergencies, through coordination with rapid response teams, at the municipal, provincial, regional or national level.

HONORS

- 2023 Natural Sciences and Health Sciences Award - Epidemiology, Fundación Corripio Inc.
- 2023 National Medicine Award
- 2022 National Science Award, Dominican Republic Government
- 2022 Research in Humanitary Medicine and Public Health, Universidad Rey Juan Carlos
- 2021 Outstanding Field Epidemiologist, Ministry of Health
- 2017 Contributions to improve health services, National Health Service

RELEVANT GRANT ACTIVITY

AI4PEP – Global South AI for Pandemic & Epidemic Preparedness & Response

Artificial Intelligence and Eco-Epidemiology-Based Early Warning Systems for the Improvement of Public Health Response to Aedes-Borne Viruses in the Dominican Republic.

BID - Banco Interamericano de Desarrollo - Innovation and Territorial Intelligence Laboratory

Predictive Model and Risk Management of COVID-19 in the Dominican Republic.

FONDOCYT - Ministry of Higher Education, Science and Technology

Design of a dengue outbreak predictive model and its implementation in an artificial intelligence system, Metropolitan Region, Dominican Republic.

EULAC-HEALT - Defining a Roadmap for Cooperative Health Research between the EU and Latin America-Caribbean countries: A Policy Oriented Approach

Improving of hookworm monitoring through the development of rapid diagnosis tests

TEPHINET - Training Programs in Epidemiology and Public Health Interventions Network: Zika Preparedness and Response Field Epidemiology Projects Mini-Grant Opportunity

Evaluation of microcephalia surveillance system in Metropolitan Area, Dominican Republic, 2016-2017.

RELEVANT PUBLICATIONS

1. Colomé-Hidalgo, Manuel, Juan Donado Campos, and Ángel Gil de Miguel. "Tracking the impact of the COVID-19 pandemic on routine infant vaccinations in the Dominican Republic." *Human vaccines & immunotherapeutics* 18.1 (2022): 1972708.
2. Colomé-Hidalgo, Manuel, Juan Donado Campos, and Ángel Gil De Miguel. "Exploring wealth-related inequalities in maternal and child health coverage in Latin America and the Caribbean." *BMC public health* 21.1 (2021): 1-7.
3. Colomé-Hidalgo, Manuel, Juan Donado Campos, and Ángel Gil de Miguel. "Monitoring inequality changes in full immunization coverage in infants in Latin America and the Caribbean." *Revista Panamericana de Salud Pública* 44 (2020): e56.
4. Robert, Michael A et al. "Spatiotemporal and meteorological relationships in dengue transmission in the Dominican Republic, 2015-2019." *Tropical medicine and health* vol. 51,1 32. 2 Jun. 2023, doi:10.1186/s41182-023-00517-9
5. Encarnacion Ramirez, Manuel et al. "Development of a 3D Printed Brain Model with Vasculature for Neurosurgical Procedure Visualisation and Training." *Biomedicines* vol. 11,2 330. 24 Jan. 2023, doi:10.3390/biomedicines11020330