Caucasus Journal of Health Sciences and Public Health

Official journal of the University of Georgia and Iv. Javakhishvili Tbilisi State University



About the Editors

Editors-in-Chief:

Amiran Gamkrelidze

MD, PhD, ScD, Professor

Key qualifications:

- 1990, Institute of Immunology, Moscow, USSR, defended second Academic Degree (ScD)
- 1979, Tbilisi State Medical Institute, Georgia, defended first Academic Degree (PhD)
- 1968-1974, Tbilisi State Medical Institute, Georgia, Diploma of Physician (MD)

Relevant work experience:

- 2013-present, National Center for Disease Control and Public Health, Tbilisi, Georgia, General Director
- 2005-2013, WHO Country office in Georgia, Country Programme Coordinator for STIs / HIV / AIDS
- \diamond 2004-present, University of Georgia, Tbilisi, professor \diamond
- 2004-present, Tromso University, Norway, visiting professor
 2004 present Content of Allegeneral Learning
- ◊ 2004-present, Center of Allergy and Immunology, sci- ◊ entific advisor
- ◊ 2001-2004, Ministry of Labour, Health and Social Af- ◊ fairs, Minister
- ◊ 1999-2000, Ministry of Labour, Health and Social Af- ◊ fairs, First Deputy Minister
- 1994-1995, National Health Management Center, Director
- ◊ 1982–1987, Institute of Clinical Immunology of Freidrich Schiller University, Jena, Germany, researcher in clinical immunology
- 1982–1987, Department of Pediatrics of the University of Linkoping, Sweden, researcher

Dr. Amiran Gamkrelidze is a member of Editorial Boards of Journals: World Allergy Organization Journal, Allergo-Journal (Germany), Georgian Medical News, Georgian Respiratory Journal. He is also a member of the European Academy of Allergy and Clinical Immunology, German Association of Allergology and Clinical Immunology, Board of Georgian Association of Allergology and Clinical Immunology.

Toralf Hasvold MD, PhD, Professor Emeritus

Key qualifications:

- Qualified as Medical Doctor at Oslo University in 1973
- Defended my PhD in 1996 at Tromsø University, Norway
 - Licensed as Specialist in Public Health / Community Medicine in 1996
- Licensed as Specialist in General Practice 1988 1998 (Did not relicense after 1998)
- A Licensed as Trainer in General Practice from 1988

- Professor of General Practice, University of Tromsø 01.12.98 -
- ♦ Professor emeritus since 01.01.2011
- Director of Centre of Integrated Care and Telemedicine, University Hospital of North Norway: 01.08.08 – 01.01.11
- Dean of Medical Faculty, University of Tromsø: 01.08.05 – 01.08.07
- Honorary Professor of Public Health at University of Georgia: 01.09.2009 –
- Visiting professor, James Cook University, Townsville, Australia: 28.10.02 – 31.03.03
- ♦ WHO Public Health Advisor to the Ministries of Health in the Republic Armenia and Georgia: 01.12.96 - 02.12.98
- WHO Public Health Advisor to the Ministries of Health in the Republic Armenia and Georgia: 01.12.96 - 02.12.98
- Municipality doctor/Public Health Officer/Chief Doctor in Bardu Municipality: 01.04.85 - 01.08.96
 - Bardu: District doctor: 01.07.83 01.04.85
 - Salangen: District doctor in charge: 01.04.82 01.07.83
- Balsfjord: District doctor in charge: 21.11.74 01.05.78 and 01.05.80 31.03.82



Executive Editor

Vasil Tkheshelashvili MD, JD, PhD, ScD, Professor

Key qualifications:

- 2006, Washington, USA, ACS and UICC training in "Global Mission in Cancer Control"
- 2000, Sofia, Bulgaria, IACR and ENCR training in
 "Population Based Cancer Registration"
- ◊ 1997-2002, Tbilisi Law Institute, Diploma of Lawyer (JD)
- 1989-1992, Prof. N.Petrov Oncology Research Institute, St.-Petersburg, Russia; In 1992 defended second Academic Degree (ScD)
- I988, Oncology Scientific Center, Moscow, IARC training in "Cancer Epidemiology"
- 1979-1982, Prof. N.Petrov Oncology Research Institute, Leningrad, USSR; In 1982 defended first Academic Degree (PhD)
- 1977-1979, Oncology Scientific Center, Tbilisi, Postgraduate training in oncology, Licensed as Specialist in Oncology
- 1971-1977, Tbilisi State Medical Institute, Georgia, Diploma of Physician (MD)

Relevant work experience:

- ◊ 2011-present, The University of Georgia, Tbilisi, Professor
- ◊ 2010-2011, G.Natadze Research Institute of Sanitary, Hygiene and Medical Ecology, Deputy Director
- 2006-2010, The University of Georgia, Tbilisi, Invited Teacher
- 2005-2006, Georgian State Medical Academy, Tbilisi, Professor
- 2004-2006, Tbilisi Cancer Center, Deputy Director, Head of Population Based Cancer Registry
- 1999-present, National Association of Cancer Control (NACC), Tbilisi, Founder and President
- 1994-2009, National Cancer Center, Tbilisi Department of Cancer Epidemiology and Control, Head
- 1994-1996, National Cancer Center, Tbilisi, Deputy Director in Information and Cancer Control
- 1983-1994, Oncology Scientific Center, Tbilisi, Department of Gynecology, Scientific Staff (steps: Junior, Senior, Leading)
- 1982-1983, Oncology Scientific Center, Tbilisi, Department of Gynecology, MD, Oncologist, Gynecologist

Members of the Editorial Board:

Zaza Avaliani

MD, PhD, Professor

Key qualifications:

- 1994-2003, Doctor of Philosophy (PhD), Tbilisi State Medical University, Tbilisi, Georgia.
- 1984-1986, Doctor Pathologyanatomist, Tbilisi State Medical Institute, Tbilisi, Georgia.
- ◊ 1978-1984, Medical Doctor (MD) specialized in General Medicine. Tbilisi State Medical Institute, Faculty of Medicine, Tbilisi, Georgia.



