About the Contributors


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Maizam Alias is professor at the Faculty of Technical and Vocational Education in the Universiti Tun Hussein Onn Malaysia. She holds a first and second degree in Civil and Structural Engineering and a PhD in engineering education. Prof Maizam obtained her doctorate from the Surrey University, UK in 2000. She teaches pedagogy, educational psychology and applied statistics to education students. She has over thirty years experience of teaching higher education.
**Autumn Dozier** is a graduate student at Middle Tennessee State University studying Clinical Psychology with a focus in depression and anxiety disorders.

**Fred J. Figliano** is currently an Assistant Professor in the College of Education at Troy University. Before this appointment he taught engineering courses in a high school setting. He graduated with a Ph.D. in Curriculum and Instruction with a specialization in Integrative STEM (science/technology/engineering/mathematics) Education from Virginia Tech. As part of the graduate program in Integrative STEM education, he has taken part in courses to inform him of STEM foundations, pedagogy, trends and issues, and research.

**Milyausha Ibragimova** is a geneticist, psychologist-consultant, MSc and PhD (Biology), associate professor at Chair of Biochemistry and Biotechnology, Institute of Fundamental Medicine and Biology, the Kazan (Volga region) Federal University. Scientific interests: psychogenetics, the modern systemic arrangements, medical genetics and biochemistry. The author and the coauthor of two chapters in the collective monograph, 15 educational and educational / methodical textbooks, three Russian patents for the invention and 30 scientific articles.

**Samuel Olugbenga King** has taught and conducted research in schools and universities, as well as in formal and informal learning contexts. His research, teaching, and professional experience includes extensive work experience in the higher education, school and non-profit sectors in Nigeria, South Africa, United Kingdom, and USA. His research and teaching interests include Faculty/Academic Development, STEM Education, Informal Learning, and the Scholarship of Teaching and Learning (SoTL).

**Manoj Kumar** received his PhD in Mechanical Engineering from the Indian Institute of Technology, Delhi, India. He is presently working as Director, International Engineering Services. He has authored or co-authored over 80 research papers in journals and conferences. He has authored or co-authored 20 chapters of book. He is reviewer in 11 international research journal. His biographical note is published in Asia/pacific who’s who (vol. XII)- 2013, Biography India-2014, Famous India: nation’s who’s who-2015.

**Roman Kupriyanov**, PhD in Pedagogy, Assistant Professor of Kazan National Research Technological University. He was a post-graduate student at the specialty of “Social psychology”. Roman defended the thesis on Socio-Psychological Mechanisms of Conflict in the Dyad Teacher-Student of a University. He is an author of more than 60 scientific articles in pedagogics and psychology. Research interest include the possibility of the use of the functional approach to the analysis and design of multi-level system of training of professionals, and also points of contact of competence-based and functional approach from the perspective of activity-based concept.

**Gina Mariano** is an Associate Professor in the Division of Psychology at Troy University. Her research interests include student learning as it relates to metacognition and knowledge transfer in higher education settings. Her research also examines faculty development among university instructors in these areas and the impact on student learning.
About the Contributors

Marina Morari, Doctor in Pedagogical Sciences, Associate Professor, at Arts and Artistic Education Chair, from the Educational Sciences, Psychology and Arts Department, at “Alecu Russo” State University from Balti (Republic of Moldova). Scientific researcher, member of the research group within 10 scientific projects in the field of artistic education in general education institutions, development of the curriculum/curricular parts, theory and methodology of education. Published a Dictionary of Musical Forms and Genres, 13 scientific articles in accredited journals, chapters in 5 monographies, 18 Pupil’s Text-books and Teacher’s Guide for the subject Musical Education, and over 100 scientific articles. She is the lecturer of own courses Elements of Musical Language, Didactics of Musical Education, Principles of Artistic Psycho-pedagogy, Cultural-Artistic Management.

Adela Moraru is an Associate Professor at Dimitrie Cantemir University of Targu Mures, Romania, Department of Psychology and Educational Sciences. Her main research interests are cognitive psychology, personality psychology, neuropsychology, executive functions, emotional and social competence in children, cultural anthropology, areas in which she has 20 years of teaching expertise. She published three books and more than 40 articles in international, peer-reviewed journals, ISI Thomson or BDI Indexed (12). She is also a licensed psychologist practitioner at Save The Children Mures Branch, Romania.

Butnari Nadejda is a lecturer and a PhD student at State University of Moldova. Her main research interests include: personality development through spiritual intelligence, psycho-pedagogy of effective communication, deviant behaviors school. Main publications: Psycho-pedagogical strategies of development of spiritual intelligence at subteens within the educational hours, functional approach is the desire of the school curriculum, teachers ‘ attitudes toward relevance toward the problematic behaviour from pupils.

Martina Petriková, PhD. From 2004 she is Assistant at Faculty of Arts in University of Presov. Her scientific and research activities are focused on Slovak prose of 20. century, literature for children and youth, theory and interpretation of the artistic text, problems of development of reading skills.

Nor Lisa Sulaiman, Ph.D., has more than 17 years of work experience in higher education sector and her passion for research and teaching will never fade. In the early years of her career, she has been appointed as faculty member and assistant director under the Ministry of Education and Ministry of Higher Education in her home country, Malaysia. She received B.Sc. (Hons.) in Electronic Communication Engineering and M.Ed. in Technical Education from Universiti Teknologi Malaysia. She continues her quest for knowledge by earning her Ph.D. in Education and Human Resource Studies from Colorado State University (CSU), Fort Collins, U.S.A. At present, she joins Universiti Tun Hussein Onn Malaysia (UTHM) as a faculty member and actively participates in research projects and publications at national and international levels in the field of Technical and Vocational Education and Training (TVET). Her primary research interests include critical thinking, curriculum, instruction and leadership equivalent to her expertise in Leadership, Renewal and Change with option in Curriculum and Instruction (Critical Thinking). Her current job gives her the opportunity to meet a diverse group of academia, researchers, policy makers and practitioners in Malaysia as well as various countries across all the continents. She wishes to have more connections in exploring new possibilities and interests to further expand her knowledge and skills in her specific areas of research.
Elvira Valeyeva, PhD in Pedagogy, Assistant Professor of Kazan National Research Technological University. Elvira’s dissertation title “Developing students’ intellectual skills”. She has published more than 30 papers on the theme of cognitive performance. The most significance papers are: “Pedagogical conditions of developing students’ intellectual skills”; “The role of motivation in the developing the intellectual skills of future professionals”; “Developing the intellectual competence by problem-based learning”. Her research interest include the intellectual and developmental education, the implementation of the Bologna Agreement in the Russian Higher Education System.

Nailya Valeyeva, PhD in Pedagogy, Professor, Dean of the Faculty of Socio-Technical Systems; Head of Department of Social Work, Psychology and Pedagogics; Deputy Director of Institute of Innovation Management in Kazan National Research Technological University; Honored Scientist of the Republic of Tatarstan. Nailya's professional career includes: teaching at undergraduate, graduate and post-graduate level; planning, developing and managing project in the areas of Educational Systems. Her research interests include the international educational programs, joint degree programme, project training. She is a member of Russian Academy of Natural Science and Academy of Social Education.

Pei-Ling Yang is an associate professor of Center for General Education, Oriental Institute of Technology, Taiwan. She received her PhD from Department of English (TESOL track), Tamkang University, Taiwan and MA in ELT and Multimedia from Warwick University, UK. Her research interests include language learning strategies, self-efficacy, and social networking.