

CURRICULUM VITAE

Personal information

Name: Inês Fronteira

Gender: Female

Place and date of Birth: Portugal, 5th December 1978

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Professional details

Job title: Assistant professor

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Short summary

Registered nurse, Master in Public Health, PhD in International Health. Assistant Professor at the International Public Health and Biostatistics Department at the Institute of Hygiene and Tropical Medicine (IHMT) - Universidade Nova de Lisboa where she is responsible for the teaching of epidemiology in all post-graduate courses. Advisor to the Minister of Health, Cabinet of the Minister of Health (2018-2019), consultant for the National Health Council (2017-2018) and for the Directorate General of Health (epidemiology) in Portugal. Coordinator of the Master Program in Public Health and Development (2015-2018), member of the Ethics Council of IHMT (2016-2018). Deputy Director of the IHMT International Public Health and Biostatistics Department between 2012 and 2015. Responsible for research of the WHO Collaborating Center on Health Workforce Policy and Planning between 2011 and 2014. Teaches postgraduate courses at the IHMT and is a guest lecturer at several national and international universities. Supervisor of several PhD and Master students. Collaborates in different national and international projects (in the EU and in Portuguese-speaking African countries).

Has been collaborating with World Health Organization, the European Observatory on Health Systems, the World Bank, the International Council of Nurses and the European Observatory on Health Systems. Has work experience in Angola, Mozambique, Cape Verde, Guinea-Bissau, Brazil and in several countries in Europe. Deputy editor of the International Journal Human Resources for Health and associate editor of the BMC health Services Research. As authored several books, book chapters and peer-reviewed papers.

Current positions

Since 2011 Assistant professor, International Public Health and Biostatistics Department, Institute of Hygiene and Tropical Medicine, Universidade Nova de Lisboa, Portugal

Since 2019 Deputy editor BMC Human Resources for Health

Since 2019 Associate editor BMC Health Services Research

Education

2012 Diploma in Special Studies in Epidemiology (EPIET equivalent)

2011 PhD in International Health, Institute of Hygiene and Tropical Medicine, Universidade Nova de Lisboa

2003 Master in Public Health, National School of Public Health, Universidade Nova de Lisboa, Portugal

2000 Bachelor with honors in Nursing, Escola Superior de Enfermagem de Francisco Gentil, Portugal

Professional development (most relevant)

2020 ICH Good Clinical Practice E6 (R2), Global Health Training Centre

2016 Developing Supervisory Skills course, Nova Doctoral School, Universidade Nova de Lisboa

2013 “eLearning development and implementation: TropEd Course”, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

2011 New methods for teachers of Epidemiology, Institute of Hygiene and Tropical Medicine, Universidade Nova de Lisboa, Portugal

Short seminar for young epidemiologists: bias, confounding and effect measure modification, Institute of Hygiene and Tropical Medicine, Universidade Nova de Lisboa, Portugal

2009 Workshop Logistic Regression Models, 10th European Doctoral Conference in Nursing Science, Graz, Austria

2008 1st Post-Graduate Course in Special Topics in Epidemiology: metanalysis, Faculty of Medicine, Lisbon University, Portugal

Health in Context: a course in multilevel modelling for public health and health services research, European Public Health Association, National School of Public Health, Portugal

2006 1st Post-Graduate Course in Practical issues in Clinical Research, Faculty of Medicine, Lisbon University, Portugal

2005 3rd Post-Graduate Course in development, validation and implementation of questionnaires, Faculty of Medicine, Lisbon University, Portugal

Course on Management of research, development and cooperation projects, Significado Consultancies, Training and Informatics, Lisbon, Portugal.

2004 2nd Post graduate course on Clinical Trials in Hospitals, Faculty of Medicine, Lisbon University, Portugal

Academic Appointments

Since 2018 Invited assistant professor, Public Health and Epidemiology, Faculty of Medicine, Universidade

Agostinho Neto, Angola

- 2005 - 2011* Invited Lecturer, Biomedical sciences – epidemiology, Nursing course, Escola Superior de Enfermagem de Santarem, Portugal
- 2005 - 2010* Invited Lecturer, International Public Health and Biostatistics, Institute of Hygiene and Tropical Medicine, Universidade Nova de Lisboa, Portugal
- 2005* Invited Lecturer, Epidemiology and Clinical Evaluation, Atlantica University, Portugal
- 2003 - 2004* Invited Lecturer, Public Health, Escola Superior de Saude, Instituto Jean-Piaget Algarve, Portugal
- 2001 - 2002* Invited Lecturer, Community Health, Escola Superior de Saude de Setubal, Instituto Politecnico de Setubal, Portugal

Other Appointments

- 2018 - 2019* Advisor to the Minister of Health of the Portuguese Government
- 2017- 2018* Consultant, National Council of Health, Portugal
- 2017-2018* Member of the Ethics Council, Institute of Hygiene and Tropical Medicine, Universidade Nova de Lisboa, Portugal
- 2017* Consultant Revista Latino-Americana de Enfermagem
- Since 2016* Member of the Portuguese Team of the European Observatory on Health Systems
- 2012 - 2019* Associate editor BMC Human Resources for Health
- 2005 - 2011* Research assistant, Faculty of Medicine, Universidade de Lisboa, Portugal
- 2004 - 2005* Research assistant, Institute of Hygiene and Tropical Medicine, Universidade Nova de Lisboa, Portugal
- 2001* Research assistant, National School of Public Health, Universidade Nova de Lisboa, Portugal
- 1999 - 2005* General nurse, Portuguese Institute of Oncology, Lisbon, Portugal

Leadership Positions

- Since 2020* Leader of Cross Cutting Issue Public Health Information, Global health and Tropical Medicine Research Center
- 2020* Director for Information and Analysis, Directorate General of Health, Ministry of Health, Portugal
- 2015-2018* Director of the Master Program on Public Health and Development, Institute of Hygiene and Tropical Medicine, Universidade Nova de Lisboa, Portugal
- 2012 - 2015* Deputy director of the International Public Health and Biostatistics Department, Institute of Hygiene and Tropical Medicine, Universidade Nova de Lisboa, Portugal
- 2012 - 2016* Member of the management Board of the European Health Management Association, Belgium
Research director, WHO collaborating center on health workforce policy and planning, Institute of Hygiene and Tropical Medicine, Universidade Nova de Lisboa, Portugal
- 2012 - 2015* Director of the Master in Epidemiology, Institute of Hygiene and Tropical Medicine, Universidade

