

## Dr. Osamah (Mohammad Ameen) Aldalalah

Associate professor of educational technology \ Early Childhood

Scopus link: <https://www.scopus.com/authid/detail.uri?authorId=55531769600>

Google scholar link: <https://scholar.google.com/citations?user=t4n9G0cAAAAJ&hl=en>

**Birth date:** 21/12/1974

**Nationality:** Jordanian

**Marital status:** Married

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### CV summary:

- PhD in Educational Technology \ Early Childhood
- 15 years of teaching experience
- 7 years as a department head

- 47 publications
- 5 conference publications
- 14 Scopus and ISI publications

- Diverse experience in early childhood, multimedia, educational software, digital technology in education, digital design in education.

- Taught many courses in early childhood, multimedia and technological education.

- Delivered many workshops in educational technology and digital contents.

### ➤ Academic & Professional Qualifications:

- Doctor of Philosophy - Educational Technology \ Early Childhood – University Science Malaysia (Universiti Sains Malaysia, 2010, #137 in the QS World University Rankings).
- Master - Educational Technology - Yarmouk University (2004) with excellent GPA.
- Bachelor Education – Fine Arts / Yarmouk University (1997) with very good GPA.

### ➤ Scientific and practical experiences:

#### Teaching Experience:

- Associate Professor / Kindergarten Department/ College of Educational Sciences / Jadara University / from 1/9/2022
- Associate Professor / Department of Educational Technologies and Kindergarten Department / College of Education / Taibah University / from 25/8/2019 to 25/8/2022.
- Associate Professor / Department of Educational Technology / College of Educational Sciences / Jadara University / from 16/2/2016 to 24/8/2019.
- Assistant Professor/ Department of Educational Technology / College of Educational Sciences / Jadara University / from 1/2/2011 until 16/2/2016.
- Fine art teacher in the Ministry of Education in Jordan, from 2002 to 2007.

#### Management Experience:

- Head of Educational Technology Department / College of Educational Sciences/ Jadara University for a period of seven years - from 1/10/2012 to 24/8/2019.
- Head of Measurement and Evaluation Department / College of Educational Sciences / Jadara University for a period of one year - from 2016 to 2017.
- Supervisor of non-academic activities in Applied Science University - Amman - Jordan, from 1997 to 2002.

#### Editorship:

- Managing Editor of Taibah University “Journal of Educational Sciences” 2021 till now.

#### Scholarly Activities:

- Received a doctoral fellowship from the University Science Malaysia (Malaysia).
- Research and Teaching Assistant at the College of Education at the University Sciences Malaysian (Malaysia) from 1/1/2008 to 31/12/2010.
- A member in the national team of developing fine art curriculum in the Ministry of Education in Jordan.
- Trainer at the Center of Developing the Performance Members of Jadara University.
- Trainer of educational technology.
- Instructional designer for many educational programs.
- Designer and producer of many educational software.

➤ **Teaching Experience:**

**Courses taught at Taibah University (Master, Diploma, Bachelor):**

Production of educational aids for kindergarten (ECE 427)	Instructional design (EDTE 632)
Advanced digital applications (CS 552)	Research project (EDTE 698)
Developing Digital Professional Portfolios (EDTE 655)	Research Seminar in Instructional Technology (EDTE 696)
Digital Content Production (EDTE 524)	Cyber Security and Research Ethics (CS535)
Introduction to digital technology (CS531)	Techniques of education (EDTE 311)
E-learning (EDTE 671)	University values (GS 123)
E-education (GS 158)	Instructional Digital Video (EDTE 645)

