

Mohamed Eltahir Osman Makki, Ph.D.

**Associate Professor of Instructional Systems Design,
Department of Instructional & Learning Technologies**

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<https://scholar.google.com/citations?authuser=1&user=vA9ZLHMAAAAJ>

<https://www.researchgate.net/profile/Mohamed-Osman-65/stats>

<https://www.scopus.com/authid/detail.uri?authorId=56209809100#>



Curriculum Vitae

1-PERSONAL DATA

Name	Mohamed Eltahir Osman Makki
Date/Place of Birth	1/1/ 1959/ Sudan
Gender	Male
Nationality	Sudanese
Present Position	Associate Professor
Marital Status	Married
Attachment	College of Education
Present Employer	Sultan Qaboos University (SQU)
Areas of Expertise	<ul style="list-style-type: none"> - Instructional systems design, - Application and testing of emerging technologies, - Design and development of e-learning environments.
Languages	Arabic/English.
Research Interests	<ul style="list-style-type: none"> - Technology enhanced learning, - Transforming higher education for the 4th industrial revolution, - Quality assurance, - Systemic school improvement, - Student empowerment, and 21st century skills development.

2-EDUCATION AND EMPLOYMENT

2-1. Academic Qualifications

Year	Degree/Major	Dissertation Title (if any)	Institution/Country
1992	Ph.D. Instructional Systems Technology	The Effects of Think-Ahead Questions and Prior Knowledge on Learning and Retention.	Florida State University, USA
1988	M.Sc. Instructional Systems Technology	---	Indiana University, USA
1983	B.Sc. Science & Education	---	Khartoum University, Sudan

2-2. Academic Appointments

Year	Appointment	Institution
Present	Associate Professor	Dept. of Instructional & Learning Technology, College of Education, Sultan Qaboos University
2000 - 2013	Assistant Professor	Dept. of Curriculum & Instruction, College of Education, Sultan Qaboos University
1994 - 2000	Lecturer	Dept. of Curriculum & Instruction, College of Education, Sultan Qaboos University
1993 - 1994	Sr. Instructional Designer	The Training Dept., FedEx Corporation, Memphis, TN. USA
1990 - 1992	Research Associate	The Division of Continuing Education, Florida A&M University, USA
1985 - 1987	Teaching Assistant	Dept. of Educational Technology, Khartoum University
1984 - 1985	Teaching Assistant	Dept. of Biology, Khartoum University

2-3. Administrative Appointments

Year	Appointment	Institution
1/9/2014 – 1/9/2020	HoD, ILT Department	College of Education, Sultan Qaboos University
1/3/2014 -1/9/2014	Acting Assistant Dean for Undergraduate Studies	College of Education, Sultan Qaboos University
2008 - 2013	Assistant Dean for Post Graduate Studies & Research	College of Education, Sultan Qaboos University
24/9/2011-7/1/2012	Acting Dean	College of Education, Sultan Qaboos University
Summer semesters, (1996,1999,2001)	Acting Chair	The Department of Curriculum & Instruction, Sultan Qaboos University

3 – AWARDS AND RECOGNITION

Year	Description	Institution
April , 2019	Supervisor of the Best Thesis Award	Sultan Qaboos University
2/5/2017 (<i>University Day</i>)	Distinguished Researcher Award, SQU	Sultan Qaboos University
2/5/ 2005 (<i>University Day</i>)	Distinguished Teacher Award, SQU.	Sultan Qaboos University
24/11/1993	Bravo Zulu Outstanding Performance Award	FedEX Corporation, TN. USA
13/9/1993	Bravo Zulu Quarterly Quality Award	FedEX Corporation, TN. USA

4- TEACHING ACTIVITIES

4-1. Summary of Instructional Activities

Course Name	Course Code	Level
- Advanced Instructional Design Theories & Models	Tech6301	Postgraduate level
- Instructional Information and Communication Technology	Tech 6101	Postgraduate level
- Introduction to Instructional Design	Tech2202	B. Ed. ILT
- Individualized Instruction	Tech2223	B. Ed. ILT
- Introduction to Instructional Technology	Tech 3007	B. Ed.
- Introduction to Instructional Technology	Tech 3008	B. Ed.
- Study Skills	Tech 1000	BA (University Elective)
- Research in Educational Technology	Tech 4214	B. Ed. ILT
- Graduation Project	Tech 4000	B. Ed. ILT
- Instructional Technology	Tech 5302	Higher Diploma

4-2. Theses/Projects Supervision

Project Title	Student Name	Level	Role	Date
	Abd Al Muttalab Al Musawi	Ph.D	Co-Supervisor	2021
1. Collaborative Knowledge Building in an Omani Undergraduate Course: A Design Research Study.	David Porcaro (Fulbright Student), from the University of Georgia	Ph.D.	Co-Supervisor	2009-2011
2. The impact of Sanako Pronounce Software on the Pronunciation Skills and Attitudes of Grade 11 Omani EFL Learner	Aida Al Sulaimani	MA	Supervisor	Spring 2020
3. The Impact of Virtual Writing Tutor (VWT) Software Program on Omani EFL Learners' Performance in English Language Writing Skill and Attitudes".	Amal Amer Al Badi	MA	Supervisor	2017-19
4. Design Framework of an Adaptive Small Private Online Course (SPOC) for the Omani Higher Education Institutions	Mohamed Suleiman Al Aghbari	MA	Co-Supervisor	2017-19
5. The Effectiveness of 3D-Virtual Reality Learning Environment on Omani 8 Grade Students' Achievement and Motivation towards Physics Learning	Asma Yousif AL Amri	MA	Co-Supervisor	2017-19
6. The Effectiveness of using Eclectic Model in Enhancing Grade 8 students' Motivation and Achievement in Mathematics	Zahra Kirdi	MA	Co-Supervisor	2016-2018
7. The Effects of Using Google Docs on Omani EFL College Students' Writing Performance and Students' Perceptions of its Use	Noura Mohamed Al Bartamani	MA	Co-Supervisor	2016-2018

