About the Contributors

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**Rosa Mª Aguilar** is a Permanent Lecturer at the University of La Laguna. She teaches simulation techniques and intelligent control within the Advanced Computer Engineering and Industrial Automatic and Electronic Engineering degree courses. Her research interests focus on the modelling and simulation of systems, as well as on the use of artificial intelligence techniques in decision making processes within complex systems. She defended her doctoral thesis in 1998 and she has participated in 25 research projects, acting as principal researcher in ten of them. She has around 60 conference publications to her name and has supervised a total of 4 doctoral theses.

**Silvia Alayón** is Assistant Professor at University of La Laguna (Spain). Her PhD has been developed in the Computer Science field. Her research areas are focused on machine learning, classification and medical image processing. In the educational field she is working on the design of the technical and legal procedures needed for the development of the final year project by engineering students in enterprises.
ANNIKA ANDERSSON is a coordinator for “ERP-systems as a pedagogical tool” in US.B.E - Umeå School of Business and Economics in Sweden. She has experiences from ERP-systems in education since 2006. Her research since 2003 has been in the area of Management-Project management focusing learning in contracted ERP-projects. As a project manager for ERP-education her tasks are coordination, integration of methods, content knowledge, PBL, and cases.

DOUGLAS ARCHIBALD is the educational researcher scientist at the C.T. Lamont Centre for Research in Primary Care, Bruyère Research Institute and the Department of Family Medicine, University of Ottawa. Dr. Archibald has a PhD in Education (University of Ottawa) and a Masters of Arts in Education (Ontario Institute for Studies in Education). His program of research incorporates various facets of medical education which include interprofessional education, research methodology, and eLearning. Some recent projects have included the assessment of an online training program involving simulation to improve medical residents’ knowledge and skills to manage patients with inflammatory arthritis and the development and validation of assessment instruments for interprofessional education. Doug has recent publications in the fields of eLearning and health care education.

YERAY CALLERO was born in Haría, Lanzarote and attended the University of La Laguna, where he studied Computer Science and obtained his degree in 2008. He is currently working on his PhD with the Department of Systems Engineering and Automation at the same university. His PhD research is focused on health monitoring via mobile phones and ultra-low energy body area networks. In addition, he has experience in another research fields like simulation of business processes and business processes reengineering.

AGNES CHIGONA holds a Doctorate Degree in Education. She is currently employed by Cape Peninsula University of Technology to teach Research Methods, and supervise postgraduate students in the Faculty of Education and Social Sciences. Her current research interests are in area of adoption and use of Information Communication Technologies in teacher education as well as the domestication of the technology in institution of higher learning for teaching and learning.

RABELANI DAGADA is a Lecturer of Information and Communications Technology, and Knowledge Management at the Wits Business School of the University of the Witwatersrand, Johannesburg. Dagada has over 16 years experience in the field of ICT and knowledge management. His role in academia is a departure from successful career in the industry. Actually, he still serves as a consultant in corporate South Africa. Dagada was the Winner of 2008 ICT Visionary Award. He was honoured by the Computer Society of South Africa (CSSA) and the IT Web during the 2008 CSSA Annual President’s Awards Banquet which took place in Montecasino on 5th November 2008. He received the Award “in recognition of foresight and achievement in transforming business by adopting and implementing leading-edge technology.” Dagada is the President of the CSSA and a member of its Board of Directors.

KRISHMA DESAI has been working as an Assistant Professor in the Department of Textile Technology. Prof. Desai has also started her career with the industry where she had worked for over 1 year before joining an academic institution. She has over 14 years of experience and actively involved in the areas of
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Gayatri Doctor is currently an Associate Professor at the Faculty of Technology Management, CEPT University, Ahmedabad, India. She graduated with BSc in Mathematics, Computer Science and Physics from Jadavpur University Calcutta. Did her Masters in Computer Applications (MCA) from MS University, Baroda, MPhil in Information Technology from Gujarat Vidyapith and a PhD in Information Technology from DharamSinh Desai University, Nadiad. She started her career with corporate experience at WIPRO Infotech, then research experience at the INFLIBNET Programme of University Grants Commission. She then moved to academics, having been at Faculty at the ICFAI Business School, a visiting faculty at different institutions like Gujarat Vidyapith, Gujarat University. Her areas of interest are Digital Repositories and Knowledge Management.