Nova de Lisboa, Portugal

- Since 2011* Course director, Advanced epidemiology, Institute of Hygiene and Tropical Medicine, Universidade Nova de Lisboa, Portugal
- 2009* Course co-director, Management course for nursing directors, Institute of Hygiene and Tropical Medicine, Universidade Nova de Lisboa, Portugal
- 2003-2004* Course co-director, Nursing course, Escola Superior de Saude, Instituto Jean-Piaget Algarve, Portugal

Consultancies

- 2019* Policy Dialogue IRE Strengthening governance capacity, Government of Ireland, European Observatory on Health Systems and Policies, Dublin, Ireland
- 2018* Study on vaccination programmes in EU Member States, European Observatory on Health Systems and Policies
Evidence briefing on improving the relationship with voluntary care providers, Government of Ireland, European Observatory on Health Systems and Policies, Dublin, Ireland
- 2012* Census of African Hospitals; Associação para o Desenvolvimento da Medicina Tropical, Portugal
Medical Schools in SubSaharian Africa: Angola, Mozambique e Guinea Bissau; Associação para o Desenvolvimento da Medicina Tropical, Portugal
- 2011* Transforming and Scaling up Health Professionals Education and Training; World Health Organization, Geneva, Switzerland.
Household survey on the prevalence of HIV infection in Guinea Bissau
- 2010* Technical Group for supporting the Development of the National Plan for Human Resources for Health in the National Health Plan 2011-2014, Ministry of Health, General Health Directorate, Portugal.
- 2009* Quality of medical training in Angola, Mozambique and Guinea Bissau; Associação para a Cooperação e Desenvolvimento Garcia de Orta, Portugal.
- 2008* Workshop on Contractualization in Health, World Health Organization, Ministry of Public Health, Guinea Bissau
- 2007* Evaluation of the National Health Plan for Sanitary Development 2003-2007 of Guinea Bissau (Contrat nº10/PNDS/2007), World Bank, Ministry of Public Health, Guinea Bissau.
- 2006* Ranking of the national services of maternal and infant health, Ministry of Health, Directorate General of Health, Portugal.
- 2005* Burnout, emotional intelligence and coping strategies in medical doctors, Portuguese Medical Council, Portugal.

Experience in designing and implementing training activities in the field of public health

- 2015-2018* Coordinator of the Masters in Public Health and Development of the Institute of Hygiene and Tropical Medicine, NOVA University of Lisbon.
- 2017* Reformulation of the Master's Degree in Biomedical Science of the Institute of Hygiene and Tropical Medicine of the NOVA University of Lisbon
- Elaboration of the Masters Course (2nd cycle) in Epidemiology, Biostatistics and Health Research of the National School of Public Health, Institute of Hygiene and Tropical Medicine and Faculty of Medical Sciences of the NOVA University of Lisbon
- Training on technical and scientific review of research projects – National Institute of Health, Health Ministry, Mozambique
- 2016* Evaluation of the PhD in International Health of the Institute of Hygiene and Tropical Medicine of the NOVA University of Lisbon
- 2015* Reformulation of the Master in Health and Development (currently Master in Public Health and Development) of the Institute of Hygiene and Tropical Medicine of the NOVA University of Lisbon
- 2015* Training of trainers for the Portuguese Speaking SADC Member States - Capacity Building for the Domestication of Harmonized Communicable Disease Surveillance Frameworks and Databases in the SADC Region, Mozambique.
- 2012-2014* Coordinator of the Masters in Epidemiology of the Institute of Hygiene and Tropical Medicine, Faculty of Medical Sciences and National School of Public Health, NOVA University of Lisbon.
- 2012* Elaboration of the Master in Epidemiology, a joint programme of the Institute of Hygiene and Tropical Medicine, the National School of Public Health and the Faculty of Medical Sciences of the NOVA University of Lisbon

Relevant courses besides regular teaching activity

- Since 2016* E-learning course on Basic Epidemiology, Institute of Hygiene and Tropical Medicine, Portugal
- 2017* Course on Sampling Methods, TropEd course
- 2016* Course on Introduction to Epidemiology, Portuguese Society of Oncology
- Coordination European Course in Tropical Epidemiology, Institute of Hygiene and Tropical Medicine, Portugal
- Since 2015* Course on Research ethics, Master in Public Health and Development, Institute of Hygiene and Tropical Medicine, Portugal
- Course on Quantitative Research Methodologies, Master in Public Health and Development, PhD Program in International Health, Institute of Hygiene and Tropical Medicine, Portugal
- 2013* Demography, Master on Health and Development, Institute of Hygiene and Tropical Medicine, Portugal
- 2012* Multivariate statistical analysis, WHO Afro personnel, Institute of Hygiene and Tropical Medicine, Portugal
- Basic epidemiology, Eurotrials scientific consultants, Portugal
- 2011* Epidemiology, Master on Global Health, Instituto Superior de Ciências do Trabalho e Empresa, Portugal

Epidemiology, Specialized medical training center, Cape Verde

Basic epidemiology, Key account managers Merck-Sharp and Dohme, Eurotrials scientific consultants, Portugal

2009 Project management, Hospital nursing directors, Ministry of Health, Angola,

2008 Human resources management, Health center managers, Ministry of Health, Portugal

2005 - 2011 Epidemiological surveillance and outbreak studies, Nursing students, Escola Superior de Enfermagem de Santarem, Portugal