8. The impact of using mobile learning on grade 11 students' vocabulary learning, and retention	Ohood Al-Yafei	MA	Co-Supervisor	2016
9. Critical Thinking Skills in Oman post-Basic Education: English teachers' Knowledge, perceptions and Practice of Critical Thinking skills and the Challenges they face in implementing them	Naima salem Al-kind	MA	Co-Supervisor	2016
10. An Investigation of the current practices of the Students' Portfolios of grade 10 students and cycle two teachers in Albatina south.	Eman A-Kindi	MA	Co-Supervisor	2015
11. The effect of Journal writing on Grade eleven Omani EFL Students' writing Performance and self-efficacy	Basima Al-Bulush	MA	Co-Supervisor	2015
12. Gender Gap in Reading: The impact of reading self-efficacy beliefs on EFL reading achievement	Hania Al Khamisi	MA	Co-Supervisor	2014
13. The Effects of Service Learning on the Performance and Attitudes of Grade Four Omani Students	Atoom Al Khatry	MA	Co-Supervisor	2011
14. The Effect of Process Writing on the Performance and Attitudes of 10 th Graders in Basic Education Schools	Fatma Al Sineidia	MA	Co-Supervisor	2011
15. The Effect of Using Dialogic Interactive Journal Writing Techniques on Improving Teachers' Reflection.	Sara Al-Balushi	MA	Co-Supervisor	2011
16. The Effects of Implementing a Learner Autonomy Approach in	Erma Al-Kathiry	MA	Co-Supervisor	2011

Post-Basic EFL Classrooms.				
17. Effectiveness of Vocabulary Learning Strategies-Based Instruction in Omani EFL Classes.	Abdulaziz Al-Hashami	MA	Co-Supervisor	2009
18. A suggested Model for Performance Monitoring of Developmental Educational Projects in the Ministry of Education in Oman.	Talal Al- Bulushi	MA	Co-Supervisor	2009
19. The Effectiveness of Web-Based Extensive Reading in Developing Vocabulary and Reading Skills.	Fathiya Al-Maawali	MA	Co-Supervisor	2008
20. The Effect of E-Training on the Performance and Attitudes of EFL Teachers.	Saeed Al-Miashekhi	MA	Co-Supervisor	2008
21. The Availability of Economical Concepts in Social Studies Curriculum for Cycle Two of Basic Education in Oman.	Yaagoob Al Jadeedi	MA	Co-Supervisor	2008
22. The Extent of Availability of Self-learning Skills in Social Studies Text Books in Cycle Two of Basic Education in Oman.	Fahad Al Bulushi	MA	Co-Supervisor	2008
23. The Effect of Teaching EFL Online on the Achievement and Attitude of Grade 11 Students.	Attiya Al-Mamari	MA	Co-Supervisor	2006
24. Population Education Concepts in Social Studies Textbooks at Secondary Cycle of Basic Education.	Mohamed Al-Shaili	MA	Co-Supervisor	2006
25. An Investigation of the Omani EFL Teachers' Use of Group Work in Omani Basic Schools.	Mohamed Al Badi	MA	Co-Supervisor	2006
26. EFL Teacher Motivation and the Factors Influencing It in Oman.	Fatima Al-Hashmi	MA	Co-Supervisor	2004

27. The Level of Acquisition of Historical Research Skills among High School Students in Oman.	Ibrahim Al-Shaindodi	MA	Co-Supervisor	2004
28. Evaluating the Content of Arabic Reading Text Books for Preparatory Schools in Saudi Arabia.	Mashail Al-Doswari	MA	Co-Supervisor	2004
29. Oman EFL teachers' involvement in Curriculum development.	Thuraya Al-Hosni	MA	Co-Supervisor	2003
30. An Evaluation of First Secondary School Geography Skills of Instructional Media Utilization.	Hanan Al-Rawehi	MA	Co-Supervisor	2003
31. Evaluating the Skills of Teaching Literary Appreciation to Secondary School Students.	Khadija Al-Farsi	MA	Co-Supervisor	2003
32. Evaluation of Language Activities included in Arabic Text Books for First Cycle Basic Education.	Saif Al-Azrie	MA	Co-Supervisor	2003
33. Evaluation of Arabic language instructional TV programs in Oman TV.	Yusriya Al-Jmeel	MA	Co-Supervisor	2001

4-3. Development & Training Activities

4-3.1. Teaching/Learning Development

Activity	Presentation	Organizer/Location	Role	Date
1. A workshop for faculty members at SQU.	Integrating Technology in teaching at higher education	The Center for Excellence in Teaching & Learning, SQU	Presenter	2/2018
2. College Bi-weekly Seminar (<i>52seminars</i>)	----	College of Education, SQU	Organizer/Moderator	2008-2013
3. A training program for faculty members at SQU.	Instructional Communication	CET/SQU	Presenter	1/2006

4. A training program for faculty members at SQU.	Instructional Communication	CET/SQU	Presenter	1/2005
5. A training program for faculty members at SQU.	Instructional Communication	CET/SQU	Presenter	1/2004
6. A training program for faculty members at SQU.	Instructional Communication	CET/SQU	Presenter	1/2003
7. Orientation Week for New Cohorts.	Study Skills for College Students	SQU	Presenter	2002 2003 2005 2006
8. A Training Program for Faculty members at the College of Medicine, SQU.	Instructional Strategies	CET/SQU	Presenter	2/1997
9. A Training Program for Faculty members at the College of Education.	Instructional Technology & Higher Education	CoE/SQU.	Presenter	3/1997
10. A Training Program for Faculty members at the Language Center, SQU.	Instructional Communication	The Language Center, SQU.	Presenter	11/1996

4-3.2. Academic Development

Activity	Role	Date
1. Developing a conceptual framework for the college.	Co-author	2012
2. Evaluating the College MA programs.	Team leader and Co-author	2009
3. Preparing the University Self-Audit Report.	Co-author	2008
4. Preparing the ILT Department Self Study.	Author	2006
5. Preparing a proposal for establishing the ILT Department.	Co-author	2004
6. Developing the study plan, and courses descriptions for ILT B.Ed. program.	Co-author	2004
7. Designing and developing an instructional module and test items for the on-line study skills course.	Co-author	2003
8. Writing a proposal for establishing an Instructional and Learning Development Unit at the CET.	Co-author	2003

