

Curriculum Vitae

Prof. Saleh Alabdulkareem

Full Name : Saleh Abdullah M. Alabdulkareem
Date of birth : 26/ 10 / 1965 (1 / 7 / 1385 H)
Status : Married and a father to four.
Current Position : Professor of Curriculum and Science Education
Department of Curriculum and Instruction
College of Education - King Saud University, Riyadh. Saudi Arabia.

Major Field of Study: Curriculum and Instruction.

Specific Specialty: Science Education.

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Brief biography

- Professor of Curricula and Methods of Teaching Science "Science Education" at King Saud University.
- Member of the Ethics Committee for Scientific Research for the Humanities at King Saud University (2015-2017).
- Vice President of the Ethics Committee for Scientific Research for the Humanities at King Saud University (2017-now).
- Member of the Supervisory Board of the Curricula Charitable Foundation (2017-now).
- Advisor to the Deanship of Graduate Studies for Humanitarian Specializations at King Saud University. (2014-2016)
- Member of the Editorial and Arbitration Board for the Journal of Educational Sciences at King Saud University (2014-2017).
- Member of Editorial & Review Board of the international scientific journal Problems of Education in the 21st Century, ISSN 1822-7864. Lithuania. (2011-now)
- Arbitrator in a number of scientific journals inside and outside the Kingdom.
- An arbitrator for scientific promotions and local and international awards.
- Co-founder of the Center of Excellence for the Development of Science and Mathematics Education at King Saud University, and a member of the Board of Directors.
- Member of the Advisory Committee and the Executive Committee to establish the Saudi Electronic University.
- Member of scientific societies: NARST, NSTA, ASCD, WVSTA, ASTE, GESTEN, SCS.

Academic Qualifications:

- B. Sc – Science (Biology). (1990) “1410H”
Second Excellence Honor Degree, with GPA of 4.51 out of 5.0.
Faculty of Education, King Saud University, Riyadh, KSA.

- M.A in secondary education in the field of science education, (2001) “1421H” with GPA of 4.0 out of 4.0.
Faculty of Education and Human Resources, West Virginia University, USA.
- Doctorate in education in Curriculum and Instruction (Science Education), (2004) “1425H” with GPA of 4.0 out of 4.0.
Faculty of Education and Human Resources, West Virginia University, USA.

Post PhD Qualifications

- Expert in (Using Observatories in School Educational Research), NARO / WVU, USA, 2001.
- Certified Senior Trainer for the Intel Program (Education for the Future) Computer Applications in Education (2005).
- Certificate of professional qualification "academic" from the University of Leeds (Leeds - UK: (2009)
- Post Graduate Certificate in Academic Practice PGCAP King's College London, UK, Dec 2010 (One Year Program) 600 hrs approved by European transfer Credit system (ETCS)
- Leaders in Education Programme Conducted by the National Institute of Education NIE, Singapore, July, 2010
- Certificate of Peer Consultation Program (40 hrs) King Saud University, 2011
- Training Trainers Program (Program Description & Reports) The National Commission for Academic Accreditation & Assessment NCAAA, Riyadh, SA, April, 2010

Career biography

- (2018- now) “1439 AH – now”: Professor of Curricula and Methods of Teaching Science "Scientific Education", Department of Curricula and Teaching Methods, College of Education, King Saud University.
- (2013-2018) “1434-1439 AH”: Associate Professor of Curricula and Methods of Teaching Science "Scientific Education", Department of Curricula and Teaching Methods, College of Education, King Saud University.
- (2007-2012) “1428-1433 AH”: Assistant Professor of Curricula and Methods of Teaching Science "Scientific Education", Department of Curricula and Teaching Methods, College of Education, King Saud University.

Previous Career Experience (before 2007):

2006-2007 (1426-1427H):	General Manager of the Directorate of the General Directorate of Curricula, Ministry of Education.
2004-2006 (1425-1426H):	General Manager of the Directorate of Learning and Education Development; and supervisor of the scientific units in the General Directorate of Curricula, Ministry of Education.
1999-2004 (1419-1425H):	Scholarship to the USA to study the MA and PhD.
1998-1999 (1418-1419H):	Educational Curriculum supervisor in the General Administration of the Educational Supervision, Ministry of Education.
1995-1998 (1415-1418H):	Worked partially in the General Administration of the Educational Supervision, Ministry of Education, in addition to the above-mentioned tasks.
1994-1998 (1414-1418H):	Deputy Director of the Educational Supervision Center in North Riyadh in addition to the educational supervising tasks for science subjects.
1993-1998 (1413-1418H):	Educational supervisor for science, biology, geology and in the educational supervising center in Northern Riyadh.
1993 2nd semester (1413H):	Participated in the experimental program of exploring and caring for the talented students' project as biology and chemistry teacher.
1992 1st semester (1412H):	Participated in the investigative study for the project of exploring and caring for the talented students, as biology and chemistry teacher.

1991-1913 (1411-1413 H): Teacher of Biology in the secondary stage (Alnagashi Secondary School – Riyadh)

Plus, more than 18 training workshops in KSU, and 14 workshops locally and abroad, as trainee. And more than 10 training workshops as trainer.

