

**First Name:** Shahnam

**Last Name:** Sedigh Maroufi

**Academic Degree:** Associate Professor

**Department:**

* Anesthesia, School of Allied Medicine
* Joint appointment in Department of Medical Education, School of Medicine

**University:** Iran University of Medical Sciences

**Email:** [sedighmaroufi.s@iums.ac.ir](mailto:sedighmaroufi.s@iums.ac.ir)

[shsmphd@yahoo.com](mailto:shsmphd@yahoo.com)

**Educational Background:**

Master’s Degree: Anesthesia, School of Nursing, Iran University of Medical Education

PhD Degree: Medical Education, School of Medicine, Iran University of Medical Education

**Certificates:**

* Invention of an IV cannula equipped with a warning system to prevent accidental arterial injection (patent code: 73482), School of Allied Medicine, Tehran University of Medical Sciences, 2011
* First place in the PhD thesis in Medical Education, Shahid Motahari Educational Festival, 2017
* Exemplar university professor in “Research in Education” section, Dr. Vosough Educational Festival, 2017

**Awards, Grants, Scholarships:**

Silver Medal at the First Invention and Innovation Festival, School of Allied Medicine, Tehran University of Medical Sciences 30 Oct. 2013

**Scholarly Papers Published:**

|  |  |  |
| --- | --- | --- |
| **Title** | **Journal** | **Year** |
| An investigation of contamination with nitrous oxide (N2O) in operating and recovery rooms atmosphere | Razi Journal of Medical Sciences | 2004 |
| An investigation of contamination with nitrous oxide in the pediatric operating rooms of the hospitals of Tehran, Iran and Shahid Beheshti Universities of Medical Sciences | Razi Journal of Medical Sciences | 2007 |
| Nitrous oxide levels in operating and recovery rooms of Iranian hospitals | Iranian Journal of Public Health | 2010 |
| The effect of work stress, coping strategies, resilience and mental health on job satisfaction among anesthesia technicians | Journal of Fundamentals of Mental Health | 2011 |
| Nitrous oxide levels in operating and recovery rooms of Iranian hospitals | Iranian J Public Health | 2011 |
| The comparison of PCR technique and API-20E kit with the conventional biomedical methods for the identification of salmonella species in laboratory | Medical Laboratory Journal | 2012 |
| Prioritizing the factors influencing effective teaching from the viewpoint of students: the use of analytical hierarchy process (AHP) | Iranian Journal of Medical Education | 2013 |
| Study of most important factors influencing the effectiveness of teaching from viewpoint of graduate students: AHP model approach | The Journal of Medical Education and Development | 2014 |
| Analysis of structural relationships of variables associated with evaluation of teaching by students in medical education | Iranian Journal of Medical Education | 2015 |
| Opinions of faculty members on competency – based behavioral and Social Sciences curriculum components to be integrated in md program curriculum : A Qualitative study | Medical Journal of the Islamic Republic of Iran | 2016 |
| Integrating behavioral and social sciences components into a competency-based MD program curriculum: A qualitative study on opinions of faculty members | Medical Journal of the Islamic Republic of Iran | 2017 |
| Integrating behavioral and social sciences components into a competency-based MD program curriculum: A qualitative study on opinions of faculty members | Med J Islam Repub Iran | 2017 |
| Diabetes and foot burns | Annals of Burns and Fire Disasters | 2018 |
| Analysis of costs related to the educational activities of paramedical students in independent hospitals of Iran University of Medical Sciences | Journal of Iran University of Medical sciences | 2018 |
| The importance of education on disasters and emergencies: a review article | Journal of Education and Health Promotion | 2019 |
| Tissue expander: review of indicators, results and outcome during 15 years’ experience | Burns | 2019 |
| Dose ginger have preventive effects on PONV- related eye surgery? Clinical trail | Anesthesiology and pain medicine | 2019 |
| Designing and making a test tool for direct observation of practical skills for the clinical examination of voice disorders of speech therapy students | Journal of Iran University of Medical sciences | 2019 |
| Investigating the effect of pop quizzes and educational workshops on the test anxiety of anesthesia technology students | Journal of Iran University of Medical sciences | 2019 |
| Design and psychometric test instrument of direct observation of skills to evaluate the clinical skills of stuttering in speech therapy students | Journal of Iran University of Medical sciences | 2019 |
| A comparative study of the level of life expectancy in incoming students compared to the final year students of the Paramedical Faculty of the University of Iran in 2018 | Journal of Iran University of Medical sciences | 2019 |
