

Curriculum Vitae

Zohrehsadat Mirmoghtadaie

Assistant Professor, Department Of E-Learning, Virtual School of Medical Sciences and Management, Shahid Beheshti University of Medical Sciences (SBMU). Tehran, Iran
2020- Present

Second Affiliated Faculty Member
smart University of Medical Sciences (SUMS). Tehran, Iran
2016- Present



PERSONAL INFORMATION

Date of birth: 11- 9 - 1978
Place of Birth: Isfahan, Iran
Nationality: Iranian
Language: Persian/English

EDUCATION

BSc (1997-2001)
Midwifery-Isfahan University of Medical Sciences
MSc (2007-2009)
Curriculum Planning-Payam Noor Tehran University
Ph.D. (2012-2016)
Medical Education-Shahid Beheshti University of Medical Sciences (First Place)

THESES & DISSERTATION

Ph.D. Dissertation:
Professional Function in e-learning: Development of operating extant and proposed implantation guide

MSc. Thesis:
Adaptation of experienced midwifery curriculum to job needs from the perspective of teachers and midwives

PROFILE

ORCID ID: 0000-0002-3267-9121

<https://scholar.google.com/citations?user=T8Mqh0cAAAAJ&hl=en>

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HOBBIES

- E-Learning
- Faculty Development
- Multimedia Production
- Blended Learning in Medical Education
- Virtual Learning
- Artificial Intelligence in Education
- Game Based Learning
- Technology Enhanced Learning
- Mobile Learning

WORK EXPERIENCE

SBMU

2020-Now

Department of e-Learning, Virtual School of Medical Sciences and Management, Shahid Beheshti University of Medical Sciences

TUMS

2017-2020

Department of virtualization in Medical Education, Virtual School, Tehran University of Medical Sciences

VUMS

2018- Now

Faculty of virtual university of medical sciences. Tehran, Iran

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2006-2013

Department of Nursing and Midwifery, Islamic Azad university of falavarjan

MUI

2000-2002

Department of Nursing and Midwifery, Medical University of Isfahan

SKILLS

- Multimedia Production
- Instructional Design
- Program Evaluation
- Faculty Development
- E-Learning
- Medical Education
- Program Evaluation
- Mobile Learning

PUBLICATIONS

A. English Articles

1. Designing and psychometric analysis of an instrument to assess learning process in a virtual environment. *Smart Learning Environments*,2023. Vol. 10 Issue 1.
2. Is Using Blended Learning of Lab Skills by a Modest Augmented Reality-Based Educational Booklet Beneficial to Pharmacy Students? *Strides Dev Med Educ.* 2023.
3. Explanation of A Framework for the Effective Implementation of E-Learning at Universities of Medical Sciences: A Mixed Exploratory Method. *Strides in Development of Medical Education.*2023
4. The effectiveness of instructional animation on dissection skills in pharmacy students: an innovation in educational method. *IJIIE* .2023
5. Developing a Conceptual Model of Self-Directed Learning in Virtual Environments for Medical Sciences Students. *The International Review of Research in Open and Distributed Learning (IRRODL)* 2023
6. The Design and Psychometric Properties of a Peer Observation Tool for Use in LMS-Based Classrooms in Medical Sciences. *The International Review of Research in Open and Distributed Learning (IRRODL)* 2023
7. Effectiveness of Educational Intervention with non-wax and Virtual Typodont Methods in Practical Orthodontic course of Dental Students, Shahid Beheshti University of Medical Sciences. *Journal of Dental School, Shahid Beheshti University of Medical Sciences*2022
8. Student support service in virtual learning environment: Mckenna content Analysis Method. *Distance Learning*2022
9. Students' Lived Experience in the Ethical Challenges of E-Learning: the Ethical Challenges of E-Learning2022
10. Outstanding qualities of a successful role model in medical education: Students and professors' points of view. *Annals of Medicine and Surgery* 2022
11. Design and Validation of the Virtual Classroom Management Questionnaire A Case Study: Iran. *The International Review of Research in Open and Distributed Learning (IRRODL)*2022
12. The Hidden Curriculum in Online Education Based on Systematized Review. *Shiraz E Medical Journal* 2021

