

PhD Position: Program INPhINIT Fundació La Caixa

“Training for the improvement of clinical appropriateness” (Prof. Xavier Bonfill Cosp)

CENTRE: IIB SANT PAU - Fundació Institut de Recerca de l’Hospital de la Santa Creu i Sant Pau

ADDRESS: C/ Sant Quintí 77- 79, 08041 Barcelona / www.recercasantpau.cat

CENTRE DESCRIPTION: The Research Institute of the Hospital de la Santa Creu i Sant Pau (HSCSP-IR) was created on 4 June 1992 as a private scientific foundation. Its mission is to promote basic, clinical, epidemiological and healthcare research in the health science and biomedical fields, with the ultimate aim of improving the health of the population. On 10 December 2003, the Autonomous Government of Catalonia approved affiliation of the HSCSP-IR as a University Research Institute attached to the Autonomous University of Barcelona (UAB).

The HSCSP-IR has as its mission to improve the health and quality of life of the population through the production and dissemination of scientific knowledge, the training of researchers to an international standard, innovation in health and the incorporation of medical advances in clinical practice and in healthcare policies.

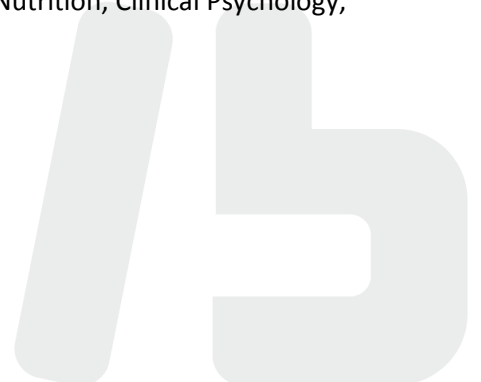
The HSCSP-IR is currently one of the most active research centres in Catalonia, especially in relation to translational research and the application of new discoveries to clinical practice. Since 2011 it has been part of the Catalan System of Research Centres (CERCA).

On 17 May 2009, the HSCSP-IR and nine other organizations created the Sant Pau Biomedical Research Institute (IIB Sant Pau), with the aim of strengthening collaborative translational research and bridging the gap between basic research and clinical practice so as to ultimately improve patient care.

AREA OF KNOWLEDGE: Life Sciences Panel

GROUP OF DISCIPLINES: Medicine, Public Health, Sports Science, Nutrition, Clinical Psychology, Healthcare Management

GROUP LEADER: Prof. Xavier Bonfill Cosp - xbonfill@santpau.cat



RESEARCH PROJECT/RESEARCH GROUP:

The Cochrane Collaboration, established in 1993, is an international network of people who work together to help health care providers, policy makers, patients, their advocates and carers, make well-informed decisions about health care by preparing, updating and promoting the accessibility of Cochrane reviews. Systematic reviews are independent synthesis of the research evidence, collected in order to answer a specific research question, through explicit and systematic methods to identify, select, and appraise primary research and to extract and analyse data from studies included in the review. The Iberoamerican Cochrane Centre (IbCC) is one of the sixteen international centres of the Cochrane Collaboration (CC). Its scope of responsibility stretches across Spain, Portugal, Andorra and all Spanish-speaking countries across Latin America. The CCIb directs and coordinates the Iberoamerican Cochrane Network, provides methodological support to the reviewers of the geographic area of reference and promotes training, dissemination, translation and identification of clinical trials.

<https://es.cochrane.org/home>

POSITION DESCRIPTION

-Research Project / Research Group Description: The Grup de Recerca Clínica i Sanitària Aplicada - GRC&SA belongs to the Clinical Epidemiology and Public Health Department of the Biomedical Research Institute Sant Pau (IIB Sant Pau), located at the Hospital de la Santa Creu i Sant Pau in Barcelona. We participate in relevant research networks such as Cochrane Collaboration, CIBERESP or GRADE Working Group.