Scientific Awards:

- Award for Research Excellence in the College of Education for the year (2018) “1438H” for publication in distinguished international journals.
- Research Excellence Award at the College of Education for the year (2013) “1433H”.
- Best Paper Award at the 2008 College Teaching & Learning Conference held in Salzburg, Austria on June 23-26, 2008, for presenting the paper “The Process Of School Science Inquiry From Saudi Science Teachers Perspectives”
- The "Most Creative" award in Intel Teach to the Future Essential Course, Abu Dhabi, UAE (40 hrs). 11-15 Dec 2005.
- The "Most Cooperative" award in Intel Teach to the Future Essential Course, Abu Dhabi, UAE (40 hrs). 11-15 Dec 2005.

Some of achievements and contributions

- Associate consultant with the King Abdullah Institute for Research and Consulting Studies at King Saud University.
- Representing the Center of Excellence for the Development of Science and Mathematics Education in discussing partnerships and alliances with international centers, including:
 - Carl Wieman Science Education Initiative (CWSEI)", at the University of British Columbia, Canada & University of Colorado Boulder, USA.
 - The Centre for Studies in Science and Mathematics Education (CSSME), University of Leeds, UK
 - National Institute of Education, Singapore
 - Texas Regional Collaboratives for Excellence in Science and Mathematics Teaching
 - Center for Science and Mathematics Education, The University of Texas at Austin, USA.
- Representing the College of Education in coordination regarding cooperation and programs within the Kingdom (the Ministry of Education) and abroad (the National Institute of Education in Singapore).
- Formulating a number of projects for the College of Education to partner with local and foreign bodies.
- Principal Investigator for a project supported by the Ministry of Education to evaluate the secondary education system by a research team affiliated with a local expertise house.
- Associate researcher in a number of supported projects that are affiliated with the role of local expertise, in partnerships with foreign researchers.
- Member of the Education Sub-Committee emanating from the Education Committee headed by His Royal Highness the Crown Prince for the years 1426/1427 and 1427/1428 AH (2005/2006 and 2006/2007).
- Organizing the International Workshop for the Center of Excellence for the Development of Science and Mathematics Education at King Saud University, entitled: Development of Science and Mathematics Education: The Global Vision and Partnership, 29-30 / 12 / 1428H (8-9/1/2008).
- Member of the Committee for Examination and Selection of International Science Chains nominated for the Science Development Project in the Gulf States, Arab Bureau of Education for the Gulf States (1427/1428 AH) (2006/2007).
- Organizing the founding workshop for the Center of Excellence for the Development of Science and Mathematics Education at King Saud University 10/1428 AH (10/2007).
- Organizing a workshop (the future of colleges of education in university education in the Kingdom), King Saud University, 1428/1429 AH (2007/2008).

- Organization of the workshop, priorities for scientific research in developing science and mathematics education, King Saud University, 1429/1430 AH (2008/2009).
- Organizing a course "New Strategies in Teaching Science and Mathematics", Center of Excellence for the Development of Science and Mathematics Education at King Saud University, in partnership with the National Commercial Bank, at the Holiday Inn Izdihar Hotel in Riyadh, 19-23/11/1430 AH. (6-10/11/2009)
- Co-Organizer and participant in the "King Saud University Academic Professional Development Program for Teaching Science and Mathematics at the University of Leeds", Leeds, United Kingdom, 28/11 to 3/12/1430 AH (16-21/11/2009).
- Organizing the fifteenth meeting of the Saudi Society for Educational and Psychological Sciences (GESTEN), (Education Development: Visions, Models and Requirements), executive director of the meeting, and a member of the scientific committee (19-20/1/1431 AH). (5-6/1/2010)
- A trainer in the Educational Leadership Training Center, College of Education.
- Teaching at the Training Center for the Military Course at King Fahd Security College.
- Running a scientific session at the International Conference on New Trends in Science Education, sponsored by the University of Izmir, Kusadasi, Turkey, 19-23/9/2011, (20-25/ 10/1432 AH)
- Running a scientific session at the Fourth International Conference on Educational Technology Research, sponsored by the University of Barcelona, Barcelona, Spain, 28-29/11/2014, (6-7/2/1436 AH)
- Running a scientific session at the first conference of Excellence in Science and Mathematics Education: STEM, Center of Excellence for Research for the Development of Science and Mathematics Education at King Saud University, 16-18 / 7 / 1436H (5-7/5/2015).
- Organizing the International Conference (Future Teacher: Preparation and Development) at King Saud University, 23-24/12/1436H corresponding to 5-7/10/2015, and Chairman of the Scientific Committee of the Conference.
- Organizing the panel discussion: "Benefiting from the results and recommendations of the International Conference: "Teacher of the Future: Preparation and Development", College of Education, King Saud University, 25/2/1437 AH (8/12/2015).
- Committee Decision of the Scientific Committee - Science Learning for the Second Conference on Excellence in Science and Mathematics Education: Professional Development, Future Prospects, Director of one of the scientific sessions at the conference, Center for Research Excellence in the Development of Science and Mathematics Education, King Saud University, 13-15/8/1438 AH (10-12/5/2017).
- Member of the Coordinating Committee for Wildlife Protection, the National Authority for Wildlife Protection.
- Committee Decision of the Scientific Committee "for the second field, the axis of teacher preparation and professional growth" for the nineteenth meeting of the Saudi Society for Educational and Psychological Sciences: Strengthening the Saudi personality for a vital society, King Saud University, 8-10/7/1441H, (3-5/3/2020).
- Supervising a large number of master's and doctoral dissertations and graduation projects, and discussing them in the Kingdom's universities.