Research Projects

- Approved* (Co-investigator, responsible for workpackage) Master in Field Epidemiology Training for Portuguese-speaking West African Countries EDCTP, CSA Capacity development for disease outbreak and epidemic response in sub-Saharan Africa, in collaboration with Africa CDC
- Ongoing* (Co-PI) BCG vaccine to enhance non-specific protection of healthcare workers during the COVID-19 pandemic. A multicenterrandomised controlled trial Investigador responsável EDCTP - RIA2020EF-3049
- (Co-investigator) Addressing Gaps in Men's Health Literacy and Health Seeking in Mozambique: a case for differentiated care for HIV and CVD (MRC) MR/S013253/1
- (Co-investigator) Health determinants and needs of children on the move in a pandemic context: A longitudinal study for Lisbon and Tagus Valley Region (PTDC/SAU-SER/4664/2020)
- (Co-investigator) [Response to the COVID-19 pandemic in a context of social inequities in health: a cross sectional study of native and migrant population in Amadora], Funded by the Portuguese Research Foundation
- (Co-investigator) Effects of two adhesive medical tapes on the fixation of bladder catheter: randomized clinical trial National Council for Scientific and Technological Development, Brazil
- (Co-investigator) Health Course for the Immigrant Child: Cohort Study for the Amadora Municipality, Funded by the Portuguese Research Foundation
- 2019 (PI) TB, HIV and TB/HIV co-infection and associated socio-behavioral factors in migrants, Funded by the Portuguese Research Foundation (FCT)
- 2017 (PI) Nurses dual practice – building up a case, IHMT funding
- 2016 (Member of the Steering Committee) Health problems during and after travelling in individuals attended at Travellers' Health outpatient clinic between March 2016 and March 2017, Funded by Santander Totta
- (Member of the Steering Committee) Knowledge on STI in Travellers attended at Travellers' Health outpatient clinic ADMT/ IHMT, Funded by Santander Totta Bank
- Since 2015 (Member of the Steering Committee) RN4cast – observational, multicentric study on nursing and nurses, Funded by the Portuguese Catholic University
- 2013 (Co-investigator) Dual practice in medical doctors from Lusophone African Countries, Research grant Calouste Gulbenkian Foundation, Portugal
- (Co-investigator) Study on Subsaharian Medical Schools, IHMT and ADMT funding, Portugal
- (PI) Comparing the expectations of basic and mid-level nursing students in Guinea Bissau and Sao Tome and Principe, IHMT and ADMT funding, Portugal

- 2012 (Co-investigator) Advanced roles in nursing in Portugal, Research Grant WHO-Europe
(Co-investigator) Hospital Census in Africa, Research Grant WHO Geneva
- 2011 (PI) National study on the prevalence of HIV infection in Guinea Bissau, Research Grant Ministry of Health of Guinea Bissau
- 2009 (Co-PI) The impact of HRH policies in the development of Unified Health System in Brazil, Research grant Pan-American Health Organization -PAHO
(Co-investigator) Migration of healthcare workers in WHO European Region, Research grant WHO-Europe
(Co-investigator) The nursing labor market in the European Union in transition, Research grant WHO Europe
(Co-investigator) AIDS and HIV infection in men who have sex with men and sex workers: prevalence, determinants, prevention and access to health, Research Grant National Commission for HIV /AIDS, Ministry of Health, Portugal
- 2008 - 2011 (Co-investigator) The State of Sexual and Reproductive Health and Fertility in the European Community, Research grant EU
(Co-PI) Development of a second-generation surveillance system of HIV and STI in pregnant women in Guinea Bissau, Research Grant Ministry of Health of Guinea Bissau
- 2008 (Co-investigator) Scaling up Human Resources for Health, Research Grant International Council of Nurses Geneva
- 2006 - 2011 (Co-investigator) Development of a syndromic approach to STI diagnosis in Luanda, Angola, Research grant FCT, Portugal
- 2005 - 2008 (Co-investigator) REPROSTAT 2 - Assessing the usefulness of a comprehensive set of reproductive health indicators designed for the enlarged European Union, with particular emphasis on the reproductive health of adolescents and young adults (Phase 2), Research grant EU
- 2005 (PI) The teaching of epidemiology in nursing programs in Lisbon and Tagus valley Region in Portugal, AGO funding, Portugal
- 2003 (Co-investigator) Dual practice among nurses working in Portugal, AGO funding, Portugal
- 2001 - 2002 (Co-investigator) Workplace Violence in the Health Sector, Research grant ILO, WHO and PSI

Committee Memberships (most relevant)

- Since 2019 Member of the scientific committee of the Master Program in Health and Development
- 2016-2018 Member of the pedagogical council of the Institute of Hygiene and Tropical Medicine
- Since 2016 Member of the scientific committee of the NOVA epidemiology workshops
- Since 2015 Member of the scientific committee of the PhD program on International Health
- 2011 – 2014 Member of the scientific committee of the Master Program in Health and Development
- Since 2011 Member of the scientific committee of the Master Program in Biomedical Sciences

Honors and Prizes

- 2019 Honors for the work developed at the XXI Constitutional Government of Portugal
- 2006 Award for promoting research in health services for the work “the impact of nursing work in the health of nurses”, Ministry of Health, Portugal
- 2005 AstraZeneca Foundation Award for the work [Primary Health Care in Portugal: reforms for new successes] Astrazeneca Foundation Portugal

External evaluation of research projects

- Since 2015 Prize SCML/MSD in Clinical Epidemiology - Portugal
- 2016 Research Foundation Grants– Flanders
- 2015 INCT Program of the National Council Scientific and Technological Development, National Council of Research, Brazil

Ad hoc reviewer (most relevant) – publons profile <https://publons.com/researcher/2702720/ines-fronteira/peer-review/>

International journals: BMC Human Resources for Health; Plos One; BMC Health Services Research Occupational Health Southern Africa; Health policy and planning; Revista Latino-Americana de Enfermagem; Acta Médica Portuguesa; The American Journal of Tropical Medicine and Hygiene; The Archives of Industrial Hygiene and Toxicology; BMC International Health and Human Rights; International Journal of Health Planning and Management; Creative Education; Euro Panorama; Global Health Research and Policy

International Conferences: XXXV Reunión Anual de la Sociedad Española de Epidemiología (SEE) y XII Congresso da Associação Portuguesa de Epidemiologia (APE); 2017 International Council of Nurses Congress, 25th Quadrennial Congress of the International Council of Nurses (2012), 24th Quadrennial Congress of the International Council of Nurses (2009)

Technical translations from English to Portuguese

- 2012 Analyzing Disrupted Health Sectors - A Modular Manual. Geneva, World Health Organization.
- 2010 Gordis, L. (2009). Epidemiology. (4th Ed) Saunders Elsevier
- 2006 WHO Midwifery education modules: Education material for teachers of midwifery. Making Pregnancy Safer Initiative: The midwife in the community, Managing Eclampsia, Managing Incomplete Abortion, Managing Obstructed Labor, Managing Postpartum Haemorrhage e Managing Puerperal Sepsis.