13. Effect of E-Scenario-Based Flipped Classroom on Students' Satisfaction in Medical Education. Journal of Medical Education 2021
14. Efficacy of Serious Game Training in Comparison with the Traditional Training in Learning the Laparoscopic Cholecystectomy Skills: An Interventional Analytic Study. World Journal of Laparoscopic Surgery 2022
15. Promotion of Blended Learning in Medical Education During the COVID-19 Crisis: A Successful Experience Report from Iranian Medical Universities. Journal of Medical Education 2022
16. The Impact of Teaching based on Animation Technology in Learning Anatomy Course of Pharmacy Students of Tehran University of Medical Sciences. Journal of Medical Education Development 2021
17. Comparing the Effects of Gamification and Teach-Back Training Methods on Adherence to a Therapeutic Regimen in Patients after Coronary Artery Bypass Graft Surgery: Randomized Clinical Trial. Journal of Medical Internet Research 2021
18. Designing E-Learning In Medical Education: Toward A Comprehensive Model Turkish Online Journal of Distance Education 2021
19. Exploring the components of student support system in blended learning for Iranian Universities of Medical Sciences: A thematic analysis. Journal of Education and Health Promotion 2021
20. An interesting result of a qualitative research: Academic exhaustion barrier to professionalism in medical students. Journal of Education and Health Promotion 2020
21. Determination and comparison of the factors related to effective blended learning in medical sciences from the viewpoints of instructors and learners. Advances in Medical Education and Practice 2020
22. Challenges to the implementation of interprofessional education in health profession education in Iran. Advances in Medical Education and Practice 2020
23. Explaining the concept and dimensions of professional functions in online learning system of medical sciences: A qualitative content analysis. Turkish Online Journal of Distance Education 2019
24. Challenges and opportunities of acquiring scientific authority in medical sciences: determination of the experts' views based on qualitative content analysis. Journal of advances in medical education & professionalism 2020
25. Virtual education based on emotional intelligence components and E-learning readiness. Journal of Advanced Pharmacy Education & Research 2020
26. The effectiveness of blended learning in the field of medical education: Explaining dimensions and components based on stakeholder experiences. Journal of Medical Education Development 2019

27. Factors related to academic failure in preclinical medical education: A systematic review. Journal of Advances in Medical Education & Professionalism 2019
28. Educational intervention to improve preclinical academic performance: A systematic review. Journal of Education and Health Promotion 2019
29. The Perceptions of Patients and Their Families About a Good Physician: A Qualitative Content Analysis. The Strides in Development of Medical Education Journal (SDME) 2019
30. Explaining Faculty Members' Experience about the Process of Attending to an International Conferences: A Mixed Methods Research. Future of Medical Education Journal 2017
31. Explaining the challenges of midwifery profession from the perspective of Iranian midwifery society: A qualitative study. Journal of Advances in Medical Education 2017
32. Designing the Conceptual Model of Interprofessional Education: A Systematic Map. International Journal of Scientific Study 2017
33. Professional practice of medical training in the e-learning system: the conceptual model based on a critical review. Journal of Medical Education 2016
34. Designing a Conceptual Pattern of Medical Lecturer Professional Performance in E-Learning System Based on a Critical Review. Biosciences Biotechnology Research Asia 2016

B. BOOK REVIEW

1. Book Review: Teaching in a Digital Age: Guidelines for Designing Teaching and Learning—Third Edition. The International Review of Research in Open and Distributed Learning (IRRODL) 2023
2. Book Review: Teaching and Learning at a Distance: Foundations of Distance Education (7th ed.). The International Review of Research in Open and Distributed Learning (IRRODL) 2022

C. PERSIAN ARTICLES

1. The effect of implementing jigsaw method in the virtual flipped classroom on self-directed learning skill of medical students, Technology of Education Journal, 2023
2. The miracle of colors in the health of education in the third millennium: Modeling based on Quranic teachings and hadiths. Islam and health magazine 2023
3. Explaining the dimensions and components influencing the implementation of community-oriented medical education: a qualitative study. Journal of Ilam University of Medical Sciences 2022
4. Needs assessment and educational prioritization of nursing managers. Urmia Journal of Nursing and Midwifery 2021

