DIANA LEITE PORTELA DA SILVA

Medical Doctor and
Data Scientist

NATIONALITY: PORTUGUESE

BIRTH DATE: 18/04/1991

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WORK EXPERIENCE

Medical Doctor (2018-), Public Health Residency Program (2019-)
Research and Planning Department – Regional Healthcare Administration – North Region (Min. of Health)

(i) Member of the management team of 2-CIACS project and working group of PPCIRA (worked on data governance for the implementation of an API technology through the healthcare information system for Prevention and Control of Infections and Antimicrobial Resistance - PPCIRA);
(ii) Support in the introduction of new digital technologies for team collaboration and integration of digital technologies in ongoing health care activities and Cancer Screening Programs;
(iii) Public Health Services response team – support in the implementation of workflow for data collection, archive, transformation, and analysis. Production of BI reports for the COVID-19 Pandemic; Contact tracing and COVID-19 management;
(iv) Actively worked in health promotion in local community;
(v) Collaboration in planning, research, monitoring and evaluation of the cancer screening programs at regional and local level;
(vi) Consultancy in the European Commission Project - Cooperation and training on innovation and entrepreneurship in the eHealth community (CONNECT)

Project Manager (2019-)
EIT Health Alumni Network

(i) Management of live networking email lists, organization of events, minutes drafting, administrative support and other ad-hoc organizational and programmatic work.
(ii) Leader organization in international events – "Walk2walk", "Reverse Pitch", "Rise Up"
(iii) Facilitator and Speaker at Innovation Days in Oporto, Porto and in Paris, France

Visiting Lecturer and Research collaboration (2019-)
Faculty of Medicine of the University of Porto (Porto, Portugal)

(i) Introduction to Medical Informatics to PhD Program in Health Data Science (2021-)
(ii) Health Services research to 1st year students of the Integrated Master's Degree in Medicine (2020)
(iii) Population Health (Clinical Epidemiology, Predictive Medicine and Public Health Department) to 1st year students of the Integrated Master's Degree in Medicine (2019)
(iv) Reviewer at International Journal of Data Science and Analytics

Industry Fellow
Founder of Aidemy.Health (2020-2021)
Jury and Audience Prize Award Winner at Gastein European Health Forum
HopeCare, SA (2020-21)
Medical advisor consultant and data analyst

EDUCATION

PhD Candidate in Health Data Science – Specialty: Health Intelligent Data (2019-)
Faculty of Medicine of the University of Porto (Porto, Portugal)

A cluster analysis entitled *"How can multimorbidity impact on hospitalizations clinical and economic outcomes? A case study on asthma"*

EIT Health PhD Label – Ageing at EIT PhD School 2020 (sponsored by European Innovation and Technology)

Medical School (2010-2017)
Instituto de Ciências Biomédicas Abel Salazar, University of Porto (Porto, Portugal)

Integrated Master´s in Medicine completed with an average of 15/20. Master thesis in Public Health field, using SHARE PROJECT database (WAVE 4) and SPSS for research - entitled "Grip Strength and Cardiovascular Risk Factors in older adults across Europe" – Grade 19/20

International Mobility programmes: ERASMUS programme in University of Bordeaux, France (3 months, 2016) and in 1st Charles University, Czech Republic, Prague (3 months, 2015); FREE MOVER programme in University Vale Itajaí, Brasil (12 months, 2014)

Internships with International Federation of Medical Students Association (IFMSA)- July 2016: Internship Lausanne (Switzerland) - Clinical Internship in Rehabilitation; July 2013: Internship Vitória (Brasil) - Clinical internship in Dermatology; August 2012: Internship Tunis (Tunisia) - Research in Pharmacovigilance

Post-graduation in Information technology Management (2021)
Porto Business School, University of Porto (Porto, Portugal)

Post-graduation in Travel Medicine (2019)
Faculty of Medicine of the University of Porto (Porto, Portugal)

Short courses Programs
- **Python and Machine Learning Summer School** (2021)- Católica Porto Business School (Porto, Portugal)
- **Leading Digital Transformation** at MIT (Online, 2020) – sponsored by *Santander Becas scholarship*
- **H-Impact Program** at Ghent University (Belgium, September 2019 – December 2019)
- **Artificial Intelligence for Healthcare -** EIT Health Summer School at BioHealth Computing Schools (Archamps, France, July 2019)

PERSONAL SKILLS

Commitment
Critical thinking and Creativity
Responsibility
Management and Governance
Communication
Teamwork and leadership
Complex Systems Thinking
Punctilious and Detail-oriented
Adaptability and Independence
Intercultural Communication
and Contextual Intelligence

COMPUTER SKILLS

Competent in the use of **Microsoft Office Word, Excel, PowerPoint and Latex**

Competent in data visualization using **PowerBI**

Competent in statistical analysis and machine learning using **R Programming Language; Basic Python competences**