Indexed publications

1. Oliveira D, Pereira F, Martins M do R, Castro R, Cordeiro L, **Fronteira I**. A systematic review of the maternal and neonatal complications in hepatitis B infection. J Clin Virol. 2020 Dec;133:104680.
2. Rosário R, Martins MRO, Augusto C, Silva MJ, Martins S, Duarte A, **Fronteira I**, Ramos N, Okan O, Dadaczynski K. Associations between COVID-19-Related Digital Health Literacy and Online Information-Seeking Behavior among Portuguese University Students. Int J Environ Res Public Health. 2020 Dec 2;17(23).
3. Sousa ÁFL de, Queiroz AAFLN, Lima SVMMA, Almeida PD, Oliveira LB de, Chone JS, Chone JS, Araújo TME, Brignol SMS, Sousa AR, Mendes IAC, Dias S, **Fronteira I**. Chemsex practice among men who have sex with men (MSM) during social isolation from COVID-19: multicentric online survey. Cad Saude Publica. 2020;36(12):e00202420.
4. Ferrinho P, **Fronteira I**, Correia T, Neves C. The relevance of educational attainments of parents of medical

- students for health workforce planning: data from Guiné-Bissau. *Hum Resour Health*. 2020 Nov 25;18(1):90.
5. Jesus TS, Landry MD, Hoenig H, Dussault G, Koh GC, **Fronteira I**. Is Physical Rehabilitation Need Associated with the Rehabilitation Workforce Supply? An Ecological Study Across 35 High-Income Countries. *Int J Health Policy Manag*. 2020 Aug 17. doi: 10.34172/ijhpm.2020.150. Epub ahead of print.
 6. Sousa ÁFL, Bim LL, Hermann PRS, **Fronteira I**, Andrade D. Late postoperative complications in surgical patients: an integrative review. *Rev Bras Enferm*. 2020 Jul 1;73(5):e20190290. English, Portuguese. doi: 10.1590/0034-7167-2019-0290.
 7. Lopes de Sousa ÁF, Carvalho HEF, Oliveira LB, Schneider G, Camargo ELS, Watanabe E, de Andrade D, Fernandes AFC, Mendes IAC, **Fronteira I**. Effects of COVID-19 Infection during Pregnancy and Neonatal Prognosis: What Is the Evidence? *Int J Environ Res Public Health*. 2020 Jun 11;17(11):4176. doi: 10.3390/ijerph17114176.
 8. Lisboa M, **Fronteira I**, Mason PH, Martins MDRO. Using hospital auxiliary worker and 24-h TB services as potential tools to overcome in-hospital TB delays: a quasi-experimental study. *Hum Resour Health*. 2020 Apr 3;18(1):28. doi: 10.1186/s12960-020-0457-2.
 9. Lisboa M, **Fronteira I**, Mason PH, Martins MDRO. National TB program shortages as potential factor for poor-quality TB care cascade: Healthcare workers' perspective from Beira, Mozambique. *PLoS One*. 2020 Feb 14;15(2):e0228927. doi: 10.1371/journal.pone.0228927.
 10. **Fronteira I**, Jesus ÉH, Dussault G. Nursing in Portugal in the National Health Service at 40. *Cien Saude Colet*. 2020 Jan;25(1):273-282. Portuguese, English. doi: 10.1590/1413-81232020251.28482019. Epub 2019 Sep 30.
 11. Sousa AFL, Hermann PRS, **Fronteira I**, Andrade D. Monitoring of postoperative complications in the home environment. *Rev Rene*. 2020;21:e43161.
 12. Sousa AFL, Oliveira LB, Carvalho HEF, Ribeiro IP, Fronteira I, Andrade D. Ocorrência de complicações no pós-operatório tardio de artroplastia de joelho e quadril. *RPCFO*; 2020(12).
 13. **Fronteira I**, Jesus ÉH, Dussault G. Nursing in Portugal in the National Health Service at 40. *Cien Saude Colet*. 2020 Jan;25(1):273-282. doi: 10.1590/1413-81232020251.28482019. Epub 2019 Sep 30.
 14. Miranda Ferrão R, **Fronteira I**, Sá Machado R, Duarte E. Surveillance of malaria in mainland Portugal in 2016 after the introduction of an electronic system: is it enough? *Eur J Public Health*. 2019 Nov 5. pii: ckz204. doi: 10.1093/eurpub/ckz204. [Epub ahead of print]
 15. Sousa AFL, Queiroz AAFLN, **Fronteira I**, Lapão L, Mendes IAC, Brignol S. HIV Testing Among Middle-Aged and Older Men Who Have Sex With Men (MSM): A Blind Spot? *Am J Mens Health*. 2019 Jul-Aug;13(4):15 (IF=0.559)
 16. Fuentealba-Torres M, Cartagena-Ramos D, **Fronteira I**, Lara LA, Arroyo LH, Arcoverde MAM, Yamamura M, Nascimento LC, Arcêncio RA. What are the prevalence and factors associated with sexual dysfunction in breastfeeding women? A Brazilian cross-sectional analytical study. *BMJ Open*. 2019 Apr 25;9(4):e025833.
 17. Lisboa M, **Fronteira I**, Colove E, Nhamonga M, Martins MDRO. Time delay and associated mortality from negative smear to positive Xpert MTB/RIF test among TB/HIV patients: a retrospective study. *BMC Infect Dis*. 2019 Jan 7;19(1):18.
 18. Jesus TS, Landry MD, Dussault G, **Fronteira I**. Classifying and Measuring Human Resources for Health and Rehabilitation: Concept Design of a Practices- and Competency-Based International Classification. *Phys Ther*. 2019 Apr 1;99(4):396-405.
 19. Sousa AFL, Bim LL, Hermann PRS, **Fronteira I**, Andrade D. Late postoperative complications in surgical patients: an integrative review. *Rev Bras Enferm*. 2019;72(0):00-00. doi: <http://dx.doi.org/10.1590/0034-7167> (IF=0.235)
 20. Sousa, A. F., Bim, L. L., Schneider, G., Hermann, P. R., Andrade, D., & **Fronteira, I**. m-Health in the Surgical Context: Prospecting, Review and Analysis of Mobile Applications. *The Open Nursing Journal*, 2019 13:18-27. <https://benthamopen.com/FULLTEXT/TONURSJ-13-18>
 21. Simões J, Figueiredo Augusto G, do Céu A, Ferreira MC, Jordão M, Calado R, **Fronteira I**. Ten years since the 2008 introduction of dental vouchers in the Portuguese NHS. *Health Policy*. 2018 Jul 20
 22. Marques-Pinto A, Jesus ÉH, Mendes AMOC, **Fronteira I**, Roberto MS. Nurses' Intention to Leave the Organization: A Mediation Study of Professional Burnout and Engagement. *Span J Psychol*. 2018 Aug 8;21:E32.
 23. Russo G, **Fronteira I**, Jesus TS, Buchan J. Understanding nurses' dual practice: a scoping review of what we