**Courses taught at Jadara University:**

Manual skills for children	Child literature
Communication skills in kindergarten	Instructional design and strategies.
Scientific and mathematical concepts in kindergarten	Assessment of child development in kindergarten
Children's arts, music, and songs	Design and production of educational aids.
Computer-based learning in kindergarten	Children's programs and computer games
Psychology of children's drawings	Civic education
Computer animation graphics.	Introduction to education
Design and production of educational multimedia software (Level 1)	Design and production of educational multimedia software (Level 2)
Design and production of educational multimedia software (Level 3)	Evaluation and application of ready-made educational software.
Learning resource management	Designing educational websites.
Internet and e-learning (Level 1)	Practical field training.
Internet and e-learning (Level 2)	Graduation Project.
Blended learning into K12	Introduction to educational technology.
Educational software and its evaluation.	Communication theories and technology.
Electronic Publishing (Educational Materials)	Contemporary issues in educational technology.
Photography (1)	Psychology and educational technology.
Photography (2)	Methods of scientific research in education.
Digital photography.	Technology and educational change.
Video design and production.	Introduction to library science.
The Internet as a source of information	Designing self-learning programs through the computer

➤ **Training Courses:**

- A course for developing the performance of members / Jadara University / Jordan.
- Training course in SPSS, University Science Malaysia.
- Training course in AMOS, University Science Malaysia.
- A course in Education for the Future (Intel), Ministry of Education/ Jordan.
- International Computer Driving License ICDL, Ministry of Education/ Jordan.
- Training course in COREL DRAW software - Rana Future center, from 15/12/2003 -17/2/2004.
- Training course in Adobe Photoshop software, Yarmouk University, (2004).
- Training course in Adobe Photoshop 5 software, Orient Computer Systems, from 10/7/2003 - 14/9/2003.
- Training course in Computer Maintenance - Baynunah Cultural Center, from 1/5/2004 - 1/7/2004.

- Training course in web page design - East for Computer Systems, from 6/5/2003 - 13/7/2003.
- Training course in Adobe Flash CS4 software - Computec Solutions, (2/11/2010).
- Training course in Adobe Captivate CS5 software – Al-Jahead for Information Technology and Training, from 16/4/2011 -17/5/2011.
- Training course in Adobe Illustrator CS4 software – Center Orient Computer Systems, from 30/1/2011 -30/3/2011.
- Training course in Course lap software - Al-Jahead for Information Technology and Training, from 20/5/2011 -20/6/2011.

#### ➤ Instructor for the following training workshops:

- Designing digital content (College of Education - Taibah University).
- Designing digital content (Department of Education in Bisha).
- Teaching Strategies (Jedara University).
- Trainer at the Center for Developing the Performance of Faculty Members of Jadara University.

#### ➤ List of Journal Publications:

1. Aldalalah, Dorid & Aldalalah, Osamah. (2023). The false positives and false negatives of generative AI detection tools in education and academic research: The case of ChatGPT. The International Journal of Management Education, 21(2) July. (ISI \ Scopus).
2. Aldalalah, Osamah, Alhalaq, Ali & Eyadat, Yousef. (In press). The Effectiveness of E-Collaborative Learning in Developing Digital Thinking Skills Among Teachers in The Light of Connectivism Theory. International Journal of Information and Education Technology. (Scopus).
3. Aldalalah, Osamah. (2023). The effect of employing artificial intelligence tools in dry laboratories on laboratory performance and the level of anxiety of secondary school students from their point of view. Journal of the University of Applied Sciences - Human Sciences Series. 37(1).
4. Al-Hasiri, Abdul Majid and Aldalalah, Osamah. (2023). The effectiveness of the digital story through flipped learning in developing critical listening skills and cognitive achievement in the Arabic language course for elementary school students in Madinah. IUG Journal of Educational and Psychology Sciences.31 (1) , 346-370.
5. Aldalalah, O. (2022). Employment The Word Cloud In E-Brainstorming and Its Effectiveness in Developing The Design Thinking Skills Among Taibah University Students. International Journal of Instruction, 15(1), 1045-1064. (Scopus).
6. Al-Anazi, Saleh and Aldalalah, Osamah. (2022). The effectiveness of using smart devices through mobile learning in developing digital citizenship and practical skills in a computer course for middle school students in Umluj Governorate. Journal of the College of Education, 84(3), 145-193.
7. Al-Fifi, Hasan and Aldalalah Osamah. (2022). The reality of employing artificial intelligence applications in Saudi universities learning from the point of view of faculty members (Taiba University model). Journal of the College of Education - Tanta University – 85