5- COMMUNITY SERVICE ACTIVITIES

5-1. University Administrative Responsibilities

<i>Administrative Responsibility</i>	<i>Date</i>
1- HoD, ILT Department. Responsible for the overall academic and administrative affairs of the department. Also, responsible for setting operational policies and procedures within the department, and revision of the departmental mission and vision.	2014 - 2020
2. Assistant Dean for PGS&R. Assisting the College Dean in running the postgraduate programs, and supervising the research activities, conferences, and college seminars.	2008 – 2013

5-2. Committees

<i>Committee</i>	<i>Role</i>	<i>Date</i>
<i>Committees Outside Oman</i>		
1. The International Council on Education for Teaching (ICET).	Executive Board Member, and Vice president for the MENA region	2009 – present
2. The Organizing Committee for the International Conference on Math, Science, and Technology (SQU, and Curtin University in Australia)	Member	2011
3. The Bylaws Committee, International Council on Education for Teaching (ICET).	Member	2012
4. The ICET Research Committee.	Member	2008 – Present
<i>National Committees</i>		
1. The ALECSO Sixth International Conference on Information and Communication Technology and Accessibility (ICTA2017)	Organizing & Program Committee- Oman	2017-2018
2. 4th International Conference of the Omani Society of Educational Technology (ICOET2017) Committee	Scientific Research Committee	2017
3. The International Conference on Educational Technology 2010 (OSET, and Arab Open University).	Member of Organizing Committee, and member of Scientific Committee	2009
4. The Organizing Committee for the 54 th ICET World Assembly.	Member, and Chair of Scientific Committee	2008 -2009

5. The International Conference on Distance Educational (iCODE 2006) Committee (SQU and MoHE).	Member of Organizing Committee, and member of Scientific Committee	2005-2006
6. Omani Higher Education Strategy: Sub-Committee for Post Graduate Studies & Research.	Member/Researcher	2003-2004
University Committees		
1. E-learning Bylaws & Regulations Committee	Chair	2018-2020
2. E-learning Steering Committee	Member	2018- present
3. E-learning Internal Audit Committee	Chair	2016
4. The Scientific Research Council, SQU.	Member	2008– 2012
5. The Postgraduate Studies Council.	Member	2008– 2013
6. The Organizing Committee for the 2 nd Symposium on the Omani child culture	Member	2011
7. The Main Library Committee.	Member	2008- 2009
8. SQU Self-Audit Committee.	Member	2008-2009
9. The CET Staff Development Committee.	Member	2003-2005
10. A Committee for Establishing a Teaching and Learning Support Center.	Member	2003-2004
11. A Study Skills Course Implementation Committee.	Member	2002-2004
12. The Steering Committee for the Center of Information Systems.	Member	2002-2003
13. Educational Technology Conference (ETEX2003) Organizing Committee.	Member	2002
14. CET Symposium (ETEX2001) Organizing Committee.	Member	2001
College Committees		
1. College Board.	Member	2008- present
2. Executive Committee	Member	2008- 2020
3. Recruitment Committee	Member	2008 - 2020
4. Scientific Research Committees	Member	200- -2017
5. College Advisory Board.	Member	2011
6. Post Graduate Studies Committee.	Chair	2008-2013
7. University Day Committee	Chair	2008-2013
8. College Library Committee.	Chair	2007-2008

9. Post Graduate Studies Evaluation Committee.	Chair	2008-2009
10. College Website Committee.	Chair	2007-2008
11. College Strategic Plan Review Committee.	Chair	2008
12. College Timetable Committee.	Member	2004-2006
13. 3 rd Educational Conference Organizing Committee.	Member	2004
14. College Committee to set-up the ILT Department.	Member	2002
Department Committees		
1. Department Board	Chair	2014 -2020
2. Recruitment Committee	Chair	2014 -2020
3. Department Strategic Plan Committee	Chair	2014 -2020
4. Accreditation Committee	Chair	2013- 2020
5. ILT Dept. Self-Study Committee.	Chair	2006-2007
6. ILT Dept. Timetable Committee.	Chair	2005-2007
7. Department of Curriculum & Instruction Recruitment Committee	Member	2001-2004
8. Department of Curriculum & Instruction Timetable committee.	Chair	1999-2001

5-3. Local Community Services

Event	Presentation Title	Service Location	Role	Date
1. Online Workshop	Teaching Science & Math Online: Best Practices of E-learning in Higher Education	International College of Engineering & Management, Muscat	Guest Speaker	24/11/2020
2. A series of workshops in the School improvement project	Teachers professional development	Ministry of Education, Muscat	presenter	2015-2018
3. SQU staff development training program	Instructional communication	CET, and the Center for excellence in teaching and learning, SQU	Presenter	2013 -2018
4. Effective use of Technology in Arabic Language: A Workshop for High School Teachers.	Integrating Technology in Science Instruction.	MOE and UNESCO, Qatar	Presenter	22/26/3/2008

5. Effective use of Technology in Science and Math: A Workshop for High School Teachers.	Integrating Technology in Science Instruction.	MOE and UNESCO, Qatar	Presenter	24-29/3/2007
6. A workshop for School Supervisors.	Instructional Design in a Constructivist Learning Environment.	The Ministry of Education, Muscat	Presenter	22/2 2004
7. A Training Program for Pre-school Teachers.	Preparation of Instructional Media for Pre-school Instruction.	Ministry of Social Affairs, Omani Women Association	Presenter	25/3/2003
8. A Training Program for Special Education Teachers.	Instructional Technology for Handicap Children.	Ministry of Social Affairs, Muscat	Presenter	10/1997 (4 weeks)
9. A Training Program for Teachers at Sultan Qaboos Islamic Institutes.	Preparation & Utilization of Instructional Media.	Sultan Qaboos Islamic Institutes, Muscat	Presenter	10/1997
10. A Training Program for Supervisors.	Principles of Teachers' Self-evaluation	The Arab Office for Education in The Gulf Countries, Muscat	Presenter	12/1996
11. A Training Program for adult education teachers.	Production of Instructional Media	Ministry of Education	Presenter	11/1996
12. A Training Program for faculty members at the Institute of Health Sciences.	Improving Academic Performance	Institute of Health Sciences, Muscat	Presenter	16/10/1995 - 16/12/1995

