

Curriculum vitae
Prof. Ali Ahmad Al-Barakat



Personal information:

Full name: Prof. Ali Ahmad Al-Barakat

Nationality: Jordanian

Academic rank Full professor from summer 2010.

Scientific degree: Doctor of Philosophy, childhood and elementary education, United Kingdom

Current position: Full Professor of childhood and elementary education/ Department of education/ College of Arts, Humanities and Social Sciences / University of Sharjah / Arab Emirates

Previous position:

- Vice-dean of faculty of education at Yarmouk University (2012 until 2015 & 2018 - 2020).
- Professor of Curricula and teaching methods in the field of childhood and elementary education / Yarmouk University.
- Head of the Childhood Education Curriculum Development Team at the Jordanian National Center for Curriculum Development from 2018 until 2020.
- Member of the evaluation of mathematics curricula in childhood education in the Jordanian National Center for Curriculum

Development from 2018 until 2020.

- Member of evaluating science curricula for childhood education Jordanian National Center for Curriculum Development from 2018 until 2020.
- Member of the Editorial Board of the Jordanian Journal of Educational Sciences from 2019 until now.

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Qualifications

I hold a bachelor degree in education. I have received my bachelor's degree first class honour in Education from Yarmouk University in 1995. I obtained a Master's degree first class honour in curriculum and instruction from the University of Yarmouk in 1997. I received a scholarship to pursue my postgraduate in the United Kingdom. I was awarded the PhD in childhood and elementary education in 2001, from the Department of Curriculum and Instruction at the Huddersfield University in the north England, United Kingdom.

Certificates of Appreciation and Grants

- ❖ Certificate of appreciation from Umm Al-Qura University for the outstanding performance in accomplishing academic work.
- ❖ Certificate of appreciation from Umm Al-Qura University for the active participation in the academic accreditation programs.
- ❖ Honor list of the College of Education / Yarmouk University (1992-1995).
- ❖ Scholarship from the European Union to obtain my PhD from United Kingdom based on my academic excellence.
- ❖ Certificate of appreciation from the Deanship of the College of Education, Yarmouk University, for the outstanding performance in academic tasks.

Managerial experiences:

1. Vice-Dean of the College of Education at Yarmouk University for two sessions from 2012-2015 and 2018-2020.
2. Chairman of the Preparatory Committee for the Conference regarding Education and Higher Education in the Arab World that was held from 1 to 4 April 2019, Yarmouk University.
3. Chairman of the Preparatory Committee for the Conference regarding Special Education and Learning Difficulties in the Arab World, which was held from 22 to 23 April 2013 at Yarmouk University.
4. Head of the Elementary Education Department from 2006 to 2008.

Experience in the field of evaluation

- ❖ Member of the Editorial Board of the Jordanian Journal of Educational Sciences / Yarmouk University for three years.

- ❖ Member of the evaluation of the Educational Excellence Award in the Queen Rania Association for Educational Excellence from 2018 to 2020.
- ❖ Member of the evaluation of the Arabic language, science, mathematics, and childhood curricula at the Jordanian National Center for Curriculum Development from 2018 until 2020.
- ❖ Chair of the committees of evaluating the scientific production of faculty members for academic promotions for various academic ranks from 2018-2019, and 2012-2015.
- ❖ Member of the assessment of national tests in the accreditation department in the field of curricula and teaching methods from 2016-2019.
- ❖ Member of the teacher selection committees in the Civil Service Bureau in the field of curriculum and teaching methods in 2017-2018.
- ❖ Evaluating the academic performance of the model school teachers at Yarmouk University from 2003 until 2020.
- ❖ Member of the Best Teacher Award in the Ministry of Higher Education.
- ❖ Member of the Individuals Evaluation Committee of the Abu Dhabi Food Control Authority (Al Namus Award).
- ❖ Member of the Individuals Assessment and Institutional Performance in the Ministry of Culture and Community Development in the Emirate of Abu Dhabi.
- ❖ Chairman of the Committee for Evaluation and Follow-up of the Institutional Performance of the Arab Open University for the year 2009 in Amman.

Teaching experiences

- ❖ I worked as an elementary education teacher in 1995, then I worked as a practical education supervisor in the field of childhood education and elementary education (teachers trainer) at the Yarmouk University as of 1996 until 1998.

- ❖ I worked as an assistant and associate professor at Yarmouk University (2001 until 2009). In summer 2010, I was promoted to the rank of professorship at the University of Yarmouk.
- ❖ I have worked from 2010 -2020 as a Full Professor of childhood and elementary education curriculum, College of Education, at the Yarmouk University in Jordan, and Umm-Alqura University in Makkah Al-Mukharameh, Saudi Arabia.

Instructional and research experiences

I have more than twenty years of experiences in the area of childhood and elementary education in different fields which include: teaching various courses for both under-graduate and post-graduate students, supervising students in practicum, supervising more than 100 master and PhD theses, discussing more than 150 master and doctorate theses, developing childhood curricula in primary education stage, reviewing master and doctorate theses in the field of teaching and learning, reviewing a variety of articles in international specialized journals.

In addition, I have taught classes in the areas of childhood education, research methodology, science teaching and learning, scientific and community issues in education, and classroom interaction and administration. I have worked collaboratively with faculty from other universities in the Gulf Region and internationally addressing issues of school improvement and educational reform. In terms of service, I have served on numerous committees related to improvement in education, and have participated in many conferences, seminars, and workshops in support of improving education.