| Factors affecting the quality of theoretical and clinical education in the field of operating room from the perspective of students and faculty members of Tehran University of Medical Sciences | Journal of Iran University of Medical sciences | 2019 |
| Evaluation of students' academic counseling system from the students' point of view in Iran University of Medical Sciences (academic year 2019 - 2020). | Journal of Iran University of Medical sciences | 2019 |
| A review of the effects of the anesthetic gas nitrous oxide on the immune system: a starting point for future experiences | Immunopharmacology and immunotoxicology | 2020 |
| Lower Extremity Burn, Complication, and Outcome | Journal of Burns Care and Research | 2020 |
| Pregnancy and Burns: Guidelines for safe management | Burns | 2020 |
| Tocilizumab for treatment patients with COVID-19: Recommended medication for novel disease. | International immunopharmacology | 2020 |
| A NorouziLarge or Small Panel in the Delphi Study? Application of Bootstrap Technique. | - Journal of Evolution of Medical and Dental Sciences | 2020 |
| Investigating the effectiveness of chamomile on reducing the incidence and severity of nausea and vomiting after middle ear surgery in the patients of Rasool Akram Hospital in 1877 | Journal of Iran University of Medical sciences | 2020 |
| Explaining the opinion of the professors of Iran University of Medical Sciences regarding the exam question bank and explaining the ways to motivate students | Journal of Iran University of Medical sciences | 2020 |
| Presenting a comprehensive model for recruiting and accepting students in the postgraduate level of all medical sciences in universities of medical sciences | Journal of Iran University of Medical sciences | 2020 |
| Design and psychometrics of a direct observation skill test tool to assess airway management skills | Journal of Iran University of Medical sciences | 2021 |
| Comparing the effects of isoflurane, propofol and the combination of isoflurane and propofol on the incidence and severity of nausea and vomiting after middle ear surgery. | Journal of Iran University of Medical sciences | 2021 |
| Evaluation of the degree of compliance of the educational program of the field of medical biotechnology, approved by the Ministry of Health, Medicine and Medical Education, with the beneficiaries of medical and clinical sciences in the country. | Journal of Iran University of Medical sciences | 2021 |
| Reflection on the “national scientific Olympiad for medical sciences students”: Re-emphasizing the role of reward and encouragement in medical education | Journal of Medical Education | 2023 |
| Mind mapping in recalling and retrieving core contents in anesthesia technology students | Journal of Education and Health Promotion | 2023 |
| Study of Compliance with the Guidelines for Registration and Labeling of Anesthesia Drugs in the Operating Room | Journal of Payavard Salamat | 2024 |
| The importance of pre-anesthetic evaluation in patient safety: A systematic review | Archives of Anesthesiology and Critical Care | 2024 |
| Effectiveness of multimedia-based teaching on the learning rate of anesthesia technologist students in the field of central venous pressure monitoring: A comparative study | Journal of Education and Health Promotion | 2024 |
| The Effect of Ketamine Administration on the Incidence of Delirium After Coronary Artery Bypass Graft Surgery: A Scoping Review | Journal of Cellular and Molecular Anesthesia | 2024 |
| Investigating the effect of teaching assistants (TA) on the level of satisfaction of undergraduate anesthesia students with training in the internship unit | Journal of Education and Health Promotion | 2024 |
| Using the mind map method in medical education, its advantages and challenges: A systematic review | Journal of Education and Health Promotion | 2024 |
| Shivering Management in Spinal Anesthesia: Evaluating the Role of Ketamine: A Narrative Review | Archives of Anesthesiology and Critical Care | 2025 |
| Comparison of the Effectiveness of Multimedia and Face-to-Face Education on the Level of Preoperative Anxiety of Patient Undergoing Coronary Artery Bypass Graft (CABG) | Archives of Anesthesiology and Critical Care | 2025 |
| Revolutionizing Post Anesthesia Care Unit with Artificial Intelligence: A Narrative Review | Archives of Anesthesiology and Critical Care | 2025 |
| Development and validation of educational competencies Required for anesthesia technologists: A developmental study | Journal of Education and Health Promotion | 2025 |
| Post-Anesthesia Care Unit (PACU) readiness predictions using machine learning: a comparative study of algorithms | BMC Medical Informatics and Decision Making | 2025 |