5-4. Professional Services

5-4.1. Consultation Services

Consultation Services	Consulter	Date
1. Research Grants Assessment: Panel member	Qatar National Priority Research Program	4/2019
2. External Auditing for the IT BA program	Dhofar University, Oman	2/2018

3. Evaluating the MA programs at Nizwa University, Oman	Nizwa University, Oman	15/2 – 16/6/2011
4. Evaluating 5 Research Grant Proposals for the AFAQ Project, Saudi Arabia.	Ministry of Higher Education- Saudi Arabia	1-24/12/2005
5. Developing the Omani National Strategic Plan for Education.	The Ministry of Higher Education	4/ 2003
6. Designing an Educational Technology Curriculum for the Colleges of Education, MOHE.	The Ministry of Higher Education	2002
7. Improving the Quality of Educational Technology Programs.	The Ministry of Higher Education	4/2000
8. Improving the Quality of Instructional Media Services.	Oman technical college	10/ 1999.
9. Developing Specifications for Microteaching Laboratories.	The Ministry of Higher Education	2/ 1997

5-4.2. Journal Editorial / Review Board

Journal Title	Position	Place of Issuance	Period
1. Journal of Educational and Psychological Studies.	Editorial Board	College of Education, SQU	2014 -2018
2. Educational Technology Research & Development (ETR&D).	Review Board	USA	2008- Present
3. The Series of Psychological and Educational Studies.	Editorial Board	College of Education, SQU	2002-2004

5-4.3. Journal/ Proceedings Editorial Services

Book/ Proceedings/ Journal Title	Issuing Institution/ Author	Role	Year
1. The ALECSO Sixth International Conference on Information and Communication Technology and Accessibility (ICTA2017)	ALECSO	Co-editor	2017
2. The Proceedings of International Symposium for Modern Instructional Methods.	SQU & the Union of Arab Universities	Co-editor	2003

5-4.6. Professional Affiliation

Association	Role	Membership Period
1. International Council on Education for Teaching (ICET).	Executive Board Member, and Vice President for the MENA region	2009-Present
2. Omani Society for Educational Technology (OSET).	Member	2008- Present
3. The International Society for Teacher Education (ISTE).	Member	2001-2003
4. The American Association for Educational Communications & Technology (AECT).	Member	1991-1994
5. American Society for Training & Development (ASTD).	Member	1991-1993

5-4.7. Other Services

Activity	Role	Date
1. Research consultation with the Commonwealth Center for Education, University of Cambridge, UK	Representing the research team of Gender Gap Research Project funded by the Research Council.	22-26/1/2012
2. Collaboration with Moroccan Higher Educational Institutions.	Official mission to selected Universities and Teacher Training Institutions in Morocco to benchmark and exchange experiences on Teacher Education Programs.	13-18/1/ 2009
3. Research consultation with the Learning Performance and Support Laboratory (LPSL) at the University of Georgia, USA.	Representing the research team on an official research visit to the LPSL. Consulting with the senior researchers at the LPSL on issues related to the development and implementation of Distance Learning in Higher Education.	21/6-16/8-2006
4. Establishing an Instructional and Learning Development Unit at SQU.	Representing SQU on an official visit to benchmark the experiences of professional development programs in a number of higher education institutions in the UK including: Manchester, Nottingham, Oxford Brooks.	March 1999

6- RESEARCH ACTIVITIES

6-1. Refereed Published Papers

1. **Osman, M.** (2022). Redefining the Quality of Online Courses: From A Smiley Test to A Seven-Star Rating. *European Journal of Humanities and Social Sciences* 2(4),56-64.. <https://doi.org/10.24018/ejsocial.2022.2.4.294>
2. Al Mekhlafi, A. and **Osman, M.** (2022). School Effectiveness: A Key to academic success. *Multicultural Education*, 8(8):36-44
3. Al-Amri1, A. Osman, M. Al Musawi, A. (2021). The Design Principles of 3D-Virtual Reality Learning Environment (3D-VRLE) in Science Education. *Interdisciplinary Journal of Virtual Learning in Medical Sciences*, 12 (4), 2-13.
4. عمار محمد عيد، عثمان محمد الطاهر (مقبول للنشر). فاعلية استخدام التعلم المعكوس في تنمية مهارات استخدام برنامج السبورة التفاعلية لدى طلاب جامعة السلطان قابوس. المجلة الدولية للأبحاث التربوية، جامعة الإمارات
5. الموسوي، عبد المطلب، الحدابي داوود، تونكو أحمد بدرية، عثمان محمد. (2021). تصور تصميمي لخطة تدريبية مقترحة وفقا لنموذج أشيور لأخصائيي مصادر التعلم في محافظة مسقط لتوظيف موقع فيسبوك لتحقيق آليات التسويق الحديثة لخدمات المعلومات في المكتبات ومراكز المعلومات خلال جائحة كورونا. مجلة العلوم التربوية والنفسية، 5، 6، (91-104).
6. Al-Aghbari, M. S., **Osman, M. E.**, & Al Musawi, A. S. (2021). Contextualizing the global standards for designing online courses: A design-based research approach for developing small private open courses. *International Journal of Educational Methodology*, 7 (1), 1-13. <https://doi.org/10.12973/ijem.7.1.1>
7. Mohamed E. **Osman** (2020) Global impact of COVID-19 on education systems: the emergency remote teaching at Sultan Qaboos University, *Journal of Education for Teaching*, DOI: [10.1080/02607476.2020.1802583](https://doi.org/10.1080/02607476.2020.1802583)
8. Al Amri, A. **Osman, M.**, and Al Musawi, A. (2020). The Effectiveness of a 3D-Virtual Reality Learning Environment (3D-VRLE) on the Omani Eighth Grade Students' Achievement and Motivation towards Physics Learning. *International Journal of Emerging Technologies in Learning (iJET)*, 15 (5), 4-16.
9. Al Badi1 A., **Osman, M.** & Al-Mekhlafi, A. (2020). The Impact of Virtual Writing Tutor on Writing Skills and Attitudes of Omani College Students. *Journal of Education and Development*.4, (3). 101-116. <http://journal.julypress.com/index.php/jed>
10. Al-Ani, Wajeha, Al Musaw, Ali, and **Osman, Mohamed**. (2020). Development of a Scale for Measuring University Students' Attitudes toward Entrepreneurship in Oman. *SSRG International Journal of Humanities and Social Science (SSRG-IJHSS)*, 7(1) – www.internationaljournalssrg.org
11. Al Jahwary, Fatma, **Osman, Mohamed**, and Aldhafri, Said (2020). The effects of an online study skills program on students' academic and self-efficacy in Oman. *The Educational Journal*, 134,1, 259-292 (in Arabic), Kuwait University.
12. Ahmed, A. and **Osman, M.** (2019). The effectiveness of using WiziQ interaction platform on students' achievement, motivation and attitudes, *Turkish Online Journal of Distance Education. (Scopus)*, 20 (3).