8. Aldalalah, O. (2021). The effectiveness of the different patterns of the digital story in the development linguistic intelligence skills and Mindfulness in Jordanian primary students during the Corona pandemic. *International Journal of Interactive Mobile Technologies*,16(14), 20-4(Scopus).
9. Aldalalah, O. (2021). The Effectiveness of the Infographic Pattern through the Interactive Smart Board on the Creative Thinking of Educational Technology Students: A Cognitive Load perspective, *International Journal of Instruction*. 14(1), 345-364. (Scopus).
10. Aldalalah, O. (2022). The effectiveness of teaching a Course Lab program on developing universal design skills for learning in the production of interactive digital content among master's educational technologies students. *Taibah University Journal of Educational Sciences*.
11. Aldalalah, O. (2022). The Effect of Different Navigation Pattern "List, Linear" on Developing Inductive Reasoning Thinking Skills of Sixth Graders in Science in the Light of Programmed Education. *IUG Journal of Educational and Psychology Sciences*, 29 (1) 1-21.
12. Alhadari, A & Aldalalah, O. (2021). The effectiveness of different patterns of augmented reality in cognitive achievement and developing metacognitive thinking skills for high school students in a chemistry course during the spread of the COVID-19 virus in Madinah. *The Arab Journal of Specific Education*, 19 (5), 177-238.
13. Aldalalah, O. (2020). Fear of Losing the Mobile Phone (Nomophobia) among Students and Its Impact of Psycho-loneliness and learning in the Light of Some Variables. *International Journal of Interactive Mobile Technologies*,16(14),70-86. (Scopus)
14. Bawaneh, A. Moumene, A & Aldalalah, O. (2020). Gauging the level of reflective teaching practices among science teachers. *International Journal of Instruction*, 13(1), 695-712. (Scopus).
15. Odat, W. Aldalalah, O. (2020). Developing the Nomophobia Scale for Jordanian Universities Students. *IUG Journal of Educational and Psychology Sciences*, 28(4), 820-838.
16. Aldalalah, O. Ababneh, Z. Bawaneh, A & Alzubi, W. (2019). Effect of Augmented Reality and Simulation on the Achievement of Mathematics and Visual Thinking among students. *International journal of emerging technologies in learning*, 18(14), 164-185. (Scopus)
17. Aldalalah, O., Ababneh, Z., Abu Nawas, M & Albatayneh, R. (2019). Effect of Standardized Electronic Test of Science on Learning Motivation. *Journal of Education & Social Policy*, 6(2), 128-139.
18. Aldalalah, O., Al-Ababneh, Z and Al-Zaboun, M. (2019). The effect of electronic tests and thinking style on test anxiety and self-efficacy among Jordanian university students. *Jordan University Derasat Journal*, 46(3), 391-411.
19. Aldalalah, O., Al-Widyan, N and Al-Ababneh, Z. (2019). The Effect of Different Electronic Test View Pattern on the Discrimination and Difficulty parameters, and

10th Grade student's Achievement in the Computer Course. IUG Journal of Educational and Psychology Sciences, 27(5), 799-825.

