

Randa El sheikh Najdi

Associate Professor

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<https://adminportal.qou.edu/employees/srd/empCvAttachmentUpload.qou>: ملف السيرة الذاتية الالكتروني

https://randanajdi.blogspot.com/p/blog-page_2923.html : ملف انجاز الكتروني
<https://scholar.google.com/citations?user=CAnaHo0AAAAJ&hl=en>

Education

- **Ph.D.:** Math Education, Institute of Arab Research & Studies, Cairo, Egypt. Dec. 2009.
- **Master of Education:** Math Education, Institute of Arab Research & Studies, Cairo, Egypt. Dec. 2006.
- **Master of Science:** Pure Mathematics, University of California,.
- **Bachelor of Science:** Pure Mathematics, University of Birzeit, Palestine.

Employment Record

- Al-Quds Open University (1999-Present)
- Wagdi University College of Technology, part time (2011-2012)
- Abu Ghosh High School (1998-1999)
- Birzeit University (1993-1995)
- Schmidt College (1993-1994)
- Al-Quds University (1992-1993)

Scientific Certificates

- Certificate of Completion, **Teacher Educator Enhancement Program (TEEP)**,(2013-2014).
Issued by:Ministry of Education and the AMIDEAST, USAID and Massachusetts University.
- Certificate of Completion, **Leadership and Teacher Development (LTD) Program (2013-2014):**
Issued by: AMIDEAST and the Palestinian Ministry of Education and Higher Education (MoEHE).
- Certificate of Completion: **The Palestinian Faculty Development Program (PFDP)**, **presented for the completion of the “Seminar for Excellence in Teaching (SET)(2009)**, Issued by *Central European University’s (CEU)*

- **Certificate of Completion: *The Distance Learning and E-Learning Training Program (2008)***
Issued by, Ministry of Higher Education in Palestine and the University of Manitoba .

Projects:

Dr. Randa participated actively in many projects, of which:

- Project title: ***Implementing STEAM-Learning in Palestine schools. (2019-2021)***
Description: The project aimed to use new approach to learning that uses Science, Technology, Engineering, Arts and Mathematics as access points for guiding student inquiry, dialogue, and critical thinking, and empower their innovation, education, and to habilitate leaders, and learners of the 21st century. It was Implemented by QOU. Funded by: MoHE and QOU.
- Project title: **Up Grading Teachers Qualification (2016-2019).**
Description : the project aimed to train (1,800) teachers in the West Bank and Gaza Strip to become 21st century **teachers. The** project was implemented in partnership between QOU and Canterbury University in London. **It was funded** by the World Bank, the Palestinian MoHE. and the QOU
- Project title : **Action Research on E-learning in Palestinian School (2015-2016)**
Description: The objective of this project was Action Research to measure the effect of using ICT tools in Palestinian Schools; on understanding the contribution of the innovative learning, and on improving 21st century skills. The project was implemented in cooperation of QOU and Open University of Cyprus. It was funded by Belgian development agency (BTC).
- Project title **Leadership and Teachers' Development Program (LTD) (2014-2015)**
Description. The goal was to provide technical support to over 2500 in-service school teachers(5-9), to implement ICT in Math , Science, and Arabic Education, and to improve the quality policy making and school management by training school principals, supervisors. The project was implemented by the National institution for educational training (NIET) and QOU. It was funded by the AMIDEAST.

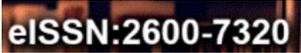
Publication:

- Randa El sheikh Najdi, Abu Maleeq Mohammed, Sabri Rania, Sabbah Thabet : **STEAM Recruitment Approach in The Palestinian Elementary Schools. Accepted in Journal of Al-Quds Open University(2022)**
- Randa El sheikh Najdi & Rajabi Khader (2021): **The Role of Micro Teaching in Relieving Anxiety Among College students.** Journal of Al-Quds Open University for Educational & Psychological Research & Studies Vol. (12) – No. (34) (Special Issue)
<https://journals.qou.edu/index.php/nafsia/article/view/3135>
- Randa El sheikh Najdi(2020): **The Role of Flipped classrooms and On-line Videos to Mastery Learning.** International Multilingual Journal of Science and Technology (IMJST). Vol. 5 Issue 9

ISSN: 2528-9810.