13. Al Mekhlafi, Abdo, and **Osman**, Mohamed. (2019). The Effect of a Holistic School Improvement Model in Enhancing School Effectiveness in Oman. *Malaysian Journal of Learning and Instruction (MJLI)* 16,(.2).
<http://mjli.uum.edu.my/index.php/previous-issues/148-malaysian-journal-of-learning-and-instruction-mjli-vol-16-no-2-dec-2019#a8>
14. **Osman**, M. and AL Mikhlaifi, A. (2018). The Impact of a Systemic Innovation Sustainability Model on Students' Academic Performance in Oman. *International Journal of Education*. 10, (1), 125-139.
15. Amer, T., and **Osman**, M. (2018). The required technical skills for the graduates of the Instructional and Learning Technology BeD program: A Job Market perspectives. *Journal of Research Studies in the Educational Fields*, 11,77-99.(in Arabic).
16. Ohoud Al Yafei , **Osman**, **Mohamed** . (2016). Mobile Phone Apps: An Emerging E-Platform for Vocabulary Learning and Retention. *Journal of Applied Linguistics and Language Research*, 3, 7, pp. 286-308.
17. Al Khamisi, H., Al Barwani, T., Al Mekhlafi. A., and **Osman**. M. (2016). EFL Reading Achievement: Impact of Gender and Self-efficacy Beliefs. *International Journal of Learning, Teaching and Educational Research* Vol. 15, No. 3, pp. 54-73,
18. **Osman**, M. Al Barwani, T., Al Mikhlaifi, A. (2015). The male dilemma: Patterns of gender disparity in academic performance in Oman. *Global Journal for Research Analysis*. 4,10, 39-43.
19. Al Balushi, N., and **Osman**, M. (2013). Critical reading skills in the information era: Level of competency among tenth grade students (in Arabic). *The American Arabic Academy of Science and Technology Journal*, .4, 8.
20. Al Musawi, A.,Asan, A., Abelraheem, A. and **Osman**, M. (2012). A case of web-based inquiry learning model using learning objects. *TOJET: The Turkish Online Journal of Educational Technology*, 11, 1, 1-9.
21. Al-Mehrzi,R. 1 Aldhafri,S. Al-Busaidi, S. Ambusaidi,A.,**Osman**, M., Amat S. and Al-Ghafri. M. (2011). Path Analysis of the Effects of Teaching Attitudes and Anxiety on Pre-Service Teachers' Efficacy Beliefs. *World Applied Sciences Journal* 14 (Learning Innovation and Intervention for Diverse Learners): 14, 52-59.
22. **Osman**, M. E. (2010). Virtual Tutoring: An On-line Environment for Scaffolding Students' Metacognitive Problem Solving Expertise. *Journal of Turkish Science Education*, 7,4, 3-12.
23. **Osman**, M. E. (2010). Educational Portal in Oman: Toward a connected community. *The American Arabic Academy of Science and Technology Journal*, 1,2, 101-111.
24. Issan, S.; **Osman**, M. E. (2010). Post graduate studies, research and community service in higher education institutions in Oman: A systemic analysis. *The American Arabic Academy of Science and Technology Journal*, 1,1, 131-155..
25. Al Kindi, M.; Al Musawi, A.; **Osman**, M. E., and Al Naamany. A. (2006). Analyzing Theoretical Approaches and Their Implications to The Development of Distance Learning Courses: Astrategic Research Project at Sultan Qaboos University. *Malaysian Journal of Distance Learning*, 8, 1, 15-29.

26. **Osman, M. E.** (2005). Students' reactions to WebCT: Implications for designing on-line learning environments. *International Journal of Instructional Media*, 32, 4, 353–362.
27. **Osman, M. E.** (1998). Assuring Total Quality Management in Education. *International Yearbook on Teacher Education*, Vol. (1), 363-375.
28. Abu-Jaber, M. and **Osman, M.E.** (1997). Utilization of Instructional Technology Services by Faculty Members at Sultan Qaboos University. *International Yearbook on Teacher Education*, Vol. (2), 13-21.
29. **Osman, M. E.**, and Hannafin, M. (1994). Effects of Advance Questioning and Prior Knowledge on Science Learning. *The American Journal of Educational Research*, 88, 1, 5-13.
30. **Osman, M. E.** and Hannafin, M. (1992). Metacognition research and theory: Analysis and implications for instructional design. *Educational Technology Research and Development*, 40, 2, 83-99.

