

# **Methodological approaches for minimizing the health gaps. Habilitation thesis - summary**

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The elaboration of the present thesis aims to prove my scientific and professional maturity, in order to obtain the habilitation certificate and to guide doctoral students.

## **Education:**

I was born in Constanta, my parents were teachers of secondary school and I graduated the “Mircea cel Batran” College, at the program “Mathematics and Physics”. I graduated the Faculty of Medicine – University Carol Davila in 1988 and 1994.

I have three medical specialties (general medicine, public health and management (the one in which I work) and rehabilitation medicine.

I defended my PhD thesis in 2006.

## **Academic career**

I started my activity in the Discipline Public Health and Management in 1998 as resident physician and I get my first permanent position in 2003, as assistant professor. I became lecturer in 2006 and associate professor in 2013. I was elected as department director – Department Preclinic 3 – Complementary Sciences in 2016 and I held this position between 2016 – 2020.

Since March 2020 I was assigned ad vice rector for institutional strategy, academic evaluation and quality.

## **Professional Pathway**

I worked as resident physician between 1995 – 1999. I was employed by the Ministry of Health in 1999 and I work there for 11 years, as adviser in the General Secretary Cabinet (1999 – 2005), project coordinator (2005 – 2006), Head of Public Policies unit (2006 – 2007) and general director of the Public Health Authority (2007 – 2009 (January)).

Since 2011 I work as senior public health physician at the National Institute of Public Health (the National Centre for Health Evaluation and Health promotion 2011 – 2019 and National Center for Communicable Diseases - Plannin Unist since 2019).

## **Summary of scientific activities and results**

My doctoral thesis was entitled "Organizational management in health, in light of the normative acts that regulate the health system".

I have published 17 books or chapters, 23 scientific papers in ISI journals (14 as main author), 45 papers in other IDB journals and I have up to present 49 citation in ISI Web of Knowledge, 88 in Scopus and 265 in Google scholar.

I have worked as coordinator or team member in more than 50 international or national projects. I have been involved in many national or international scientific events, I worked in many international teams in a multicultural environment.

My main research topics are the following:

1. Models of health services – organization, resources and sustainability in ensuring an equitable response to the health needs
2. Health gaps analysis, with focus on EU-Romanian health gaps, the health gaps within the country and the causes for premature and avoidable mortality
3. The study of health determinant with focus on alcohol drinking, its harmful consequences and alcohol related strategies
4. Multidisciplinary studies of different clinical pathologies, with focus on gynecology – endometrial and cervical cancer, obstetrics, prematurity and neonatal pathology, digestive and respiratory, real world data studies and populational (prevalence) studies
5. Health strategies and programs – with focus on evaluation of sectoral strategies and programs, developing populational screening programs, developing innovative public health interventions for vulnerable groups.

My vision on my future career is centered on ensuring a consistent contribution to the fundamental mission of UMF Carol Davila to generate knowledge.

I will focus on the following objectives: to increase the visibility in the field of scientific research, personally and institutionally; to develop and improve my teaching skills, my student-centered approach and the learning environment for the discipline, the specialty and the university; to contribute to the development of the "Public Health and Management" medical specialty (to update the curriculum, define the roles and responsibilities in the health system and the career pathway); to contribute to the definition and implementation of the institutional strategy and to the university overall performance.