20. Aldalalah, O. Shatat, F &. Ababneh, Z. (2019). The Impact of Blended Learning on the Development of the Cognitive and Metacognitive Thinking Skills in Mathematics of the Emirates College of Technology (ECT) Students. Journal of Institutional Research Journal of Institutional Research Southeast Asia, 17(1), 16 – 42. (Scopus).
21. Aldalalah, O and Aldalalah, T. (2019). Quality standards in electronic tests and their availability in level tests in Jordanian universities. Al-Manara Magazine, 25(1), 45 - 96.
22. Aldalalah, O. (2018). The Level of Cyber-bullying (bully, victim) through Smartphone Applications among Students of the Faculties of Education in Jordanian Universities and its Relation to Loneliness. International Journal of Social Sciences & Educational Studies, 5(1), 145 – 163.
23. Aldalalah, O. (2018). The Effect of Anxiety on the Primary Students Achievement in Learning. Journal of Scientific and Engineering Research, 5(12):32-39.
24. Shatat, F. Aldalalah, O., &. Ababneh, Z. (2017). The Impact of the E-book on Levels of Bloom's Pyramid at ECT Students considering the Internal and External Motivation to Learn Mathematics and Statistics. Asian Social Science, 13(2),49-63.
25. Aldalalah, O., Eyadat, Y. & Ababneh, Z. (2015). Effects of webquest on the achievement and motivation of Jordanian University students of (independent & dependent) cognitive style. World Journal on Educational Technology, 7(2),119-135.
26. Aldalalah, O., Ababneh, Z. & Shatat, F. (2015). E-Administration in the Public Schools of The Abu Dhabi Education Council from Teachers' Viewpoint. Journal of Information and Knowledge Management, 7(5), 131- 142.
27. Aldalalah, O. & Ababneh, Z. (2015). Standards of Multimedia Graphic Design in Education. Journal of Education and Practice, 17(6), 102 – 111.
28. Aldalalah, O. & Al-Mothana M. Gasaymeh. (2014). Blended Learning Competencies and Obstacles among Educational Technology Students in Light of Different Aptitudes. Contemporary Educational Technology, 5(3),218 – 238.
29. Abbas, H., Aldalalah, O., &. Alhalag, A. (2014). Evaluating graduation projects produced by Instructional Technology Department's students in Jadara University on the bases of instructional software criteria. Aqsa University Journal; 18(1)143 ,- 167.
30. Al-Mothana M. Gasaymeh & Osamah M. Aldalalah. (2013). The Impact of Using SMS as Learning Support Tool on Students' Learning. International Education Studies; 6(10), 112 – 123. (Scopus).
31. Aldalalah, O. (2012). Modality Effects in Reducing Cognitive Loads in Multimedia Learning. International Journal of Learning and Development. 2(1), 603 – 612.

32. Aldalalah, O. (2011). Effects of Multimedia-Based Instructional Design on the Learning and Attitude among Jadara University Students: A Cognitive Load Theory Outlook. *Elixir Social Studies* 40, 5314-5320.
33. Aldalalah, O & Fong, S. F. (2009). Effects of Computer-Based Instructional Designs among Pupils of Different Music Intelligence Levels. *World Academy of Science, Engineering and Technology*, 39, 1018–1026 (Scopus).
34. Aldalalah, O, Fong, S & Ababneh, Z. (2009). Effects of Multimedia-based Instructional Designs for Arabic Language Learning among Pupils of Different Achievement Levels. *World Academy of Science, Engineering and Technology*, 39, 1077–1083. (Scopus).
35. Aldalalah, O & Fong, S. F. (2010). Effects of Computer-Based Instructional Designs among Pupils of Different Music Intelligence Levels. *International Journal of Social Sciences*, 5(3), 168- 176.
36. Aldalalah, O. M. & Fong, S. F. (2010). Effects of Modality and Redundancy Principles on the Learning and Attitude of a Computer-Based Music Theory Lesson among Jordanian Primary Pupils. *International Education Studies*, 3(3), 52-64.
37. Aldalalah, O & Fong, S. F. (2010). Music Intelligence and Music Theory Learning: A Cognitive Load Theory viewpoint. *International Journal of Psychological Studies*, 2(2), 150- 158.
38. Fong, S. F & Aldalalah, O. (2010). Modality and Redundancy Effects on Music Theory Learning Among Pupils of Different Anxiety Levels. *World Academy of Science, Engineering and Technology*, 67, pp. 107–115. (Scopus).
39. Fong, S. F & Aldalalah, O. (2010). Effect of Computer-Based Instructional Design among Internals-Externals: A Cognitive Load Perspective. *European Journal of Social Sciences*. 14(1), 164-182. (Scopus).
40. Fong, S. F & Aldalalah, O. (2010). Internals Out-Performing Externals in Music Theory Learning: A cognitive processing capacity perspective. *Asian Social Science*, 6(7), 70-80.
41. Mofleh, M., Alhersh, A., Ababneh, Z. & Aldalalah, O. (2010). The Effect Of Attaching Method By Working On The Computer (Cooperative, Individual) On Direct And Retention Achievement For The First Basic Grade Pupils In Mathematics. *Future study journal*, 15(1), 177-196.
42. Mofleh, M., Alhersh, A., Ababneh, Z. & Aldalalah, O. (2010). The Effect of Psychological, Healthy and Social of Using the Internet from Teacher's Perspectives. *Journal of Educational and Psychological sciences*.11(3), 287-3113
43. Mofleh, M., Alhersh, A., Aldalalah, O. & Alababneh, Z. (2009). Effect Drill and Practice Pattern in Mathematics Among First-Grade Students, Compared With Music Anthems, And Traditional Way. *Journal of Science Education and Human (Umm al-Qura University)* , 1 (2) 401- 432.

