

Curriculum Vitae

(1) PERSONAL DATA:

Name: Dr. Shehadeh Mustafa Abdo

Nationality: Palestinian

Sex: Male

Birth date: 8/8/1959

Birth Place: Nablus-Palestine

Marital Status: Married

No. of Children:

(2) An-Najah Natinal University

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Academic Rank: Assistant Professor.

(3) QUALIFICATION:

Degree	Area of Specialization	University	Year of Grad.
B.Sc.	Physics	An-Najah National University	1982
M.Sc	Physics	University of Jordan	1988
Ph.D.	Curriculum and Instruction Science Education	University of Jordan	1995

(4) PROFESSIONAL EMPLOYMENT AND TEACHING EXPERIENCES:

(A) Works Agency for Palestinian Refugees:

The post entail all technical as well as administrative supervision and development of Teacher Education as well as the Vocational and Technical Education Programs.

(B) An-Najah National University:

1. Assistant Professor in Curriculum and Science Education at An-Najah National University, 1995- :

Courses Supervised and Teaching:

(1) In Physics: Mechanics, Electricity and Magnetism, Thermodynamic, Electronics, Modern Physics, Optics,

(2) In Education:

(a) Undergraduate : Methods of Teaching Science(1), Methods of Teaching Science(2), Modern Issues and Trends in Science Education, Assessment and Evaluation, Computer and Internet in Education, Educational Technology, Methods of Teaching Mathematics(1), Methods of Teaching Mathematics (2), Educational Statistics, Introduction to Curriculum, Planning and Developing Curriculum, Methodology of Scientific Research, Instructional Design, Natural Sciences, General Science, Class room Administration, Analytical Statistics, Descriptive statistics, Bio statistics, Applied Statistics, Methods of Teaching Sciences for Higher Basic School, Methods of Teaching Sciences for Higher Secondary School, Instruction Skills, Active Learning, Introduction of Computer Sciences Design and production of educational Technology for Science and Mathematics, Practical Education (1), Practical Education(2) ... etc.

(b) Graduate: Methods of Teaching Science(1), Methods of Teaching Science(2), Modern Issues and Trends in Science Education, Design of Educational Research, Analytical Statistics of Educational Research, Seminar in preparation of Theses and Dissertation, Assessment and Evaluation, Educational Technology, Workshop in Educational Computer, Analytical Studies for Science Curriculum, Philosophy of Science, Educational Research in Science Education, Advance Educational Statistics, Philosophy of Education, Educational Psychology, Planning and Development of Science Curriculum,. Instructional Theory, Curriculum Theory.

**(C) UNIVERSITY OF ULM : Visiting (DAAD) Research
6-9/ 1990.**

(5)FIELDS OF SPECIALIZATION:

Major: Curriculum and Instruction

Minor: Science Education.

(C) Al- Quds Open University :

**Assistant Professor on Part Time Basis in Curriculum and Science Education
at Al- Quds Open University, 2001-till now.**

ADMINISTRATIVE EXPERIENCES:

- 1. Dean of Faculty of Educational Sciences, 2002-2004.**
- 2. Department Head of Methods of Teaching, 2001-2002.**
- 3. Department Head of Methods of Teaching, 1997-1999.**
- 4. Principal Supervisor : Islamic Basic and Secondary School since 2002 till now on part time basis.**

FIELDS OF INTEREST:

A) Education Reform, Quality of Education, Bridging the Gap between Scientists and Educator.

- 1) Curriculum Planning and Development.**
- 2) Teacher Education In and Pre-Service.**

3) Vocational and Technical Education.

B) PROFESSIONAL TRAINING:

(1) As a Trainee:

(2) As a Trainer:

CURRENT AND FUTURE EDUCATIONAL RESEARCH:

(1) Effect of annealing on the Crystallinity and microparacrystallite size of Kevlar 49 fibers . International journal for the science and technology of polymers, Vol. 30, No. February, 1989.

(2) Relationship between crystalline structure and mechanical properties in Kevlar 49 fibers. International journal for the science and technology of polymers, Vol. 30, No. June, 1989.

(3) Science Teacher Preparation Programs in Palestine: Reality and Perspectives. Psychological and Educational Measurement and Evaluation, Ninth Issue, 1997.

(4) The Relationship between Gender, Number of Children in the family, and Birth Order and the Development of Analogical Thinking Abilities for Students in the Elementary and Secondary School levels in the City of Amman. Psychological and Educational Measurement and Evaluation, Tenth Issue, 1997.

