



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO  
\_\_6366\_\_

ID CODE

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at Dipartimento di Social and Political Sciences

Scientist- in - charge: Raffaele Vacca

[Name and surname]

## CURRICULUM VITAE

### PERSONAL INFORMATION

Surname	Galindo Jaramillo
Name	Juan Fernando

### PRESENT OCCUPATION

Appointment	Structure
Assistant Professor	Fundação Hermínio Ometto University

### EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	Electronics Engineering	Universidad Pontificia Bolivariana	2005
Specialization			
PhD	PhD. in Technology - Information and Communication Systems	Universidade Estadual de Campinas	2023
Master	Master in Technology - Information and Communication Systems	Universidade Estadual de Campinas	2018
Degree of medical specialization			
Degree of European specialization			



Other			
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## REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date registration	of Association	City
2005	IEEE	Piscataway

## FOREIGN LANGUAGES

Languages	level of knowledge
English	Fluent
Spanish	Fluent
Portuguese	Fluent

## AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2022	CAPES PhD. Scholarship

## TRAINING OR RESEARCH ACTIVITY

My research consisted on creating an agent-based model for cervical cancer detection at an early stage in the state of São Paulo, Brazil. For the creation of the model, social determinants of health were considered as parameters. A logistic regression model was created for model validation and calibration.
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## PROJECT ACTIVITY

Year	Project
2023	Agent-Based Modeling for Cervical Cancer Detection

## PATENTS

Patent BR 10 2022 023516 3 - MÉTODO E PROCESSO DE GESTÃO DIAGNÓSTICA LABORATORIAL FITOSSANITÁRIA



## CONGRESSES AND SEMINARS

Date	Title	Place
2023	2023 Winter Simulation Conference	San Antonio
2022	2022 Winter Simulation Conference	Singapore
2021	IEMCON 2021	Vancouver

## PUBLICATIONS

Books
[title, place, publishing house, year ...]
[title, place, publishing house, year ...]
[title, place, publishing house, year ...]

Articles in reviews
Social determinants influencing cervical cancer diagnosis: an ecological study, International Journal for Equity in Health, BMC, 2023
Covid Data Analytics Repository: An interdisciplinary look into the COVID-19 pandemic in Brazil, Journal of Information and Data Management, Brazil, SBC Open Lab, 2022
[title of the article, review, place, publishing house, year ...]

Congress proceedings
Agent-Based Model for Analysis of Cervical Cancer Detection, 2023 Winter Simulation Conference, San Antonio, 2023
Modeling and Simulation for Farming Drone Battery Recharging, 2023 Winter Simulation Conference, San Antonio, 2023
Use of Social Determinants of Health in Agent-based Models for Early Detection of Cervical Cancer, 2022 Winter Simulation Conference, Singapore, 2022
Missing Data: Comparison of Multiple-Imputation Algorithms for Social Determinants of Health in Cervical Cancer Stage Detection, IEMCON 2021, Vancouver, 2021

## OTHER INFORMATION




Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Please note that CV WILL BE PUBLISHED on the University website and It is recommended that personal and sensitive data should not be included. This template is realized to satisfy the need of publication without personal and sensitive data.

Please DO NOT SIGN this form.

Place and date: Limeira, 1st of May 2024