- 2014–Present, Executive Director of National Center for Tuberculosis and Lung Diseases
- ◊ 2013–2014, Medical Director Martin D. Abeloff Laboratory, Cancer Research Center
- 2012–Present, Deputy Director Tbilisi Central Hospital
- 2012–Present, full Professor Georgian University Nursing School
- 2012 Present, Deputy Director, Medical-diagnostic clinic "444", Tbilisi, Georgia.
- ♦ 2012–Present, Program and Project Administration Head at clinic "Health Center", Tbilisi, Georgia.
- ◊ 2011-Present, Medical doctor (MD), Pathologanatomist, clinic "Geohospitals", Georgia.
- ◊ 2007–Present, President, Association of Georgian Pathologists XXI, Tbilisi, Georgia.
- 2006–Present, President, Association of Medical Education Professionals, Tbilisi, Georgia.
- 2002–Present, Member, National Bioethics Council, Expert at Ministry of Labor, Health and Social Affairs, Tbilisi, Georgia.
- ◊ 1999–Present, Member, Association for Medical Education in Europe.
- 2009–2010, Director, Vocational Training Center "Speqtri", Tbilisi, Georgia.
- 2009–2010, Expert at National Scientific Fund, Tbilisi, Georgia.
- ◊ 2007 2009. Full professor, program leader, IB EuroCaucasian University, Tbilisi, Georgia.
- 2007–2009, Head of Strategic Development and Quality Control Department, Aversi Clinic, Tbilisi, Georgia.
- 1998 2007. Associated Professor, Pathology Department, Tbilisi State Medical University, Tbilisi, Georgia.
- 2003 2006. Vice-rector, Head of Education/Sciences Department, Tbilisi State Medical University, Tbilisi, Georgia.





Nino Chikhladze

MD, PhD, Associate Professor

Key Qualifications:

- 1988-Qualified Medical Doctor at Tbilisi State Medical Institute, Faculty of Medicine, Georgia
- 1988-Faculty of International Relation with specialization in French, Tbilisi State University, Georgia



- ◊ 1989-Tbilisi State Medical University Hospital
 №2, Internship in Internal Medicine, Georgia
- ◊ 1997-PhD at Tbilisi State University, Georgia
- ◊ 2001-Licensed as specialist in Public Health and Health Care Management

Relevant work experience:

- Since 1988 she has been involved in clinical activities, since 1992 in academic activity as well. Since 1996 she has been lecturing at TSU. From 2006 till present
 she is an Associate Professor at the Public Health Department of the Faculty of Medicine of TSU and the Head of Faculty's Quality Assurance Department. She
 is also a member of Faculty Scientific Board.
- Since 2005 she has been actively involved in reformation of Higher Medical Educational System of Georgia. She is a co-author of "Benchmark Statement
 in Medicine" (2011) and "Benchmark Statement in Nursing" (2010) in Georgia. She is an Expert of Na-
 tional Center for Educational Quality Enhancement of Georgia.
- She is an Expert of the UNESCO Global Ethics Obser vatory. She has been involved in academic activities as
 a scholar, visiting professor in the frame of different
 programs at Universities Paris and Rennes (France),
 Granada (Spain), Tartu (Estonia).
- She has an experience in coordinating International projects (supported by European Union, Norwegian Center for International Collaboration in Education) in the sphere of Public Health and Medical Education.
- She is the author of scientific works and manuals. She is a member of Scientific Editorial Board of International Journals (Morocco, Poland).
- ◊ Professor Nino Chikhladze has been awarded for her ◊ contribution to the Development TSU Medical Faculty.by TSU Administration.

Tamar Lobjanidze PhD(c)

Key qualifications:

- 1979-1986 Tbilisi State University, Medical Physics Faculty, Graduate Diploma
- 2013/05-up to now PhD (c) in Public Health (Doctoral Thesis: "Evaluation Systems and devel-



opment of Public Health and Social Services Modeling in Georgia"), The University of Georgia

- 2006-up to now Dean of School of Health Sciences and Public Health, The University of Georgia
- ◊ 2016/1- up to now Team leader for UG, SIU Project CPEA-2015/10057 "Georgian-Norwegian Collaborative in Public Health (GeNoC-PH)
 - 2010/10- up to now Co-director of bachelor program "Healthcare Administration" and master program: "Public Health and Health care Policy"
 - 2007- up to now Member of board, National Medical center of Developing and inculcation of Guidelines and Protocols, MOLSHA (Ministry of labor, Health and Social Affairs of Georgia)
 - 2012/6 2015 Co-coordinator, coordinator for Georgians HEIs
 - SIU Project CPEA-2012/10040 "Doctoral Programme in Public Health: Norway Experience of Third Cycle Studies for Georgia"
 - 2011/9-2011/12 Project Coordinator, Project N TA-CIS/2007/147562, contract EU/ET/04-24 "Preparation of Academic Personnel for Nursing in Bachelor Study" 2010/10-2013 Academic Staff, TEMPUS project No.511303-TEMPUS-1-2010-1-UK (GE) "Master Pro-
 - grammers in Public Health and Social Services" 2009/9 - 2010/5 Project Coordinator, Training for
 - Health Sector Managers, GHSPIC Project 2.1./LTA
- 2009 –up to now Affiliated Faculty University of Scranton, PA, USA, Health Management Education
 - 2007-2009 Board Member, Join Committee of Healthcare Reforms in Georgian Penitential systems 2005-2008 Top Manager, Epilepsy Prevention Centre
 - of Georgia
- ◊ 2004-2009 Regional Coordinator, Children Safety Programme with seaport of USAID ACTS-International Georgia
- 1996-2004 Vice-Chief, Public Health Department (MOLSHA Georgia)