Carina Gonzalez is Assistant Professor at University of La Laguna (Spain). She has done her PhD in Computer Science. Her research interests are focused on the application of Artificial Intelligence techniques, multimedia adaptive interfaces, and social videogames in Education. Currently she is working on the evaluation of learning communities in virtual environments of CSCL and 3D games. Carina has written widely in the field of computer science applied to the educational field.

Michael Hirsh, M.D., C.C.F.P, F.C.F.P., a family physician currently practicing in Ottawa, is a preceptor for medical students and is the Director of Undergraduate Medical Education for the Department of Family Medicine at the University of Ottawa. Trained in Montreal, he joined the Family Medicine Unit at the Queen Elizabeth Hospital in 1985, where he developed an interest in medical education, as well as rural, becoming the Director of the Family Medicine Rural Program at McGill University. After moving to Ottawa in 1993, he joined the University of Ottawa’s Family Medicine Department as the Director of Community Teaching Practices. In 2005, he became the Distributed Medical Education Director at The Faculty of Medicine expanding his role to working with learners in both Family Medicine and Specialty disciplines. In 2010, after completing a term as Faculty Distributed Medical Education Director, Dr. Hirsh returned to the Department of Family Medicine to assume the position of Undergraduate Medical Education Director, a position he continues to lead today.

Tor Atle Hjeltnes received an MS degree in Industrial Economics and Technology Management from the Norwegian University of Science and Technology, in 2002. He is currently a Business Developer at the TISIP Research Foundation, Principal at TISIP Vocational College, and Assistant Professor at the Faculty of Informatics and E-Learning at Sor-Trondelag University College. Since 2002, Tor Atle has worked on several national and international research e-learning projects. Relevant focus areas have been development and delivery of tailor made e-learning courses with credits for the public and private sector and projects focusing on models for cost effective and cost efficient e-learning. Tor Atle lectures in both online and on campus courses in sales, marketing management, economics, multidisciplinary collaboration, and entrepreneurship (www.itfag.hist.no).
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**Prakashchandra Khatwani** holds the position of Head, Department of Textile Technology and also worked for about 4 years as the Head of Institution. He has over 26 years of experience which includes 7 years with the industries. At present also, he has been actively associated with the industries by way of setting-up of textile units, design and development of machinery components/parts/textile products, providing technical know-how to the technocrats- particularly, in the areas of technical textiles, training to man power from industries. His present area of work is automation in weaving industries – the project is supported by Department of Science and Technology, New Delhi. He has published / presented over 90 papers in national/international journals / conferences.

**Donna Leith-Gubranson** is the Manager of Special Projects at the Department of Family Medicine, University of Ottawa. In this capacity, she plans, manages, and implements numerous projects including the DFM’s recent awarding of full accreditation from the College of Family Physicians of Canada, the implementation of the DFM’s three-year strategic plan, the redevelopment of the postgraduate curriculum, the design and implementation of the DFM’s faculty development program and the establishment of a departmental communications plan. She oversees and monitors overall project status including schedules, progress, coordination, deliverable, milestones, and financial reports.

