

## **SUMMARY**

Medical Doctor experienced in public health, quality of health care, EBM, health systems research, health and medical informatics, medical and health care statistics, modeling, project management, computer applications, hospital and national information systems. International activities involved two MATRA projects (Dutch), a project on severe traumatic brain injuries management in 7 hospitals in Austria, 3 Balkan countries (EU 5<sup>th</sup> Framework Program) and 8 countries of CEE<sup>1</sup>, 2 US AID projects in Slovakia, Open Society Institute in U.S., Regional Projects in Central and Eastern Europe and Newly Independent States, Albert Schweitzer Institute for the Humanities, consultancies for World Health Organization (WHO) in Geneva and HEDEC, Finland, European Union research projects, 12 years research scholarship in the International Institute of Applied System Analysis (IIASA) in Austria.

## **QUALIFICATIONS INCLUDE**

- Project management on a senior level program manager and consultant including project planning administration, human resources and financial management. In the same capacity helping different organizations to identify problems, to assess, to communicate, to bring people together, to develop plans and to “trouble shoot” projects of east and west collaboration ;
- 20 years experiences in medical informatics including hospital, regional and national health information systems, Internet systems and Web page development;
- experiences in evidence based medicine, implementation of clinical guidelines and treatment protocols for outpatient and inpatient management, outcome evaluation and Continuous Quality Management;
- Leadership positions locally and internationally: Secretary to the National Health Committee at Slovak Government, director of National Center for Health Promotion, Slovakia, head of WHO Collaborative Center in Slovakia, head of Department of Medical Informatics, School of Nursing Bratislava, head of consultancy team in Bulgaria, principal investigator in several research projects;
- Development of public health, evidence based quality of hospital care assessment and development, health promotion, and health care system reforms programs, international collaboration;
- Established registers of chronic diseases; epidemiological and statistical analysis for assessment of needs for public health;
- Research in models of chronic disease, health resource allocation, health technologies; over 50 publications in professional journals, 2 monographs, and participation in many national and international conferences;
- Languages: English, Russian, German, Polish, Slovak (native speaker).

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1 CEE Central and Eastern Europe

## **PROFESSIONAL EXPERIENCE**

Building Quality Development Programme in Slovakia, MAT03/SK/9/1, Senior Consultant in issues of standards of care and education.

Project Copernicus 2 – BALKAN REINTEGRATION (EU 5<sup>th</sup> Framework Program) Reducing mortality and long-term disability of TBI victims through research into treatment procedures used in Bosnia-Herzegovina, Macedonia and Croatia the project coordinator and principal investigator. Research into factors in the Balkan region, which determine the quality of care for victims of severe Traumatic Brain Injuries (TBI) (Glasgow Coma Scale less than 9), accentuating the quality of life after recovery. Dissemination of state-of-the-art knowledge on quality care of Traumatic Brain Injury patients; Practical and participative implementing programs for the introduction into clinical care procedures of Scientific Evidence Based Guidelines.

Developing Terms of Reference for *Strengthening of the Estonian capacity in the control of communicable diseases*, MAT03/ES/9/1a Senter Internationaal Pre-accession programmes;

Management of a Patient with Severe Brain Trauma Injury, a project focused on implementation of evidence based guidelines for treatment of patients with severe traumatic brain injury in Austria, Italy, Slovak and Czech Republics. The quality control is secured through distributed database and distance learning and consulting. Responsibilities: manager of the project in European countries, taking part in program implementation, project development, quality control, the database maintenance, and results evaluation within a multidisciplinary team. Utilizing mostly skills from public health, epidemiology, statistics, informatics and medical systems reengineering.

Promotion of Patients' Rights in Slovakia, a project (MATRA Mat/01/sk/93) supported by the government of Netherlands. The program aims at enhancing a sustainable implementation of patients' rights in Slovakia. The program wants to stimulate, to support and to empower a wide array of relevant stakeholders in the field of health and patients' rights. Being involved primarily in strategic planning for the program, and for pilots in information support as well as in interaction with stakeholders.

Project Finance and Primary Health Care in Slovak Republic, PHARE No : SR 9708.01.01 implemented by MEDE European Consultancy B.V., THE NETHERLANDS. Supervision of the entire project, supervision of local experts, development and implementation of the project on "Implementation of Medical Treatment Guidelines" into practice of primary care.

Environmental Health Project, project funded by US Agency for International Development. In-country project coordinator, responsibilities: as member of multi-disciplinary team participated in project implementation, management and follow-up within Slovakia, taking part in health education document development, policy design, follow up and evaluation, lecturing and teaching on environment and health issues. I make use of skills in epidemiology of chronic diseases, nonlinear statistics, health promotion and community health activities.

Director, National Center for Health Promotion, Bratislava, Slovak Republic. The institute had 120 staff, among which 70 professionals from the fields of public health, preventive medicine, sociology, statistics, mathematics and computing. I was responsible for management of the institution, fund raising, PR, research, manpower development and many international professional contacts and collaborative research programs. In this capacity I acted as a Secretary to the National Health Committee at Slovak Government. In both of those positions I gained close insights into health policies development issues, projects and programs design, development and evaluation.

Associated Professor of Public Health in Trnava University (habilitated 1996). In this

capacity I teach students of public health and students of nursing. My teaching experiences from abroad: Salzburg seminar, University of Vienna, Heidelberg University, IIASA.