**Conference Presentations (Short Communication, posters and etc.):**

| **Title** | **Conference Name** | **Type of Presentation** | **Place** | **Date** |
| --- | --- | --- | --- | --- |
| Interpretation of arterial blood gases and hemodynamic monitoring in ICU | 14th International Congress on Cardiovascular Updates | Oral | Hall of Imam, Imam Khomeini Hospital complex (IKHC) | 2001 |
| Control and prevention of hospital infections | National Congress on Controlling and Preventing Hospital Infections | Oral | Negin Cultural Complex | 2003 |
| Arterial blood gas analysis in a modern way | 3rd Congress of Iranian Society of Cardiovascular Surgeons | Oral | IRIB International Conference Center | 2003 |
| Clinical interpretation of arterial blood gas analysis and the use of ventilators | Congress on Heart and Modern Skills | Oral | Ramsar, Iran | 2005 |
| Warning signs in patients undergoing surgery in PACU | 3rd Scientific Congress of Iranian Association of Surgeons | Oral | Razi Conference Center, IUMS, Tehran | 2005 |
| An investigation of contamination with nitrous oxide in operating and recovery rooms atmosphere | 8th Biennial Congress of Asian & Oceanic Society of Regional Anesthesia Pain Medicine | Poster | Chiba, Japan | 2005 |
| Lung physiotherapy in patients admitted to the ICU | 4th International Congress on Intensive Medical Care | Oral | Razi Conference Center, IUMS, Tehran | 2007 |
| Initial setting of mechanical ventilators | 5th International Congress on Intensive Medical Care | Oral | Shahid Beheshti University of Medical Sciences | 2007 |
| Cardiopulmonary and cerebral resuscitation (CPCR) | 5th Congress of Iranian Society of Cardiovascular Surgeons in collaboration with the German Society of Surgeons | Oral | Razi Conference Center, IUMS, Tehran | 2007 |
| Successful weaning of patients from mechanical ventilator | 5th Congress of Iranian Society of Cardiovascular Surgeons in collaboration with the German Society of Surgeons | Oral | IRIB International Conference Center | 2007 |
| Educational challenges (for anesthetists) | Meeting of Allied Medicine Students | Oral | Yasuj University of Medical Sciences | 2012 |
| An overview of Bachelor’s degree in anesthesia around the word | 12th International Congress of Anesthesiology, Intensive Care and Pain Management | Poster | International Conference Center of Niroo Institute | 2015 |
| Passive leg raise (PLR) during cardiopulmonary resuscitation | 12th International Congress of Anesthesiology, Intensive Care and Pain Management | Poster | International Conference Center of Niroo Institute | 2015 |
| What is the role of nanotechnology in anesthesia? | 12th International Congress of Anesthesiology, Intensive Care and Pain Management | Poster | International Conference Center of Niroo Institute | 2015 |
| Pulse oximetry monitoring at the forehead may be better? | 12th International Congress of Anesthesiology, Intensive Care and Pain Management | Poster | International Conference Center of Niroo Institute | 2015 |
| The bachelor of science anesthesia and head departments of anesthesia satisfaction of anesthesia gradates about playing the professional role as anesthetist of the bachelor alumni of anesthesia | 12th International Congress of Anesthesiology, Intensive Care and Pain Management | Poster | International Conference Center of Niroo Institute | 2015 |
| Satisfaction of the heads of departments with the efficiency and effectiveness of the bachelor alumni of anesthesia | 12th International Congress of Anesthesiology, Intensive Care and Pain Management | Poster | International Conference Center of Niroo Institute | 2015 |
| Satisfaction of bachelor graduates of anesthesia from Iran university of medical sciences with the training course and curriculum allude to professional roles | 12th International Congress of Anesthesiology, Intensive Care and Pain Management | Poster | International Conference Center of Niroo Institute | 2015 |
| Hypoxia and clinical interpretation of arterial blood gases | Faculty Seminar | Oral | School of Allied Medicine | 2018 |
| Mechanical ventilation updates | Continuing education course of Social Insurance Organization | Oral | Fayyaz Bakhsh Hospital | 29 June 2018 |
| Practical points of respiratory disorders | International Congress on Cardiovascular Updates | Oral |  | 12 Sep.  2018 |