Nata Kazakhashvili

MD, PhD, Associate Professor

1973-1979 studied in TSMU, after graduation conducted practical medical work in 1980-1986. In 1986 started to work in the public health sector and health organization from Tbilisi municipal health service. In 1993-2007 she worked in health care system of Georgia at different manapositions. gerial including head of mother and child is-



sues department, head of state health program management department, deputy general director in the issues of medical insurance of united state foundation of Georgian social insurance. She has been participating in and cooperating with partner programs implemented by international organizations in Georgia since 1994. She has been actively involved in international conferences and seminars regarding issues of public health; the most important among them are: preparation of European declaration of rights of the patients (1994, Amsterdam, Netherlands), training course in he was Director General of management (1994, Atlanta, USA), implementation of the NCDC. He continues to strategy of improvement of health protection of mother and serve as the head of the Dechild in developing countries (1997 WHO European regional bureau, Copenhagen, Denmark), implementation of the first project of World Bank and Georgia about reform of the health care system (1995-1999); participation in primary health care system reform project together with WB/ EU/DFID/OPM (1998-2002); In 2004-2008 she together with Oxford Policy group (OPM) participated in preparation of training program for managers of primary health care, as a member of the training program and a lecturer. She has been an associate professor of TSU since 2004 and she manages training programs of the bachelor and postgraduate students "Public health care", "Organization and Group "Environmental health inequalities in Europe". management of health care". Since 2006 she has been man- From 2003 to 2006 he was a member elect of the Joint Coaging training courses of postgraduate: "Bioethics and medical law", "Management and improving of quality of medical service". She participates in implementation of a partner program of SU/Scranton University. From 2012 she participated in International Project "The World Justice Project" (WJP) as Expert. she have had TEMPUS project "postgraduate programs in public health and social service". Duration of the project is 36 months - 2010-2013

and USAID/G-PAC/TSU projects "preparation and implementation of educational programs for teaching the health policy in Iv. Javakhishvili Tbilisi State University" the duration of the projects May 2011-December 2011. She is a corresponding member of the academy of medical-social sciences, member of professional association of perinatologists and neonatologists, member of the society of pediatricians of Georgia, expert-consultant of the magazine "Parents' school", author of 32 scientific works, reviewer of numerous manuals and methodological recommendations, a consultant. She was awarded by a special medal and a certificate of WHO/EURO for eradication of poliomyelitis in European region. She has been working as a first deputy Director General of Chachava clinic and continues pedagogical activities in Tbilisi State University, as well as University of Georgia.

Paata Imnadze

MD, PhD, Professor

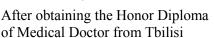
Science Director, National Center for Disease Control and Public Health (NCDC), Tbilisi, Georgia. 1992-2010 partment of Public Health at the Tbilisi State University, and was formerly Associate Professor of the Department of Microbiology and Immu-



nology at the Tbilisi State Medical University. He is member of the National Council on Bioethics and President of the Public Health Association. Prof. Imnadze was a member of the WHO Intergovernmental Working Group on the Revision of the IHR (2004-2005), the WHO European Technical Advisory Group of Experts on Immunization (2005-2011), and in 2012 was a member of the Editorial ordinating Board of the UNICEF/UNDP/World Bank/ WHO Special Program for Research and Training in Tropical Diseases. He is a Member of the International Health Regulations (2005) Emergency Committee concerning Middle East Respiratory Syndrome Coronavirus (MERS-CoV). Prof. Imnadze published 40 peer-reviewed articles, 3 manuals, about 100 abstracts, and has been honored with the Order of Dignity.

Alexander Tsiskaridze MD, PhD, ScD, FESO, Professor

Professor of Neurology, Dean of the Faculty of Medicine at Ivane Javakhishvili Tbilisi State University, Scientific Director at the Sarajishvili Institute of Neurology and Head of Neurological Service at Pineo Medical Ecosystem.



State Medical University, Alexander Tsiskaridze continued his academic career in Sarajishvili Institute of Neurology in the capacity of intern (1988-1989). In the late 90ies he has undertaken European Neurological Society Fellowship in Centre Hospitalier Universitaire Vaudois, Lausanne, Switzerland and later he gained Swiss National Science Foundation Fellowship at the same University (2003-2004).

Dr. Tsiskaridze started his professional career since late 80ies at Sarajishvili Institute of Neurology in the capacity of Junior Scientific Researcher. Later he became Senior Scientific Researcher, Head of Research Department and finally held the position of Scientific Director.

Dr. Tsiskaridze is the author of 53 scientific articles. He has received numerous international and local degrees, awards and honors including the degree of Candidate of Medical Sciences (PhD), the degree of Doctor of Medical Sciences, Sarajishvili Medal and Honour Diploma for Achievements in Neurological Research of Georgian Association of Neurologist and Neurosurgeons, Young Investigator's Award of the European Stroke Council, Bruce Schoenberg International Award in Neuroepidemiology of the American Academy of Neurology, Georgian National Scientific Prize and Silver Medal for the Cycle of Papers on Cerebrovascular Disorders, Order of Merit of President of Georgia.

Prof. Tsiskaridze is the member of Board of Directors and Founding Fellow of European Stroke Organization, member of Scientific Panel on Stroke of the European Academy of Neurology, member of Board of Directors of Curatio International Foundation.

He is a member Editorial Board of various journals including European Neurology (Karger Publishes) and European Stroke Journal (Sage Publishers). He serves as a peerreviewer of Journal of Neurology, Neurosurgery and Psychiatry, Stroke, Journal of Neurological Sciences, Internal and Emergency Medicine, Neuroepidemiology, Cerebrovascular Diseases, European Neurology, Frontiers in Neurology, Journal of Neuroinflammation, Journal of Stroke and Cerebrovascular Diseases, and Case Reports in Neurology.

