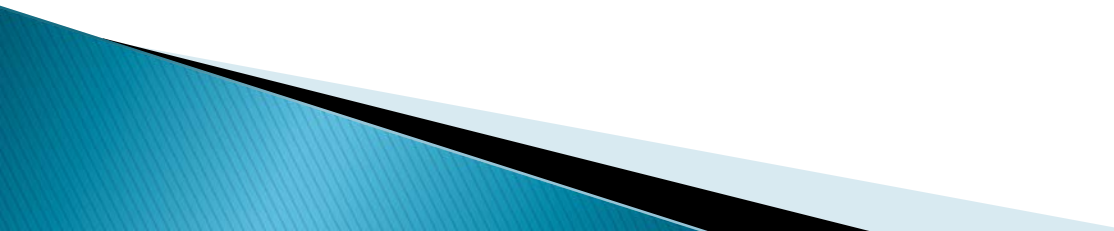# eHealth Academy
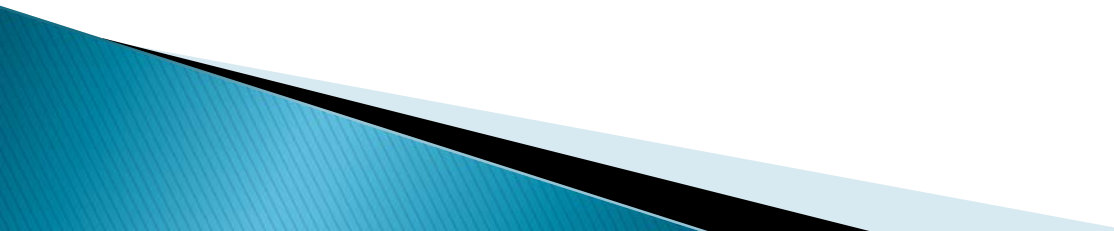
Dr. Leonid Androuchko
Vice-Rapporteur Q 2/2
Dominic Foundation

- This is the special program which explores some of the greatest challenges and opportunities facing healthcare business today. It is designed for business professionals who want to apply modern information and communication technology for new advanced services in healthcare practice with a focus on developing countries. Each student will have a highly qualified supervisor from the beginning and till the end of the study.
- It is a joint DBA Programme of the Sustainability Management School (Switzerland) together with NAKAJIMA Laboratory School of Medicine, Tokai University (Japan),
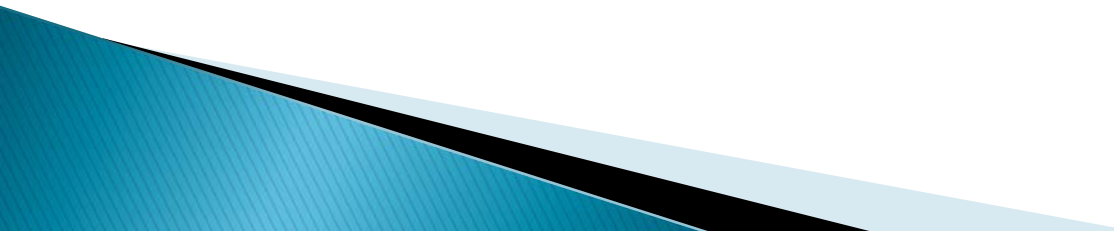
Program justification
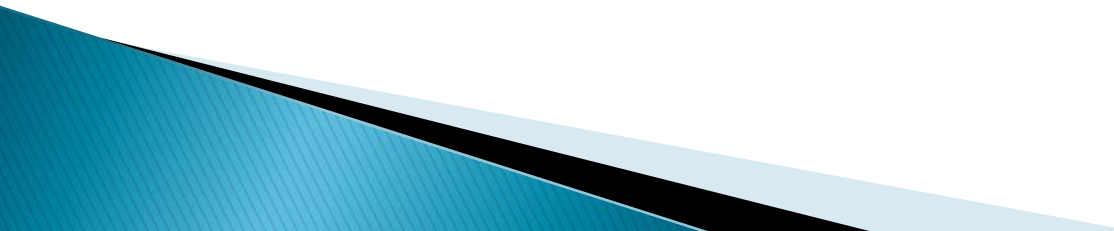
- The World Health Organization adopted the following broad description of eHealth/telemedicine which is:

- "The delivery of health care services, where distance is a critical factor, by all health care professionals using information and communication technologies for the exchange of valid information for diagnosis, treatment and prevention of disease and injuries, research and evaluation, and for the continuing education of health care providers, all in the interests of advancing the health of individuals and their communities".

- eHealth refers to the use of modern information and communication technologies to meet the needs of citizens, patients, healthcare professionals, healthcare providers, as well as policy makers.
- In sum, WHO had underlined that eHealth includes four elements:
- Its purpose is to provide clinical support;
- It intends to overcome geographical barriers, connecting users who are not in the same physical location;
- It involves the use of various types of information technology;
- Its goal is to improve health outcomes.

▸ eHealth is playing a very important role in healthcare delivery in developing countries, where the acute shortage of doctors, nurses and paramedics is directly proportional to the enormous unsatisfied demand for health services. The implementations of eHealth in developing world has not reached the necessary level in order significantly to influence the healthcare systems.

▸ In some developing countries, the number of mobile phones has overtaken the number of fixed phones, and the mobile telecommunication network could be considered a more attractive platform for the introduction of eHealth services.

- According to recent research, we could face a serious medical professional shortage across the world in the next ten to fifteen years. What does this mean for us — and our healthcare system?
- Not enough doctors to go around;
- The crisis is and will be international;
- Affecting both developed and developing countries.
-
- The shortage than many developing countries are facing now and will face is and will be much serious as compared to the shortage in developed countries. The chronic shortages of trained medical professionals are due to lack of training, limited finances (bad working conditions) and brain drain.

▸ The question is: What can we do? The answer is: Forster worldwide eHealth implementation as fast as possible. Definitely, eHealth implementation will not be the miracle solving all problems, yet, it will provide a chance still to offer citizens worldwide affordable, high-quality healthcare.

- The DBA Programme has two parts. The first part is dealing with the different field of research according to the interest of students and available recourses and the second part is based on health care management under the title – eHealth Academy.
- eHealth Academy will offer two additional workshops:
- Overview of eHealth services implemented in developing countries.
- How to develop a national eHealth policy.

- **Note**: The DBA was originally developed by Harvard University (USA) to the research and knowledge needs of business management. The Department of Education in the United States recognizes the DBA as "equivalent" to the PhD, and the British Economic and Social Research Council recognizes PhD and DBA programs equally.