Previous Experiences and other participations (before 2007):

- Member of the National Family for Science, (1998/1999), (1999/2000) "1418/1419" "1419/1420H".
- Member of the National Family, Planning Committee, (1999/2000) "1419/1420H".
- Participated in two episodes of the television show (*The Educational Field*) about the curricula in the Kingdom, as a representative for General Directorate of curricula, the ministry of education, (1999) "1419H".
- Participated in the AESCO conference to evaluate the suggested curriculum for science and mathematics, as a head of the science team, Bahrain, (1998) "1418H".
- Participated in Arab Bureau of Education for the Gulf States conference to evaluate education technologies in Gulf countries, as Vice chairman of the bureau and acting Chairman, UAE, (1998) "1418H".

- Participated in the meeting of his Excellency the minister of education with the owners of private schools, Taif, SA, (1998) “1419H”, as a representative to the General Directorate of Curricula.
- Participated in the yearly conference of science teachers’ organization in West Virginia and the surrounding states WISTA, (2000) “1420H”, West Virginia, USA.
- Participated in the yearly conference of science teachers’ organization in West Virginia and the surrounding states WISTA, (2002) “1422H”, West Virginia, USA.
- Participated in the yearly conference of science teachers’ organization in West Virginia and the surrounding states WISTA, (2004) “1424H”, West Virginia, USA.
- Represented the Kingdom (ministry of education) in the discussion on the draft articles for standardize forensic science in public education, the Arab Bureau of Education for the Gulf States, Dubai, UAE, (2006) “1426H”.
- Member of the National Families –the Committee of curricula, (2005/2006) “1425/1426H”.
- Member of the National Families – Technical Committee, (2005/2006) “1425/1426H”.
- Member of the National Families – Technical Committee, (2006/2007) “1426/1427H”.

In addition to a large number of workshops and educational and academic visits, inside and outside the Kingdom.

Academic scientific committees

- Committee Decision of the Social Committee, Department of Curriculum and Instruction, College of Education for the years 1429/1430 and 1430/1431 AH (2008/2010 and 2010/2011).
- Deputy Director of the Executive Committee of the Center of Excellence for the Development of Science and Mathematics Education, for the years 1429/1430 and 1430/1431 AH (2008/2010 and 2010/2011).
- Member of the Coordinating Committee for a workshop (the future of university education in the Kingdom), College of Education, King Saud University, 1428/1429 AH (2007/2008).
- Member of the founding committee of the Center of Excellence for the Development of Science and Mathematics Education at King Saud University, 1428/1429 AH (2007/2008).
- Member of the Graduate Studies Committee, Department of Curriculum and Instruction, College of Education, for the years 1428/1429 AH and 1429/1430 AH (2008/2010 and 2010/2011).
- Member of the committee for following up student results and evaluating faculty members at the College of Education for the year 1429/1430 AH (2008/2009).
- Member of the Committee for Training of Educational Leaderships at the College of Education for the year 1429/1430 AH (2008/2009).
- Member of the Field Experiences Committee for Academic Accreditation of the College of Education 1429/1430 AH (2008/2009).
- Committee Decision of the Field Experiences Committee for Academic Accreditation of the College of Education 1430-1433 H (three years) (2009-2012)
- Member of the Schedules Committee, Department of Curriculum and Instruction, College of Education, for the year: 1430/1431 AH (2009/2010).
- Committee Decision of the Schedules Committee, Department of Curriculum and Instruction, College of Education, for the year: 1431/1432 AH (2020/2011).
- Member of the Scientific Committee for the fifteenth meeting of the Saudi Society for Educational and Psychological Sciences, King Saud University, 1430/1431 AH (2009/2010).
- Member of the Preparation Committee for the Kingdom’s participation in the TIMSS 2011 test, King Saud University and the Ministry of Education, 1430/1431 AH (2009/2010).
- Member of the Committee for Attracting Human Resources, College of Education, for the years: 1430/1431 AH, 1431/1432 AH (2009/2010, 2010/2011).
- Committee Decision of the Human Resources Committee in the Department of Curriculum and Instruction (three years).
- Committee Decision of the Human Resources Committee in the College of Education (two years).

