

Reem A. M. Alebaikan, PhD

Professor of Computer Education

Research Interests

Computer Education, E-learning, Blended Learning, Scientific Research Ethics, OER

Education

- PhD in Computer Education (Blended Learning), 2010, University of Exeter, UK
- MSc in Educational Research, 2008, University of Exeter, UK
- MEng in Computer Sciences, 2001, University of Colorado, Boulder, USA
- BSc in Computer Information Systems, 1998, University of Regis, Denver, USA
- Associate Degree in Computer Application, 1997, King Saud University, Riyadh, KSA

Awards and Grants

- Project Grant – Rubrics e-System, 2021, The Vice Rectorate for Educational and Academic Affairs, KSU
- Project Grant – Excellence in Teaching and Learning, 2017, CELT, KSU
- Distinguished Vice-Head of Department Award, 2012, Social Sciences Deanship, KSU
- Research Grant – Raed Project, 2012, Scientific Research Deanship, KSU
- Post-Doctoral Scholarship from British Council 2011, University of London, UK
- Distinction Award – PhD, 2010, Saudi Cultural Attaché, UK
- Merit Award – MSc, 2008, University of Exeter, UK
- Magna Cum Laude Award - BSc, 1998, University of Regis, Denver, USA

Academic Experiences

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| 2022 – Present | Professor, Computer Education, Curriculum & Instruction Dept., College of Education, KSU |
| 2017 – 2022 | Associate Professor, Computer Education, Curriculum & Instruction Dept., College of Education, KSU |
| 2011 – 2017 | Assistant Professor, Computer Education, Curriculum & Instruction Dept., College of Education, KSU |
| Summer 2011 | Academic Visitor – University of London, London Knowledge Lab, UK |
| 2003 – 2007 | Lecturer, Computer Education, Curriculum & Instruction Dept., College of Education, KSU |
| 2002 – 2003 | Lecturer, Information Technology Dept., College of Computer and Information Sciences, KSU |

Professional Experiences

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| 2022 – Present | Member – Editorial Board, Journal of Educational Sciences, KSU |
| 2022 – Present | Director – The Promisers in University Teaching (3), CELT, KSU |
| 2020 – 2022 | Consultant – Centre of Excellence in Teaching and Learning (CELT), KSU |
| 2020 – 2021 | Chair – Tech. team, developing teacher's preparation prog. upper elementary levels (Math, Sci. & Tech.) |
| 2019 – 2020 | Director - The Promising Ambassadors in University Teaching, KSU |
| 2018 – 2019 | Director - The Promising in University Teaching (2), CELT, KSU |
| 2017 – 2019 | Member - Social Sciences Research Centre Council, KSU |
| 2016 – 2019 | Consultant- Digital Technology Curriculum Standards, ETEC |
| 2015 – 2016 | Member - E-Learning Female Pioneers, Ministry of Education |

Address:

Curriculum & Instruction Dept.
College of Education
King Saud University (KSU)
P.O Box 7695 Riyadh 11472
Kingdom of Saudi Arabia

Email:

ebaikan@ksu.edu.sa

Mobile:

+966505270264

Website:

<http://fac.ksu.edu.sa/ebaikan>



ResearchGate



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|-------------|--|
| 2012 – 2014 | Vice-Dean- Student Affairs Deanship, KSU |
| Summer 2014 | Consultant- Blended Learning Project, Labour Ministry |
| Summer 2013 | Director - Summer Gifted Program for Female Students, MAWHIBA |
| 2011 – 2012 | Vice-Chair - Department of Curriculum & Instruction, KSU |
| 2009 – 2014 | Reviewer - British Journal of Educational Technology, UK |
| 2007 – 2009 | Consultant - National Centre for E-learning NELC |
| 2006 – 2007 | Chair - Computer Unit, Social Studies Colleges, KSU |
| 2001 – 2002 | Researcher - Immersive Visualization Centre, University of Colorado, Boulder |

