

Dr. Eman Muhammed Ahmed Al Rowithi

Name: Dr. Eman Muhammed Ahmed Al Rowithi

Rank: Associate Professor

Address: Riyadh – KSA

E- mail: dr.emanaa@gmail.com

emrowatw@imamu.edu.sa

Website: www.dremana.com

Twitter: @EmanALRowaithi

Vision and Mission

My professional mission is to make an active contribution to teaching and learning and to develop education through training, professional consultations, scientific research and studies in all fields of education.

Educational Qualifications

- PhD in Science Education, Princess Noura University, 2006.
GPA: 96%, with a recommendation to be printed and circulated among universities.
Thesis' topic: "The Effectiveness of Meta-cognitive Learning Cycle in the Improvement of Conceptual Understanding of Physics and of Meta-cognitive Skills of High School Female Students".
- M.S in Science Education, Princess Noura University, 2001.
GPA: 94% with a recommendation to be printed and circulated among universities.
Thesis' topic: "Proposed Model to Incorporate Technological Literacy in Physics Curriculum for High School Female Students at Kingdom of Saudi Arabia".
- B.S in Science and Education, physics, Tayba University, 1993.
GPA: 95% with a place of honor.
- Studied English language courses, Michigan State University, USA, 1994, in addition to, many preparatory courses for Master.
- Studied advanced English courses, Cambridge College, Australia, 2007.

Work Experience

- Associate professor. Social sciences faculty, curriculum and teaching methods department 2017
- Vice- dean of Deanship for Development of Higher Education, Imam Muhammed Bin Saud Islamic University- 2013-2017
- Vice- dean of Deanship for Preparatory Programs, Imam Muhammed Bin Saud Islamic University- 2010.
- Vice- dean of Social Science Departments, Imam Muhammed Bin Saud Islamic University- 2009.
- Vice- dean of Education Department, Imam Muhammed Bin Saud Islamic University- 2008.
- Assistant professor at Education Department, Social Science College, Imam Muhammed Bin Saud Islamic University- 2007.
- Teacher of physics at high school, Ministry of Education, Al Madinah and Riyadh, 1993

Publications:

- AlRwaythi, Eman Mohammad (2017): Effectiveness of a proposed systematic approach-based teaching model in developing integrated science process skills in a physics laboratory: International Conference on Education and Learning (ICEL) , Tokyo, Japan, August 2017.
- AlRwaythi, Eman Mohammad (2017): "Training Requirements in lines of 2030 vision", presented at the workshop "Training: Reality and Hope" at the first meeting of the Saudi Association of Trainers, Jeddah
- Paper titled: A Visualized Proposal for the Development of Practical Education in the General Diploma in Education in Al-Imam Mohammad bin Saud University, Science Education Journal, Published: 2017.
- AlRwaythi, Eman Mohammad (2016): Health Education in the content of science books for the top three grades of the primary stage in Saudi Arabia, Journal of Studies in

Curricula and Methods of Instruction, No. 214, Egyptian Association for Curriculum and Teaching Methods, pp. 15-90.

- Paper titled: The Use of IT tool in Teaching Science in Universities in Saudi Arabia, the First Conference of Excellence in Teaching and Learning of Science and Mathematics "the fields of Science, Technology, Mathematics, and Engineering (STEM)", Riyadh, 2015. Published: 2015.
- Paper titled: the Reality of the Use of 10th Grade School Girls of Laboratory Practices in Biology Classes in Riyadh, 2014, the Journal of Research in Curriculum and Pedagogical Practices, #205, pages 15-52. (supported by "the Center of Research Excellence in the Development of the Teaching of Mathematics and Science-King Saud University").
- The Efficiency of the University Teaching and Learning Training Program (UTL) On Developing the Teaching Competencies of the Teaching Staff at Imam University. Education, Fall 2014. Vol. 135, No. 1.
- Exploring curriculum implementation: Focus on science teaching: The second History, Philosophy, and Science Teaching, Asian Regional Conference, National Taiwan Normal University, 2014. 4-7.
- Paper titled: A Visualized Proposal for the Need of Science Teachers in Middle Schools in Riyadh for Training on the Use of IT Tools in Education in the Light of Modern Educational Trends. 2014, the Journal of Research in Curriculum and Pedagogical Practices, Issue# 204, Pages: 15-50. (supported by "the Center of Research Excellence in the Development of the Teaching of Mathematics and Science-King Saud University").
- Paper Titled: the Dimensions of the Culture of Dialogue and its Dissemination in Educational Programs and Curriculum, presented at the discussion panel of the UNESCO Chair for the dialogue between the followers of religions and cultures in collaboration with King Abdullah bin Abdul Aziz Center for Contemporary Islamic Studies and Dialogue of Civilizations, entitled: the culture of dialogue in education. 2014.
- Paper titled: "Evaluation of Science teachers in the teaching of improved science curriculum in the 7th grade according to proposed standards of teaching", 2013.
- University Teaching and Learning booklets' series, IFIUT, 2013.