- Committee Decision of the Integrated Program Committee for Biology Program, Department of Curriculum and Instruction (two years).
- Member of the faculty educational affairs committee (three years).
- Member of the Teaching Assistants' Committee in the college (two years).
- Member of the committee for determining admission numbers for graduate studies in the college (two years).
- Adviser to the Deanship of Graduate Studies for Humanitarian Programs at the University, 1435/1436 AH (2014/2015).
- Committee Decision of the Committee for Graduate Studies Programs for Humanitarian Colleges at King Saud University, 1435/1436 AH (2014/2015).
- Member of the Student Affairs Committee for Postgraduate Studies, King Saud University, 1435/1436 AH (2014/2015).
- Member of the Academic Programs Committee, College of Education, 1435/1436 AH (2014/2015).
- Committee Decision of the Academic Programs Committee, Department of Curriculum and Instruction, 1435/1436 AH (2014/2015).
- Member of the Coordinating Committee for Parallel Education at the College of Education, Member and Committee Decision of the Science Education Program, 1435/1436 AH (2014/2015).
- Member of the Teaching Assistant and Lecturers Committee, Department of Curriculum and Instruction, 1435/1436 AH (2014/2015).
- Committee Decision of the Teaching Assistant and Lecturers Committee, Department of Curriculum and Instruction for the years: 1438/1439, 1439/1440, 1440/1441 AH (2017/2018, 2018/2019, 2019/2020).
- Committee Decision in Science Education Track, Department of Curriculum and Instruction, for ten years, until the end of 1441 AH (2020).
- Member of the Ethics Committee for Scientific Research for the Humanities at the University, for the years 1437/1438 and 1438/1439 AH (2016/2017 and 2017/2018).
- Vice President of the Ethics Committee for Scientific Research for the Humanities at the University, 1439 AH to date (2018-now).
- Member of the committee for the comprehensive examination of the PhD in the science education track in the Department Curriculum and Instruction since 1429 AH to date (2008-now).

Teaching experiences for courses

No	Courses taught	Level	Entity
1	Computer and its educational applications	Semester course for educational supervisors	King Saud University / Training Center, College of Education
2	Curriculum and Instruction	Semester course for schools principles	King Saud University / Training Center, College of Education
3	Curriculum and Instruction	Semester military course	King Fahd Security College / Training Center
4	Teaching methods	Semester military course	King Fahd Security College / Training Center
5	CI 352: Biology Teaching Methods	Bachelor	King Saud University / College of Education
6	CI 500: Curriculum foundations	Master	King Saud University / College of Education
7	CI 528: Secondary school curriculum	Master	King Saud University / College of Education
8	CI 540: Recent trends in science curricula and its teaching	Master	King Saud University / College of Education
9	CI 541: Science curricula in the Kingdom of Saudi Arabia and methods of teaching them	Master	King Saud University / College of Education
10	CI 543: Knowledge "Science" of Muslims	Master	King Saud University / College of Education
11	CI 5431: Introduction to the history and nature of science	Master	King Saud University / College of Education
12	CI 544: Fundamentals of Science Education	Master	King Saud University / College of Education

13	CI 546: Information and communication technology in science curricula and education	Master	King Saud University / College of Education
14	CI 547: Science curricula building and analysis	Master	King Saud University / College of Education
15	CI 549: Advanced methods of teaching science	Master	King Saud University / College of Education
16	CI 573: Preparation of a Research Plan (Master)	Master	King Saud University / College of Education
17	CI 599: Research Project (Master)	Master	King Saud University / College of Education
18	CI 600: Thesis (Master)	Master	King Saud University / College of Education
19	ENVS 541: Computer and its applications in the field of the environment	Master	King Saud University / College of Science
20	ENVS 591 Symposium (Master of Environmental sciences)	Master	King Saud University / College of Science
21	ENVS 599: Research Project (Master of Environmental sciences)	Master	King Saud University / College of Science
22	CI 641: Entrances in science education and learning	Doctorate	King Saud University / College of Science
23	CI 643: Applications of cognitive learning theories in scientific education	Doctorate	King Saud University / College of Education
24	CI 644: The nature of science and its philosophy	Doctorate	King Saud University / College of Education
25	CI 645: Sociology of Sciences	Doctorate	King Saud University / College of Education
26	CI 646: Panel discussion on research in science teaching	Doctorate	King Saud University / College of Education
27	CI 647: Independent study in Science Education	Doctorate	King Saud University / College of Education
28	CI 698: Preparation of a Research Plan (PhD)	Doctorate	King Saud University / College of Education
29	CI 700: Dissertation (PhD)	Doctorate	King Saud University / College of Education

Supervising scientific theses:

- Supervisor of fourteen (14) master's theses in the Department of Curriculum and Instruction, College of Education, King Saud University, to date.
- Supervisor of ten (10) master's graduation projects in the Department of Curriculum and Instruction, College of Education, and the Environmental Sciences Program at the College of Science, King Saud University, to date.
- Supervisor of eight (8) PhD dissertations in the Department of Curriculum and Instruction, College of Education, King Saud University, to date.
- Discussion of twenty-nine (29) Master's theses in the Department of Curriculum and Instruction, College of Education, King Saud University, and in other Saudi universities to date.
- Discussion of fifteen (15) Ph.D. dissertations in the Department of Curriculum and Instruction, College of Education, King Saud University, and in other Saudi universities to date.