**Teaching Experience:**

**Examiner of the following dissertations/theses:**

| **Dissertation/Thesis Title** | **Name of Student** | **Degree** | **Date** |
| --- | --- | --- | --- |
| Presentation of a mobile-based learning model | Hamid-reza Kouhestani | PhD  Medical Education | 21.Apr.2018 |
| The impact of mental-simulation-based education in the spinal surgery operations on clinical skills of the 8th semester students of Iranian University of Medical Sciences in the Academic Year 2017-2018 | Afarin Arab Khazaee | MSc  Operating Room Technology | 7 July 2018 |
| Developing gamification of diabetic foot care for specialist care providers to diabetics (pre-defense) | Maryam A’laa | PhD  Medical Education | 17 July 2018 |
| Designing and testing the reliability of professionalism in clinical medicine teachers: A combined sequential exploratory study (pre-defense) | Hengameh Habibi | PhD  Medical Education | 28 July 2018 |
| Reliability testing and localization of measuring tools in the operating room’s educational milieu (STEEM) for surgical technologists in Iran | Sahar Karami | MSc  Operating Room Technology | 14 Aug. 2018 |
| Designing a model for the performance evaluation of the Center for Study and Medical Education Development of Iran University of Medical Sciences using the excellence framework | Mansoureh Taghavi-nia | PhD  Medical Education | 2 Sep. 2018 |
| Devising a spirituality model in Iranian medical education | Zahra Nahar-dani | PhD  Medical Education | 17 Sep. 2018 |
| An investigation of the observance of preoperative care standards in elderly patients referring to the operating room in the hospitals of Iranian University of Medical Sciences in 2017-2018. | Sheida Ahmadi | MSc  Operating Room Technology | 7 Oct. 2018 |
| Devising a professional identity model for general practitioners (School of Medicine) | Maryam Shahbi | PhD | 21 Oct. 2018 |
| Designing a motivational model for the virtual education development in Medical Sciences Universities of Iran (Pre-Defense, School of Medicine) | Mohammad Hassan Keshavarzi | PhD  Medical Education | 29 Oct. 2018 |
| The relationship between the leadership styles of the operating room supervisors with job satisfaction and the self-efficacy of the operating room technologists in the hospitals affiliated to Iran University of Medical Sciences | Neda Rashidi | MSc  Operation Room Technology | 15 Dec. 2018 |
| Explanation of the process of forming clinical empathy skills in medical students | Nahid Ahmadian | PhD | 18 Dec. 2018 |

**Advisor for the following dissertations/theses:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Dissertation Title** | **Name of Student** | **Degree** | **Date** |
| Assessing the reliability sufficiency of the academic success and failure questionnaire from the students viewpoints at Iran University of Medical Sciences | Ali Yeganeh | MSc  Medical Education | 22 Sep. 2018 |

**Workshop Teaching Experience:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Presentation Title** | **Workshop Title** | **Presentation Type** | **Date** |
| Clinical interpretation of the arterial blood gases | Orthopedic emergencies | Oral | 7 July 2018 |

**Workshop Participation:**

| **Workshop Title** | **Place** | **Date** |
| --- | --- | --- |
| Primary Health Care | Iran University of Medical Sciences | 7-9 July 1990 |
| Research Methods | Iran University of Medical Sciences | 30 Dec. 2000-  4 Jan. 2001 |
| 12th Congress of Iranian Heart Association | Tehran | 2000 |
| Learning Skills | Iran University of Medical Sciences | 20 May 2002 |
| 8th Biennial Congress of Asian & Oceanic Society of Regional Anesthesia Pain Medicine | Chiba, Japan | 2005 |
| Management and Organizational Behavior | Iran University of Medical Sciences | 23-24 Aug. 2006 |
| Creativity and Problem Solving | Iran University of Medical Sciences | 30-31 Aug. 2006 |
| Understanding the issues of Administrative Transformation | Iran University of Medical Sciences | 14-28 Sep. 2006 |
| An Introduction to Medical Education | Iran University of Medical Sciences | 2009 |
| Real Time PCR | Iran University of Medical Sciences | 7 June 2009 |
| Institutional Evaluation | Iran University of Medical Sciences | 4 Nov. 2009 |
| Medical Education | Iran University of Medical Sciences | 2-6 Jan. 2010 |
| Educational Ranking | Iran University of Medical Sciences | 16 Apr. 2010 |
| Conference on Innovation | Tehran University of Medical Sciences | 2011 |
| Curriculum Instructional Design Lesson Plan | Tehran University of Medical Sciences | 2011 |
| How to Merge Evaluation Scores | Tehran University of Medical Sciences | 2011 |
| Action Research | Tehran University of Medical Sciences | 2011 |
| Understanding Role-Playing Technique in Education and Evaluation | School of Allied Medicine, Tehran University of Medical Sciences | 2011 |
| Translation of Transformation and Innovation Packages in Medical Education | Iran University of Medical Sciences | 2014 |
| Grounded Theory | Iran University of Medical Sciences | 2015 |
| How to Develop an Operational Plan | Iran University of Medical Sciences | 2016 |
| Curriculum Design | Iran University of Medical Sciences | 2017 |
| Understanding KTEC and Registration of the Pertinent Research Projects | Iran University of Medical Sciences | 2018 |
| Diagnosis, Treatment, and Prognosis of Cancer with New Medical Technology Based on NCCN Guidelines | Iran University of Medical Sciences School of Allied Medicine, Iran University of Medical Sciences | 2018 |