- know and what we still need to ask on nurses holding multiple jobs. *Hum Resour Health*. 2018 Feb 22;16(1):14.
24. Berra TZ, Queiroz AAR de, Yamamura M, Arroyo LH, Garcia MC da C, Popolin MP, Santos D, Ramos ACV, Alves LS, **Fronteira I**, Chiaravalloti F Neto, Palha PF, Arcêncio RA. Spatial risk of tuberculosis mortality and social vulnerability in Northeast Brazil. *Rev Soc Bras Med Trop*. 2017 Oct;50(5):693–7.
 25. Simões J, Augusto GF, **Fronteira I**. Introduction of freedom of choice for hospital outpatient care in Portugal: Implications and results of the 2016 reform. *Health Policy* [Internet]. [cited 2017 Oct 8]; Available from: <http://dx.doi.org/10.1016/j.healthpol.2017.09.010>
 26. Tavares AM, **Fronteira I**, Couto I, Machado D, Viveiros M, Abecasis AB, et al. HIV and tuberculosis co-infection among migrants in Europe: A systematic review on the prevalence, incidence and mortality. *PLoS ONE*. 2017;12(9):e0185526.
 27. Jesus TS, Landry MD, Dussault G, **Fronteira I**. 2017. Human resources for health (and rehabilitation): Six Rehab-Workforce Challenges for the century. *Hum Resour Health*. 2017 Jan 23;15(1):8.
 28. Moreira A.L., **Fronteira, I.**, Figueiredo Augusto, G., Martins, MR. 2016. Unmatched Case-Control Study on Late Presentation of HIV Infection in Santiago, Cape Verde (2004-2011). *Int J Environ Res Public Health*. Mar 15;13(3).
 29. Popolin, M.P., Touse, M.M., Yamamura, M., Rodrigues, L.B., da Cunha Garcia, M.C., Arroyo, L.H., Ramos, A.C., Berra, T.Z., Santos Neto, M., de Almeida Crispim, J., Chiaravallotti Neto, F., Pinto, I.C., Palha, P.F., da Costa Uchoa, S.A., Lapão, L.V., **Fronteira, I.**, Arcêncio RA. 2016. Integrated health service delivery networks and tuberculosis avoidable hospitalizations: is there a relation between them in Brazil? *BMC Health Serv Res*. 2016 Mar 1;16:78.
 30. Uchôa, S.A., Arcêncio, R.A., **Fronteira, I.**, Coêlho, A.A., Martiniano, C.S., Brandão, I.C., Yamamura, M., Maroto, R.M. 2016. Potential access to primary health care: what does the National Program for Access and Quality Improvement data show? *Rev Lat Am Enfermagem*. 24:e2672. doi: 10.1590/1518-8345.1069.2672. Epub 2016 Mar 4.
 31. da Silva Cardoso Cantalice, A., **Fronteira, I.**, de Almeida Nogueira, J., da Silva Reichert, A.P., Muniz Medeiros, C.C., Collet, N. 2016. Persistence of metabolic syndrome and its impact on glucose metabolism in overweight and obese children and adolescents. *Int J Adolesc Med Health*.
 32. Santos Martiniano, C., de Castro Marcolino, E., Barros de Souza, M., Alves Coelho, A., Arcêncio, R.A., **Fronteira, I.**, da Costa Uchôa, S.A. 2016. The gap between training and practice of prescribing of drugs by nurses in the primary health care: a case study in Brazil. *Nurse Educ Today*. Jan;36:304-9.
 33. Dinis, L., **Fronteira, I.** 2015. A influência da rotação no trabalho na satisfação profissional dos enfermeiros num serviço de cirurgia. *Rev. Enf. Ref.* [online]. vol. serIV, n.5, pp. 17-26.
 34. Santos Neto, M., Yamamura, M., Garcia, M.C., Popolin, M.P., Rodrigues, L.B., Chiaravalloti Neto, F., **Fronteira, I.**, Arcêncio, R.A. 2015. Pulmonary tuberculosis in São Luis, State of Maranhão, Brazil: space and space-time risk clusters for death (2008-2012). *Rev Soc Bras Med Trop*. Jan-Feb;48(1):69-76.
 35. Popolin, M.P., Rodrigues, L., **Fronteira, I.**, Yamamura, M., Santos Neto, M., Arcêncio, R., 2015. Conhecimento sobre tuberculose, estigma social e os cuidados em saúde: revisão sistemática. *Revista Brasileira de Pesquisa em Saúde*, v. 17, p. 121-130, 2015.
 36. **Fronteira I**, Sidat M, Fresta M, Sambo Mdo R, Belo C, Kahuli C, Rodrigues MA, Ferrinho P. 2014 The rise of medical training in Portuguese speaking African countries. *Hum Resour Health*. 2014 Nov 3;12:63. **(IF=1.001)**
 37. Yamamura M, Santos Neto M, I.M., Rodrigues, L.B., Popolin, M.P., Uchoa, S.A., **Fronteira, I.**, Arcêncio, R.A. 2014. [Tuberculosis and social inequity in health: an ecological study using multivariate statistical techniques, São Paulo, Brazil]. *Rev Panam Salud Publica*. 35(4):270-7.
 38. Campbell, J., Buchan, J., Cometto, G., David, B., Dussault, G., Fogstad, H., **Fronteira, I.**, Lozano, R., Nyongator, F., Pablos-Méndez, A., Quain, E.E., Starrs, A., & Tangcharoensathien, V. 2013. Human resources for health and universal health coverage: fostering equity and effective coverage. *Bull World Health Organ*, 91, 853-63.
 39. Russo, G., McPake, B., **Fronteira, I.**, & Ferrinho, P. 2013. Negotiating markets for health: an exploration of physicians' engagement in dual practice in three African capital cities. *Health Policy Plan*. [Epub ahead of print]
 40. Part, K., Moreau, C., Donati, S., Gissler, M., **Fronteira, I.**, Karro, H. & REPROSTAT group. 2013. Teenage