Good proficiency in cloud-based data management tools like **SharePoint, OneDrive, or Google Drive.**

LANGUAGE SKILLS

Portuguese – Mother tongue

English – C1

Spanish – B1

French – B2

(Certificate from the Alliance Française, Porto, 2016)

PUBLICATIONS

Scientific paper published in the International Journal of Environmental Research and Public Health
Portela D, Almada M, Midão L, Costa E. Instrumental Activities of Daily Living (iADL) Limitations in Europe: An Assessment of SHARE Data. Int J Environ Res Public Health. 2020 Oct 10;17(20):7387. doi: 10.3390/ijerph17207387. PMID: 33050460; PMCID: PMC7599802.

Scientific abstract published in the European Journal of Public Health
D Portela, V Cruz, H Monteiro, F Tavares, Cervical cancer screening information flow in Northern regional administrative service in Portugal, European Journal of Public Health, Volume 30, Issue Supplement_5, September 2020, ckaa166.005, https://doi.org/10.1093/eurpub/ckaa166.005

G Monteiro, S B Travassos, J M Carvalho, R Marques, D Fernandes, D Portela - *COVID-19 predictability in Portugal using Google Trends,* https://doi.org/10.1093/eurpub/ckab165.010

Scientific paper published in the The Journal of Frailty & Aging
Almada, M., Brochado, P., Portela, D. et al. Prevalence of Fall and Associated Factors Among Community Dwelling European Older Adults: A Cross-Sectional Study. J Frailty Aging (2020).
https://doi.org/10.14283/jfa.2020.44

Scientific paper in National Scientific Magazine (Acta Médica Portuguesa)
Marta Almada, Luís Midão, Diana Portela, Inês Dias, Francisco J. Núñez-Benjumea, Carlos L. Parra-Calderón, Elísio Costa
"Um novo paradigma em investigação em saúde: dados FAIR (localizáveis, acessíveis, interoperacionais, reutilizáveis)"

Poster presentation in multiple International and Nacional Conferences
4 international Posters presented in:
WPHC2020: D Portela, V Cruz, H Monteiro, F Tavares - *Cervical cancer screening information flow in Northern regional administrative service in Portugal;*
OSFair2019: (1) Marta Almada, Diana Portela, Luis Midao, Sinaci, Núñez-Benjumea, Parra-Calderón and Elisio Costa - *User scenarios to promote the use of FAIR data on health research;*
(2) Marta Almada, Luís Midão, Diana Portela and Elísio Costa - *The Survey of Health, Ageing and Retirement in Europe: experience of a single group using this open access database;*
ESPACOMP2019: Marta Almada, Diana Portela, Marina Maffoni, Anna Giardini, Przemyslaw Kardas, Luís Midão, Elísio Costa - *Limitations of basic and instrumental activities of daily living among Polymedicated older adults in Europe: a cross sectional study*
6 posters presented in National Conferences (Public Health residente Meetings, Health Promotion Association - APPSP Meeting, Oncology conference - Encontros de Primavera).

Opinion articles published in National Newspapers
2 opinion articles published in online version in Publico Journal entitled "*Olhar mas não ver: uma só Saúde para potenciar recursos*" and "*Teletrabalho: mais uma questão de Saúde Pública*"
1 opinion article published in printed version in Diario de Noticias Journal entitled "*Os papel dos médicos e a Inteligência artificial na Saúde*"

VOLUNTEER EXPERIENCE

HL7 Portuguese association (2020-)
Associated member with activities in working groups.
EIT Health Alumni (2019-)
Local representative in Porto
Saúde+Pública (2019)
National Newsletter of Public Health Residents, Member in Communication Section
Porto4Ageing (2018-)
Associated member with activities in working groups.
ANEM Portugal (2015)
National summer project of public health. Speeches about the adoption of preventive health measures, namely about the transmission of Sexually Transmitted Diseases.
Medical Association: AEICBAS-UP (2011-2012)
Active member of Medical association in Physical Health Department. The responsibilities related with this position were: - To promote the practice of physical activity in university students; - To organize, coordinate and supervise activities; - To initiate and facilitate approved projects for all departments.
VO.U. – University Volunteer Association (2011-2012)
Main activities performed: - Fundraising campaign and material regarding the needs overseas; - Creation and management of new projects; - Office, managing and development work.

INTERESTS AND HOBBIES

Dancing, Sports (member of competitive swimming team), **Snowboarding** (4th place at European Roxy Snowgirls Championship)**, Travelling and culture** (backpacking experience in South America and Australia), **Photography** (1st Winner at EIT Health Alumni Summit, Paris and 2nd photo contest at AEICBAS Cultural Week, Porto)