**Research Experience:**

| **Research Project** | **Institute** | **Approval date** | **Duration**  **(month)** | **Status** |
| --- | --- | --- | --- | --- |
| An investigation of contamination with nitrous oxide in operating and recovery rooms atmosphere of the hospitals of Iran University of Medical Sciences | Iran University of Medical Sciences | 2003 | 15 | Finished |
| The relation between work stress, coping strategies, resilience and mental health with job satisfaction among anesthetists working in the operating room | Iran University of Medical Sciences | 2008 | 12 | Finished |
| Prioritizing the factors influencing effective teaching from the viewpoints of master’s students at the School of Allied Medicine, Iran University of Medical Sciences: the use of analytical hierarchy process (AHP) | Iran University of Medical Sciences | 2012 | 7 | Finished |
| Quantitative and qualitative study of factors related to the evaluation of the professor by their students in medical education based on the structural equations model | Iran University of Medical Sciences | 2013 | 6 | Finished |
| Comparison of the effects of ondansetron and oral ginger on the incidence and severity of postoperative nausea and vomiting in patients undergoing eye surgery | Iran University of Medical Sciences | 2013 | 8 | Finished |
| Assessment of the continuous bachelor program of anesthesia of Iran University of Medical Sciences | Iran University of Medical Sciences | 2015 | 8 | In process |
| Assessing the current status of student evaluation system in the affiliated schools of Iran University of Medical Sciences | Iran University of Medical Sciences | 2016 | 6 | In process |
| Determining reliability of P-MEX questionnaire to use it in assessing the professional qualifications of the assistants at Iran University of Medical Sciences in 2015 | Iran University of Medical Sciences | 2016 | 12 | In process |

**Scholarly Journal Section Editor:**

**Scholarly Journal Editorial Member:**

**Scholarly Journal Reviewer:**

**Publications:**

**Book Chapter Published:**

**Books Published:**

* Marino ICU, Andisheh Rafie Publications, Tehran, 2014
* Anesthesia Handbook (in Persian), Andisheh Rafie Publications, Tehran, 2017
* Reference Book for Multiple Mini-Interview (MMI) of the Ministry of Health and Medical Education, Arseh Publications, Tehran, 2017
* A Review of Anesthesia Methods for Anesthesia Students, Hadaf Publications, Tehran, 2018
* Principles And Methods Of Pain Management In Tabular Manner, Hadaf Publications, Tehran, 2018
* Anesthesia in Table, IUMS Publications, Tehran, 2019
* 2018 Anesthesia, Andisheh Rafie Publications, Tehran, 2020
* Care of Emergence from Anesthesia in the recovery unit, Heidari Publications, 2021