pregnancies in the European Union in the context of legislation and youth sexual and reproductive health services, *Acta Obstet Gynecol Scand*, 92, 1395-406.

41. **Fronteira, I.** 2013. [Observational Studies in the era of evidence based medicine: short review on their relevance, taxonomy and designs]. *Acta Medica Portuguesa* 26 (2), 161-170
42. **Fronteira, I.** 2013. How to design a (good) epidemiological observational study: research protocol at a glance. *Acta Medica Portuguesa* 26 (6), 731-736.
43. Buchan, J., Temido, M., **Fronteira, I.**, & Lapão, L. 2013 Nurses in advanced roles: a review of acceptability in Portugal. *Latin American Journal of Nursing*, 21, (spec) 38-46.
44. Gissler, M., **Fronteira, I.**, Jahn, A., Karro, H., Moreau, C., Oliveira da, S.M., Olsen, J., Savona-Ventura, C., Temmerman, M., & Hemminki, E. 2012. Terminations of pregnancy in the European Union. *British Journal of Obstetrics and Gynaecology*, 119, (3) 324-332.
45. **Fronteira, I.**, Rodrigues, A., Pereira, C., Silva, A.P., Mercer, H., Dussault, G., & Ferrinho, P. 2011. [Realities and professional expectations of medical students attending Guinea Bissau's medical school in 2007 school year]. *Acta Medica Portuguesa*, 24, (2) 265-270.
46. **Fronteira, I.** & Ferrinho, P. 2011. Do nurses have a different physical health profile? A systematic review of experimental and observational studies on nurses' physical health. *Journal of Clinical Nursing*, 20, (17-18) 2404-2424.
47. Buchan, J., **Fronteira, I.**, & Dussault, G. 2011. Continuity and change in human resources policies for health: lessons from Brazil. *Human Resources for Health*, 9, (1) 17.
48. Ferrinho, P., Sidat, M., Fresta, M.J., Rodrigues, A., **Fronteira, I.**, da, S.F., Mercer, H., Cabral, J., & Dussault, G. 2011. The training and professional expectations of medical students in Angola, Guinea-Bissau and Mozambique. *Human Resources for Health*, 9:9, 9.
49. Ferrinho, P., **Fronteira, I.**, Sidat, M., da, S.F., Jr., & Dussault, G. 2010. Profile and professional expectations of medical students in Mozambique: a longitudinal study. *Human Resources for Health*, 8:21, 21.
50. **Fronteira, I.**, Oliveira da, S.M., Unzeitig, V., Karro, H., & Temmerman, M. 2009. Sexual and reproductive health of adolescents in Belgium, the Czech Republic, Estonia and Portugal. *European Journal of Contraception and Reproductive Health Care*, 14, (3) 215-220.
51. Fronteira, I., Biscaia, A. 2007. The health status of Portuguese healthcare professionals. *Cah Sociol Demogr Med. Jul-Sep*;47(3):361-75.
52. Craveiro, I., **Fronteira, I.**, Candeias, A. 2007. Determinants of violence against health workers in Portugal. *Cah Sociol Demogr Med. Jul-Sep*;47(3):347-59.
53. Ferrinho, P., Biscaia, A., **Fronteira, I.**, Hipólito, F., Dussault, G. 2007. Multiple employment in the health sector in Portugal. *Cah Sociol Demogr Med. Jul-Sep*;47(3):331-46.
54. Ferrinho, P., Van, L.W., **Fronteira, I.**, Hipolito, F., & Biscaia, A. 2004. Dual practice in the health sector: review of the evidence. *Human Resources for Health*, 2, (1) 14.
55. Ferrinho, P., Biscaia, A., **Fronteira, I.**, Craveiro, I., Antunes, A.R., Conceicao, C., Flores, I., & Santos, O. 2003. Patterns of perceptions of workplace violence in the Portuguese health care sector. *Human Resources for Health*, 1, (1) 11.

Non indexed publications

1. Ferrinho, P, Guimarães, N, **Fronteira, I**, Freitas, H, Fresta, M. Formação inicial em ciências da saúde em Angola: comparação dos perfis dos alunos de diferentes cursos (medicina, enfermagem e TDT), em diferentes níveis de ensino (básico, médio e superior). *Anais do Instituto de Higiene e Medicina Tropical*. 2020;19:87–96.
2. **Fronteira, I**, Guerreiro, C, Neves, C, Ferrinho, P. Realidades e expectativas profissionais dos alunos da licenciatura de medicina na Guiné-Bissau – evolução entre 2007 e 2016. *Anais do Instituto de Higiene e Medicina Tropical*. 2020;19:79–86.