Publications *(selected)*

- Alebaikan R, Alajlan H, Almassaad A, Alshamri N, Bain Y. (2022). Experiences of Middle School Programming in an Online Learning Environment. *Behavioral Sciences*. 12(11): 466.
- Alebaikan, R. (2022). Translated book into Arabic, "Essentials of Blended Learning: A Standard-based Guide", by Jared Stein, Charles R. Graham
- Alebaikan R. (2022). Competencies of Online Teaching among Computer Female Teachers. *Journal of Education Studies*. 2(30).261-308.
- Alhudaib, S. & Alebaikan, R. (2022). The Level of Computer Teacher's Teaching Practices for Developing Critical Thinking Skills for High School Female Students. University of Tabuk Journal for Humanities and Social Science. 2(1). 31-54.
- Alebaikan, R., Alenzi, M., Faqehi, A., & Aljowaid, M. (2022). National Standards of Computational Thinking and Programming in Computer and Information Technology Textbooks in the Kingdom of Saudi Arabia: Content Analysis. *Journal of Educational Sciences, Prince Settam Bin Abdulaziz University*. 9(1). 360-389.
- Alebaikan, R. (2022). Development of Self-Learning Skills Measurement for University Students. College of Education Journal. Mansoura University.117(1). 19-86.
- Alebaikan, R., Bain, Y. & Cornelius, S. (2020) Experiences of distance doctoral supervision in cross-cultural teams, *Teaching in Higher Education*, DOI: 10.1080/13562517.2020.1767057
- Aljowaed, M. & Alebaikan, R. (2018). Training Needs for Computer Teachers to Use and Teach Computational Thinking Skills. *International Journal for Research in Education*. 42(3). Available at: <https://scholarworks.uaeu.ac.ae/ijre/vol42/iss3/8>
- Alkhalifah, N. & Alebaikan R. (2019). Content Analysis of Computer and Information Technology Books for Secondary Stage in Saudi Arabia based on Dimensions of Digital Citizenship of Common-Sense Education. *Arabian Gulf Journal: Abegs*. 151:37-56.
- Alebaikan, R. (2016). Online and Face-to-Face Guest Lectures: Graduate Students' Perceptions. *Learning and Teaching in Higher Education: Gulf Perspectives. Zaid University: UAE*, 13(2). <http://dx.doi.org/10.18538/lthe.v13.n2.229>
- Alebaikan, R. & Alsumairi, L. (2016). Attitudes of Female Graduate Students in King Saud University towards Scientific Digital Integrity. *Journal of Educational & Psychological Sciences. Bahrain University*. 17(1). 41-64.
- Alebaikan, R. & Troudi, S. (2014). Blended learning in Saudi Arabia: Potential for its Use in EFL at the Tertiary Level. In *Al-Mahrooqi & Troudi, Using Technology in Foreign Language Teaching*, Cambridge Scholars Publishing: UK.
- Alebaikan, R. (2013). Developing Reusable Learning Objects (RLOs): The Importance of Social and Cultural Contexts. In *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2013* (pp. 1239-1245). Chesapeake, VA: AACE.
- Alebaikan, R. & Troudi, S. (2010). Blended Learning in Saudi Universities: Challenges and Perspectives. *ALT-J, Research in Learning Technology*, 18(1), 49-59.
- Alebaikan, R. & Troudi, S. (2010). Online Discussion in Blended Courses at Saudi Universities. *Procedia - Social and Behavioral Sciences*, 2(2), 507-514.
- Alebaikan, R. & Troudi, S. (2008) Challenges of Implementing Blended Learning in Saudi Universities. Proceedings of i-TCE 2008, Kuwait, 380-385.

Conferences *(selected)*

- Addoweesh, K., Cornelius, S., Bain, Y. & Alebaikan, R. (2015). A Pilot Case Study: Assessment of Students' Contributions in Asynchronous Online Discussions from the Students' Perspectives. *4th International Conference for e-learning & Distance Education*. Riyadh, KSA.
- Alebaikan R. & Almutairi, M. (2014) The Impact of Using Cloud Computing on Academic Achievement. *Paper presented at the International Academic Conference on Education and E-learning (IAC-EeL)*, Prague, Czech Republic.
- Alebaikan, R. (2013). Transforming Traditional Education into Blended Learning, *38th Annual Conference of Educational Studies Association of Ireland, ESAI 2013 Conference*, Limerick, 21-23 March.
- Alebaikan, R. (2012). Blended Learning and Pedagogy of the Digital Age, *STLHE 32nd Annual Conference: Learning without Boundaries!* Montreal, 19-22 June.
- Alebaikan, R. (2012). The Future of Blended Learning, *ICIT 2012: International Conference on Information Technology*. Madrid, 28-29 March.
- Alebaikan, R. (2011). Considering Ethics in Blended Learning, *The International Conference on Learning*, Mauritius, 5-8 July.
- Alebaikan, R. (2011). A Blended Learning Framework for Saudi Higher Education, *The Second International Conference of E-Learning and distance Learning*, Riyadh, 21-23 February.