6-2. Book Chapters

1. **عثمان، محمد، الأغبري، محمد (2022).** التصميم التعليمي للمقررات الإلكترونية. في الحارثي، عائشة (محرر، ص.ص. 97-118)، التعليم الإلكتروني والتعليم عن بعد في التعليم العالي: رؤية مستقبلية. دلة المسيرة للنشر والتوزيع، عمان. الأردن
2. Al Barwani, Thuwayba, and **Osman, Mohamed.** (2018). Building a Collective Capacity for Excellence: The Experience of Accreditation of the College of Education in Oman. In Flores, Al Barwani, and Imig (Eds.). *Leading Change in Teacher Education*. Nova Science publishers.
3. **Osman, M. E.** (2016). Embedded Teacher Professional Development in Oman: Opportunities and Challenges. In Flores. M., & Al Barwani (Eds., Chapter 14). *Redefining Teacher Education for the Post-2015 Era: Global Challenges and Best Practices*. Nova Science Publishers, Inc
4. Al- Barwani, T. A., and **Osman, M. E.** (2011). Promoting Students Learning through Sustainable Innovations: Where is the missing link? In MacBeath, J. and Townsend, T. (Eds. Pp. 845-865). *International Handbook on Leadership for Learning*: Springer Publishers.
5. Al-Barwani , T. A., and **Osman, M. E.** (2010). Academic development and quality in Oman: Mapping the terrain. In Mertova, P., Nair, S. & Webster L. (Eds.). *Leadership and Management of Quality in Higher Education* ,147- 168. Woodhead Publishing Limited, Cambridge, UK.
6. **Osman, M. E.** (1999). Student Empowerment: Research Analysis and Implications for Designing Learning Environments. In Clements, K. and Pak, Y. (Eds.), *Cultural and Language Aspects of Science, Mathematics and Technical Education*, 410 – 419. University of Brunei: Negara Brunei Darussalam.

6-3. Conference Presentations

1. Osman, Mohamed (2020). Extending the Learning Landscape: Showcasing a Systemic Approach to School Effectiveness in Oman. *A paper presented at the 33rd ICSEI (International Congress for School Effectiveness and Improvement)*. Marrakech, Morocco.
2. Osman., M. (2019). The Predicting Factors of a sustainable school improvement in Oman. *A paper presented at the ICET 63 World Assembly (July 8-11, 2019)*, University of Johannesburg, SA.
3. Osman, M. (2017). The impact of a systemic innovation sustainability model on school improvement in Oman. *A paper presented at the ICET 61 World Assembly (June 28-30, 2017)*, Brno, Czech Republic.
4. Ahmed, A., **Osman, M.**, Al Musawi, A., Al Saadi, K. and Al Lawati, Z. (2017). The reality of the use of assistive technology for people with special needs at Sultan Qaboos University. *A paper presented at the 6th International Conference on Information and Communication Technology (ICTA2017), the Arab League Education, Culture and Science Organization (ALECSO) and Sultan Qaboos University*, Muscat, Oman.
5. Al Harthi, A. Al Ani, W., and **Osman, M.** (2017). *A paper presented at the International Conference of Educational Technology, (ICOET, 2017), OSET, Oman.*
6. Osman, M. (2016). Teacher Empowerment: A Driving Force to Sustainable School Effectiveness in Oman. *A paper presented at the ICET 60th World Assembly (June 17-21, 2016)*, Kingston, Jamaica.
7. Al Barwani, T. and **Osman, M.** (2016). A faculty driven model for a collaborative accreditation and continuous improvement process: Learning from the experience of the college of education. *A paper presented at the 4th International Conference of the college of education: Academic Accreditation: The Road to Sustainable Quality Education. (November 14-17, 2015)*. Sultan Qaboos University, Muscat.
8. Al Mousawi, A. and **Osman, M.** (2016). Inclusion of the technology component as a core element in the accreditation documents. *A paper presented at the 4th International Conference of the college of education: Academic Accreditation: The Road to Sustainable Quality Education. (November 14-17, 2015)*. Sultan Qaboos University, Muscat.
9. Osman, M. (2015). Embedded Teacher Professional Development in Oman. *A paper presented at the International 2nd Conference on Multidisciplinary Innovation Sustainability and Growth (MISG), 1-4 June ,2015*. Kuala Lumpur, Malaysia.
10. Osman, M. (2014). The Innovation Sustainability Wheel (ISW): A Systemic Model for School Reform. *A paper presented at the ICET 58th World Assembly. UOIT, Oshawa, Canada.*
11. Osman, M. (2013). Gender disparity: Does motivation explain the variance? *A paper presented at the ICET 57th World Assembly, STOU, Thailand.*
12. Al Barwani, T., **Osman, M.** (2013). The Dilemma of Boy's Academic Underachievement in Higher Education: Patterns and trends of male academic underachievement in higher education. *A paper presented at the International Journal of Arts & Sciences (IJAS) Annual Conference 2013 -Paris*

13. Osman, M. (2012). Gender gaps in student academic performance: Patterns of disparities in the global context. *A paper presented at the ICET 56th World Assembly*. Cape Coast University. Ghana.
14. Osman, M. (2012). International standards for teacher education: Contextual Challenges. *A presentation at the ICET 56th World Assembly*. Cape Coast University. Ghana.
15. Al Barwani, T., **Osman, M.** (2011). Extending the Learning Landscape: A Framework for Nurturing Critical Thinking Through School Improvement In Oman. *A paper presented at the ICET 55th World Assembly*, Glasgow, Scotland.
16. Osman, M. E. (2009). Educational institutions as learning organizations: Going beyond active connections. *A paper presented at the ICET 54th World Assembly*, Muscat.
17. Al Obaid, H.; **Osman, M.E.**, and Ambosaidi, A. (2006). The Effects of Online-Teaching and Learning Environment on Students Teachers Performance. *A paper presented at the ICODE-06*, Muscat, Oman.
18. Osman, M. E. (2004). E-Learning in higher education in Oman: Current and future potentials. *A paper presented and published in the 10th Annual Online Educa Berlin Conference proceedings*. Berlin, Germany.
19. Osman, M. E. and Al Obaid, H. (2003). Web-assisted instruction: Its potentials and impact on students' learning and attitudes. *A paper presented at ETEX03*, Muscat, Oman.
20. Akinyemi, A.; **Osman, M. E.**, and Al-Kindi, M. (2002). Implementation and Perspectives of WebCT at Sultan Qaboos University. *A paper presented at the 4th Annual Conference of WebCT Users*. Poston, USA.
21. Osman, M. E. (2001). The effects of a Web-based learning environment on students' learning strategies and study skills. *A paper presented at the 22nd annual ISTE conference*, Alsignore, Danmark.
22. Abu-Jaber, M. and **Osman, M.E.** (2000). Learning strategies and study skills of Jordanian students at Mu'ta University. *A paper presented at the 46th ICET World Assembly*, South Africa.
23. Osman, M. E. (1995). Technological Challenges and Their Implications on Educational Systems (In Arabic). *Published in the Proceedings of the Arabic Educational Conference: Education for the Arab Teacher in the Twenty First Century*, 33-41), Amman, Jordan.
24. Osman, M. E. and Hannafin, M. (1993). Effects of Think-ahead questions on Learning and Retention. *A paper presented at the Annual Conference of the Association for Educational Communication and Technology*, New Orleans, LA.
25. Gill, B. **Osman, M. E.**, and Reiser, R. (1991). The effects of CBI on students' performance and attitudes. *A paper presented at the Annual Conference of the Association for Educational Communications and Technology*, Orlando, Florida, USA.