Otar Toidze

MD, PhD, ScD, Professor

Key qualifications:

- 1998 Certificate of The Trainer of the Epilepsy Academy of the International League Against Epilepsy
- ◊ 1966-1972 Tbilisi state Medical University, MD



- ◊ 2015-present University of Georgia, Full professor
- 2012-2014 Medical doctor and Chief Adviser at the Institute of Neurology and Neuropsychology
- 2004-2012 Member of the Parliament, Chairmen of The Committee of Health and Social Issues
- 2005-2015 Member of European Federation of Neurological Sciences
- 2005-2010 An international study "Prevalence of Epilepsy and antiepileptic Treatment Gap in Georgia" – Principal Investigator
- 2005 Honorary title of the World Medical Association -"Most Carrying Physician of World 2005"
- 2003 Golden medal and Honorary title of the Ministry of Health of Georgia -"The best doctor of Georgia 2003"
- ◊ 2000-2004 An international multicentre study "An International Antiepileptic Drugs and Pregnancy Registry" – National Coordinator
- 2000-2004 rector of the institute of traditional and classical medicine
- 1994-2000 prorector of The institute of traditional and classical medicine
- 1973-2004 Medical doctor and Scientific Fellow at the Institute of Clinical and Experimental Neurology
- ♦ 1999-2004 Fellow of Royal Medical Society, UK
- 1996-2015 Vice-President of the Georgian League Against Epilepsy

Otar Vasadze MD, PhD, Professor



Key qualifications:

- Qualified as Medical Doctor in 1976 at Tbilisi State Medical University, Tbilisi, Georgia
- Defended PhD in 1982 at Institute of General Pathology, Moscow, Russia
- Affiliated Faculty in the Department of Health Administration and Human Resources, University of Scranton, Scranton, PA, USA from 2000
- Licensed as Specialist in Public Health and Health Management in 2003
- Professor in the School of Health Sciences and Public Health, University of Georgia, Tbilisi, Georgia from 2007

Relevant work experience:

- Professor of Health Management, University of Georgia: 01.11.2007 -
- Associated Professor of Health Management, Universi ty of Georgia: 01.02.2005 - 01.11.2007
- Director of National Institute of Health of Geprgia: 01.05.2003 – 02.08.2004
- Director of National Health Management Center of Geprgia: 10.06.1997 – 30.04.2003
- Deputy Director of National Health Management Center of Geprgia: 01.07.1995 10.06.1197
- Head of Department of Primary Health Care and Continuous Medical Education Informatization of Institute of Informatics and Complex Automation in Health: 21.11.1994 – 01.07.1995
- Head of Scientific-Research Department of Tbilisi
 State Medical University: 01.13.1989 21.11.1994
- Head of the Group of Surgical Treatment of Institute of Cardiology: 01.07.1983 – 01.13.1989
- Junior Scientific Researcher of Institute of Surgery: 01.04.85 - 01.08.96

Author and co-author of 45 articles, 4 textbooks, 3 books and 1 dictionary, in total 53 publications.

Elza Nikoleishvili MD, PhD, Professor



Key qualifications:

- à Qualified as Medical Doctor at Tbilisi medical Academy in 1995
- à Defended PhD in 2006 at Tbilisi State Medical University
- à Licensed as Specialist in General Pediatrics in 2001
- à Trainer and Head of Training courses: 1) Pharmacovigilance barriers and perspectives in Georgia. Practical aspects 2. Control of substances under special control. Practical aspects 2017-2018

- 2013- to present University of Georgia. School of Health Science and Public Health. Head of Pharmacy Department. Head of Pharmacy Bachelor and Master Programs. Professor
- The Member of working board of Public Health core competencies for the Public health professional 2018-2019
- 2014-to present lecturer of pediatrics in David Tvildiani Medical University
- ◊ 2010 –to present International Medical Tourism Company, Co-founder and Medical director.
- 2010-2013 Pharmaceutical Company "Medservice" Head of Promotion and marketing regional department
- 2009-2010 Director of Multiprofile Medical Clinic "Uno +"
- 2006-2009 Pharmaceutical company "Medinserv"
 Head of marketing and promotion regional department
- 1998-2006 M. Guramishvili Pediatric Clinic pediatrician

Members of the Editorial Board: Irakli Mchedlishvili

MD, PhD, ScD, Professor



PROFESSIONAL ACTIVITY

Head of the Division of Epidemiology and Biostatistics and Public Health Department, Tbilisi State Medical University, Professor, Dean of Faculty of Public Health, Vice-President of Preventive Medicine Academy, Deputy Head of Doctoral Dissertation Council of Public Health Faculty of TSMU. Head of the Master program "Epidemiology and Environmental Health", Chairman of Council of Public Health Faculty, Member of Associations: Public Health; Infectionists, Hepatologists, Parazitologists, Epidemiologists and Microbiologists; Environmental Health; Fighting Against Cancer. Member of the Education Development National Center Appeals Committee.

MEDICAL DEGREE AND POSITIONS

Doctor of medical science, Professor, Head of the Division of Epidemiology and Biostatistics and Public health Department, Tbilisi State Medical University, Dean of faculty of Public Health.

EDUCATION AND QUALIFICATION

1971 – 197	7 Tbilisi State Medical Institute, Public
	Health Faculty, Specialty: Hygiene,
	sanitation and epidemiology
1977-1978	Senior laboratory technician at the department
	of epidemiology of Tbilisi State Medical Institute
1978-1989	Assistant at the department of epidemiology of

- Tbilisi State Medical Institute 1989-1994 Docent (Associate Professor) at the Department of Epidemiology of Tbilisi State Medical Institute
- 1994-2005 Head of the Department of Epidemiology of Tbilisi State Medical University

PROFESSIONAL EXPERIENCE

2005-2006 Head of the Department of Public

Health of Tbilisi State Medical University

2006 to 2009 Head of Department of Epidemiology

and Biostatistics, Full Professor.

2009 to date Head of the Division of Epidemiology and Biostatistics and PublicHealth Department, Tbilisi State Medical University, Professor

From July 2016 Dean of Faculty of Public Health

PARTICIPATION IN LOCAL AND INTERNATIONAL MEETINGS Participation in the local and international medical meetings, including international conferences, held in Moscow, Sankt-Petersburg, Tallinn, Tashkent, Baku, Erevan, Atlanta, Miami, Glasgow etc.

TEACHING EXPERIENCE

40-year experience. I deliver lectures at Tbilisi State Medical University for Medical and Public Health Faculties as well as several Master Programs. Program director of Master Program "Epidemiology and Environmental Health".