(5) The Effect of the additional unnecessary information, the tendency of representation of problems, and the Nature of the problems of Verbal problems on solving ability of 10th basic Grade students in Jenin District to solve verbal Physical problems. Psychological and Educational Measurement and Evaluation Twelve Issue, 1998.

(6) The effect of analogical teaching on a achievement of biology and self-concept for first scientific grade girl students in Amman. Journal of Al-AZHAR University –GAZA (Human Sciences), Volume 2, 1998.

(7) The effect of three task variables: dependent/independent requisitions, number of requisitions (1-3) and the number of steps required for solving a requisitions on the ability of 10th grade students to do problems on static electricity and the effects of electric currents both thermally and chemically. Bethlehem University Journal, Volume 17, 1998.

(8) The Impact of using Concept Maps in Immediate and Long term Self-Concept, Test Anxiety and Achievement Motive of 10th Grade Students in Biology Course in Governmental Schools belonging to the Directorate of Education in Jenin. Unpublished, 1999.

LANGUAGES:

Arabic and English.

PROFESSIONAL EXPERIENCE RECORD:

EXPERIENCES IN ESTABLISHING EDUCATIONAL ESTABLISHMENTS:

EXPERIENCES IN EDUCATIONAL SUPERVISION:

(1) Supervising the process of selecting practice teachers for practice teaching schools.

- (2) Supervising Islamic Schools for Science and Mathematics students and designing staff development programs for teachers to have better chances of professional growth.
- (3) Supervising the process of selecting teachers for Islamic Schools in Nablus.

CONFERENCES:

- (1) Morphology of Kevlar 49 fiber, paper presented in the first Conference of Solid state Physics, University of Jordan, Jordan, 1986.
- (2) Structure and Structure characteristics of Kevlar 29 and 49 fibers, paper presented in the Second Conference of Solid state Physics, University of Jordan, Jordan, 1989.
- (3) The Impact of annealing on Optical, Electrical, and Mechanical Properties of Kevlar 29 and 49 fibers, paper presented in the Third Conference of Solid state Physics, University of Jordan, Jordan, 1992.
- (4) The role of departments of education in Palestinian Universities in developing and qualifying Science educators, paper presented in the first Conference of Science Education, Bethlehem University, 1996.
- (5) Science educator in Palestine : Reality and future perception, paper presented in the second Conference of Science Education, Bethlehem University, 1996.
- (6) The Effect of three Structural Characteristics of Verbal problems on solving ability of 10th basic Grade students in Jenin District to solve verbal Physical problems Palestine, paper presented in the first Conference of Physics Education, Beerzat University, 1996.
- (7) The Impact of using Information and Knowledge Treatment in achievement and Attitudes of 10th Grade Students toward Physics Course and their Immediate and long-term Achievement in Governmental Schools belonging to the Directorate of Education in Nablus Governorate, paper presented in the second Conference of Physics Education, Beerzat University, Palestine, 1997.
- (8) The Impact of using differential Strategy in achievement and self-concept, motive of 10th Grade Students toward Physics Course and their Immediate and long-term Achievement in Governmental Schools belonging to the Directorate of Education in Nablus Governorate, Palestine, 2000.
- (9) Vocational education in Palestine, Paper presented in the National Conference of Teaching for all, Ministry of Education and Higher Education, Palestine, 2004.
- (10) Palestinian Science Curriculum between Originality and materiality, Paper presented in the conference of Palestinian curriculum between Originality and modernity, An-Najah National University, Palestine, 2005.
- (11) The role of E- learning in Science education, Paper presented in the Conference of Electronic Learning and Teaching, The Center of Developing and Training Palestinian Teachers, Palestine, 2005.
- (12) Bridging the Gap between Scientists and Science Educator in Palestine, , Paper presented in the Conference Bridging the Gap between Scientists and Science Educator, UNISCO, Cairo, Egypt , 2006.
- (13) The Role of Science Educator in Developing Basic Science Education , Paper presented in the Conference of Basic Education in Palestine, Bethlehem University, 2006.