**Colla MacDonald** is a Full Professor in the Faculty of Education, cross appointed with the Faculty of Medicine, and a Senior Researcher at the Élisabeth Bruyère Research Institute. Her research concentrates on curriculum design, evaluation, and eLearning. She has published over 80 refereed articles, book chapters, and conference proceedings. Colla has been principal investigator of SSHRC, Ministry of Health and Long-Term Care, Inukshuk Wireless, Canadian Foundation for Innovation, Office of Learning Technologies and CIHR funded research projects. Currently, seven PhD students work with her to conduct research on various aspects of emerging technologies. She published the Demand-Driven Learning Model and W(e)Learn framework, which have been as quality standards to design, delivery, and assess programs. Colla has won the International WebCt Exemplary Course Award (twice) the Business/Professional 2010 International e-Learning Award, and the Faculty of Education’s top researcher award. She is on an advisory committee with the World Health Organization and has two eBooks accepted for publication by Bentham Science Publishers.
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Martha McKeen is a PhD student in the Faculty of Education at the University of Ottawa. She is also the Coordinator of Special Projects at the Department of Family Medicine and has worked on several high profile portfolios including the redevelopment of the postgraduate curriculum, the development of a faculty development program and also provides support to community and rural faculty members. Martha has represented her work at several local and national conferences including the 2011 Family Medicine Forum in Montreal, the 2011 Academy for Innovation in Medical Education (AIME) Day in Ottawa, and most recently at the 2012 Jean-Paul Dionne Symposium in Ottawa.

Madeleine Montpetit is an Assistant Professor at the University of Ottawa and a practicing family physician at the Riverside Family Health Team where she supervises residents and is the Unit Postgraduate program director. She is presently the Physician Lead for Faculty Development at the Department of Family Medicine and her interests include Curriculum Design, Remediation and The Struggling Learner and Innovations in Medical Education. She is a cofounder of the Academic Support Process website which is an open access online resource for medical teachers. Her list of awards include the Andre Peloquin Memorial Award for Excellence in Medical Education (2011), The University of Ottawa Award of Excellence in Innovation in Postgraduate Medical Education (2010), The Ottawa Hospital Physician Clinician Recognition Award (2010) and Teacher of the Year (2007). She has been the recipient of multiple funding offerings for Faculty Development Projects. Her significant role in this project spanned from conception, through development to implementation phases of the initiative.

Vanessa Muñoz received her MS degree in Computer science in 2001 and her PhD degree in Computer Science in 2007 from the University of La Laguna. She is assistant professor in the Department of Systems Engineering and Control and Computer Architecture at the University of La Laguna, Spain. Her current research interests are decision-making, discrete event simulation, human computer interaction, artificial intelligence, intelligent agents, and intelligent tutorial systems. She has participated in a total of 9 research projects and she has published 12 papers in journals and around 30 papers in conferences.

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Colla MacDonald is a Full Professor in the Faculty of Education, cross appointed with the Faculty of Medicine, and a senior researcher at the Élisabeth Bruyère Research Institute. Her research concentrates on curriculum design, evaluation, and eLearning. She has published over 80 refereed articles, book chapters, and conference proceedings. Colla has been principal investigator of SSHRC, Ministry of Health and Long-Term Care, Inukshuk Wireless, Canadian Foundation for Innovation, Office of Learning Technologies and CIHR funded research projects. Currently, seven PhD students work with her to conduct research on various aspects of emerging technologies. She published the Demand-Driven Learning Model and W(e)Learn framework, which have been as quality standards to design, delivery, and assess programs. Colla has won the International WebCt Exemplary Course Award (twice) the Business/
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**Elena Railean** is a researcher at the Academy of Science of Moldova. She was written the book “Methodology of Educational Software” and over 53 articles in theory and practice of pedagogy and educational technology. She writes at the intersection of philosophy of learning, cybernetic pedagogy, competence pedagogy, quantum psychology, and knowledge management. The focus of her research is to investigate the metasystems approach of learning processes, knowledge based design, principles of writing, and assessment in digital semantic workspaces. Elena is author of new didactical model for electronic textbook development, which affordance is to develop the core structure of competence through dynamic and flexible instructional strategy.
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Suseela Rani is a Post Graduate in Commerce, Business Management (HRM) and also holds a Diploma in Computer Science obtained from Andhra University. She is pursuing her PhD on Industrial Relations in Indian Jute Industry in post liberalization. She is having 4 years teaching experience besides 14 years of IT industry experience (educational software development). At present she is working as Associate Professor, Department of MBA, TRR College of Engineering & Technology, Patancheru, Medak (Dt.), A.P., India. She presented papers in various national seminars held in different parts of the country. She published around 10 articles on different areas of HRM and finance in various national and international journals.

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