GRC&SA is responsible for the Iberoamerican Cochrane Centre (IbCC) within the Cochrane Collaboration (www.cochrane.org). Our systematic reviews about the effects of healthcare interventions are published in The Cochrane Library and are among the most reliable sources of health information. We provide methodological & technical support to researchers in Spain, Portugal and Latin America and are responsible for the Biblioteca Cochrane (www.bibliotecacochrane.com).

Our training activities focus in four areas:

- i) evidence-based medicine tools;
- ii) Research methodology;
- iii) Acquisition of skills to efficiently and critically use scientific information;
- iv) How to apply these skills on daily clinical practice.



We have our own online learning portal (www.inpecs.com) and our courses are used in Master and PhD programmes of the Universitat Autònoma de Barcelona (UAB).

GRC&SA's research activity includes coordination or promotion of applied clinical research studies, healthcare service assessment studies, and non-commercial clinical trials both at national and international level (i.e. in peri-operative medicine, stem-cell therapy, or antibiotic prescription strategies).

We are particularly active in methodological research, participating internationally in relevant Methods Groups and providing guidance and tools to improve scientific information analysis, interpretation and communication. We develop methods for: i) systematic reviews, ii) clinical practice guideline updating, and iii) inclusion of patients' and consumers' values and preferences in the clinical decisions that affect them.

-Job position description:

3 years MSCA fellowship at the Methodological Research branch of the GRC&SA group to develop the skills required to analyze the appropriateness of social benefits (diagnostic tests, treatments, organizational regimes), formulate recommendations, and establish corrective actions, with the aim of improving the population's health and making a more sustainable health system

What can you expect?

You will receive a progressive and practical training based on a problem solving approach and consisting of 2 stages:

1. Training in epidemiology and statistics IbCC-IIB Sant Pau.

Main objectives:

Acquire the skills to design and analyze epidemiological studies

Gain competence for the development of evidence-based recommendations

You will enroll in our electronic courses, get used to specific softwares some of which have been fully developed by our group, and have the chance to improve your teaching skills.

2. Production and transfer of knowledge IbCC-IIB Sant Pau.

Main objective:

Acquire the skills to transfer scientific knowledge and integrate it into clinical practice

Specific objectives:

- Becoming familiar with the standards of the EQUATOR initiative.
- Learning to identify actions and activities aimed at reducing clinical inappropriateness.
- PhD studentship in the doctoral program Methodology of Biomedical Research and Public Health of the UAB, according to the format of compendium of a minimum of 3 articles published in international indexed journals.

You will be trained to master the scientific writing skills and the terminological conciseness that are necessary to prepare competitive research projects.

TUTORING

The successful candidate will hold follow-up meetings with the IP Dr. Xavier Bonfill and the specific tutors of the ongoing activities

At the end of the Training for the improvement of clinical appropriateness program, the candidate will be able to make autonomous and important contributions to increase the existing knowledge base on applied clinical and health research

OTHER RELEVANT WEBSITES

The Institute for Health and Clinical Excellence (INPECS) aims to contribute so that clinical practice and health care is as much appropriate as possible, based on scientific evidence and available resources within a humanistic and compassionate approach. The INPECS has been created from the experience of IbCC, located in the Department of Clinical Epidemiology and Public Health, Hospital de Sant Pau in Barcelona. Besides the coordinating team, INPECS has a variety of proven solvent partners working in different institutions. INPECS has developed a broad portfolio of services open to all individuals, institutions and companies that are interested in producing, disseminating or apply scientific knowledge to improve the health of patients and citizens in general. www.inpecs.com

DianaHealth is an acronym that stands for: Dissemination of Initiatives to Analyse Appropriateness in Healthcare. One of the initiatives promoted there is MAPAC, an initiative coordinated by the Department of Clinical Epidemiology and Public Health of the Hospital de la Santa Creu i Sant Pau. The MAPAC initiative seeks to improve the appropriateness of care and clinical practice by identifying potentially useless, doubtful or low-value interventions by making recommendations and proposals to reduce their use. It also seeks to promote the use of better options if available. Improving the appropriateness is a systematic and explicit process; its key points are the assessment of available scientific evidence and the active participation of clinicians, managers and methodological experts. www.dianahealth.com

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