SHORT TERM MANAGEMENT COURSES:

PUBLICATIONS:

(A) PHYSICS:

(B) EDUCATION:

WORKSHOPS:

SUPERVISING M.A THEESES AND DISSERTATIONS:

(A) I supervised (as a main advisor) 20 Dissertations in the field of Science education, Mathematics education and Curriculum Development in An-Najah National University:

(1) Frahat, Raad S. . The Effect of word Problem format, type of the Demand, and plce of the demand on the ability of 10th grade Students to Solve Problems Verbally and Physically in Jenin government Schools. An-Najah National University,18/2/1998.

(2) Al-Slol, Fadel A. The effect of using the programmed Instruction on the Achievement of Students in Grade ten in Physics at Gaza Schools. 26/6/1998.

(3) Qarut, Dejla S. . The Impact of using Concept Maps in Immediate and Long term Achievement of 10th Grade Students in Biology Course in Governmental Schools belonging to the Directorate of Education in Jenin Governorate. .15/7/1998.

(4) Hussein ,Mohammad H. . The Impact of using Vocabulary Drill in Precision Teaching Strategy in Immediate and Long-term Achievement of 9th Grade Students in Bilogy Course in Governmental Schools Belonging to the Directorate of Education in Nablus Governorate. 11/7/1999.

(5) Abu Atia, Issam F. . The Effect of Cooperative Group Learning and Group Size on Mathematics Achievement of 5th Male Grade Students in Jenin. 11/7/1999.

(6) Omar, Al-Moez Ledeen ullah S. The Impact of using Science, Technology and Society Approach in Attitudes of 10th Grade Students toward Physics Course and their Immediate and long-term Achievement in Governmental Schools belonging to the Directorate of Education in Tulkarm Governorate. An-Najah National University, 25/12/1999.

(7) Dawabsheh, Balsam A. . The Impact of using Reflective Learning Trend on the Academic achievement of 10th basic Grade Students in Chemistry at the Government Schools belonging to the Directorate of Education in Nablus Governorate and their Attitudes towards it. 16/5/2000.

(8) Mosa , Ata M. . The Impact of Environmental Approach on Immediate and long-term Achievement and on Self-concept of 9th Grades Students in

Public Schools in the District of Tulkarm. An-Najah National University, 23/5/2000.

(9) Barakat, Lubna A. .The Effect of Using Cooperative Learning for the current and postponed Achievement of fifth grade students in General Science and their attitudes towards it in Tulkarm District. An-Najah National University, 9/8/2000.

(10) Raddad, Ayman D. The Impact of Using Conceptual Change Strategies on Achievement Motive of Ninth Grade Students in Biology Science and there Immediate and long-term Achievement in Governmental Schools Belonging to the Directorate of Education Tulkarm Governorate. An-Najah National University, 12/8/2000.

(11) Abu Aql Wafa H. . The Impact of using Mental Training Strategy in Micro-teaching Pattern in Immediate and Long Term Achievement and Attitudes and General Self-concept of 9th Grade Students in the Subject of Chemistry and Geology at the Government Schools belonging to the Directorate of Education in Nablus Governorate. 23/12/2000.

(12) Masri, Hayat S. . The Impact of using Vee-mapping Strategy on Achievement of 9th Grade in Biology and their Achievement Motive At U.N.R.W.A Schools in Nablus. 15/3/2002.

(13) Kalbouneh, Ghada R. . The Impact of using Explanatory Approach on Immediate and Long-term Achievement and on Self-concept of 9th Grade Students in Chemistry in Governmental Schools in Nablus Governorate. An-Najah National University, 15/3/2003.

(14) Utair, Bassam Y. . Attitudes of Teachers, Supervisors of Islamic Education and Parents towards Physical Punishment at Schools in Palestine. An-Najah National University, 17/6/2003.

(15) Dauod, Iman K. The Impact of using Critical Learning on Achievement Motive of 9th Grade Students in Physics Science and their Immediate and Long-term Achievement in Governmental Schools belonging to the Directorate of Education Tulkarm Government. 27/1/2004.

(16) Abu-Dallakh, Naelah S. . The impact of using Concept Circle Diagrams Strategy on Achievement, Achievement Motive, and Immediate and Long-Term Test Anxiety of 9th Grade Students in Chemistry and Earth Science in Governmental Schools Belonging to Qabatia, 28/1/2004.

(17) Abu Za'rour , Rana H. . Effect of using Visual Basic Language on 7th Graders Temporary and Delayed Achievement and their Motivation for Achievement in Mathematics Learning, 6/3/2004.

(18) Qadamani, Ammar M. . Musical Ability of Palestinian Public School Students in Nablus Governorate. 7/4/2004.