6-5. Technical Reports

1. Others (3), and **Osman, M.** (2022). Course-Based Research Procedure (Criterion 2.5, SQU self-study), the DVC for Academic Affairs, SQU.
2. **Osman, M.** and Others . (2020). Study skills online course report submitted to the DVC for Academic Affairs, SQU.
3. **Osman, M.** and Others . (2018). E-Learning Bylaws & Regulations at SQU,.
4. **Osman, M.** and Others . (2017). E-Learning at SQU Internal Audit Report.
5. **Osman, M.** and Others. (2017). A proposal for establishing a UNESCO Chair for Educational Technology.
6. Others (3), and **Osman, M.** (2016). A proposal for establishing a National Center for Open Educational Sources. A report submitted to H.E. the VC.
7. Others (2), and **Osman, M.**. (2016). A proposal presented to the Academic Council for establishing an Honorary Doctorate Degree at SQU.
8. **Osman, M.** (2016). ILT Annual Appraisal Report
9. **Osman, M.** (2015). ILT Annual Appraisal Report
10. **Osman, M.** (2014). ILT Annual Appraisal Report
11. **Osman, M.** and others. (2015). ILT SPA report submitted to ISTE.
12. **Osman, M.**, and others . (2014). ILT Self- Study Report.
13. **Osman, M.** and others (2012). The College Performance Indicators. SQU Document.
14. Al Barwani, T. **Osman, M.** Issan, S., Niestler, O. Al Balushi, S. (2012). College Conceptual Framework. College Accreditation Document. SQU.
15. **Osman, M.** and others (2011). The College Performance Indicators. SQU Document.
16. Opara, L.; McLachlan, A.; Khan, M.; Al-Jabri, K.; **Osman, M.**; Al-Saadi, N.; Ismaeel, O. and Al-Yahyaee, S. (2009). SQU Quality Audit Portfolio: Student Learning by Research Programs. *SQU Document*, SQU, Muscat.
17. **Oman, M.** (2009). College Annual Research Report. *SQU Document*, SQU, Muscat.
18. **Osman, M.** (2008). College Annual Research Report. *SQU Document*, SQU, Muscat
19. **Osman, M.**; Kazim, A.; Al- Shaili, A.; Al- Mikhlaifi, A.; Al-Ganbousi, S.; Al-Sulaimani, H., and Al-Humaidi, S. (2009). Evaluation of the Masters Programs. *College of Education Document*, SQU. Muscat.
20. **Osman, M.**; Al-Hashmi, M. S.; Kazem, Ali Mahdi; Al-Washahi, M. A.; Al- Tauqi, M. S.; Alqaryouti, I.; Hafez, H. M.; and Al-Hashemi, A. M. (2008). *A Report on the College of Education Strategic Plan 2004-2009*. SQU.
21. **Osman, M.**; Sadik, A. ; and Amir, T. (2006). The ILT Department Self-Study. *College of Education Document*, SQU. Muscat.
22. Yousif, A. ; Issan, S. ; **Osman, M.** ; and Al Rabaani, A. (2006). The Status of Post Graduate Studies, Research and Community Service in Higher Education Institutions in the Sultanate. *The Omani Council for Higher Education Document*, Muscat.
23. Abderaheem, A.; **Osman, M.** ; and Al Musawi, A.(2005). A Proposed Plan for Setting-up the Instructional and Learning Technologies Department. SQU, *University Council Document*, SQU, Muscat.

24. Al Musawi, A.; **Osman, M.** ; and Abderaheem, A. (2002). A Proposed Plan for a Study Skills Course. *Academic Council Document*, SQU, Muscat.
25. Al Lamki, A. ; Al Musawi, A. ; Al Hussaini, A.; **Osman, M.**; and Al Sukaiti, A. (1999). Proposal for Academic Staff Development. *SQU Assistant Vice Chancellor Office Document*, SQU, Muscat.
26. Al- Barwani, A.; **Osman, M.**; Kamil, M.; Abuof, F.; Issan, S. and Ibraheem A. (1996). A Diagnostic Study for Developing Students' Study Skills and Learning Strategies. *College of Education Document*, SQU.
27. Walker, P. and **Osman, M.** (1992). The effects of continuing education training program on pharmacists' knowledge and attitudes. *A final report submitted to the American Administration on Aging*. The U.S. Department of Health and Human Services, Washington, D.C.