- Paper titled: A Developed Teaching Model for Meta-cognitive Thinking: "Developed Meta-cognitive Learning Cycle", The 2012 World Conference on Physics Education, Istanbul, 1-6 July, 2012. Bahcesehir Universities, Turkey.
- Practical Education Guidebook, student study center, 2010.
- Book titled: "A new vision for learning: Teaching from meta-cognitive perspective". 1st edition: 2009, Dar Al Fekr, Amman. 2nd edition: 2013-1434.
- Paper titled: Quality and accreditation standards in training: An Australian experience: a working paper presented in the sixth annual meeting of public and private training, K.S.A, 2008.

Accomplishments; research, scientific and training:

- Member of the "Common Dimensions of the National Curriculum Benchmarking Framework" project, "Building Curriculum Standards", the Education Assessment Board, and the attendance of a number of Australian Acar workshops to build curriculum standards, 2017-2016.
- Contributed with Ministry of Education in corporation with King Saud University, represented by the Researching Excellence Center, on developing the teaching of science and mathematics through an evaluation study of math and natural science curricula of higher education at Kingdom of Saudi Arabia, 2011-2012 (first stage)- 2013 (contributed in second stage).
- Contributed in qualitative projects in neighborhood schools project, as a member of the improvement and development team of King Abdullah bin Abdul-Aziz Project for developing public Education, Tatweer Co. for Educational Services, 2014.
- Presenting my doctoral dissertations at the King Abdulaziz Public Library, Women's Libraries, 22/8/2016.
- Presenting the experience of Imam Muhammad bin Saud University in the field of training and development in the first international conference and exhibition for training and development at Princess Noura University 20/10/2015.
- Participation in the management of Quality Projects with Australian and New Zealand Universities in the Field of Research, 2009.

- Presentation of a panel discussion at the Center for Research Excellence in Science and Mathematics, King Saud University, entitled "A proposed note card for Evaluating of the performance of science teachers " March, 2012, on the link:
https://www.youtube.com/watch?v=u_SW2yIIWz4
- Participation in the Discussion of the Draft of the Third Copy of the General Strategic Plan for Taibah University, 2015.
- Contributed with the Administration of Curriculum Development at Ministry of Education on developing science books of elementary and junior high levels, 2004.
- Participation in workshop titled: "Scientific Innovation" in induction meeting of the coordinates of the Scientific Innovation Award in the Kingdom of Saudi Arabia, held at King Saud University, Riyadh, 2006, and Taibah University, 2007.
- A lecture entitled (A Story of Success) at the Charity for the Blind, Riyadh, 2011.
- Preparation and Implementation of Discussion Sessions on the Development of Higher Education on both Local and International Scales-2009-2010
- Author of a series of articles at many local newspapers and journals.
- Set and delivered several workshops and training programs at many universities and government educational institutions:
 - Innovative Strategies in University Teaching
 - Supporting Scientific Innovation in Higher Education
 - Supervision Using Strategies of Meta- Cognitive Thinking
 - Problem Analysis and Decision Making
 - Teacher Assistant Training program, IMSIU
 - University Teaching and Learning program, IMSIU
 - Note Taking in University Lectures
 - Cognitive Maps.
 - Class management in Higher Education.
 - Teaching large classes.
 - Supporting innovation in Higher education.
 - Supervision using meta-cognitive thinking.
 - Teaching Thinking Skills as a Part of Studying Courses

- The Impacts of the Reflective Strategies on Improving the Educational and Administrative Processes.
- How to Work Effectively with Others.
- Active Learning Strategies in University Teaching.
- Integrating Technological Applications with Concepts of Physics
- Effective Strategies for Supervision in Practical Training.
- Technologies that Support Training
- Construction of Achievement Tests
- Modern Evaluation Strategies
- Meta- cognitive Thinking in Teaching
- Educational Supervision
- The role of academic leaders in achieving 2030 vision
- Teaching outcomes.
- Demonstration of intellectual awareness.

Scientific and Professional Memberships:

- Founding member of Saudi Association of trainers.
- Member at the Association for Human Resources Training and Development.
- Member at the Saudi Society for educational and Psychological Sciences (Justin).
- Member of the council of the Deanship for Development of University Education (DUE)
- Member at the Council of Deanship of Preparatory Programs.
- Member at the Planning and Curriculum Committee at IMSIU.
- Member at the Board of Education, Riyadh, 1431- 1432.
- Member at the Egyptian Association for Science Education.
- Member at the High Commission for Strategic Planning at Imam Muhammed Bin Saud Islamic University.
- Received an administrative excellence award in development by IMSIU rector.