Scientific arbitration

- Arbitration of a large number of research projects supported by the Arab Bureau of Education for the Gulf States, King Abdulaziz City for Science and Technology, the Ministry of Education, the Ministry of Higher Education and other bodies, including the arbitration of student research in competitions and scientific conference papers.
- Arbitrator for a number of academic promotions for faculty members in Saudi universities.
- Referee for a number of local and international journals, and for scientific projects, research and books inside and outside the Kingdom.
- Judging in an international scientific competition: Sheikha Fadia Saad Al-Sabah's Scientific Innovations Competition (Ibtikar) "Sheikha Fadia Saad Al-Sabah's Initiative for Scientific Innovations (Ibtikar) / Kuwait" at the level of the Ministries of Education in Gulf countries / Female Students of Public Education, Kuwait at: 5-6/7/1436 AH (24-25/4/2015).
- Judging in the Rashid Bin Hamid Award for Culture and Science in the 37th session, Ajman, United Arab Emirates, 2020.

Research:

Research in Arabic:

1. Alabdulkareem, Saleh Abdullah and others, (co-author) (2009) (1430H). Science Book for the second grade of adult education in the Kingdom of Saudi Arabia, Ministry of Education, Riyadh. (A school textbook).
2. Alabdulkareem, Saleh Abdullah and others, (co-author) (2009) (1430H). Science Book for the third grade of adult education in the Kingdom of Saudi Arabia, Ministry of Education, Riyadh. (A school textbook).
3. Aljebreen, Norah Abdullah & Alabdulkareem, Saleh Abdullah (2017). Role of female teachers in formation of wrong perceptions within female students of intermediate schools in Riyadh, International Journal for Research in Education, 41 (1), 201-238
4. Alshaya, Hala S. & Alabdulkareem, Saleh A. (2018) "1438". The Mastery Extent of Students' Graph Skills at Physics Department in Princess Norah Bint Abdulrahman University, Journal of Educational and Psychological Sciences. 10 (1), 245-309.
5. Bin Bakheet, Tahani S. & Alabdulkareem, Saleh A. (2017). Obstacles of science teacher's use to 5e's learning cycle incorporated within McGraw-Hill series at primary stage in Riyadh, (Poster, unfinished paper), the second conference of Excellence in Science and Mathematics Education: Career development - future prospects, Center of Excellence for Research for the Development of Science and Mathematics Education at King Saud University, Riyadh, Saudi Arabia, 13-15 /8/1438H (9-11/5/2017).
6. Bin Bakheet, Tahani S. & Alabdulkareem, Saleh A. (2017). Obstacles of science teacher's use to 5e's learning cycle incorporated within McGraw-Hill series at primary stage in Riyadh, International Interdisciplinary Journal of Education, Jordanian Psychology Association. 6 (4), 23-40
7. Alnofel, Zead M. & Alabdulkareem, Saleh A. (2017) The skills of authenticating the information of secondary and intermediate school teachers in Riyadh city, Journal of Scientific Research in Arts (Social and Humanities) Faculty of Women, Ain Shams University. 18 (5), 621-645.
8. Alotaibi, Abdullah H. & Alabdulkareem, Saleh A. (2016) Saudi secondary school (courses system) extent in achieving its goals from students' perspectives, Journal of Scientific Research in Arts (Social and Humanities) Faculty of Women, Ain Shams University. 17 (1), 651-677
9. Alabdulkareem, Saleh Abdullah M. (2013) "1433". Saudi secondary school (courses system) extent in achieving its goals from students' perspectives, Journal of Educational Sciences, King Saud University. 25 (2), 413-444.
10. Alharbi, Nadi & Alabdulkareem, Saleh (2009). Evaluating the content of biology textbooks for the secondary stage in the Kingdom of Saudi Arabia according to environmental issues, Scientific Journal (Faculty of Education) Mansoura University, Egypt. 56 (1), 251-310.
11. Alabdulkareem, Saleh Abdullah (2012). The reality of science teachers' use of computers in middle school in Riyadh and obstacles to using it, Reading and Knowledge Journal, Egyptian Society for Reading and Knowledge. 137, March 2013.
12. Alsherhri, Mohammed Jaber & Alabdulkareem, Saleh Abdullah (2016). The current situation of the implementation of the program of school laboratories activation in the educational process in Riyadh city (Poster- unfinished paper), the seventeenth meeting of the Saudi Society for Educational and Psychological Sciences (GESTEN), Educational integration between general and higher education, Riyadh, Saudi Arabia, 21-23/5/1437H (1-3/3/2016).
13. Alsherhri, Mohammed Jaber & Alabdulkareem, Saleh Abdullah (2016). The current situation of the implementation of the program of school laboratories activation in the educational process in Riyadh city, The Journal of Education and Psychology Research, Saudi Educational & Psychology Association. 53, 89-117.
14. Alabdulkareem, Saleh Abdullah (2012) "1433". (Translator). Science: Key Concepts in Philosophy, by Steven French, Continuum (2007). King Saud University: General Administration for Publishing and Printing Presses (a refereed translation of a book published by the University's Scientific Council).
15. Alabdulkareem, Nada Aqeel Abdulaziz & Alabdulkareem, Saleh Abdullah M. (2016) "1438". The Level of Student Involvement in the Advanced Science Textbook for the 6th Grade, Journal of Educational Sciences, King Saud University. 28 (3), 475-500.
16. Alabdulkareem, Saleh Abdullah & Albahooth Norah (2015). The degree of knowledge and application of science teachers to effective reading methods in the science textbook for the first intermediate grade. The First Excellence Conference in teaching and learning of science and mathematics: STEM, 5-7 May, 2015, King Saud University, Riyadh, Saudi Arabia.
17. Alharbi, Mona Rabeh; Aljaber, Luluah Ahmed; Alabdulkareem, Saleh Abdullah & AlAhmad, Nidal Shaaban (2020). An Evaluation Study of Research Books Analyzing the Content of Science Books in the Light of Science and Engineering Practices: Elementary Stage. (Completed and under publication procedures)
18. Alharbi, Mona Rabeh; Aljaber, Luluah Ahmed; Alabdulkareem, Saleh Abdullah & AlAhmad, Nidal Shaaban (2020). An Evaluation Study of Research Books Analyzing the Content of Science Books in the Light of Science and Engineering Practices: Middle and High Stages. (Completed and under publication procedures)