Research Supervisory (selected)

- Doctoral Thesis of Mona Almutairi, "A proposed Professional Development Program based on Technological Pedagogical and Content Knowledge (TPACK) Framework and its Effect on Female Computer Teachers' Perceptions and Teaching Practices and their Students' Academic Self-Efficacy in Programming" KSU 2022.
- Master Thesis of Amal Al-Thabiah, "Computer female teachers' utilization and attitudes towards electronic discussion forums in light of twenty-first century skills at intermediate and secondary levels in private schools" KSU 2021
- Master Thesis of Norah Alshamri, "The Effect of Teaching Using Differentiated Instruction Strategy on the Development of Creative Thinking Skills and the Attitude towards Smart Devices Programming among Eleventh Grade Female Students" KSU 2020.
- Master Thesis of Randa Alharbi, "The Impact of Project-Based Learning Strategy on the Development of Cognitive Flexibility Skills and Attitude towards ICT Applications in Teaching and Learning", KSU 2020.
- Internal supervisor - PhD Thesis of Khawla Addweesh, "Assessment of students' participation in asynchronous online discussions : a case study of a Saudi university" External Joint Supervision Program, University of Aberdeen, UK 2016
- Master Thesis of Hayla Altayyar, "The Effect of Teaching Tawheed Curriculum using Blended Learning on Achievement of Ninth Grade Female Students" KSU 2016.
- Master Thesis of Mona Al-Mutairi, " The Effect of Teaching using Cloud Computing Environment on Motivation towards Learning and Achievement of Education College Students at King Saud University", KSU 2014.

Society Services (selected)

- Presenter – online workshop "Online Learning and Assessment", Skills Development Deanship, KSU 2020.
- Moderator– online meeting with Prof. Yong Zhao "Online Learning in K-12 during the Coronavirus Crisis" ETEC 2020.
- Presenter – workshop "Publishing in ISI Journals: Challenges & Reinforcement" Social Studies Research Centre, KSU 2019.
- Presenter – seminar "Identifying Concepts in Blended Learning Research", ECSME, KSU 2019.
- Presenter – workshop "Quality Assurance & E-learning Activities Assessment", International Blended Learning Conference, SEU 2019
- Presenter – workshop "Skills of Effective University Teaching", Skills Development Deanship, KSU 2018.
- Presenter – workshop "Family & Challenges of Technology Literacy", The National Festival for Heritage & Culture, Riyadh 2016.
- Presenter – debate "Qualitative Research vs. Quantitative Research", Research Center of Humanity Colleges, KSU 2016.
- Presenter – seminar "Successful Practices of Utilizing LMS in Education", College of Education, KSU 2015.
- Reviewer – program, KSU Speakers, KSU 2014.
- Presenter – lecture "Writing PhD Proposal", Support Unit of Demonstrators and Lecturers, KSU 2013.

Memberships (selected)

Member – IEEE Organization (2022)

Member – International Society for Technology in Education, ISTE (2016- 2020)

Member – Saudi Educational & Psychological Association, GESTEN (2011- 2021)

Member – Committee of Computer Curriculum & Instruction, Department of Curriculum & Instruction, KSU Present

Member – Committee of Quality and Development, Department of Curriculum & Instruction, KSU 2015

Member – Committee of Society Services, Department of Curriculum & Instruction, KSU 2015

Member – Committee of Graduation Ceremony of King Saud University Female Students, KSU 2014

Taught Courses *(selected)*

CI 650: Computer Applications in Curriculum, CI 608 New Trends in Curriculum and Instruction, CI 600: Master Thesis, CI 579: Capstone, CI 577: New Trends in Teaching IT, CI 576: Digital Curriculum Design and Evaluation, CI 575: Design and Development of Educational Software, CI 572: Computer and Internet Applications in Education, CI 570: Computer Applications in Education, CI 500: Curriculum Foundations, CI 250: ICT in Education, CI425: Computer & Curriculum, C Programming, Operating Systems, Visual Basic Programming, Database Design.