Skills

- **Communication:**

Written: can write educational materials, training kits, informative reports and documents, both short and long on scientific methodology in a manner that maximizes the attention and understanding of the reader.

Oral: public speaking, listening, using scientific reasoning in discussion and dialogue, the ability to express and summarize, and time management skills.

Technical: can use information technology and social networks in education and training and the skill of using e-learning systems of Blackboard and Moodle.

- **Working with others:** Ability to achieve specific goals, organize and accomplish activities, commitment, cooperation, openness, flexibility in thinking and accepting the opinions of others, effective leading of team activities, managing differences and conflicts and working within a team under pressure.
- **Methods of research:** Planning and applying different methods of research projects based on their objectives, identifying problems and propose solutions and focusing on the practical side and mechanisms to activate it on the field.
- **Leadership:** the ability to build good relationships with subordinates through the distribution of tasks according to their tendencies and trends and to allow them to demonstrate their spirit of innovation, skill and motivation, and organization by working in a disciplined organized environment starting with time, goals and priorities, self-confidence and persuasive power .

Personal attributes:

- **Creativity:** able to create new ideas in educational and scientific fields and to explore new opportunities in addition to my talent in drawing, writing and design.
- **Adaptability and flexibility:** Able to change plans if circumstances dictate, ability to change objects to maintain enthusiasm and deal with variables in a balanced and objective manner.
- **Initiative:** Open to new ideas and to put ideas into practice, perseverance and takes the risk in action to achieve the goals as planned.

Professional Development:

In the Field of Training:

- Certificate IV in Training and Assessment (TAA40104) -Line Management. Institute of Training, Melbourne, Australia. 29 October – 10 December, 2007.
- Professional Certified Trainer (TOT) Training the Trainers: American Global Training Board.
- Canadian Academy Development and Training: Certificate of Membership.
- Staff Professional Development, University Of Wollongong in Dubai.
- Accelerated Learning workshop, 30 Sep – 2 Oct, 2009 and Member of The Accelerated Learning Network of Professional trainers and educators.
- A 40 hours training session for the trainees, 2015, certified by the General Organization for Technical and Vocational Training.
- The Comprehensive Program for the Preparation of Trainees, 2009.
- Developing Trainees Skills, 2005.
- Measuring Training Impacts, 2008.
- Developing Training Efficiency, 2008.
- Modern Trends in Training Policies and Training Plans Preparations, 2010.
- Certified Trainer for the Dissipation of the Culture of National Dialogue, 2009
- Managing Projects Professionally, at a rate of 25 training hours, 2015, Certified by the General Organization for Technical and Vocational Training.

Other Educational Fields:

- Training workshop organized by the General Education Evaluation Authority with the international partner "Acara Australian Organization" within the framework of the project to build the standards of curricula of education, on 6-9 April 2016.
- Effective Practices for Leadership and Management. Organized by Academic Leadership Development Workshop, Ministry of Higher Education, Jan 9-10, 2010.
- Speed Reading, 2006.
- Working Toward Program Accreditation, 2009.
- Teaching and Learning Strategies, 2010.

- A Paradigm Shift in Education to empower Arab Student for Success in Modern Life, 2012.
- Assessment For Learning and its Impact on Leading learning, 2012.
- Creative Thinking in classroom Environment, 2012.
- Excitements inside The Classroom: Using Education Games, 2012.
- Jusoor Learning Management System LMS, 2009.
- Jusoor Learning Content Management System LCMS, 2009.
- Strategic Planning in Academic Institutions, 2009.
- Strategic Planning for Higher Education Institutions, 2010.
- The Art of Meeting Management, 2008.
- teaching methods in education directed towards the knowledge-based economy, 2008.
- Research Skills and Techniques in Internet and Electronic Sources, 2007,
- Innovative Strategies for the Memorization of Al-Quraan, 2006.
- Crowded Classrooms: Challenges and Solutions, 2006.
- Preparation and Use of Educational Tools, 2006.
- Peer Training for Teachers and Educational Supervisors, 2005.
- "Teaching Thinking Strategies in School Courses" giver by the prominent Trainer Robers Schwarts, 2002.
- Second workshop Entitled "Teaching Higher-order Thinking Skills in School Courses" by Robert Schwarts, 2002.
- Foundation Session for the Toastmasters Club, 2013.
- Continuous Quality Improvement CQI, 2010.
- Internal Review of Programs, Courses and Performance Indicators, 2014.
- Development of Academic Leadership, 2014-2015.
- Student Centered Education, 2014.
- Implementation of Technology in University Teaching, 2014.
- Developing Digital Courses using Course Lab, 2014.
- The Use of New Technologies in University Teaching, 2014.