



**INNOVATION**  
**ARABIA 8**  
ابداعات عربية  
ANNUAL CONFERENCE 2015

**e – LEARNING EXCELLENCE**  
**FINAL CONFERENCE PROCEEDINGS**

Edited by:

**Prof. Hanan Malkawi**

Dean, Research & Doctoral Studies

&

**Shazia S. Choudhry**

Manager, Research Operations



DEANSHIP OF RESEARCH & DOCTORAL STUDIES  
HAMDAN BIN MOHAMMED SMART UNIVERSITY



# Table of Contents

<i>Preface</i> .....	7
Professor Nabil Baydoun.....	7
<i>Research Papers</i> .....	8
<b>Managing Cyber Risk – how can we innovate?</b> .....	8
Basie von Solms.....	8
<b>Blended Learning: Teaching Writing with Technology</b> .....	23
Inas Y. Mahfouz.....	23
<b>A Comparative Study of the Quality of Blended Learning between two Faculties: the Case of Arab Open University</b> .....	36
Walid Saleh .....	36
<b>Education Transformation: A Proactive Approach for Schools to Change with Changes in Society</b> .....	45
Sinem Aslan.....	45
Dina Ghobashy .....	45
Sinem Emine Mete.....	45
Jon K. Price .....	45
Martina Roth.....	45
Mazen Farraj .....	45
<b>Virtual Social Schools: A Potential Solution to Equitable and Quality Education</b> .....	62
Dina Ghobashy .....	62
<b>What Asynchronous e-learning styles in Orthodontics are engaging?</b> .....	77
Shazia Naser-Ud-Din .....	77
<b>Learn &amp; Engage: A case study on centralised approach to increasing student participation in online learning</b> .....	87
Ian McNaught.....	87
Roshan Kolar .....	87
<b>DEKRA Safety Web: A flexible and innovative approach to improving occupational safety in the modern workplace</b> .....	97
Wolfgang Reichelt.....	97
<b>Smartphone-based learning for Afro-Arab professional development</b> .....	109
Satoshi Yamawaki .....	109
Atsushi Inutsuka.....	109

<b>(InnTL) Innovative Teaching &amp; Learning Settings in Higher Education .....</b>	<b>126</b>
Andrea Berger-Klein.....	126
<b>Experiential Learning for Smart Learning in UAE: A Conceptual Model .....</b>	<b>139</b>
Athra Sultan Alawani.....	139
<b>Eye tracking as an innovation method in education .....</b>	<b>156</b>
Terézia Kvasnicová .....	156
Iveta Kremeňová .....	156
<b>The competency profile of online BMA graduates viewed from a job market perspective</b>	<b>174</b>
Àngels Fitó Bertran .....	174
María Jesús Martínez Argüelles .....	174
Soledad Moya Gutiérrez .....	174
<b>Steps to establishing a TVET culture in the UAE.....</b>	<b>189</b>
Hanadi Al Suwaidi .....	189
Alain Senteni .....	189
<b>eLearning in Higher Education: From Teacher-centered to Learner-centered Design.....</b>	<b>205</b>
Khalid Alshahrani .....	205
Mohamed Ally.....	205
<b>Towards Experiential and Collaborative Pedagogical Models with Systemic Learning Solutions .....</b>	<b>219</b>
Sanna Vahtivuori.....	219
Laura Karilainen .....	219
Maija Kaisla .....	219
<b>The Usefulness and Usability of a Linkedin Group for the Maintenance of a Community of Practice among Hand Surgeons Worldwide.....</b>	<b>233</b>
Vaikunthan Rajaratnam .....	233
<b>Using Instructional Design Principles in Developing Skill Acquisition Workshops in Hand Surgery- Our Experience .....</b>	<b>260</b>
Vaikunthan Rajaratnam .....	260
Tong Pei -Yein.....	260
<b>Design e-Workbook: Prepare, Discover, Consider, Observe, Apply .....</b>	<b>270</b>
Yunsun Chung-Shin .....	270
Tina Sleiman .....	270

<b>Surveying, making and using 21<sup>st</sup> century technology: A contemporary pedagogy approach in an UAE design college.....</b>	<b>288</b>
Lina Ahmed .....	288
Marco Sosa.....	288
<b>Digital Pedagogy for Teaching in the Digital Era .....</b>	<b>303</b>
Svetlana Knyazeva.....	303
<b>Online English Language Learning: Innovative Practices for Interaction and Collaboration</b>	<b>318</b>
Maureen Snow Andrade .....	318
<b>Empowering Teachers Using Modern Change And Project Management For Effective School Modernization.....</b>	<b>334</b>
Ibrahim Adel Tayfour .....	334
<b>Expo Milano 2015: Supporting a World-Wide Educational Experience .....</b>	<b>348</b>
Nicoletta Di Blas .....	348
Paolo Paolini.....	348
Aldo Torrebruno.....	348
<b>Synergistic teamwork using social media for innovative development of an Arabic Symbol Dictionary .....</b>	<b>365</b>
E.A. Draffan .....	365
Amatullah Kadous .....	365
Amal Idris .....	365
Aejaz Zahid .....	365
Nadine Zeinoun.....	365
Mike Wald .....	365
Nawar Halabi.....	365
<b>Designing Online Speaking Assignments .....</b>	<b>379</b>
Rasha AlOkaily .....	379
<b>Modern e-learning: principles and practices Motivating aspects of modern e-learning – from individualisation to gamification.....</b>	<b>397</b>
Kristina Mullamaa .....	397
<b>E-learning Between Theory and Practice in Design Education: An Empirical Study on the Egyptian Art and Design Universities .....</b>	<b>414</b>
Hanan Atef .....	414
Bassant Eyada .....	414

<b>An In-Depth Analysis of Instructional Design Processes to Design Educational Software to Teach Logical Thinking .....</b>	<b>427</b>
Peter J. Fenrich.....	427
<b>M-learning Adaptation in the UAE: A Study of Higher Education Learners .....</b>	<b>448</b>
Aaya Hamdoon Al Naqbi .....	448
Rajeev Dwivedi.....	448
<b>Barriers and Solutions to Adopting Blended-learning in Private Schools for Students from Low-income Families .....</b>	<b>465</b>
Zeenath Reza Khan.....	465
Nurun Nahar Huda .....	465
Veena Mulani .....	465
<b>Traditional and on-line universities, a partnership for <i>the present and the future of education</i> .....</b>	<b>488</b>
Maria Amata Garito.....	488
Nicola Paravati.....	488
<b>How can the UAE benefit from online performance testing .....</b>	<b>498</b>
Ibrahim Adel Tayfour .....	498
Lina Abu Awad .....	498
Sharon Lynne Bryant.....	498
<b>Teaching Teachers the Capacity for Change.....</b>	<b>514</b>
Mieke VAN INGELGHEM .....	514
Dima BOU MOSLEH.....	514
<b>أثر استخدام استراتيجيات التعلم الإلكتروني في تنمية مهارات التعلم المنظم ذاتياً والرفع من مستوى التميز العلمي لدى الطالبة المعلمة في كلية التربية للبنات - جامعة الملك خالد .....</b>	<b>522</b>
لبنى حسين راشد العجمي .....	522
نيللي حسين كامل العمروسي .....	522
<b>التدريب الإلكتروني لتطوير مهارات التعلم الذكي لطلاب وطالبات جامعة الملك خالد- تعلم كيف تتعلم كيف تتعلم إلكترونياً .....</b>	<b>542</b>
محمد الجار الله الحبabi .....	542