HealthNet, project funded by Open Society Fund, New York, in a capacity of principal project manager. Two year project to provide Internet connectivity for health professionals in Slovakia. This is a pilot project designed to be replicated in other CEE and NIS countries in 1997. My responsibilities are to develop the project structure, select the main components (hardware, software, operating system, communication devices), indicate contents of the WWW pages, coordinate the activities, raise funds, contact and work with partners. I make use of my skills in computing, system development, team management, fund raising. The WWW site can be reached on <http://www.healthnet.sk/>. The Open Society Institute's funded project (3 years) on second hand therapeutic and diagnostic technology transfer from US and Western Europe to CEE and NIS countries under my coordination successfully installed CTs, ventilators, ECGs and other in hospitals of Slovakia, Romania and Moldova.

Albert Schweitzer Institute for the Humanities, USA. As representative for CEE and NIS my responsibilities were to provide contacts for people from the region and organise seminars, conferences, projects, which involve collaboration of local people with professionals from US and Western Europe. Here I use my contacts with people in those countries, who are active in the field of public health, health policy reform and health system transformation. I use my knowledge of Russian to overcome language limitations existing in those countries.

Resident Office Director and Technical Advisor to the Health Markets Project for Healthcare Enterprise Incorporation, Washington, USA, a project sponsored by US AID on Increased Performance and Quality of Care in Slovak Hospitals. I utilized my experiences from hospital administration and quality of care development in this project as well as 10 years of experiences in hospital and health information systems.

European Union research project on Quality Adjusted Life Years (QALY). The research was directed toward elucidation of ethical consequences of health resources allocation decisions. I applied my experiences from health promotion and public health as well as statistics for analysis of collected materials. I studied theoretical and practical aspects of applied ethics with the primary interest in health resources allocation.

In a capacity of temporary advisor to Noncommunicable Diseases and Health Technologies Division, World Health Organization in Geneva I participated on development of WHO guidelines for developing national health technologies projects, prepared overview of formal models in health care, participated on several evaluations of the project CINDI<sup>2</sup> developed in WHO. For three years I worked as the principal statistician in analysis of results from multi-center study of oral contraception and blood pressure. Worked with leading cardiologists from the US and UK to produce statistical risk assessment and nonlinear risk estimates using logistic and Cox methods of statistical inference. Experiences acquired from WHO activities significantly contributed to my decision to orient myself to public health and social medicine.

I became the Director of the National Center for Health Promotion which became the first WHO collaborating center. In this capacity the Center developed collaborative research programs with professionals from CEE and NIS as well as from US and from Western Europe.

Being associated with the International Institute of Applied System Analysis, Austria for more than 10 years as scholar fellow my primary research interests were oriented to development of models on health care resources allocation, disease distribution and forecasting. Applied computing, statistical analysis, modelling, simulation, and verification

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techniques to address questions in chronic disease epidemiology, and resource allocation in health care decision-making were among my primary research interests.

**EMPLOYMENT HISTORY**

- 1999 - Executive Director at the Internationale Gesellschaft zur Erforschung von Hirntraumata (Int. Neurotrauma Research Organization), Vienna, Austria
- 1997 - 99 The Aitken Neurosciences Institute, New York, USA, Project Manager for 8 countries in Europe
- 1995 - 98 Environmental Health Project (based on the US AID Grant), Washington, USA, Country Coordinator for Slovakia
- 1995 - 95 Healthcare Enterprise Incorporation, Washington, USA, Resident Health Markets Project Office Director and Technical Advisor
- 1994 - Trnava University, School of Public Health, Associated Professor (part time), teaching public health policy development and biostatistics
- 1993 – 95 Director, National Center for Health Promotion, Bratislava
- 1993 - 95 Secretary, Governmental Council for Health Promotion, Government of Slovak Republic, Slovakia
- 1991 - 93 Acting Director, Research Institute of Medical Informatics, Bratislava
- 1990 – 91 Deputy Director for R&D, Medical Bionics Research Institute, Bratislava
- 1988 - 91 Head of the Department of Medical Informatics, Institute for Postgraduate Studies of Nurses, Bratislava
- 1981 - Assistant Professor of Medicine, Department of Medical Informatics, School of Public Health, Inst. for Medical Postgraduate Studies, Bratislava
- 1980 - 90 Chairman, Centre of Medical Informatics, Medical Bionics Research Institute, Bratislava
- 1977 - 80 Assistant Professor of Medicine, Department of Internal Medicine, Komensky University, Bratislava

**EDUCATION**

- 1988 Specialization in Health Care Management, Postgraduate course from Institute of Control Sciences, Bratislava
- 1981 CSc in general medicine, Thesis: *A contribution to the understanding of cancer cells kinetics and oncological morbidity using approaches of the system analysis*. Institute of Experimental Oncology, Slovak Academy of Sciences, Bratislava
- 1979 Specialization in Medical Cybernetics, Diploma study, Institute for Medical Postgraduate Studies, Bratislava
- 1975 M.D. Medical School, Komensky University, Bratislava

**FOREIGN LANGUAGES**

English, Russian, German speak, read, write  
Polish and Slavic languages read, limited speaking abilities

**PERSONAL DATA**

born March 14<sup>th</sup>, 1951, Bratislava, Czechoslovakia, married, 2 children