44. Alhiresh, A., Aldalalah, O., Alababneh, Z. (2009). The Effect of Different Coloring Strategies in an Instructional Software on the Basic Third Grade Students Achievement in Science. *Damascus University Journal for Educational Sciences*, 25 (3+4) 473-494.
45. Yagmor, K. & Aldalalah, O. (2007). How Teachers Grade Students Acquire Basic Skills Necessary to Teach Songs and Attitudes Toward It. *South Valley University Journal*, 21(2), 26-59.
46. Alhiresh, A., Alababneh, Z. & Aldalalah, O. (2006). The Effect of Using Two Different Instructional Software on First Basic Graders' Achievement in Mathematics. *Journal for Studies and Scientific Research- Arts and Humanities Series*, 28 (1), 55-66.
47. Alhiresh, A., Alababneh, Z. & Aldalalah, O. (2005). The Effect the Differences of the Symbolic System in Instructional Software on Third Grade Students' Achievement in Science. *Journal of Educational and Psychological sciences*, 6 (4), 13-34.

#### ➤ Conference Publications:

1. Aldalalah, O., Al-Ababneh, Z & Al-Suhaimi, I. (21-23 May 2023). effectiveness of a digital multimedia environment in developing the skills of intonation and rulings in the Holy Qur'an and the achievement of the fifth-grade students in Madinah according to their locus of control. Future Educational Visions and Aspirations Conference (Leadership and Creativity), Jadara University, Jordan.
2. Aldalalah, O., Al-Ababneh, Z and Al-Zoubi, W. (23-25 April 2018). The effect of the different style of programmed education (normal and computerized) on the achievement of sixth graders in science. Higher Education Conference, Jadara University, Jordan.
3. Aldalalah, O., & Fong, S. F. (2008 November). *Effects Of Modality Principles Among Jordanian Students*. 2nd International Malaysian Educational Technology Convention Malaysia. Contan, Malaysia.
4. Aldalalah, O., & Fong, S. F. (2008 June). *The Employment of the Internet as a Source of Information among Graduate Jordanian Students in University of Science Malaysia*. The International Conference on Social Sciences and Humanities. Malaysia.
5. Mofleh, M., Alhiresh, A., Aldalalah, O., Alababneh, Z. (2007 October). *The Effect of Attaching Method by Working On The Computer (Cooperative, Individual) On Direct And Retention Achievement For The First Basic Grade Pupils In Mathematics*. The seventh International educational Conference. Jordan.
6. The 2009 Graduate Students Colloquium. Malaysia.

#### ➤ In process publications:

1. The role of applying knowledge management through e-learning management systems on organizational creativity in Saudi universities from the point of view of faculty members at universitys.

2. The Effectiveness of Interactive Digital Content Based on the (TPACK) Model In Developing Producing Educational Aids Skills And The Cognitive Achievement Among Kindergarten Teacher Students.
3. The effectiveness of a collaborative digital multimedia environment through Google apps in developing Holy Qur'an skills among primary school students considering locus of control

#### **Books in progress:**

- Designing multimedia programs (screenwriting).
- Technology and educational change.

#### **➤ Supervising master's theses at Jadara University:**

- The Effect of Different Electronic Test View Pattern on the Discrimination and Difficulty parameters, and 10th Grade student's Achievement in the Computer Course.
- Quality standards in electronic tests and their availability in level tests in Jordanian universities.
- Building an achievement test in reading for the first primary grade and comparing the effect of an applied method (paper, electronic) on its psychometric properties.
- Developing the Nomophobia Scale for Jordanian Universities Students.