PUBLICATION

Author of 110 published works, including 44 – during the past 10 years (see attachment). Most of them are on epidemiology of infectious diseases, namely viral hepatitis, salmonellosis, meningococcal infection, leptospirosis and others. Author of the text-books: "Epidemiology of Infectious Diseases" and "Epidemiology".

MENTORING AND EXPERTIZING OF DOCTORAL DISERTATIONS Mentor of 8 Doctoral degree thesis. I have been opponent of number of master and doctoral degree thesis and expert of Academic Doctoral Programs.

 Head of the Department for the History of Medicine and Bioethics. Tbilisi State Medical University (TSMU);

Academician Ramaz Shengelia, MD, Ph.D., Sc.D.

- Director of the Michael Shengelia Museum for the History of Georgian Medicine (since 2000)
- Scientific Secretary of Georgian (Caucasian) Gene Pool Research Commission at Georgian National Academy of Science (since 2013)

In the various times he worked as: Head of Publishing House of TSMU; Dean of Medical Faculty of TSMU; Chief Editor of Georgian Medical Encyclopedia; Deputy Director of Experimental and Clinical Medicine Research Institute of TSMU. Has published up to 230 scientific and publicist (Journalistic) works. Among them 14 monographs and fiction as well. Since 2012 - Vice-President of International Society for the History of Medicine (ISHM).

Professor R.Shengelia is elected as a Member of: Georgian National Academy of Sciences, European Academy of Art and Science; Washington Academy of Sciences; Georgian Academy of Medical Sciences.

Mariam Margvelashvili DDS, MSc, PhD

Dr. Margvelashvili received her DDS from Tbilisi State University, Georgia in 2007. She earned her Master of Science in Dental Materials from the University of Siena, Italy in 2009. She defended her PhD at the Tuscan School of Dental Medicine, University of Siena, Italy in 2013. Between the periods of 2009-2011 she was a Post-Doctoral Associate at Tufts University, Boston, USA imple-



menting research on Stem Cells. She became a Professor and the Head of the Department of Dental Medicine at the University of Georgia in 2013. Currently, she implements her ITI Program at the department of Prosthodontics and Operative Dentistry, Tufts University, Boston, USA.

Dr. Margvelashvili has lectured both nationally and internationally in Continuing Education (CE) Courses. Since 2013 she is an FDI CE Program Speaker in Eastern European countries.

Dr. Margvelashvili has both published numerous scientific articles as well as serves as a reviewer for international \diamond journals.

Davit Tophuria

MD, PhD, Associate Professor

Key qualifications:

- Qualified as Medical Doctor DAUG University Georgia 2004
- Defended my PhD in 2007 at Tbilisi State Medical University, Georgia
- ◊ Licensed as Specialist in Clinical Toxicology 2007

Work experience:

- Assoc. Professor of Human Normal Anatomy Tbilisi State Medical University
- Assoc. Professor of Human Normal Anatomy University of Georgia
- Head of International Students education at Tbilisi State Medical University
- ◊ International Faculty member of IASGO

Author/co-author 61 International Publications, 2 Books

Vladimer Luarsabishvili MD, VD, PhD, Professor

Key qualifications:

 \Diamond

- 2016, Madrid Autonomous University (PhD)
- 2005, Tbilisi State Medical University (PhD)
- ◊ 2003, Tbilisi State Veterinary University (VD)
- 2002, Tbilisi State Medical University (MD)
- 1998, Tbilisi State University

- 2018-present, Scientific Coordinator, University of Georgia
- 2017-present, Professor, New Vision University
- 2013-2017, Head of Unit, Archive of Ministry of Internal Affairs of Georgia
- 2010-2015 Expert of curriculum and Assistant professor, Ilia State University
- 2006-2008 Deputy Director, Georgian-German College "Allemagne"
- ◊ 2006- Specialist, Child Care Department, Ministry of Education and Science of Georgia



Managing Editors:

Julieta Andguladze



Juliette Andghuladze has completed her first degree at Shota Rustaveli State University (Batumi, Georgia) on the West-European Languages and Literature, and her MA at The University of Georgia (Tbilisi, Georgia) on the Media Management. She holds the position of Head of Editorial Department of The University of Georgia. Her interest focuses on the editorial style issues in the Georgian periodicals - scientific journals, books. Her work experience counts 9 years in publishing industry.

Besik Lukhutashvili



Besik Lukhutashvili has graduated from the Tbilisi State Institute of Foreign Languages. His specialization is philologist in English language. He has good experience of translating and editing scientific articles, treatment guidelines and protocols, legislative documents related to health care, etc. He has worked at Publishing House Diogene as texts editor. At present he holds the position of Head of International Training Center at the School of health Sciences and Public Health of the University of Georgia. **George Lobzhanidze** MD, PhD(c)



Graduate of Aieti Medical School. He has pursued PhD education at Tbilisi State University and University of Tromsø. Professional experience includes clinical medicine (Cardiology, Interventional Cardiology, Internal Medicine, Emergency Medicine), health administration, project management, teaching and medical research. Currently he holds a position of Clinical Director at Medalpha Hospital Network and delivers lectures at Tbilisi State University as an Invited Lecturer.

Diego Rada Fernandez de Jauregui

BPhm, PhD, MSc, Associate Professor

Key qualifications:

- 2008–2012: MSc in Research Methodology in Health Sciences, Autonomous University of Barcelona, Spain.
- 2004–2007: PhD in Pharmacy, University of the Basque Country, Spain.
- ♦ Supervisors: Prof. Enrique Etxebarria/Prof.Carlos Abecia
- 1996–2002: BSc in Pharmacy, University of the Basque Country, Spain.

