



Dr. Maryam Alizadeh

PhD of medical education, TUMS

Experience

2020–Now

Director • International Affairs, EDC • TUMS

2021–Now

Deputy • International Affairs, Department of Medical Education • TUMS

2019–2023

Director • Faculty Development, EDC • TUMS

2011–2020

Coordinator and consultant • Teaching and Learning methods, Med school EDO • TUMS

Education

- M.Sc., Ph.D. of Medical Education

Fields of Interest

- Teaching and Learning (TBL, Flipped Class, Game Based Learning and utilizing AI tools to enhance learning)
- Motivation and Metamotivation
- Feedback and Reflection
- Visual Thinking Strategies

Software Skills

- Microsoft Office
- SPSS
- Endnote
- iSpring Suite
- Canva
- MAXQDA



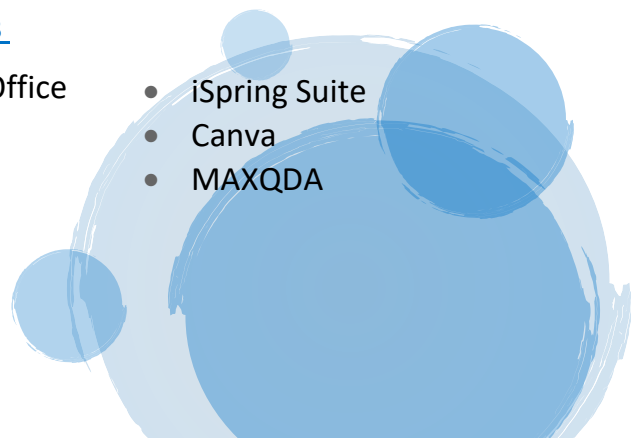
Department of Medical Education and EDC of TUMS



+989128704806



Alizade.aban@gmail.com
malizadeh@sina.tums.ac.ir



Research Articles (EN)

- Keeping motivation on track by metamotivational knowledge: AMEE Guide No. 160. Medical Teacher, 2023
- The role of motivational components in metamotivational monitoring in medical students: a mixed method study. BMC Medical Education, 2023
- Metamotivation in medical students: Explaining motivation regulation strategies in medical students. Journal of Education and Health Promotion, 2022
- Comparing flow experience of medical students in cognitive, behavioral, and social educational games: A quasi-experimental study. Journal of Medical Education Development, 2022.
- Motivation regulation strategies fit for medical students: A response to “The clinical educator’s guide to fostering learner motivation: AMEE Guide No. 137”. Medical Teacher, 2022
- The development and validation of metamotivational strategies in medical students questionnaire. Medical Teacher, 2021
- Response to: Is a lecture free curriculum ideal? Medical Teacher, 2021.
- If Gharib Hall Could Talk. Acta Iranica Medica. 2021
- Medical Students’ Satisfaction with a Web-based Training Module of Clinical Reasoning. Strides in Development of Medical Education , 2020
- The lecture-free curriculum: Setting the stage for life-long learning: AMEE Guide No. 135. Medical Teacher, 2020
- Looking at the Levels of Bloom's Taxonomy in a Flipped Classroom Utilizing Study Guide and Interactive Assignment for Undergraduate Medical Students. Acta Medica Iranica, 2020
- The Shadow of COVID-19 on Medical Education at Tehran University of Medical Sciences in 2020. Strides Dev Med Educ, 2020
- Preparing Learners for Learning in the Engaged Learning Classroom. MedEdPublish, 2019.
- Top-rated AMEE MedEdPublish Papers–May/June 2019. Medical Teacher, 2019
- Preparing Medical Students to Become Effective Tutors: A Reaction, Learning and Behavior Evaluation Study. Educational Research in Medical Sciences, 2019
- The Effect of Interactive and Effective Lecturing Workshop for Developing Faculty Members in Teaching: An Experiment of Utilizing Peer Observation of Teaching and Feedback. Strides in Development of Medical Education, 2018.
- A decade of reform in medical education: Experiences and challenges at Tehran University of Medical Sciences. Medical teacher, 2018
- Leadership identity development through reflection and feedback in team-based learning medical student teams. Teaching and learning in medicine, 2018
- Determining the expected competencies for oncology nursing: A needs assessment study. Ijnmr. 2018
- A case based-shared teaching approach in undergraduate medical curriculum: a way for integration in basic and clinical sciences. Acta Medica Iranica, 2017
- Uncover it, students would learn leadership from team-based learning (TBL): the effect of guided reflection and feedback. Medical Teacher. 2017

Thesis Supervisions:

- Motivational Regulation Strategies and related Motivational Components of medical students, Designing and Psychometric Evaluation of Assessment Tools Based on the Self-Determination Theory in Medical Students.
- Investigating the Relationship between Motivational Regulation Strategies and Academic Motivation Quality in Pharmacy Students at Tehran University of Medical Sciences based on the Self-Determination Theory.
- Explaining Motivational Regulation Strategies of Clinician-Educators at Tehran University of Medical Sciences in their Teaching Role
- Designing and Psychometric Evaluation of a Measurement Tool for Motivational Regulation Strategies in Clinician-Educators at Tehran University of Medical Sciences
- Explaining Socially Shared Regulation of Situational Motivational Strategies in nursing Students collaborative learning in face of motivational challenges
- Investigating the Relationship between the Use of Motivational Regulation Strategies and Academic Procrastination in Medical Students at Shahrood University of Medical Sciences.
- Determining the Type of Motivation among Faculty Members for Participating in FD programs at Tehran University of Medical Sciences based on the Self-Determination Theory of Motivation.
- Comparing the Effects of Cognitive, Behavioral, and Social Learning Theory-based Educational Games on the Immersion Experience of Medical Students at Tehran University of Medical Sciences.
- Determining the Relationship between Cognitive Effort, Pleasure, Perceived Utility, Real Learning, and Sense of Learning in Medical Students in Anatomy Education based on an Interactive Novel-Based Game at Tehran University of Medical Sciences.
- Comparison of Learning Outcomes and Satisfaction of Pharmacy Students in Flipped Classroom based on Game-based Flipped Classroom and Case-Based Flipped Classroom on the Cardiovascular Topic at Tehran University of Medical Sciences.
- Assessment of Residents' Reflection Stage during Feedback at Tehran University of Medical Sciences.
- Evaluation of Surgical, Internal Medicine, and Emergency Medicine Residents' Reflection after Receiving Positive and Negative Feedback from Faculty and Patients based on the Atkin Model at Mazandaran University of Medical Sciences.
- Investigating the Effect of Written Feedback on Feedback Seeking, Reflective Thinking Skills, and Learning of Medical Students in a Clinical Skills Training Program.
- Examining the Impact of Reflective Thinking on Mindset and Growth Mindset of Pre-Medical Students at Tehran University of Medical Sciences in the Academic Year 2023-2024.
- The Impact of Visual Thinking Strategies on Observation Skills of Basic Medical Science Students at Gonadab University of Medical Sciences based on the PRISM Framework
- Exploring the Faculty Members' Reactions and their Reasons to the Lecture-Free Educational Program: A Qualitative Scenario-Based Study at Tehran University of Medical Sciences.
- Designing a Model for the Development of Lecture free Curriculum using Interpretive Structural Modeling Technique and Systems Approach in the Preclinical MD program at Tehran University of

Medical Sciences.

- Feasibility Study of Implementing a Lecture-Free Education Program
- Comparison of Self-Awareness among Faculty Members Participating in the Basic Teaching Skills Course, Before and After the COVID-19 Pandemic at Tehran University of Medical Sciences.
- Investigating Medical Students' Perspectives on Self-Regulated Learning Strategies in Preparatory Flipped Classroom at Tehran University of Medical Sciences.
- Design, Implementation, and Evaluation of Flipped Classroom Approach in the Digestive Course of the Clinical Medicine Foundation Program at Tehran University of Medical Sciences.
- Comparison of the Flipped Classroom and Puzzle Method on the Learning of Students in the Arterial Blood Gases Unit.
- Examining the Impact of TeamSTEPS Strategy using Virtual Reality on Team Performance in Cesarean Surgery Teams at Iranshahr University of Medical Sciences.
- Comparing the Effects of Learning the Skill of Lumbar Puncture in Virtual Reality Environment and on Mannequins on the Immersion Experience of Medical Students at Tehran University of Medical Sciences.
- Investigating the Appropriate Content Presentation Method for Pre-class Preparation in Flipped Classroom Approach from the Perspective of Medical Students at Tehran University of Medical Sciences.
- Design, Implementation, and Evaluation of the Pharmacy Management Training Course based on the ADDIE Instructional Design Model
- Evaluating the Quality of Systematic Review Studies on Medical Education
- Assessing the Frequency of Scientific Resources Used by Medical Interns and Residents at Tehran University of Medical Sciences.

Awards

- Best Researcher Award in the Field of Medical Education, ICHPE 2019
- Best Presentation Award, ICHPE 2020
- Shahid Motahari Awards (SOTL):
 - 2023 (Leadership of Shifting from Teacher-Centered to Student-Centered Teaching-Learning Methods at the School of Medicine, Tehran University of Medical Sciences: Step by Step in Lifelong Learning Development)
 - 2022 (Systematic Approach to Empowering the Educational Faculty Members at Tehran University of Medical Sciences: Step by Step towards Teacher Identity Development)
 - 2020 (Design, Implementation, and Evaluation of Active Teaching-Learning Methods based on Adult Learning Principles at the Paramedical School: From Classroom to Health Café)
 - 2020 (Application of the Havelok Leadership Model for Clinical Environment Transformation to Enhance Return Sessions of Basic Sciences for General Medical Interns)
 - 2020 (Application and Evaluation of Quantum Leadership Model to Enhance Participation of Immunology Postgraduate Students in Education and Other Interdisciplinary Areas)
 - 2016 (Designing and Implementing a Training and Performance Evaluation Program for Facilitators in Real Environments at the School of Medicine, Tehran University of Medical Sciences)