6-7. Distribution of Publications

N	Journal Title	Country	Rating			No of publications
			Indexed	Refereed		
1	<i>International Journal of Emerging Technologies in Learning (iJET)</i>	Austria	Indexed	Refereed	Scopus	1
2	<i>Turkish Online Journal of Distance Education.</i>	Turkey	Indexed	Refereed	(Scopus	1
3	<i>International Journal of Education</i>	Canada	Indexed	Refereed		1
4	<i>Malaysian Journal of Learning and Instruction (MJLI)</i>	Malaysia	Indexed	Refereed	(Scopus	1
5	<i>The Educational Journal</i>	Kuwait	Indexed	Refereed		1
6	<i>Journal of Applied Linguistics and Language Research</i>	USA	Indexed	Refereed		1
7	<i>International Journal of Learning, Teaching and Educational Research</i>	USA	Indexed	Refereed		1
8	<i>Global Journal for Research Analysis.</i>	India	Indexed	Refereed		1
9	<i>The American Journal of Educational Research</i>	USA	ISSN: 0002-8312	Refereed	(Scopus	1
10	<i>Educational Technology Research and Development</i>	USA	ISSN: 1042-1629	Refereed	(Scopus	1
11	<i>International Journal of Instructional Media</i>	USA	ISSN: 0892-1815	Refereed		1
12	<i>The American Arabic Academy of Science and Technology Journal</i>	USA	ISSN: 2161-3621	Refereed		3
13	<i>International Yearbook on Teacher Education</i>	USA	---	Refereed		2

14	<i>Journal of Turkish Science Education</i>	Turkey	ISSN: 13046020	Refereed		1
15	<i>Malaysian Journal of Distance Learning</i>	Malaysia	ISSN: 1511-6433	Refereed		1
16	<i>World Applied Sciences Journal</i>	USA	ISSN 1818-4952	Refereed		1
17	<i>TOJET: The Turkish Online Journal of Educational Technology</i>	Turkey	ISSN 2146-7242	Refereed		1
18	<i>International Handbook on Leadership for Learning</i>	UK, Springer Publishers		Refereed and Edited		
19	<i>Leading Change in Teacher Education</i>	USA Nova Science publishers		Refereed and Edited		
20	<i>Redefining Teacher Education for the Post-2015 Era: Global Challenges and Best Practices</i>	USA Nova Science publishers		Refereed and Edited		
21	<i>Leadership and Management of Quality in Higher Education</i>	UK, Woodhead Publishing, Cambridge		Refereed and Edited		
22	<i>Cultural and Language Aspects of Science, Mathematics and Technical Education</i>	Brunei University of Brunei		Refereed and Edited		
Total					27	

6-8. Distribution of Conference Presentations/Attendance

N	Conference Title	Country	No of Conferences
1	ICET 63 World Assembly	South Africa	1
2	ICET 61 World Assembly	Czech Republic	1
3	60 th ICET World Assembly	Jamaica	1
4	33 rd ICSEI (International Congress for School Effectiveness and Improvement).	Morocco.	1
5	58 th ICET World Assembly	Canada	1
6	57 th ICET World Assembly	Thailand	1
7	56 th ICET World Assembly	Ghana	2
8	55 th ICET World Assembly	Scotland	1
9	The 22nd Annual ISTE Conference	Denmark	1
10	The Annual Online Educa Berlin	Germany	1
11	Education for Teachers in the 21 st Century	Jordan	1
12	The Annual KTS Conference	Kuwait	1
13	54 th ICET World Assembly	Portugal	1
14	ICET World Assembly	Oman	2

15	The Annual ELT Conference		
16	(ICOET, 2017		2
17	The International Educational Conference		1
18	ETEX OMAN		3
19	The International Seminar on Educational Development		2
			1
20	The Annual AECT Conference	USA	2
21	The Annual ASTD Conference	USA	1
Total			25

6-8. Research Grants and Contract Support

Project Title	Role	Other Contributors	Budget (In O.R.)	Year	Provider
1. Developing Own Research Inquiry in Higher Education Institutions in Oman through Scholarship of Teaching and Learning (SoTL).	Co-Investigator	Raja Miznah , and Others	20000	2020	TRC
2. دراسة تنبعية لأوضاع الاحداث المفرج عنه المقدمة من درا إصلاح الأحداثم وتقييم فاعلية برنامج الرعاية اللاحقة (2019).	Co-PI	الربيعاني، أحمد	20000	2019	TRC
3. . (2022). The private Tutoring Phenomena in Oman: Causes and impact on the general education system	Co-PI	Al Mikhlaï, A.,	2500	2021	IG
4. Extending the Learning Landscape: Investigating A Systemic Approach to School Effectiveness in Oman. Project Website: http://research.squ.edu.om/isw_model	Principal Investigator	Al Barwani, T., Al-Mikhlaï, A, Al Sinani, Y., & Al Saadi, K.	90,000.000	2014-2018 Completed	His Majesty Trust Fund, Sultan Qaboos
5. Developing Distance Education for Higher Education Institutions in Oman through MOOCs: Design, Impact, and Culturally-Appropriate Modeling	Co-Investigator	Al Harthi, A., Al Ani, W. & Osman, M.	18,000.00	2016 - 2018 Completed	The Research Council (TRC), Oman
6. Developing Own Research Inquiry in Higher Education Institutions in Oman through Scholarship of	Co-Investigator	Raja Miznah , and Others	3,500.000	2018-Running	SQU (Internal Grants

Teaching and Learning (SoTL).					
7. Gender gaps in student performance: Implications on the labor market and the fabric of society.	Principal Investigator	Al Barwani, T., Al-Mikhlaifi, A.	74,300.000	2011-2014 Completed	The Research Council (TRC), Oman
8. Predicting factors that influence students' teachers. A three-year IG research project.	Co-Investigator	Al Mehrazi, R. Al Zafri, S. Amobsaidi, A., Osman , M. Al Bousaidi, S. Al Gafri,	26,000.000	2010-2012 Completed	SQU (Internal Grants)
9. The Effects of Online Inquiry-Based Learning Objects Environments on Students Achievement	Co-Investigator	Al Musawi, A. Abdelraheem, A. Osman , M. and Sadik, A.	8,823.000	2007-2009 Completed	SQU (Internal Grants)
10. Strategic Research Project: Development of Distance Learning for Common Courses at Sultan Qaboos University"	Co-Investigator	Al Kindi, M. Al- Musawi, A. Osman , M. and Al-Naamany,	109,000.000	2005-2008 (Closed)	SQU (HM Grants)
11. The effects of a computer-based learning to learn course on students study skills and academic performance	Principal Investigator	---	1,800.000	2002 Completed	SQU (Internal Grants)
12. Virtual Tutoring in Physics: An on-line environment for developing students' metacognitive skills	Principal Investigator	Gasmesseid, A.	3,300.000	2003 Completed	SQU (Internal Grants)
Total Research budget	R O. 334,723.000				

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