Relevant work experience:

- ◊ 2011-Present: Associate professor. Department of Pre- ◊ ventive Medicine and Public Health, University of the Basque Country (Spain).
- ◊ 2009–2010: Epidemiologist in the Primary Care Research Unit of Basque Public Health System/ Osakidetza. Bilbao, Basque Country (Spain).
- 2007-2009: Epidemiologist in the EuroNeoStat project: European Information System to Monitor Shortand Long-Term Morbidity to Improve Quality of Care and Patient-Safety for Very-Low-Birth-Weight Infants (VLBWI). The project was financed from 2006 to 2008 by the DG SANCO (Directorate General of Public Health and Consumer Protection) of the EC (European Commision). Neonatal Epidemiology Unit, Cruces Hospital. Bilbao, Basque Country (Spain).
- 2008: Stay of 2.5 months in the Integrated Centre for homele Care Advancement through Research (iCARE), University of Alberta, Edmonton (Canada). International research collaboration between the Canadian Neonatal NetworkTM (CNN) and European Neonatal Network (EuroNeoNet/EuroNeoStat).
- Nowadays, Prof. Rada is participating as epidemiologist in different projects related to Public Health, nutritional epidemiology (promotion of healthy nutrition in children), pain management and pharmacoepidemiology (variability in drug prescription) and has several high quality publications in these fields. In addition, he is also actively involved in Educative Innovative Projects to study collaborative teaching and learning methodologies for quality improvement in University level.

Dr Mzwandile Andi Mabhala, MFPH, FRSM, FRSPH

Dr Mabhala has expertise in epidemiology, social justice and research in a wide range of public health domains. He has had several senior public health roles within the UK National Health Service and higher education institutions,

including senior public health skills development programme manager at the University of Oxford Institute Of Health Sciences.

His current international roles as expert in public health epidemiology include:

 Invited facilitator in the World Health Organization (WHO) and Médecins Sans Frontières (MSF) global partnership programme for research and training in tropical diseases;



Invited member of the Expert Reference Group for GAIN, the Global Assessment of the Impact of Non-Alcoholic Steato-Hepatitis (NASH) socioeconomic study;

Nationally Dr Mabhala sits in All-Party Parliamentary Group on Global Health. He has fellowships and memberships of the most prestigious of the UK's public health bodies – Member of the Faculty of Public Health (MFPH), Fellow of the Royal Society of Public Health (FRSPH), and Fellow of the Royal Society of Medicine (FRSM).

Dr Mabhala's research interest centres on socio-economic determinants of inequalities in health and social justice. His recent research work has had a focus on marginalised population groups and under researched subjects including homeless, new psychoactive substance users, students' determinants of health and food bank. His research on homeliness was nominated for "2018 EducateNorth award"

He has published extensively in international peerreviewed journals. He is co-editor of *Health Improvement and Well-Being: Strategies for Action*, which was highly commended in the British Medical Association's Medical Book Awards 2015, and co-edited *Key Concepts in Public Health* (2009). He is a reviewer in several international peer-reviewed journals.

He had been invited keynote speaker at several international conferences and presented his research findings in several national and international conferences.

He has experience in leading international research projects. He was the North West England co-ordinator of the International Study on University Students' Determinants of Health.

Ismayil Afandiyev

MD, PhD, Associate Professor

Key qualifications:

- 1990–1996, Azerbaijan Medical University, Faculty of general practice, Baku, Azerbaijan, Diploma of Physician (MD)
- 1996–1998, Azerbaijan Medical University, Sub-faculty of Internal Medicine, Baku, Azer-



baijan, Clinical Medicine Chief Resident Certificate

- 1999, Azerbaijan State Refresher Institute, Subfaculty of Anesthesiology and Intensive Care ,Baku, Azerbaijan, Certificate of Licensed Specialist in Medical Intensive Care and Anesthesiology
- 1998-2001, Azerbaijan Medical University, Subfaculty of Internal Medicine, Baku, Azerbaijan, Candidate of medical science (PhD) Academic Degree Diploma

Relevant work experience:

- 2015-present, Azerbaijan Medical University, Dean of International Students
- 2014–2015, Azerbaijan Medical University, Vice-Dean for Postgraduate Education
- 2014-2015, Baku-2015 European Games, General Practice and Public Organizing Committee, Health Manager
- 2013, WHO Mission on preparation Baku-2015 European Games, Expert
- 2010- present, Azerbaijan Medical University, Subfaculty of Internal Medicine, Baku, Azerbaijan, Associate Professor
- 2002-2009, Azerbaijan Medical University, Subfaculty of Internal Medicine, Baku, Azerbaijan, Assistant Professor
- 2008-present, Baku City Health Authority, Chief toxicologist
- ◊ 2006-present, Azeri Toxicologists Society, Chairman
- 2000- 2008, Medical emergency aviation service MoH, Adviser
- 1996-present, Center of Clinical Toxicology MoH, Baku, Azerbaijan, Senior Staff Physician

Margarita Beglaryan MD, PhD

Key qualifications:

- 2016, Training on Capacity Building for Implementing bologna reforms
- 2015, Training course on GCP, Basic course Training on GCP
- 2014, ISPOR short course "Use of Instrumental Variables in Observational Studies of Treatment Effects", Holland 2013, Training course on

2013, Training course on GDP



- 2012, Training course on Good Laboratory Practice, Good Pharmaceutical Practice (under supervision of a visiting lecturer from Holland and Finland)
- ♦ 2010, "Basics of Phytotherapy"
- 2009, USAID/CAPS HealthStar Training course on GMP (under supervision of visiting lecturers from USA, Great Britain, Germany)
- ◊ 2004, Psychology and Pedagogic course, YSMU
- ◊ 2002 –2005, Economical research institute of finance and economics
- ♦ Degree: Doctor of Economic Science
- 1998, Training of rational usage of medicine, WHO/ EURO, MH of RA
- 1981-1986, Faculty: Pharmacy, YSMU, Degree: Honors Diploma of Pharmacist.