Research interest

My research interest concentrates on the area of childhood education, childhood curriculum development, constructivist learning environments , current issues in science education, assessing students' learning, developing children's skills, developing children's learning, developing teaching and

learning environments, and professional development for pre-service teachers.

Taught courses

I have taught plenty of courses in the department of curriculum and instruction in both academic programs (bachelor, master, and PhD programs). These courses include: children's teaching and learning methods, children's development, contemporary trends in childhood education, creative thinking, learning environment, seminar in giftedness and creativity, curriculum planning and development, cooperative learning, innovative pedagogy for children's teaching and learning, issues in educational research ...etc.

Educational research grants

I have been involved in several educational research grants. These were funded by Jordanian economical council, and the educational and psychological research centre at the University of Umm-Alqura, Saudi Arabia.

Publications

I have published more than seventy educational research papers in children's teaching and learning, childhood education, curriculum and teacher education. Some of these can be mentioned as follow:

1. Ennab, Rasha, Al-Shannag, Mamoon & Al-Barakat, Ali. (2020).The efficiency of the PQ4R strategy in understanding the mathematical proof among the primary school female students. **Journal of Education and Practice, 11.**
2. Rula, Qawasmi, Al-Shannag, Mamoon & Al-Barakat, Ali. (2020).The effectiveness of using the KWL strategy in improving the tenth grade's female students' learning of mathematical thinking. **Journal of Educational and Psychological Sciences, Islamic University, 28(1), 749-770.**

3. Al-Barakat, A. & Banihamed, F. (2018). The quality of formative assessment practices in physics learning environments in primary education. **Dirasat, educational Science (Journal of the University of Jordan)**, 45(4).
4. Al-Barakat, A. & Muhidat, R. (2017). the effectiveness of blended learning based on historical approach in improving pupils' understanding of the nature of science and conceptual change in chemistry teaching environments. **Journal of Educational and Psychological Sciences, Islamic University.**
5. Al-Barakat, A. & Wadian, H. (2016). The effect of environmental approach in acquiring science process skills and improving cognitive achievement among **fourth-grade's pupils**. **Dirasat, educational Science (Journal of the University of Jordan)**, 12, 303-320.
6. Al-Barakat, A. & Obido, M. (Accepted for publication). Science teachers' convictions of using the alternative assessment in primary stage pupils' acquisition of practical work skills. **Journal of Educational and Psychological Sciences, Islamic University.**
7. Al-Barakat, A. & Wadian, H. (Accepted for publication). Effectiveness of a program of teaching science based on environmental approach in reinforcing children's environmental awareness. **Jordan Journal of Educational Sciences, Yarmouk University.**
8. Al-Hassan, O. & Al-Barakat, A. (2012). Pre-service teachers' reflections during field experience. **Journal of Education for Teaching: International research and pedagogy**, 38(4), 419-434.
9. Barakat, A. & Al-Nasour, W. (2011) Effectiveness of a computerized instructional unit in developing science teaching and learning in childhood education stage. **Educational Journal**, Al-Kuwait University.
10. Bataineh, Ruba and Al-Barakat, Ali. (2011) Jordanian Early Primary Stage Teachers' Self-Reported Practices to Develop their Pupils' Literacy. **Mediterranean Journal of Educational Studies**, University of Malta, Malta.

11. Al-Barakat, Ali, and Al-Hassan, Omia. (2009). peer assessment as a learning tool for enhancing student teachers' preparation. **Asia-Pacific Journal of Teacher Education, Australia.**
12. Al-Barakat, Ali and Al- Khazali, Tayseer. (2008). Design Criteria of Instructional Illustrations and their Employment in the Teaching/Learning Process of the First Three Primary Grades. **Journal of Umm Al-Qura University for Educational Sciences, Saudi Arabia, 20(1), 84-127.**
13. Rawashdeh, Ibrahim and Al-Barakat, Ali. (2007). The effectiveness of storytelling style in science teaching on the third basic graders learning. **Curriculum and Instruction Journal, Ain Shams University, Egypt, 121, 15-45.**
14. Bataineh, Ruba, Al-Karasneh, Samih, Al-Barakat, Ali, and Bataineh, Rula. (2007) Jordanian Pre-service Teachers' Perceptions of the Portfolio as a Reflective Learning Tool. **Asia-Pacific Journal of Teacher Education, Australia, 35(4), 435-454.**
15. Al-Barakat, Ali and Al-Karasneh, Samih. (2005). The Contribution of School Textbooks in the Early Grades of Education in Preparing Young Children to Become Effective Citizens: Teachers' Perspective. **Journal of Early Childhood Research, Coventry, England, 3 (2), 169 - 191.**
16. Al-Barakat, Ali. (2004). The First Primary Grade Teachers' Understanding of the Effective Instructional Role of Illustrations in Developing Young Jordanian Children's Teaching and Learning. **Dirasat, educational Science (Journal of the University of Jordan), 31(2), 453-463.**
17. Al-Barakat, Ali. (2004). The perceptions of the first three primary grades' teachers of proper instructional planning for improving pupils' environmental awareness. **Journal of Umm Al-Qura University for Educational Sciences, Saudi Arabia, 16(2), 51-92.**
18. Al-Barakat, Ali. (2003). Factors Influencing the Preparation of Student Teachers in the Class Teacher Specialization at Yarmouk University during their Field

Experience. **Dirasat, educational Science (Journal of the University of Jordan), 30(2): 420-432.**