#### **➤ Supervising master's projects at Taibah University:**

- The effectiveness of different patterns of augmented reality in cognitive achievement and developing metacognitive thinking skills for high school students in a chemistry course during the spread of the COVID-19 virus in Madinah.
- The reality of employing artificial intelligence technology applications in education in Saudi universities from the point of view of faculty members (Taiba University as a model).
- The effectiveness of the digital story through flipped learning in developing critical listening skills and cognitive achievement in the Arabic language course for elementary school students in Madinah.
- The effectiveness of using smart devices through mobile learning in developing digital citizenship and practical skills in the computer course for middle school students in Umluj Governorate.

- The effectiveness of multimedia design through the (Course Lab) program in developing intonation skills and cognitive achievement among elementary school students in Madinah.
- The Effectiveness of Different Infographic Patterns in Developing Visual Culture Skills in the Computer Course for Middle School Students in Jeddah Governorate.

➤ **Discussion and arbitration of several master's theses in Jordanian Universities and Taiba University**

➤ **Arbitration of many scientific researches for publication in refereed scientific journals.**

➤ **Member of the following committees:**

#### **Taiba University:**

- Member of the tripartite committee in the Department of Education Technologies.
- Member of the Academic Guidance Unit in the College of Education.
- Member of the Quality Committee at the College of Education.
- Member of the Scientific Theses Review Committee at the College of Education.
- Member of the Education Technologies Department Committee to create a Ph.D. Program in Educational Technologies.

#### **Jadara University:**

- Decision of the third conference of the Faculty of Educational Sciences (Future educational visions and aspirations (leadership and creativity)) 2023.
- Decision of the first conference of the Faculty of Educational Sciences (Higher Education in the Light of the Knowledge-Based Economy) 2018.
- Member of the Jadara University Council (two years) .
- Member of the Quality Committee at the Jadara University 2017/2018.
- Member of the Jadara University Proficiency Examination Committee for several years.
- Member of the Library Committee for several years.
- Member of the Educational and Psychological Guidance Department Plan Committee.
- Member of the Family Guidance Department's Plan Committee.
- Member of the Kindergarten Department Plan Committee.
- Member of the Scientific Day Committee of the University for several years.
- A representative of the College of Educational Sciences at Jadara University for several meetings in many bodies, such as the Higher Education Institutions Accreditation Commission, the Anti-Corruption Commission, Jordanian universities .... and others.
- Chairman of the Education Technology Department Plan Development Committee.
- Chairman of the committee to plan the proposed master's degree in educational technology.
- Chairman of the Graduation Projects Discussion Committee for several years.

### ➤ Ability to deliver the following workshops:

1. SPSS (Statistical Package for The Social Sciences)
2. Educational Technology miscellaneous workshops such as:
  - a. Early Childhood
  - b. E-learning.
  - c. Moodle
  - d. Distance learning.
  - e. Computer based learning.
  - f. Internet in education.
  - g. Knowledge management via multimedia.
  - h. Multimedia in education.
  - i. Publication and research technical writing.
3. Multimedia and graphic design software: Photoshop, Flash, Corel Draw, Captivate, Illustrator, Authorware, Course Lap, In Design, Acrobat, Multimedia Builder, Camtasia Studio, Webpage Maker, Movie Maker, Team Viewer, Sound Software, Quizzes Software, etc.
4. Elementary Education.

### ➤ References:

1. Soon Fook Fong PhD, Professor, ICT Multimedia Education - School of Educational Studies - University Science Malaysia - 11800 Minden Penang Malaysia  
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2. Doraid Mohammad, PhD, Associate Professor, Chairman of Industrial Engineering Department, Faculty of Engineering, Jordan University of Science and Technology.  
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3. Layla Al-Juhani. Professor, Head of the Department of Educational Technology, Taibah University, Saudi Arabia. 00966503695150  
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