

**Marwan M.A.Abualrob**

**Address: Palestinian - Qabatia**

**Phone Number: 0097 04 2512506**

**0599473155**

**Email: [marwan.abualrob@aaup.edu](mailto:marwan.abualrob@aaup.edu)**

**Date of Birth: Julay 19<sup>th</sup> 1970.**



### **Academic Qualification**

- Associate Professor of Science Education, Arab American University department of education, Palestine
- Obtained a **Doctor of Philosophy (Ph.D.), Science Education** (2007-2011) from the University of Malaya, Kuala Lumpur, Malaysia.

**Thesis: THE DEVELOPMENT OF STS TEACHING AND LEARNING MATERIALS FOR NINTH GRADE SCIENCE TEXTBOOKS IN PALESTINE**

**Advisor: Esther Daniel**

- Obtained a **Master of Methods of Teaching Sciences** (2000-2005) from An-Najah National University, Nablus, Palestine. Average: 83.5 (Good)
- Obtained a **Bachelor's Degree in Science Education** (1996-1999) from the Al Quds Open University, Palestine. Average: 87.82 (Excellent)
- Obtained a **Certificate of General Secondary Education Examination** (1989)  
Average: 89.5 (Very Good)

### Published Journals

#### Scientific Production extracted from applicant's Doctorate Thesis

NO	Research title	Authors	Year of Publication	Journal Name	Number/Page
1.	Science technology and society modules development process and testing on its effectiveness	Marwan Abualrob & Madeha Shah	2012	Procedia - Social and Behavioral Sciences Journal <a href="#">ISSN: 1877-0428</a>	Vol. 46, pp. 811-816
2	Conceptualization of the Development STS Materials	Marwan Abualrob	2012	OIDA International Journal of Sustainable Development <a href="#">ISSN 1923-6654(print),1923-6662(online)</a>	Vol. 3, No. 7, pp. 61-74
3.	Teachers' Perceptions About the STS Teaching and Learning Materials	Marwan Abualrob	2012	OIDA International Journal of Sustainable Development <a href="#">ISSN 1923-6654(print),1923-6662(online)</a>	Vol. 3, No. 1, pp. 71-80
4.	The Delphi Technique in Identifying Learning Objectives for the Development of Science, Technology and Society Modules for Palestinian Ninth Grade Science Curriculum	Marwan Abualrob & Esther Daniel	2011	International Journal of Science <a href="#">ISSN 0950-0693 print 1464-5289</a>	Vol.35, No.15, pp. 2538-2558
5.	Comparison between Student Learning Outcomes in Higher Elementary School Science with an STS Modules and Typical Textbooks	Marwan Abualrob & Esther Daniel	2010	Ontario International Development Agency Journal <a href="#">1923-6654 (Print); 1923-6662 (Online)</a>	Vol.1, No. 4, pp. 87-103.

### Published Journals

Major field of Specialization						
NO	Research title	Impact Factor	Authors	Year of Publication	Journal Title	Number/Page
1.	Using Whatsapp in Teaching Chemistry and Biology to Tenth Graders.	SCOPUS, EBSCO, ERIC, ProQuest,.....	Marwan Abualrob & Safa Nazzal	2020	Contemporary Educational Technology e-ISSN: 1309-517X	Vol. 11, No. 1, pp. 55-76
2.	The Affordances of Augmented Reality in Delivering the Science Curriculum to Elementary Grades	Scopus, EBSCO, ERIH PLUS, Ulrichsweb, Open Academic Journals Index	Marwan Abualrob	2019	New Educational Review ISSN 1732-6729	Vol. 58, No. 4, pp. 36-53
3.	The Role of Science Teachers in Developing the 21st Century Skills for the Elementary School Students	SCImago, EBSCO, ERA, ProQuest, Asian Education Index, ...	Marwan Abualrob	2019	Interdisciplinary Journal of Environmental and Science Education e-ISSN: 1306-3065 ISSN: 2633-6537	Vol. 15, No. 1, pp. 1-8
4.	Performance-Based Assessment: Approach and Obstacles by Higher-Elementary Science Teachers in Palestine	Academic Keys CNKI Scholar ERIC, ERA Harvard Library JournalTOCs PKP Open ,.....	Marwan Abualrob & Said Al-Saadi	2019	Journal of Education and Learning Issn(Print): 1927-5250 Issn(Online): 1927-5269	Vol. 8, No. 2, pp. 198-206
5.	Determinants of Building 21st Century Skills in Palestinian Elementary Schools	Academic Keys CNKI Scholar ERIC, EZB, ERA, PKP Open .....	Marwan Abualrob	2019	Higher Education Studies Journal Issn(Print): 1925-4741 Issn(Online): 1925-475X	Vol. 9, No. 2, pp. 108-116