Research in English:

1. Pyle, E. J., Fetter, M., & Pickard, D., **Al-Abdulkareem, S.** (2002). Constructing a firm foundation for science teaching and learning in inclusive settings: A novel format discussion of research on students with special needs. Paper presented at the 2002 Annual Meeting of the National Association for Research in Science Teaching NARST, New Orleans, LA, USA.
2. Saleh A. Alabdulkareem (2008). The Process of School Science Inquiry from Saudi Science Teachers perspectives, the 2008 College Teaching & Learning Conference (TLC), Salzburg, Austria - June 23-27, 2008, EABR & TLC Conference Proceedings ISSN Number: 1539-8757.
3. Saleh A. Alabdulkareem (2009). Investigating Science Teachers Beliefs about Science and Teaching: Struggles in Implementing Science Education Reform in Saudi Arabia. DDM Verlag Dr. Muller Aktiengesellschaft & Co. KG, Germany, ISBN: 978-3-639-0745801, 2009 (Published Thesis).
4. H. Alhadlaq, F. Alshaya, **S. Alabdulkareem**, K. K. Perkins, W. K. Adams, and C.E. Wieman. (2009). Measuring Students' Beliefs about Physics in Saudi Arabia, Physics Education Research Conference, July 29- 30, 2009 in Ann Arbor, MI at the University of Michigan, AIP conference proceedings (Volume 1179, pp. 69-72). Issue date 5 November 2009. American Institute of Physics AIP Press (Published and ISI-indexed).
5. Wendy. K. Adams, Hisham Alhadlaq, Christopher V. Malley, Katherine K. Perkins, and Jonathan Olson, Fahad Alshaya, **Saleh Alabdulkareem**, Carl W. Wieman (2009). Challenges Of Making On-Line Physics Course Materials Accessible Worldwide, 14th International Workshop on Multimedia in Physics Teaching and Learning, 23-25 September 2009, University of Udine, Italy. (conference paper)
6. Alhadlaq, H, Alshaya, F., **Alabdulkareem, S.**, Wieman, C. E., Adams, W. K. and Perkins. (September, 2009). "Challenges of Making on-line physics course materials accessible worldwide". 14th International Workshop on Multimedia in Physics Teaching and Learning – (MPTL14) Udine, Italy. September 23-25, 2009. Italian Physical Society in "Il Nuovo Cimento C" (associated Journal to European Physical Journal) (Published paper).
7. H. Alhadlaq, Kathy Perkins, Carl E. Wieman, Wendy Adams, Fahad Alshaya, **Saleh Alabdulkareem**. (February, 2010). "Beliefs about Physics in Saudi Arabia Before and After Instruction". American Physical Society (APS) & American Association of Physics Teachers (AAPT) (Winter) Meeting, Joint conference- Washington, DC. USA. February 13-17, 2010.
8. K. Perkins, H. Alhadlaq, W. K. Adams, F. Alshaya, **S. Alabdulkareem**, C. E. Wieman. (July, 2010). "A CLASS Study of Student Perceptions of Physics in Saudi Arabia and the U.S." American Association of Physics Teachers (AAPT), Summer Meeting. Portland, OR, USA. July 17-22, 2010.
9. H. Alhadlaq, F. Alshaya, **S. Alabdulkareem**, K. K. Perkins, W. K. Adams, and C.E. Wieman (2009). Measuring Students' Beliefs about Physics in Saudi Arabia, Physics Education Research Conference, July 29- 30, 2009 in Ann Arbor, MI at the University of Michigan, AIP conference proceedings (Volume 1179, pp. 69-72). Issue date 5 Nov. 2009.
10. Alzaghibi, Mohammed & Alabdulkareem, Saleh (2011) The Feasibility of Two Approaches to Examining Science and Mathematics Instructional Materials, Fourth International Conference on Science and Mathematics Education CoSMEd 2011, Penang, Malaysia, 15 – 17 November 2011.
11. Wendy K. Adams, Hisham Alhadlaq, Christopher V. Malley, Katherine K. Perkins, Jonathan Olson, Fahad Alshaya, **Saleh Alabdulkareem**, and Carl E. Wieman (2012). Making On-Line Science Course Materials Easily Translatable and Accessible World Wide: Challenges and Solutions. Journal Of Science Education and Technology (JOST), February 2012, Volume 21, Issue 1, pp 1-10.
12. Alabdulkareem, Saleh Abdullah (2012). Graduate students' views of learning (Extended Abstract), International Journal of Arts and Sciences' (IJAS), Spring 2012 European Conference for Academic Disciplines, Gottenheim, Germany, 8-12 April, 2012.
13. Alabdulkareem, Saleh (2011). Science, Fact, and Absolute Truth: Critical Views of Learning (Unfinished paper). The international conference on science education; World Conference on New Trends in Science Education (WCNTSE), Kuşadası-Turkey on 19 - 23 September 2011.
14. Alabdulkareem, Saleh (2012). Science, Fact, and Absolute Truth: Critical Views of Learning. Paper presented in 3rd World Conference on Learning, Teaching & Educational Leadership (WCLTA 2012) Brussels, Belgium 25-28 October 2012. Published in Procedia - Social and Behavioral Sciences (ISSN: 1877-0428) indexed on the Science Direct, Scopus and Thomson Reuters.
15. Alabdulkareem, Saleh (2013). "Reforming or Developing Science Education? Saudi Experience of Adopting American Science Textbooks?" in Global Conversations in Science Education Conference in San Antonio, Texas, April 11, 2013 "Balancing Rigor and Instructional Choice: Impact of National Curricula and Reforms", National Science Teacher Association (NSTA) (April 11–14, 2013), San Antonio, Texas US.