3. Simões J, **Fronteira I**. Ciclos políticos, em Portugal, e papel do Estado e dos setores privado e social, na saúde. e-Pública: Revista Eletrónica de Direito Público. 2019 Apr;6(1):4–14.
4. **Fronteira, I**, Simões, J, Augusto, G. Looking back at the Portuguese crisis: what legacy for the Portuguese NHS? Anais do Instituto de Higiene e Medicina Tropical. 2018;17(1):s37–46.
5. Simões J, Augusto GF, Fronteira I. The Portuguese health system in the aftermath of austerity. EuroHealth. 2017;23(4):30–3.
6. Jesus, E., Pinto, A., **Fronteira, I.**, Mendes, A. 2014. Estudo RN4CAST em Portugal: Percepção dos Enfermeiros sobre Burnout. Revista de Investigação em Enfermagem, 9, série II, 47-59.
7. Popolin MP, Garcia MCC, Arroyo LH, Yamamura M, Santos Neto M, Rodrigues LBB, Queiroz AAR, **Fronteira I**, Arcêncio RA Tuberculose: desigualdade de renda e interação da Estratégia Saúde da Família e Bolsa Família Rev. Eletr. Enf. [Internet]. 2017 19:a30. <http://dx.doi.org/10.5216/ree.v19.44230>.
8. Pinto, A., Jesus, E., Mendes, A. **Fronteira, I.** 2015. Estudo RN4Cast em Portugal: Work Engagement dos Enfermeiros. Revista de Investigação em Enfermagem, 10, série II, 26-37.
9. **Fronteira, I.**, Seca, A., Menezes, A., Lapão, L., Ferrinho, P. 2014. Expectativas profissionais dos estudantes de enfermagem de nível médio e superior – evidência de dois países da África Subariana. Anais do Instituto de Higiene e Medicina Tropical, 12, 59-67.
10. Dias, S., Gama, A., **Fronteira, I.** Análise comparativa das percepções de imigrantes e de profissionais de saúde sobre a procura e a prestação de cuidados de saúde nas populações imigrantes. Anais do Instituto de Higiene e Medicina Tropical edição comemorativa, 2012; 11, 126-139.

Books and book chapters

1. Fronteira, I, Dussault, G, Buchan, J, editors. Rethinking Human Resources for Health: on the edge of the post-modern era. Almedina; 2021. *In press*
2. Simões J; Fronteira I; Augusto G "Portugal". In The organization and delivery of vaccination services in the European Union (2018), ed. Bernd Rechel; Erica Richardson; Martin McKee, 141-146. Reino Unido: World Health Organization, 2018.
3. Fronteira I. [Manual of Epidemiology] Almedina, 2018.
4. Dias S, Gama A, Roxo L, **Fronteira I**, Simões J. Health research among migrants in Portugal: insights on current knowledge and future directions. In: Dias S, Simoes J, Pita Barros P, editors. Migration and Health. Almedina, 2018. p. 143-163. ISBN: 9789724074870
5. de Almeida Simoes J, Figueiredo Augusto G, Fronteira I, Hernandez-Quevedo C. 2017. Portugal: Health System Review. Health Syst Transit. 2017 Mar;19(2):1-184.
6. Dias S, **Fronteira I**, Gama A, Gróz AP, Mardin D, Simões J, et al. Health Policies, Patterns and Barriers to Migrants' Access to Primary Health Care. In: Rosano A, editor. Access to Primary Care and Preventative Health Services of Migrants [Internet]. Cham: Springer International Publishing; 2018. p. 99–109. Available from: https://doi.org/10.1007/978-3-319-73630-3_9
7. Dussault, G. (coord), Biscaia, A., Craveiro, I., **Fronteira, I.**, Lapão, L., Temido, M. Os recursos humanos da saúde in Campos, A., Simões, J. (coord) (2014) 40 Anos de Abril na Saúde. Coimbra, Almedina.
8. Ferrinho, P. (coord), Alves, I., Dias, S., **Fronteira, I.**, Garcia, A., Oliveira Martins, M. Percurso dos factores determinantes da Saúde in Campos, A., Simões, J. (coord) (2014) 40 Anos de Abril na Saúde. Coimbra, Almedina.
9. **Fronteira, I.**, Ferrinho, P., & Simões, J. 2011. Reformar os sistemas de saúde no contexto da reestruturação do estado providência Lisboa, Fundação Friederich Ebbert.
10. Biscaia, A., Martins, J., Carreira, M., **Fronteira, I.**, Antunes, A., & Ferrinho, P. (2008). **Cuidados de Saúde Primários em Portugal: reformar para novos sucessos.** (2 ed.) Padrões Culturais Editora.

11. **Fronteira, I.**, Conceição, C., & Biscaia, A. (2008). Políticas de saúde e enfermagem em Portugal: perspectivas evolucionistas para um futuro (in)certo. In J.Lima & H. Pereira (Eds.), *Políticas Públicas e Conhecimento Profissional: a Educação e a Enfermagem em reestruturação* Porto: Livpsic.
12. Ferrinho, P., **Fronteira, I.**, & Miguel, J. (2007). A importância estratégica e económica da saúde e implicações para investimentos a médio e longo prazo. In *Investir em Saúde - Contributo dos Fundos Estruturais Comunitários em Portugal no Sector da Saúde*. Lisboa: Programa Operacional Saúde XXI.
13. Biscaia, A., Martins, J., Carreira, M., **Fronteira, I.**, Antunes, A., & Ferrinho, P. (2006). *Cuidados de Saúde Primários em Portugal: reformar para novos sucessos*. (1 ed.) Padrões Culturais Editora.