(19) Abu-Hejleh, Amel.. The impact of using accelerating model on Achievement of Science, Achievement Motive, Self-Concept and Immediate and Long-Term Test Anxiety of 9th Grade Students in Chemistry and Earth Science in Governmental Schools Belonging to Qalqelih, 28/8/2006.

**(B) I am being an internal and external member in (40)
Dissertations:**

(1) Al-Asmar, Naser F. . A study of the Attitudes of Science Teachers at basic and Secondary Schools in District of Nablus towards Instructional Technology. An-Najah National University, 31/12/1996.

- (2) Al Deeb, Majed H. . The Effect of using of Advance Organizers in Teaching Mathematics for the Students of the 10th Grade in Gaza Governorate and their Attitudes towards it. 1/11/1998.**
- (3) Yousef, Wasfi W. . The Impact of two Models of Cooperative Learning Methodin Achievement of 9th Grade Student in Mathematics in Tulkarm Governorate and Attitudes Towards it. An-Najah National University, 2/12/1998.**
- (4) Mustafa, Rasm M. . The Impact of using moderated Strategy for Solving Geyographical Problem on Students ability of 8th Grade for Solving Similar Problems to it at Public Schools in Nablus District. 25/8/1999.**
- (5) Dababat, Ahmed B. Analysis of 10th Graders Errors and the Relation between their Acquisition of the Basic Skills and their Ability to Solve the Mathematical Equations in the Basic Grade . 6/10/1999.**
- (6) Al-Alem, Randa. The Effect of using Different Strategies in Teaching Second basic Grade on Pupils Achievement Level and their Ability in Solving Verbal Addition and Subtraction Word Problems. An-Najah National University,27/10/1999.**
- (7) Awad, Mohammd R. The Effect of Training female student of the Skills of Mathematical Problem Solving through Polya Model at Public Schools in Nablus District. An-Najah National University,11/1/1999.**
- (8) Sukker, Khitam M. . The level of Spatial Abilities for Teachers of Mathematics in general Education in Nablus Directorate. 25/8/1999.**
- (9) Shtayeh, Misadeh S. . Effect of Using Discovery Method in Mathematics on Achievement and Attitudes of Sixth Graders in Nablus. An-Najah National University,11/10/2001.**
- (10) Sulaiman, Iqbal A. . Readability -level of Expository Text-Book Passages for the Six Elementary Grade in Nablus Directorate. 30/1/2002.**
- (11) Odeh Ahmad J. . The Obstacles that face the Usage of Teaching Aids from the Viewpoint of Teachers of Mathematics for the Basic Stage at Public Schools in Nablus District. An-Najah National University,23/3/2002.**
- (12) Hijazi, Wajih. The Training needs for the Teachers of Mathematics in the Government Schools in North Districs of Palestine. An-Najah National University,26/3/2002.**
- (13) Aboushi, Mosub M. The Effect of Computer-Assisted Instruction(CAI) on the Achievement for the 10th Grade of Mathematics and their Attitudes. An-Najah National University,26/3/2002.**
- (14) Musleh, Imran A. .The Impact of a Suggested Traininng Program in Developing Understanding Skill of Reading Comprehension in Arabic Language for Sixth s Grade students in Salfit District. An-Najah National University,7/5/2002.**
- (15) Ishtayeh, Dhirar K. Using the Creative Thinking Skills in Teaching Arabic Language for 6th Basic Grade Pupils in the District of Nablus and their Impact on Achievement and Solving Language Problems. 29/5/2002.**
- (16) Abu Zant, Mahdicar Sh. . The Aspects at School Violence among high Public School Students in Nablus Governorate. 15/6/2002.**
- (17) Abu Ghazaleh, Husam El- Deen, N. . A Contrstive Evaluation Study between the Content of the Palestinian, Jordanian, and Egyptian Curricula in Mathematics for the Sixth Basic Class. An-Najah National University,23/12/2002.**