- ◊ 2010, Current Head of Department of Pharmaceutical Management, YSMU
- ♦ 2008, Doctor of Economic Science
- ◊ 2007 2010, Head of Education Part, Department of Pharmaceutical Economics and Management, YSMU
- 2007-2008, Research work on Consumer protection and Healthcare in EU course preparation in Armenian Universities in Soros project
- ◊ 2002 2005, Researcher, Economical research Institute of Finance and Economics
- ◊ 1996 2011, General Manager, Carma Pharm Pharmaceutical Company CJSC - Yerevan
- ◊ 1990 2007, Assistant Professor, Department of Technology Drugs and Pharmaceutical Economics, YSMU
- 1986 1990, Senior Laboratory Assistant, Department of Technology Drugs and Pharmaceutical Economics, YSMU

Michael J. Costello

Michael M. Costello currently serves as a consultant to the Moses Taylor Foundation. He is a fellow of the American College of Healthcare Executives. Mr. Costello holds a Bachelor of Science. Master of Arts. Master of Business Administration and Juris Doctrate degrees. His teaching and publising interests are in the areas of health law and policy,



health economics, international health care, long term care administration and clinical and administrative ethics. Mr. Costello is a faculty member in the Department of Health Health Professions; Quality Improvement; Leadership and Administration and Human Resoucres and is the Program Organizational Behavior; and Strategic Planning in the Director of the Graduate MHA Online program. Mr. Cos- graduate and undergraduate programs. tello holds adjunct faculty appointments at Marywood University, Misericordia University and The Commonwealth Medical College. He also holds visiting professorships at Trnava and St. Elizabeth Universities in Slovakia and the University of Georgia in Tbilisi, Republic of Georgia. At the University of Scranton, he is a member of the order of Pro Deo et Universitate. He is a faculty inductee of Alpha Epsilon Alpha Communications Honor Society and Upsilon Phi Delta Honor Society for Health Care Administration. He is also an honorary inductee of Pi Aplha Alpha public administration honor society at Marywood University. He also received the Faculty Service Award from Hanley College and the Provost's part-time Faculty Award for Teaching Excellence at the University of Scranton as well as the University's Frank O'Hara Award for university service. He is a member of the Board of regents at the University of Scranton and formerly served as President of the University of Scranton Alumni Society. Mr. Costello has published numerous articles and professional publications. He has also made a number of academic presentations to professional organizations and academic societies. tion of University Programs in Health Administration He is a member of the editorial Advisory board of the Haworth Press, Inc., the publishers of several health care journals as well as the editorial boards of the Journal of health Management and Public Health, published by the Health Management Institute at the University of trnana, Slovak Republic and the Journal of Health Sciences Management and Public Health, published by the National Institute of Health, Tbilisi, republic of Georgia. He formerly served as President of the Healthcare Management Forum, a regional affiliate of the American College of Healthcare Executives, and received the senior level Regents Award for the Northeastern Pennsylvania region of ACHE. Mr. Costello retired from the U.S. Army Reserve with the rank of Lieutenant Colonel and is a graduate of the U.S. Air Force Air War College.

Bernardo Ramirez MD, MBA

Bernardo Ramirez is the Director of the Executive Master in Science in Health Services Administration Program (e-MSHSA) and of Global Health Initiatives of the Department of Health Management and Informatics at the University



of Central Florida, where he teaches the US Health System; International Health Systems; Issues and Trends in the

He is actively engaged in the promotion of minority health, diversity and cultural competency. Dr. Ramirez is an experienced health services Administrator in public and private organizations including clinical and administrative practice from the hospital departmental level to health systems reform, planning and policy.

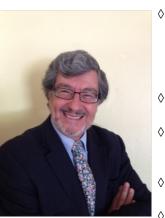
He has provided technical assistance, developed research and conducted training under the auspices of the U.S. Agency for International Development, the Pan American Health Organization, The World Health Organization, The International Hospital Federation, The World Bank, The Inter-American Development Bank and the W.K. Kellogg Foundation for 35 years in more than 60 countries in 5 continents.

Among other positions, he has been General Director of Health Standards of the Ministry of Health of Mexico; President of the Mexican Hospital Association; Vice-President and Director of International Programs and currently a Member of the Board of Directors of the Associa-(AUPHA) and Member of the Candidacy Committee of the Commission on Accreditation of Healthcare Management Education (CAHME).

He is the author of numerous publications, training materials and presenter in many national and international forums. He has served as a Rotarian, in the board of the Celebration Foundation and on SHARES International Florida Hospital Foundation.

Hernan Fuenzalida-Puelma

Hernán L. Fuenzalida-Puelma, Esq. LL.M (Yale University) is a citizen of the United States of America and Chile, is a lawyer with extensive international experience in 56 countries in policy and regulation, health financing and insurance, and institutional development. Recent publications include "Moving toward Universal Health Coverage in Social Health Insurance in Vietnam" with Aparnaa Soma-



nathan, Ajay Tandon, Huong Lan Dao, and Kari L. Hurt, World Bank, Washington, DC, 2014. He is a member of \diamond Bar Associations of Santiago, Chile, and Costa Rica; editorial Board of *Hepatology, Medicine and Policy* (HMAP), \diamond and of The World Progress Center, Inc.

Zurab Guruli

MD, PhD, Associate Professor

Education:

- Tulane University Medical Center, New Orleans, LA, Fellow (Cardiovascular Anesthesia), 2004, Resident; Department of Anesthesiology, 2004
- Grand Rapids Medical Education & Research Center and Michigan State University Grand Rapids, MI, Intern, Preliminary General Surgery, 2000-2001, Certificates: Fundamental Critical Care Support
- Louisiana State University School of Medicine New Orleans, LA, Visiting Scholar for Research in Pediatric Surgery, 1995-1996
- ◊ Tbilisi Medical Academy, Candidate of Medical Sci- ◊ ence (PhD), 1995
- ◊ Tbilisi State Medical University, Tbilisi. Georgia, MD, ◊ 1991

Honors:

- President, Georgian-American Medical Association (GAMPHA)
- Chief Medical Advisor, Chairman of Georgian International Physicians Scientific Council; Ministry of Health, Georgia, 2011– Present

Clinical Manager of the Year, 2015, VA Medical Center

Presidential Order of Honor, 2012, Republic of Georgia

Clinical Manager of the Year, 2008, VA Medical Center

Doctor of the Year 2007, VA Medical Center, Teacher of the Year 2007, CRNA School, University of Mississippi