Reports

- Conselho Nacional de Saúde. *Gerações Mais Saudáveis: Políticas públicas de promoção da saúde das crianças e jovens em Portugal*. Lisboa: CNS, 2018. <http://www.cns.min-saude.pt/wp-content/uploads/2018/12/GERACOES-MAIS-SAUDAVEIS.pdf>
- Conselho Nacional de Saúde. *Relatório sobre a saúde em Portugal O que se sabe em 2017*. Lisboa: CNS, 2017. http://www.cns.min-saude.pt/wp-content/uploads/2017/11/Saude_em_Portugal_3.11.2017_final.pdf
- Buchan, J., Duffield, C., **Fronteira, I.**, & Clarke, S., *Nursing Workforce Sustainability: The International Connection*, (A report for ICNM/CGFNS International, Inc.), International Centre on Nurse Migration, International Centre for Human Resources In Nursing, a subsidiary of the International Council of Nurses, (Geneva, Switzerland; Philadelphia, PA, USA: 2015), online edition accessed September 1, 2015, <http://www.intlnursemigration.org/register-nurse-workforce-sustainability-publication/>
- Oliveira da, S.M., Jahn, A., Olsen, J., Karro, H., Temmerman, M., Gissler, M., Bloemenkamp, K., Hannaford, P., & **Fronteira, I.** 2011. The Reproductive Health Report - The state of sexual and reproductive health within the European Union. *European Journal of Contraception and Reproductive Health Care*, 16, S1-S70
- **Fronteira, I.** & Ferrinho, P. 2010, [Second generation surveillance study of STI/ HIV in pregnant women attending pre-natal care in Guinea Bissau in 2009: scientific report] Instituto de Higiene e Medicina Tropical, Lisboa. <http://www.acs.min-saude.pt/pns2011-2016/files/2010/08/RHS-PT.pdf>. 2010. Alto Comissariado da Saúde. (in Portuguese)
- Dussault, G., **Fronteira, I.**, & Cabral, J. 2010, *Migration of health personnel in the WHO European region*, World Health Organization, Geneva.
- Dussault, G. & **Fronteira, I.** 2010 [Human Resources for Health: plan integrated in the 2011-2016 National Health Plan] Recursos humanos para a saúde (RHS): plano integrado no Plano Nacional de Saúde 2011-2016, Alto Comissariado da Saúde, Lisboa. (in Portuguese)
- Dussault, G. & **Fronteira, I.** [Analysis of human resources for health in Portuguese Speaking African Countries] *Análise dos Recursos Humanos da Saúde nos Países Africanos de Língua Oficial Portuguesa*. Projecto de Apoio ao Desenvolvimento dos Recursos Humanos em Saúde nos PALOP. <http://www.who.int/hrh/resources/observer2/en/index.html>. 2009. World Health Organization. (in Portuguese)
- Dussault, G., **Fronteira, I.**, Prytherch, H., Dal Poz, M., Ngoma, D., Lunguzi, J., & Wyss, K. 2009, *Ampliar los efectivos de atención de salud: estudio de un caso*, Centro Internacional para los Recursos Humanos de Enfermería. (in Spanish)
- Dussault, G., **Fronteira, I.**, Prytherch, H., Dal Poz, M., Ngoma, D., Lunguzi, J., & Wyss, K. 2009, *Le renforcement des effectifs de travailleurs de la santé: étude*, Centre International des Ressources Humaines pour les soins infirmiers, Genève. (in French)

- Dussault, G., **Fronteira, I.**, Prytherch, H., Dal Poz, M., Ngoma, D., Lunguzi, J., & Wyss, K. 2009, *Scaling up the stock of health workers*, International Centre for Human Resources in Nursing, Geneva. (in English) http://www.ichrn.com/publications/policyresearch/Scaling_up-EN.pdf
- Dussault, G., Russo, G., Assunção, D., & **Fronteira, I.** 2009, *The nursing labour market in the European Union in transition: scoping paper (prepared for series of policy Dialogues on the Nursing and Social Workforces in Europe)*, European Observatory on Health Systems and Policies. http://bcdmi.co.uk/EMEA/WHO/PolicyDialogue2009/Stockholm/Scoping%20Paper_nurses%20in%20EU_FINAL.pdf
- **Fronteira, I.** & Ferrinho, P. 2009, [Health of nurses: scientific report] *A saúde dos enfermeiros: relatório científico*, Instituto de Higiene e Medicina Tropical, Lisboa. (in Portuguese)
- **Fronteira, I.** & Ferrinho, P. 2008, [Quality of medical training: results for Guinea Bissau] *Qualidade da formação médica: resultados para a Guiné-Bissau*, Instituto de Higiene e Medicina Tropical, Lisboa. (in Portuguese)
- **Fronteira, I.** & Ferrinho, P. 2008, [Quality of medical training: results for Angola] *Qualidade da formação médica: resultados para Angola*, Instituto de Higiene e Medicina Tropical, Lisboa. (in Portuguese)
- **Fronteira, I.** & Ferrinho, P. 2008, [Quality of medical training: results for Mozambique] *Qualidade da formação médica: resultados para Moçambique*, Instituto de Higiene e Medicina Tropical, Lisboa. (in Portuguese)
- **Fronteira, I.**, Ferrinho, F., Dussault, G., & Ferrinho, P. 2007, [Final report on the evaluation of the execution of the National Plan for Sanitary Development 2003-2007 of Guinea Bissau Republic] *Relatório da avaliação final da execução do plano nacional de desenvolvimento sanitário 2003-2007 da República da Guiné-Bissau*, Associação para o Desenvolvimento e Cooperação Garcia de Orta, Lisboa. (in Portuguese)
- Antunes, A. R., **Fronteira, I.**, & Aguiar, P. 2006, [Ranking of delivery rooms of mainland Portugal] *Ranking dos serviços de obstetria/ bloco de partos dos hospitais de Portugal Continental*, Direção Geral da Saúde, Ministério da Saúde, Lisboa. (in Portuguese)
- **Fronteira, I.** & (on behalf of REPROSTAT 2) 2006, *Asking young people about sexual and reproductive behaviors: results from Belgium, Czech Republic, Estonia and Portugal*, AIDFM, Lisbon.
- **Fronteira, I.**, Fiuza, C., & Ferrinho, P. 2005, [Statistical analysis report of data on burnout, emotional intelligence and coping strategies in medical doctors] *Relatório de análise estatística dos dados sobre burnout, inteligência emocional e estratégias de coping em médicos*, Instituto de Higiene e Medicina Tropical, Lisboa. (in Portuguese)
- **Fronteira, I.** & Ferrinho, P. 2003, [Dual practice in nurses working in Portugal] *Duplo emprego nos enfermeiros a trabalhar em Portugal*, Associação para o Desenvolvimento e Cooperação Garcia de Orta, Lisboa. (in Portuguese)
- Antunes, A. R., Biscaia, A., Conceicao, C., **Fronteira, I.**, Craveiro, I., Flores, I., Santos, O., & Ferrinho, P. 2002, *Workplace violence in the health sector - Portuguese case studies: final report*, Associação para o Desenvolvimento e Cooperação Garcia de Orta, Lisboa. (in Portuguese and english)

Languages

Mother tongue(s)	Portuguese				
Foreign language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2

French	B2	B2	B2	B2	B2
Spanish	B1	B1	B1	B1	A1
Italian	B1	B1	B1	B1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
[Common European Framework of Reference for Languages](#)