16. Alabdulkareem, Saleh Abdullah (2015). Exploring the Use and the Impacts of Social Media on Teaching and Learning Science in Saudi, in 4th World Conference on Educational Conference on Educational Technology Researches (WCLTA 2014), 28 - 29 November 2014, University of Barcelona, published in: *Procedia - Social and Behavioral Sciences* (182): 213–224, and available on: Science Direct.
17. Alabdulkareem, Saleh (2015). The Impact of Science Teachers' Beliefs on Teaching Science: The Case of Saudi Science Teachers, in 2015 International Symposium on Teaching, Education, and Learning-Winter Session (ISTEL 2015), 4 - 6 February 2015, Hawaii, USA. (Unfinished paper)
18. Alabdulkareem, Saleh (2016). The Impact of Science Teachers' Beliefs on Teaching Science: The Case of Saudi Science Teachers, *Journal of Education and Learning*, Canadian Center of Science and Education; Vol. 5, No. 2: 233-249.
19. Alabdulkareem, Saleh Abdullah. (2017). Saudi Science Teachers' Perceptions of Implementing Inquiry in Science Class. *Journal of Education and Training Studies*, Vol. 5, No. 12: 67-78.
20. Alabdulkareem, Saleh A. (2018). Social Media in Education: The Absent Attendee, *Problems of Education in the 21st Century* 76 (5), 583-586.

Public Lectures (in Arabic):

1. A lecture entitled: “Aspects of the Curriculum Missing from the Life of Society” in the Interim Curriculum Forum: Toward an Investigated Approach to Learning, which was held in Bisha, Saudi Arabia on Wednesday 6/21/1434 AH. (2/5/2013).
2. A lecture entitled: “Reflections on the construction school and its applications in learning and teaching” in the Interim Curriculum Forum: Toward an Investigative Approach to Learning, which was held in Shaqra, Saudi Arabia, on Saturday 7/8/1434 AH (16/6/2013).
3. A lecture entitled: “The effect of translating terms in science education on its learning” in the weekly discussion session of the Center for Research Excellence in the Development of Science and Mathematics Education, College of Education, King Saud University, Riyadh, on: 10/01/1436 AH. (03/11/2014).
4. A lecture entitled: “Fundamental principles in postgraduate research” in the weekly discussion session of the Center for Research Excellence in the Development of Science and Mathematics Education, College of Education, King Saud University, Riyadh, on: 04/05/1436 AH. (23/02/2015).
5. A lecture entitled: “Heuristics in the investigative approach” in the weekly discussion session of the Center for Research Excellence in the Development of Science and Mathematics Education, College of Education, King Saud University, Riyadh, on: 20/05/1437 AH. (29/02/2016).
6. A lecture entitled: “Research Ethics for Human Studies: Importance and Definition of the Commission” in the weekly discussion session of the Center for Research Excellence in the Development of Science and Mathematics Education, College of Education, King Saud University, Riyadh, on: 14/08/1438 AH. (13/03/2017).
7. Alabdulkareem, Saleh Abdullah (2018). Developmental visions for teacher preparation programs in the College of Education, the first session "Developing Bachelor's programs and preparing the educational practitioner", the fourth scientific meeting for the topic: "Developing academic programs" in the series of meetings for the initiative "Transforming the roles of the College of Education according to the Kingdom's vision 2030", King Saud University, Riyadh Tuesday: 1/8/1439 AH, corresponding to: 4/17/2018.
8. Alabdulkareem, Saleh Abdullah (1437 AH). “Peer Consulting: A New Horizon in the Development of Academic Performance”, a workshop for faculty members at the College of Education, King Saud University, on Tuesday 11/3/1437 AH corresponding to 12/23/2015.
9. Alabdulkareem, Saleh Abdullah (1440 A.H.). Participation with a paper "Comments on the papers presented at the College of Education Forum for Quality Papers on the topic: Entries and strategies for sustainable professional development for teachers and teachers of teachers", which is held at the College of Education at King Saud University, on: Tuesday 20/11/1429 AH, corresponding to 11/18/2008.
10. Alabdulkareem, Saleh Abdullah (1440 A.H.). Participation in the 84th meeting of the Saudi Society for Educational and Psychological Sciences (GESTEN), entitled: “Teacher Rehabilitation, the Right of the Learner: Experiences and Experiences”, College of Education, King Saud University, Thursday 24/1/1440 AH, corresponding to: 4/10/2018.