6.	An Analysis of the Palestinian Old and New Third Science Textbooks' Activities ( <u>In Arabic</u> )		Marwan Abualrob & Imad Abu Alrub	2018	Journal of the Arab American University ISSN: 2308-2623	Vol. 4, No. 2, pp. 49-69
Minor field of Specialization						
7.	Attitudes Toward and Implications of the Computer-Based Exams at Arab American University of Palestine	Academic Keys CNKI Scholar ERIC, ERA Harvard Library JournalTOCs PKP Open ,.....	Marwan Abualrob, Nizar Asad & Mohanad Daqar	2019	Journal of Education and Learning Issn(Print): 1927-5250 Issn(Online): 1927-5269	Vol. 8, No. 1, 196-206

### Conferences

1) Scientific articles published in conference proceeding extracted from applicant's Thesis				
No	Conference Title	Place of Holding	Type of participation	Date of the conference
1.	International Conference on Sustainable Development, ICSD	Palm Garden Hotel, IOI Resort, Putrajaya, Malaysia	Science, Technology and Society (STS) Elements Inventory for Palestinian 8.Society.	December 5-7, 2011
2.	World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education, E-Learn	Hawaii, USA	The Effects of STS Modules on Science Achievements and Attitudes toward Science	October, 17-21, 2011
3.	10th International Education Technology Conference & Exhibition, IETC	Sakarya University, Istanbul, Turkey	Development and Validation of a Checklist for Analyzing the STS Elements of Palestinian Science Textbooks	April 26-28. 2010
4.	International Conference on Sustainable	Laurentian University. Ontario, Sudbury, Canada	Comparison between Student	June, 22-25, 2010

	Development Summer Congress, OIDA		Learning Outcomes in Higher Elementary School Science with an STS Modules and Typical Textbooks	
<b>2) Scientific articles published in conference proceeding</b>				
<b>No</b>	<b>Conference Title</b>	<b>Place of Holding</b>	<b>Type of participation</b>	<b>Date of the conference</b>
<b>1.</b>	The 4th International Conference on Research in Teaching , Education & Learning, ICRTTEL	University Technology Malaysia (UTM) Kuala Lumpur, Malaysia.	Understanding Pre-service Teachers Perceptions and Experiences Practicum Problems in Palestine: A case Study	October. 10-11.2018
<b>2.</b>	Young people community service. (In Arabic)	Arab American University, Palestine	Project-based learning and its role in developing students 'intellectual and cultural framework.	1 December 2015
<b>3.</b>	Modern Practicum System and its reflections on education in Palestine. (In Arabic)	Arab American University, Palestine	Developing a program to integrate student teachers in addressing learning difficulties for elementary students	17.November.2014
<b>4.</b>	The new Tawjihi system and educational reform. (In Arabic)	Arab American University, Palestine	The Readiness of Scientific Laboratories (chemistry, physics and biology) and Qualifying Science Teachers to Implement the New Tawjihi System	10. October. 2012
<b>5.</b>	Extracurricular Activities in Palestinian Universities (In Arabic)	An-Najah National University, Palestine	The Impact of Extracurricular Activities on Arab American University Students	2. October. 2012
<b>6.</b>	4th World Conference on Educational Sciences, WCES	University of Barcelona, Barcelona – Spain	Teacher collegiality and teacher professional commitment in	February, 02-05, 2012

			public secondary schools	
<b>3) Organizing Commits</b>				
<b>No</b>	<b>Conference Title</b>	<b>Place of Holding</b>	<b>Type of participation</b>	<b>Date of the conference</b>
<b>1.</b>	The Fourth Science Conference: Researchers Students - a window towards creativity Researchers	Arab American University, Palestine	Organizing Committee	16, 17 April. 2019
<b>2.</b>	The role of the national movement at home in consolidating the Palestinian national identity	Arab American University, Palestine	Organizing Committee	16- March – 2019
<b>3.</b>	Psychological counseling conference in the Palestinian universities	Arab American University, Palestine	Organizing Committee	19- January -2019
<b>4.</b>	Researchers Student Conference - Incubation and Empowerment	Arab American University, Palestine	Organizing Committee	8- May – 2018