5. Institutionalizing communication with industry in medical students: design, implementation and evaluation. Journal of Growth in Medical Education 2021
6. Investigating the effect of using a self-care application on the lifestyle and laboratory indicators of patients with non-alcoholic fatty liver disease. Tehran university of medical sciences 2021
7. An overview of the challenges of integrating medical education with the service delivery system in Iran. Health and treatment management 2014
8. Examining the performance and opinions of nursing students in the assessment with OSCE. Jundishapour Education Development Quarterly 2014
9. Explaining the professionalization process of medical students at the bedside. Journal of Research in Medical Education 2013
10. What nurses need to know about physical rehabilitation of patients after coronary artery bypass surgery: a review study. Journal of cardiovascular nursing 2019

D. BOOKS

Co-author of:

1. Leadership and management of health higher education in cyber space
2. Student support system in virtual education environment
3. Professional performance in e-learning: what, why and indicators
4. Relationship between emotional intelligence and e-learning readiness in students
5. Understanding hysterectomy and its treatments
6. Clinical guidelines for mother-child care and women's health

OUTSTANDING ACTIVITIES (IN IRAN)

1. Writing a curriculum and launching doctoral 's degree programs in e-learning

LECTURE & WORKSHOPS

1. Conference and Seminars

1. IRANS first international virtual congress of sexual & reproductive Health & counseling in midwifery," Design, implementation and evaluation Sexual health e-learning course" Gorgan,2023
2. Top emerging Technology trends in medical education: from augmented reality to Holoportation; Upgrade solutions for Tele-proximity and Embodiment: A review article, 1st International Congress of Artificial Intelligence in Medical Sciences,2023, Kish
3. Design, implementation and evaluation of the spiritual care electronic boot camp in a scenario-based manner for nurses. Live Presentation of National spiritual health conference, 2023, Gorgan- Iran.
4. Ethics of technology and smart teacher. Continuing Medical Education Symposium2023, Gyroft- Iran.
5. International Conference on Culture and Education in Cyberspace with the title " Localization of Etiquette in Cyberspace in the Islamic Republic of Iran, Electronic campus of Islamic Azad University 2022
6. Examining the challenges of e-learning in medical students. National conference on the opportunities and needs of virtual education2021, Tehran- Iran.
7. The effectiveness of blended learning in the field of medical education. Live Presentation of International Association for Medical Education, 2021, Tehran- Iran.
8. Comparative study of the situation of multimedia courses in leading universities. national e-learning conference,2017, Mashhad-Iran
9. New Technologies and Key Points of Implementation, Symposium of Continuing Medical Education,2017, Mashhad-Iran
10. Analysis of e-learning researches in the field of medical education. national e-learning conference,2017, Mashhad-Iran
11. Methodology of quantitative and qualitative research. Continuing Medical Education Symposium,2017, Tehran-Iran
12. Explaining ethics and professional performance in the context of e-learning. 27. National Conference on ethics,2021 Shiraz-Iran
13. Self-care application for fatty liver patients. Iran International Mobile Health Congress 2021 Shiraz-Iran
14. Presenting the model of student support system in electronic education. Medical education conference2021, Tehran- Iran.
15. The necessity of using social networks in e-learning. national e-learning conference,2017, Mashhad-Iran
16. The role of knowledge-based companies in creating entrepreneurial universities. International Congress of Entrepreneurial University2010, Tehran-Iran

2. Workshop

1. Professional behavior in the virtual education space, Tehran University of Medical Sciences, for faculty members, Tehran. Iran2022
2. Serious games in medical science education: from fun to impact. Shahid Beheshti University of Medical Sciences, Tehran, Iran.2022

3. Etiquette, netiquette in electronic education. Tehran University of Medical Sciences, Tehran, Iran.2021
4. Professional ethics and behavior and virtual education. Shahid Beheshti University of Medical Sciences, Tehran, Iran.2022
5. e-teacher. Shahid Beheshti University of Medical Sciences, Tehran, Iran.2022
6. The do's and don'ts of an electronic smart teacher .Tehran University of Medical Sciences, Tehran. Iran2022
7. Introduction to e-learning. Smart University of Medical Sciences2020
8. Production of electronic content with camtasia software. University of Medical Sciences2021
9. Many Workshops for Clinical Staff, Health Deputy of Shahid Beheshti University of Medical Sciences, Tehran, Iran
10. Effective electronic content. Tehran University of Medical Sciences, Tehran. Iran2020
11. Software tools for interactive multimedia development and demonstration for samples. European Union2019
12. Production of educational content with Adobe captivate software. Tehran University of Medical Sciences, Tehran. Iran2020.