- (18) Khyat, Ghinna H.. The Effect of using the Calculator in Mathematic on the Achievement of the 9th Elementary Class Student in Nablus. 24/12/2002.**
- (19) Marshood, Jamal M. Developing Proposed Educational Criteria for the Selection of the Teachers at UNRWA Schools in North of Palestine from the Principals, Points of View.11/1/2003.**
- (20) Kasbari, Abeer E. . The Attitudes of Secondary Schools Principals towards Educational Accountability at the northern Governorates of West Bank. 12/1/2003.**
- (21) Tarteer, Ibraheem. Reasons for Underachievement Among students of Basic elementary stages from teachers point of view in Northern Prrovinces of West Bank . An-Najah National University,20/3/2003.**
- (22) Afanah, Wael A. . The Effect of using the Computer as an Educational Teaching Aid in the Achievement of 5th Grade Students in Aunit on Area. 30/3/2003.**
- (23) Al- Hassan, Murad H. . The Effect of Feedback that Providing after the Exam on Academic Achievement in Mathematics at 7th Grade in Qaqilia District. 30/3/2003.**
- (24) Nawahda, Mohammad A. . The effect of Training to Strategy of Solving Mathematical Problem on Academic Achievement and Achievement Motivation, Retention the Information among 10th Grade Students in Government Schools of Jenin, 30/3/2003.**
- (25) Al-Sa eed, Mahasin. Common Mistakes in the four Arithmetic Operations in Fractions and Decimal Fraction Among the 5th and 6th Grade Students in the Governmental Schools in Nablus District. 16/7/2003.**
- (26) Abu-Rub, Samer O. . The Effect of Providing the Students of the Basic 7th Grade with Behavioral Objectives on their Achievements in Mathematics in Governmental Schools in Jenin Area. 16/7/2003.**
- (27) Ghanem, Mohammad G.. The Relationship between the Cognitive Structure and the Acquisition of Knowledge (Academic Attainment) for the 7th Grade Students at ANRWA Schools in Nablus Area (Who are Excellent or Superior at Mathematics). 16/7/2003.**
- (28) Hisham Izzat HamoudehAbu Hamed(2003).The most Common Educational Differences in Teaching English in 5th and 6th Grades as Perceived by English Language Teachers in Northern Districts of Palestine, An-Najah National University.**
- (29) Ahmed, Mazen A. . Student Gender Relation 6th Basic Grade by Acquisition of Concepts and Algebra Skills and the Arithmetic Basic Skills in Jenin Governorate. 25/12/2003.**
- (30) Hamed, Samir W. Evaluation of performance of Mathematics Teacher s from the point view of their Students in Jenin District. An-Najah National University.25/12/2003.**
- (31) Massri, Majed M. . The Effect of Playa s Strategy on the Basic 9th Grade s Ability to Solve the Geometric-Mathematics Problem in the Governmental Schools in Jenin District. 25/12/2003.**

(32) Al Arjah, Khaled H. Effect of Imaginative Teaching on Achievement and Retention of Math Information for Grade Nine Students at UNRWA Schools in Nablus Area. An-Najah National University, 19/5/2004.

(33) Obeid, Ali E. The Impact of using algorithmic maps in Achievement of 10th grade students in Mathematics course in governmental schools belonging the directorate of education in Salfeet governorate and their attitudes toward it. An-Najah National University, 29/9/2004.

(34) Tibi, Manal M. . The Obstacles that he faces the Student of the 10th Grade and their Teachers in a Learning and the Education of the Computer in Nablus. An-Najah National University, 10/1/2005.

(35) Jabr, Wahib Wajih. Effect of using computer on 7th Graders Achievement in Maths and their teachers attitudes towards its use as educational aids. An-Najah National University, 6/6/2007.

T.V. INTERVIEWS:

Tens of interviews where conducted to discuss issues as pertains to: Methods of Teaching , Teaching in Private Schools, and Designing Curricula.

COMPUTER SKILLS:

- (1) E-mail.**
- (2) Internet.**

ACTIVITIES LEAD AND SUPERVISED:

COMMUNITY SERVICES:

(A) EDUCATION / OTHERS:

- (1) Member of**

FUTURE PLANS:

- (1) Managing large educational programmes (at the national and regional levels) including research and development.**
- (2) Initiate and conduct research projects directed towards community development with special emphasis on teacher education, TEVET studies, women studies, curriculum development, staff development, teaching methodology, and information technology.**
- (3) Establish international contacts for the purpose of collaboration, training and development of Palestinian skills in research, TEVET, teacher education and women affairs.**

REFERENCES:

In addition to all of my University Supervisors, including the President of the university :

- (1) Professor Dr. Omar Al sheah**
Department of Curriculum and Instruction
University of Jordan
Amman- Jordan

(2) Dr. Kamal Rashed

**Physics Department –An-Najah National University
Nablus- Palestine.**

(2) More information will be furnished upon your kind request.