### Textbooks:

NO	The title of the book	Authors	Year of Publication	Publishing Company	Number/ Page
1.	Science and Life for the Fifth Basic Class, Part One. (In Arabic) <a href="https://www.wepal.net/library/upload/09-2019/content/5d825920beff9.pdf">https://www.wepal.net/library/upload/09-2019/content/5d825920beff9.pdf</a>	Al-Barghouti, J., <b>Abualrob, M.</b> , Qararyah, M., Eid, A., Shehadeh, A. & Radwan, S.	2017	Ministry of Education, State of Palestine.	1-100
2.	Science and Life for the Fifth Basic Class, Part Two. (In Arabic) <a href="https://www.wepal.net/library/upload/01-2020/content/5e1d8fd629c4b.pdf">https://www.wepal.net/library/upload/01-2020/content/5e1d8fd629c4b.pdf</a>	Al-Barghouti, J., <b>Abualrob, M.</b> , Qararyah, M., Eid, A., Shehadeh, A. & Radwan, S.	2017	Ministry of Education, State of Palestine.	1-96
3.	Science and Life for the Fourth Basic Class, Part One. (In Arabic) <a href="https://www.wepal.net/library/upload/01-2020/content/5e1d8fd629c4b.pdf">https://www.wepal.net/library/upload/01-2020/content/5e1d8fd629c4b.pdf</a>	<b>Abualrob, M.</b> , Qararyah, M., Shehadeh, A., Almarboe, B., Almallahi, S., Alkhazindar, M., & Maghazi, M.	2016	Ministry of Education, State of Palestine.	1-136
4.	Science and Life for the Fourth Basic Class, Part Two. (In Arabic) <a href="https://www.wepal.net/library/upload/09-2019/content/5d8258beea7eb.pdf">https://www.wepal.net/library/upload/09-2019/content/5d8258beea7eb.pdf</a>	<b>Abualrob, M.</b> , Qararyah, M., Shehadeh, A., Almarboe, B., Almallahi, S., Alkhazindar, M., & Maghazi, M.	2016	Ministry of Education, State of Palestine.	1-116
5.	Science and Life for the Third Basic Class, Part One. (In Arabic) <a href="https://www.wepal.net/library/upload/01-2020/content/5e1ecb17e78bc.pdf">https://www.wepal.net/library/upload/01-2020/content/5e1ecb17e78bc.pdf</a>	<b>Abualrob, M.</b> , Qararyah, M., Shehadeh, A., Almarboe, B., Almallahi, S., Alkhazindar, M., & Maghazi, M.	2016	Ministry of Education, State of Palestine.	1-100
6.	Science and Life for the Third Basic Class, Part Two.	<b>Abualrob, M.</b> , Qararyah, M.,	2016	Ministry of Education, State of Palestine.	1-92

(In Arabic) <a href="https://www.wepal.net/library/upload/01-2020/content/5e1ec57364a3e.pdf">https://www.wepal.net/library/upload/01-2020/content/5e1ec57364a3e.pdf</a>	Shehadeh, A, Almarboe, B., Almallahi, S., Alkhazindar, M., & Maghazi, M.			
--	--	--	--	--

### Technical Reports:

No	Technical Report title	Research/Researchers	Place	year
1.	Quality assessment of the textbook for the General Sciences branch from (1-9) . (In Arabic)	Marwan Abualrob, Mohammad Qarariya	Palestinian Curriculum Development Center - Ministry of Education	18.2.2016

### The University and Community Service:

#### A. Participation in the University Council and committees:

No	The Council and the Commission	Date
1.	University Council	2016-2020
2.	University staff- evaluation committee	2019-2020
3.	University Overtime Committee (hiring faculty members for a period of two semesters with a lump sum salary)	2018-2019
4.	Practicum Committee	2012-2015
5.	University Journal Committee	2014
6.	Academic Quality Committee	2013-2014