RESEARCH PROJECTS

1. The effect of using the serious game of laparoscopic cholecystectomy surgery in improving the clinical skills of surgical assistants.
2. Comparing the effectiveness of educational intervention with two methods of wax-free and virtual typodont in practical orthodontics.
3. Designing, implementing and evaluating the electronic logbook of IT students internship.
4. Design, implementation and evaluation of electronic comprehensive examination program for nursing doctorate.
5. Formulating the framework of the support system for students in combined education and presenting a model.
6. Investigating the effect of OSCE virtual educational tour on the anxiety of nursing students.

7. Comparative study of the structure, approaches and requirements of virtual education programs in America, Europe and Asia and providing suggested solutions for the development of virtual education in Iran.

Reviewer of Articles, Research projects and Scholarly Journals

1. Reviewer of research projects of students' research and technology .2021
2. 18 and 19 th, the National Medical Education Conference, Tehran, Iran.
3. Urmia Nursing and Midwifery Journal
4. Zanzan Education Development Journal
5. Nama Journal of Educational Studies

HONORS AND AWARDS

1. Assessment and evaluation fellowship certificate from smart University of Medical Sciences2020
2. Launching and developing e-learning center Award, 2019
3. Award for Comprehensive program of educational, research and technological activities of PhD students 2023
4. Award for Preparation and compilation of electronic content for master's courses in 2019
5. Winner of the 2020 national self-care festival of patient education
6. Winner of the 2019 Complementary Care Technology Entrepreneurship National Event

THESIS SUPERVISION

1. Modeling the requirements and requirements of interprofessional education in Iran's medical education system.
2. Design and development of the conceptual model of gamification in the curriculum of the higher education system.
3. Evaluating the knowledge of ophthalmology assistants using electronic and non-electronic tests.
4. The effect of using an educational package based on Augmented Reality technology(AR) in practical pharmacognosy course on students' skills.
5. The effect of OSCE virtual educational tour on the anxiety of nursing students.
6. Investigating the effect of using a self-care application on the lifestyle and laboratory indicators of patients with fatty liver.

7. Designing and compiling the framework of e-learning standards in Iran's universities of medical sciences.
8. The effect of using the serious game of laparoscopic cholecystectomy surgery in improving the clinical skills of surgical assistants.
9. Identifying the hidden curriculum in the e-learning master's course: a phenomenological study.

NATIONAL AND INTERNATIONAL FESTIVALS

1. The 5th national self-care festival of patient education 2020 (3rd)
2. The 2th national event of complementary care technology entrepreneurship 2019(2rd)

COURSE DEVELOPED AND SUBJECTS TAUGHT:

1. Professional ethics in information technology
1. Educational assessment and evaluation in e-learning
2. Electronic instructional design in medical sciences
3. Online and electronic education in medical sciences
4. Learner support systems in electronic learning
5. Introduction to e-learning
6. Electronic learning tools and technologies
7. Principles and techniques of educational design
8. The use of computers in education
9. Design and production of electronic learning materials
10. Individual promotion of faculty members
11. Preparation of multimedia electronic content
12. The basics of scientific thinking
13. Development of capabilities and evaluation of academic staff

PROFESSIONAL EXPERIENCES

1. Head Department of "Electronic Learning in Medical Sciences"
2. Member for Board Trustee of National Medical Science Student Olympiad.2023
3. A membership of Iranian Association of Medical Education2020-2023
4. A membership of the Educational and Research Council of Smart Medical Sciences University2021-2023
5. Vice-Dean for Student and cultural Affairs
6. Member of the internationalization Affairs
7. member of National Board for Medical Education, Ministry of Health and Medical Education
8. Member of the Research Council of the Faculty of Medical Education
9. Member of the virtual education development committee in medical sciences

10. Member of the Research Ethics Committee of the Faculty of Medical Education
11. Scientific member for Curriculum Planning and Revision Board at Ministry of Health and Medical Education

ACADEMIC RANKS

1. The first rank of medical education graduation at the doctorate level