- Special Contribution Award, VA Medical Center, Jackson, 2006
- Special Contribution Award for Hurricane Katrina Rescue Operations, VA Medical Center, New Orleans, 2005
- Tulane University Department of Anesthesiology, Chief Resident 2003-2004
- Tulane University Department of Anesthesiology, Outstanding resident 2003-2004
- Tulane University Department of Anesthesiology, Outstanding Resident 2002-2003
- Tulane University Department of Anesthesiology, Outstanding Junior Resident 2001-2002

Certification:

 \Diamond

- American Board of Anesthesiology, Diplomate (certificate# 40786)
- ♦ ECFMG Certification

- 2015-Present VA Medical Center, Acting Chief, Department of Surgery
- 2005–Present VA Medical Center, Chief, Anesthesiology Department Jackson, MS Director, SICU 2015–Present University of Mississippi, Jackson, MS, Associate Professor
- 2006–2015 University of Mississippi, Jackson, MS, Assistant Professor
- 2004–2005 VA Medical Center, New Orleans, Anesthesiologist
- 2004-2005 Tulane University Clinical instructor, Department of Anesthesiology
- 1997-2000 St. Philip Clinic Vacherie, LA, Research Assistant
- 1996-1997 Tbilisi State Children's Hospital Tbilisi, Georgia, Pediatric Surgeon
- 1995-1996 New Orleans Children's Hospital, New Orleans, Research Assistant
- 1992-1995 Tbilisi State Children's Hospital Tbilisi, Georgia, Pediatric Surgeon
- 1994-1995 Tbilisi Children's Outpatient Clinic # 10 Tbilisi, Georgia, Pediatric Surgeon
- ◊ 1991-1992 Tbilisi Children's Hospital # 2, Tbilisi, Georgia, Pediatric Surgeon

Artashes Tadevosyan MD, PhD, DMS

Artashes Tadevosyan received his MD in preventive medicine from Yerevan State Medical University, Armenia, in

1978. In 1986 he earned his PhD from the Institute of Occupational Hygiene and Professional Diseases, Kiev, Ukraine. In 2007 he completed his Doctor of Science in Medicine (Public Health) at the National Institute of Health, Yerevan. Dr. Tadevosyan holds is professor in the Department of Public Health and Healthcare at Yerevan State Medical



University. His research interests include toxicology of pesticides and industrial chemicals, safe farming, rural health, and the epidemiology of non-communicable diseases. He is active in health promotion, agricultural safety, smoking cessation, and promoting palliative care in Armenia. Dr. Tadevosyan is author of more than 100 published articles and numerous standards for pesticides residue and TLVs for the use of hazardous chemicals.

Daniel J. West, Jr.

PhD, FACHE, FACMPE, Professor

Dr. West is the Chairman and Professor in the Department of Health Administration and Human Resources, University of Scranton. He teaches in the Graduate School at the University of Scranton and has specialized in global health management, international accreditation, globalization, multiculturalism, health care leadership, and diversity management. He holds a Pro-



fessor in Public Health appointment at Trnava University, Slovakia; a Visiting Professor appointment at the University of South Bohemia, Czech Republic; and a Visiting Professor appointment at the University of Matej Bel and St. Elizabeth University in Slovakia. He has an Affiliated Faculty appointment at Tbilisi State Medical University, Department of Public Health and Health Management, Tbilisi, Georgia and at the University of Georgia, School of Health Sciences & Public Health, Tbilisi, Georgia. Dr. West has an Affiliated Research Professor appointment at the Center for International Health Services Research and

Policy at Washington State University. Recently he was appointed Adjunct Faculty in the Department of Medicine, The Commonwealth Medical College in Scranton, Pennsylvania. In 2011 he was awarded an Honorary Professor at St. Elizabeth University of Public Health College of Health and Social Sciences. In 2007 Dr. West received an Honorary Doctorate of Public Health (Dr.h.c.) from St. Elizabeth University in Health and Social Sciences for his international leadership. He is President and Chief Executive Officer of HTC Consulting Group, Inc. Dr. West received his master and doctoral degrees from the Pennsylvania State University. Dr. West is board certified in healthcare management by the American College of Healthcare Executives. He is a dedicated and hardworking teacher, consultant and scholar who has achieved success and been recognized for his accomplishments in international healthcare projects and activities in Central Europe, Haiti, Slovak Republic, Eurasia, Mexico, Brazil, and Caribbean. He is recognized as in International Fellow at the University of Scranton and serves as Co-Director and Co-Founder of the Center for Global Health and Rehabilitation. Each year Dr. West conducts study abroad tours for graduate MHA students to CEE countries and to Central & South America. Dr. West has been a CEO for a hospital, medical practice and several health care businesses. In addition to 41 years of health care management, consulting and leadership experience, Dr. West maintains Fellowship with the American College of Healthcare Executives, American College of Medical Practice Executives, American College of Health Care Administrators, American Academy of Behavioral Medicine, and Association of Behavioral Healthcare Management. He serves on the Board of Directors for the Eastern Pennsylvania Healthcare Executive Network and the EPAHEN Program Planning Committee. Other Board memberships include the Healthy Northeast Pennsylvania Initiative, Penn State Graduate School Alumni Society, Medical Advisory Board of the International Brain Trauma Association, Wright Center for Graduate Medical Education IRB, the Behavioral Health Research Institute, and Susan G. Komen for the Cure, Northeastern Pennsylvania Affiliate. Recently he was appointed to the Board of Trustees of Moses Taylor Hospital (CHS) an Affiliate of Commonwealth Health. He serves as Chairman of the Board of Directors of the Commission on Accreditation of Healthcare Management Education (CAHME) and also serves on the Executive Committee, Strategic Issues Committee, Governance Committee, Finance & Audit Committee and Executive Committee. Serving as a member of numerous national/international boards and committees. Dr. West has authored over 281 articles dealing with various aspects of health services administration and leadership. He serves on 30 editorial committees and has over 539 presentations at regional, national and international conferences. Current research efforts focus on international accreditation and global health management education partnerships.