In addition to other papers presented at conferences, workshops and public lectures.

Previous Courses and Scientific and Educational Programs (before 2007):

- A course in school management (32 hours) in Da'wa and Communication Faculty, Al Imam Mohamed Ibn Saud Islamic University. (1991) “1411H”.
- Program of using observatories in school educational research WVU/NARO, U.S.A, (2001) “1421H”.

- Training program (leading to a new era) Gulf countries educational training Center, Qatar, (2005) “1425H”.
- Intel training program (education for the future) Intel/ Higher College of Technology, Abu Dhabi (with certificate of senior trainer), 2005.
- Course (skills and styles of employees' stimulation, General Administration of Training/*Asaleeb Training Center*, Riyadh, (2006) “1426H”.
- Course (Total Quality Management) General Administration of Training/ Future technology Company, Riyadh, (2006) “1426H”.

Books and Scientific Researches (before 2007):

1. Alabdulkareem, Saleh Abdullah and others, (co-author) (1998) “1418H”. Science textbooks for public intermediate schools in Saudi (6 books “grades 7-9, 2 semesters”) (School textbooks).
2. Alabdulkareem, Saleh Abdullah and others, (co-author) (1999) “1419H”. Science textbooks for public primary schools in Saudi (6 books “grades 1-6”) (School textbooks).
3. Wild plants encyclopedia in the central region of the Kingdom (suspended).
4. Enlightenment research about the danger and control of drugs and (prepare private curriculum arrangements for drug fighting consolidation and preparing educational evidences for teaching staff and the accompanying training portfolios) the national committee for Narcotics Control/*Nahaj* for Educational Consultancies (Associate Researcher), (2007) “1427H”.

Unpublished Papers (in English) (before 2007):

* The papers represent some interests, but not published research.

1. Human brain, abilities and functions – How we learn?
2. Students with special needs in science class.
3. Who is the “disabled student?”: In a way of international definition for Obstruction in education. A part of a research presented to the yearly conference of NARST organization, New Orleans, U.S.A, (2001) “1421H”.
4. The Embarrassed Education (the Reality of Vocational Education in the Kingdom and its aspirations).
5. The development of education in the Kingdom: A Historical Review.
6. Educational Restructuring in Australia: a Review of the reality of the Australian Education and its aspirations in comparison with the education in Saudi Arabia.
7. Descriptive analytical study on teaching bilingual children dual language and curriculum: Reality of teaching Saudi children in Morgantown, West Virginia. (A study combining of the public American school curriculum and the Saudi school curriculum).
8. The Australian educational efforts in restructuring science curricula.
9. Mother land, a suggested unit for the fifth elementary class, "CATS" Model.
10. The size of classroom and its relation with students learning level.
11. Personality or an active teaching method? My view to the essence of successful teaching.
12. Educational Software and their use in education: How we choose software and how we use them.
13. Developing a science curriculum for a new generation: an exploring view to what should education be in the year 2020.
14. Child as a participant in curriculum building: a view to the education through the philosophy of John Dewey.

15. Pragmatism in American education: a reading in John Dewey Philosophy.
16. Good education: what are the aims of education? A historical study from Plato to the 21st century, searching for an answer to the question: who is the educated person?

Committee Memberships and Scientific Organizations:

- Member of the Science Educators Organization in West Virginia - USA - WVSTA, years: 2000-2004, 2017 - to date.
- Member of National Science Teachers Association NSTA -USA-, 2000-2005, 2011-2018.
- Member of the National Organization for Research in Science Education -USA- NARST, years: 2001-2016.
- Member in Supervision and Curriculum Development Organization -USA- ASCD, years: 2000-2019.
- Member of the Educational Organization for Science Teachers -USA- AETS (now ASTE), years: 2001-2004.
- Member of the Board of Directors of the Center of Excellence for the Development of Science and Mathematics Education (ECSME), King Saud University –Saudi-, years: 1429-1433 AH (2008-2012).
- Member of the Saudi Society for Educational and Psychological Sciences (GESTEN), King Saud University –Saudi-, years: 1426- to date. (2005-now)
- Member of the Saudi Charitable Society for Cancer Control SCS, Riyadh –Saudi-, years: 1429-1435 AH (2008/2014).
- Member of West Virginia State University National Alumni Association, Morgantown, WV, USA, 2004-to date.
- Member of King's Alumni Community, London, UK, from 2010- to date.
- Member of National Institute of Education (NIE) Alumni, Singapore, from 2010-to date.