**B. Contribution to community development:**

No	The service	Beneficiary	Date
1.	Council of Wise of the College of Educational Sciences and teacher preparation (An-Najah National University).	Palestinian Universities	October 2018- 2020
2.	A workshop on discussing the science and life textbook for the fifth basic grade of Part One, Ramallah	Ministry of Education	April 2017
3.	Workshop on discussing the science and life book for the sixth basic grade of the first part	Ministry of Education	May 2017
4.	A workshop for discussing science and life books for the third and fourth grades for the second part	Ministry of Education	November 2016
5.	Introductory workshop for the science and life curriculum for the two classes (3-4), part one, Jasir Palace Hotel - Bethlehem	Ministry of Education	August 2016
6.	A workshop for discussing science and life books for the third and fourth grades for the first part	Ministry of Education	July 2016
7.	Evaluating the content of textbooks for the General Sciences Branch for Grades 1 – 9 (Tourist Village – Jericho)	Ministry of Education	February 2016
8.	Training participating school mentors, effective mentoring	Mentors, Principals and Supervisors in Jenin, Qabatya , Tubas Directorates.	October 7, 2012
9.	Training participating schools' mentors, Planning and Assessment	Mentors, Principals and Supervisors in Jenin, Qabatya , Tubas Directorates.	September 30, 2012
10.	Qualitative and Quantitative Methods, An Najah National University, four hour workshop presented for educational Sciences Faculty Staff form NNU &	Mentors, Principals and Supervisors in Jenin, Qabatya , Tubas	July 7, 2012

	UCES in addition to 6 Mentor teachers from UNRWA schools.	Directorates.	
11.	Portfolio, Training participating schools' staff	Mentors, Principals and Supervisors in Jenin, Qabatya , Tubas Directorates.	May 31, 2012
12.	Inquiry Strategies, Training participating schools' staff	Mentors, Principals and Supervisors in Jenin, Qabatya , Tubas Directorates.	February 2, 2012

### C. Participation in Public Lectures:

NO	Public Lectures	Organizer	Date
1.	Activity and play based learning (student centered) approach.	Teacher Creativity Center and Right to Play Foundation, in partnership with the Ministry of Education and Higher Education	1 November 2017
3.	Orientation for fifth and sixth grades science and life textbooks	Curriculum Center, Ministry of Education	August 2017

### Teaching Experience

- Methods of Teaching Science 1
- Methods of Teaching Science 2
- Learning Theories
- Filed experience (Practicum)
- Fundamentals of Science
- Environmental Education
- Fundamentals of Methods Research
- Education in Palestine
- Educational Psychology
- Classroom Mannagment
- Assessment and evaluation
- Statistics in Sports Science

### **Work Experiences**

- Dean of Faculty of Arts. Arab American University. 2017-2021.
- Head of Elementary Education Dept. Arab American University. 2014-2016.

### **Personal Skills**

- Ability to manage and lead a team
- Ability to work well under pressure
- Good interpersonal and communication skills
- Excellent training and facilitation skills excellent research skills
- Coordination and administrative skills

### **Interests**

- Theories and Concepts in Science Education
- Science Technology and Society (STS)
- Instructional Supervision
- Mixed Method Research
- Augmented reality
- STEM
- Supervising and Facilitating Research Students

### **Language Skills**

<b>Spoken Languages</b>	
Arabic-Degree	: Mother Language
English-Degree	: V.Good command of spoken and written
Melayu -Degree	: poor spoken And Written

## Referees

### **Professor Emeritus, Robert Yager**

769 Van Allen Hall  
The University of Iowa  
Iowa City IA 52242 USA  
E-mail: [robert-yager@uiowa.edu](mailto:robert-yager@uiowa.edu)  
Telephone: 319/335-1189

### **Prof. Dr. Chin-Chung Tsai**

Graduate Institute of Digital Learning and Education,  
National Taiwan University of Science and Technology,  
#43, Sec.4, Keelung Rd., Taipei, 106, Taiwan  
E-mail: [cctsai@mail.ntust.edu.tw](mailto:cctsai@mail.ntust.edu.tw)

### **Prof. Dr. Ananda Kumar A/L Palaniappan**

Department of Educational Psychology and Counselling,  
Faculty of Education Building, University of Malaya,  
50603 Kuala Lumpur, MALAYSIA  
E-mail: [anandak@um.edu.my](mailto:anandak@um.edu.my)

### **Associate Prof. Dr. Esther Gnanamalar Sarojini A/P A Daniel**

Department of Mathematics and Science Education,  
Faculty of Education Building, University of Malaya,  
50603 Kuala Lumpur, MALAYSIA  
E-mail: [esther@um.edu.my](mailto:esther@um.edu.my)

### **Associate Prof. Sharifah Norul Akmar Binti Syed Zamri**

Department of Mathematics and Science Education,  
Faculty of Education Building, University of Malaya,  
50603 Kuala Lumpur, MALAYSIA  
E-mail: [snorul@um.edu.my](mailto:snorul@um.edu.my)