**Other Work Experience:**

**Membership in Academic Associations, Societies and Committee:**

| **Name** | **Position** | **Place of Operation** | **Duration of Membership** | |
| --- | --- | --- | --- | --- |
| **From** | **To** |
| Evaluating Committee on the School of Allied Medicine and Basic Medical Sciences | Chairman | Iran University of Medical Sciences | 1994 | 2007 |
| Education Quality Improvement Committee | Committee member | School of Allied Medicine, Iran University of Medical Sciences | 1995 | Present |
| Educational Council | Committee member | School of Allied Medicine, Iran University of Medical Sciences | 1998 | Present |
| Graduate Education Committee | Committee member | School of Allied Medicine, Iran University of Medical Sciences | 2003 | Present |
| Committee on Quality of Education and Employment | Committee member | Ministry of Health and Medical Education | 2004 | 2006 |
| Strategic Committee and Office of Quality Improvement of the School of Allied Medicine | Secretary | School of Allied Medicine, Iran University of Medical Sciences | 2005 | 2006 |
| Specialize Allied Medicine Committee | Committee member | Ministry of Health and Medical Education | 2005 | Present |
| Committee on the Curriculum Evaluation and Design of the Bachelor Degree in Anesthesia | Secretary | Ministry of Health and Medical Education | 2006 | Present |
| Curriculum Design Committee | Chairman | School of Allied Medicine, Iran University of Medical Sciences | 2009 | Present |
| IUMS Medical Ethics Council | Member | Iran University of Medical Sciences | 2015 | Present |
| Evaluation Committee on the Medical Education Conference and Shahid Motahari Festival | Member | Razi Conference Center, Iran University of Medical Sciences | 2015 | Present |
| Research Center for Medical Education | Member | Iran University of Medical Sciences | 2018 |  |
| Educational Council of IUMS | Member | Iran University of Medical Sciences | 2018 |  |
| Evolution and Innovation Sectors for the Promotion of Assessment System and Testing in Medical Sciences | Secretary | Iran University of Medical Sciences | 2018 |  |
| Supervising Committee on Students Scientific Association | Secretary | School of Allied Medicine, Iran University of Medical Sciences | 2018 |  |
| Committee on the Anesthesia Curriculum Development and Assessment | Secretary | Ministry of Health and Medical Education | 2018 |  |
| The Jury of the 12th Shahid Motahari Educational Festival | Member |  | 2018 |  |
| Scientific Committee on Transition Towards 3rd Generation University | Member | School of Allied Medicine, Iran University of Medical Sciences | 2018 |  |
| Referee of 20 articles in the Medical Education Congress | Referee | 19th National Congress on Medical Education and 11th Shahid Motahari Educational Festival | 2018 |  |

**Executive Positions:**

| **Position** | **Institute** | **Date** | |
| --- | --- | --- | --- |
| **From** | **To** |
| Head of Anesthesia Department | School of Allied Medicine, Iran University of Medical Sciences | 2000 | Present |
| Team Member for Establishing Alborz University of Medical Sciences | Alborz University of Medical Sciences | 2006 |  |
| Anesthesia Curriculum Development Officer (for Continuous and Non-continuous BSc degrees) | Ministry of Health and Medical Education | 2006 | 2007 |
| Deputy for Finance and Administration | School of Allied Medicine, Iran University of Medical Sciences | 2006 | 2009 |
| Committee Member of ICU Nursing Curriculum Development (Non-continuous MSc) | Ministry of Health and Medical Education | 2007 | 2008 |
| Committee Member of NICU Nursing Curriculum Development (Non-continuous MSc) | Ministry of Health and Medical Education | 2008 | 2009 |
| Director of Education Development Office (EDO) | School of Allied Medicine, Iran University of Medical Sciences | 2009 | Present |
| Committee Member of Medical Emergencies Curriculum Development (Non-continuous BSc) | Ministry of Health and Medical Education | 2009 | 2010 |
| Deputy for Education and Students Affairs | School of Allied Medicine, Iran University of Medical Sciences | 2009 | 2010 |
| Deputy for Culture and Students Affairs | School of Allied Medicine, Tehran University of Medical Sciences | 2010 | 2011 |
| Scientific Secretary of National Congress on Electronic Learning (Students Division) | Razi Conference Center, Iran University of Medical Sciences | 2015 | - |
| Executive Secretary of Evolution and Innovation Sector of Promotion of Medical Assessment and Testing System | Iran University of Medical Sciences | 2015 | Present |
| Scientific Secretary of the International Congress on Anesthesiology (Allied Medicine Section) | Iranian Society of Anesthesiology and Critical Care | 2015 | - |
| Officer for Establishing IUMS Testing Center | Iran University of Medical Sciences | 2017 |  |
| Director of IUMS Testing Center | Iran University of Medical Sciences | 2017 | Present |
| Officer for Curriculum Development of Graduate Anesthesia | Ministry of Health and Medical Education | 2017 |  |
| Deputy for Education | School of Allied Medicine, Iran University of Medical Sciences | 2018 |  |
| Head of Scientific Olympiad for University Students in Medical Education | 11th Scientific Olympiad for University Students in Medical Sciences | 2018 |  |
| Officer for Curriculum Review of Anesthesia (Continuous BSc) | Ministry of Health and Medical Education | 2018 |  |
| Administering Tests for the Employment Testing | National Organization of Educational Testing | 2018 |  |

**References Available Upon Request**