<http://www.imjst.org/wp-content/uploads/2020/09/IMJSTP29120331.pdf>

- Youse Sabah, Thanasis Hadzilacos, Randa Elsheikh Najdi, and Saba Farhana(2020): **e-Learning and ICT in Education at the Palestinian Schools: on the Road for the 21st Century Skills**. The Palestinian Journal for Open Learning & e-Learning Vol 8, No 14
<https://digitalcommons.aaru.edu.jo/cgi/viewcontent.cgi?article=1184&context=jropenres>
- Randa Elsheikh Najdi (2018): **Training Program on Mathematics Online Communication Skills to Overcome Barriers in Communicating Mathematics through Internet**. Palestinian Open Education Palestinian Journal for Open Learning & e-Learning, Vol 6. No: 12.
<https://journals.qou.edu/index.php/jropenres/article/view/1670>
<https://dspace.qou.edu/bitstream/194/1129/1/1670-6031-1-PB.pdf>
- Randa Elsheikh Najdi. (2017): **“RM and RS” The First QOU MOOCs**. International Journal of Development Research Vol,07, issue,05, pp12885-12888.
Open Access: ISSN:2230-9926: (Impact factor:7.012)
<https://doi.org/10.37118>
<http://www.journalijdr.com/archive/201705>
- Randa El sheikh and Samir Najdi, (2013): **Math Keyboard Symbols and its Effect in Improving Communication in Math Virtual Classes**, International Journal of Information and Education Technology (IJJET). Vol. 3, No. 6, pp:638-642, , ISSN: 2010-3689 DOI: 10.7763/IJJET.2013.V3.352
<http://www.ijiet.org/show-43-388-1.html>
- Samir Najdi and Randa El Sheikh (2012): **Educational Games: Do they Make a Difference**, Proscenia Science and Behavioral Sciences Volume 47, Pages 48–51.
<https://www.sciencedirect.com/science/article/pii/S1877042812023488>
- Samir Najdi and Randa Sheikh (2011): **The Impact of (E-Learning) on the Critical Thinking of Al Quds Open University learners**, The Palestinian Open and Distance Educational Magazine Volume 3, No. V, Palestine
<https://journals.qou.edu/index.php/jropenres/article/view/418>
- Samir D. Najdi, and Randa M. El Sheikh (2011): **Multiple Intelligences Theory and its affect in Raising the Van Hiele levels of Thinking**. Journal of Al-Quds Open University for Research and Studies, No 24(2)- July 2011.
<https://journals.qou.edu/index.php/jresstudy/article/view/1173>

- Randa El-Sheikh (2010): **The Effect of Research Based Strategies on raising The Van Heile Levels of Geometric Thinking**: Journal of Al-Quds Open University for Research and Studies, No 19.feb 2010. <https://journals.qou.edu/index.php/jrresstudy/article/view/1074>
- Samir Najdi and Randa El-Sheikh (2009): **The Effects of Investigation Teaching Strategy Based on Multiple Intelligences in Raising the Van Hiele levels of Geometric Thinking**, INTI University College, Malaysia  ,

<http://intijournal.intimal.edu.my>

<https://www.scribd.com/document/80929446/The-Effects-of-Investigation-Teaching-Strategy>

Published Text Books:

- Co-authoring an e-book entitled “Integrative Education Design ” for QOU (2019) <https://dSPACE.qou.edu/contents/5484/unit1/index.html>
- Arbitration of a mathematics text book “ mathematics and its teaching methods 1”(2018)-

Course- Designer:

Course- design and training management : Dr. Randa designed several educational e-courses and MOOCS that were used in schools and high education.

- Designing an on line course titled “**An Integrated learning**” QOU course (2019), for the Learning Resources and Educational Technology specialization, for the faculty of science education at Alqouds Open University.
- **Designing a Communication Skills course (2014)** for QOU Diploma program titled the Advance eLearning skills “Social Media and Google silt”.
- **Developing and Designing an online course of linear algebra (2013-2014)**: the course consists of interactive videos n materials and online exams.

- **Designing and teaching several online courses of Math (2013-2014).**
- **Designing a Training Online Program: Mathematics Communication Skills (2012)** for the math faculty and students.
- **Developing General Math (2009-2010).** It is a basic course for Math specialist
- **Designing two online modules of Applied Statistics for the Virtual University of AVICENNA (2006).** AVICENNA is an ambitious project that aims at creating new community of universities sharing best practices and educational innovation

Trainer: Dr. Randa was a trainer in the following programs

- **(TEEP) program (2013-2014).** It was offered by Ministry of Education (MoE) and AMIDEAST. It provided technical support to over 80 in-service underqualified school teachers in mathematics, From Ramallah and Jennie. It aimed at coaching school teachers to implement ICT in education, and switch their teaching methods from teacher based to students based teaching and learning.
- **Math Online Communication Skills (2013-2014)** for a group of QOU math faculty
- **Program of Basic Skills in the Design of E-courses in Education (2011-2012).** It is one of the OLC training programs, aimed at training teachers to design their own online courses.
- **SPSS course of a group of QOU faculty members (2011).**
- **Modern Trends in E-learning: trainer “1006: e-Learning in high education” (2010)**
- **Modern technology in Math education** for the teachers of Daratefel college (2006) (One of the biggest Jerusalem schools.

Committee membership

1. Member of the Editorial Board of the Palestinian Journal of Open and E-Learning
2. Membership of the “Thematic Groups for Supporting Palestinian Education Programs 2021” committee.

3. Membership of Professional Associations A member of the Editorial Advisory Board of Journal for Critical Education Policy Studies (JCEPS)
4. Steam Forum Coordinator at Al-Quds Open University 2021

Committee membership

- Secretary of the Scientific Research Council at Al-Quds Open University
- Member of the Editorial Board of Al-Quds Open University Journal for Educational and Psychological Research and Studies

Conferences

- **The New Role of E-learning to Bridge the Gap Between Parents and Teachers.** Presented to “The Palestine on Symposium Educational Palestinian: perspectives Towards Sustainability Of E-learning in Palestine” Conference, held in : 2021 April 8 – 7
- **The Experience of Al-Quds Open University in E-learning.** Presented to Queem Rania Institution “Edraak Regional Conference”, Held in Amman (2017).
- **Student-Centered Education and Assessment of 21st century skills:** presented to the scientific conference: Action Research Project to Promote E-Learning in Palestinian Schools (3/18/2015).
- **Teacher Preparation for the twenty-first century.** QOU College of Education conference: Teaching for the new generation Conference (10/4/2016),.
- **E-learning and blended learning: a strategic option for the Arab universities** conference (2012): Philadelphia University Jordan
- **Using E-Assessment Structured Communication Grid Test (SCGT) to Assess High Levels of Thinking Skills (2010).** Palestinian Faculty Development Program (PFDP) & American Scholarship Fund Program (ASFP)(2) AMIDEAST *Academic Colloquium 2010, Building Partnership in Teaching Excellence*, PFDP, Vol:1, pp 52-61. (Ramallah)
- **"The importance of mathematics educational games on the attitudes of learners towards the learning of mathematics from the point of view of the learners and the teachers(2010),** " *The first educational conference of school education in Palestine: The response of the present and envisioning the future*, Hebron, Palestine.

- **The Effects of Multiple Intelligence Theory in Raising the Van Hiele Levels of Thinking of Alquds open university learners.** 1st International Conference of Living Theorists-Howard Gardner' 22-25 may, 2009, Mohomet Akif University/Burdur, Turkey. The Effects of Multiple Intelligence Theory in Raising the Van Hiele Levels of Thinking of Alquds open university learners

-**An Investigation of Van Hiele Levels of Thinking in Geometry among QOU learners.** Mediterranean Conference for Academic Discipline 23-26 march 2009. Central Connection State University, Malta,

-Palestinian Faculty Development Program (PFDP) & American Scholarship Fund Program (ASFP)((2) Amideast (2008, 2009).

-**Future of E-learning** September, 2007, Anadolu University, Turkey.

-**Using Grid Tests To Improve the Math- Proof E-exams.** Palestinian Faculty Development Program (PFDP) & American Scholarship Fund Program (ASFP)((2) Amideast (Ramallah, 2007).
-Leadership, Innovation, and Transformation. March 1996, Paris, France

Awards:

She received a **Teaching Excellence Award** from AMIDEAST as she was recognized as one of the strongly committed faculty members to improve and enhance project management curriculum in higher education