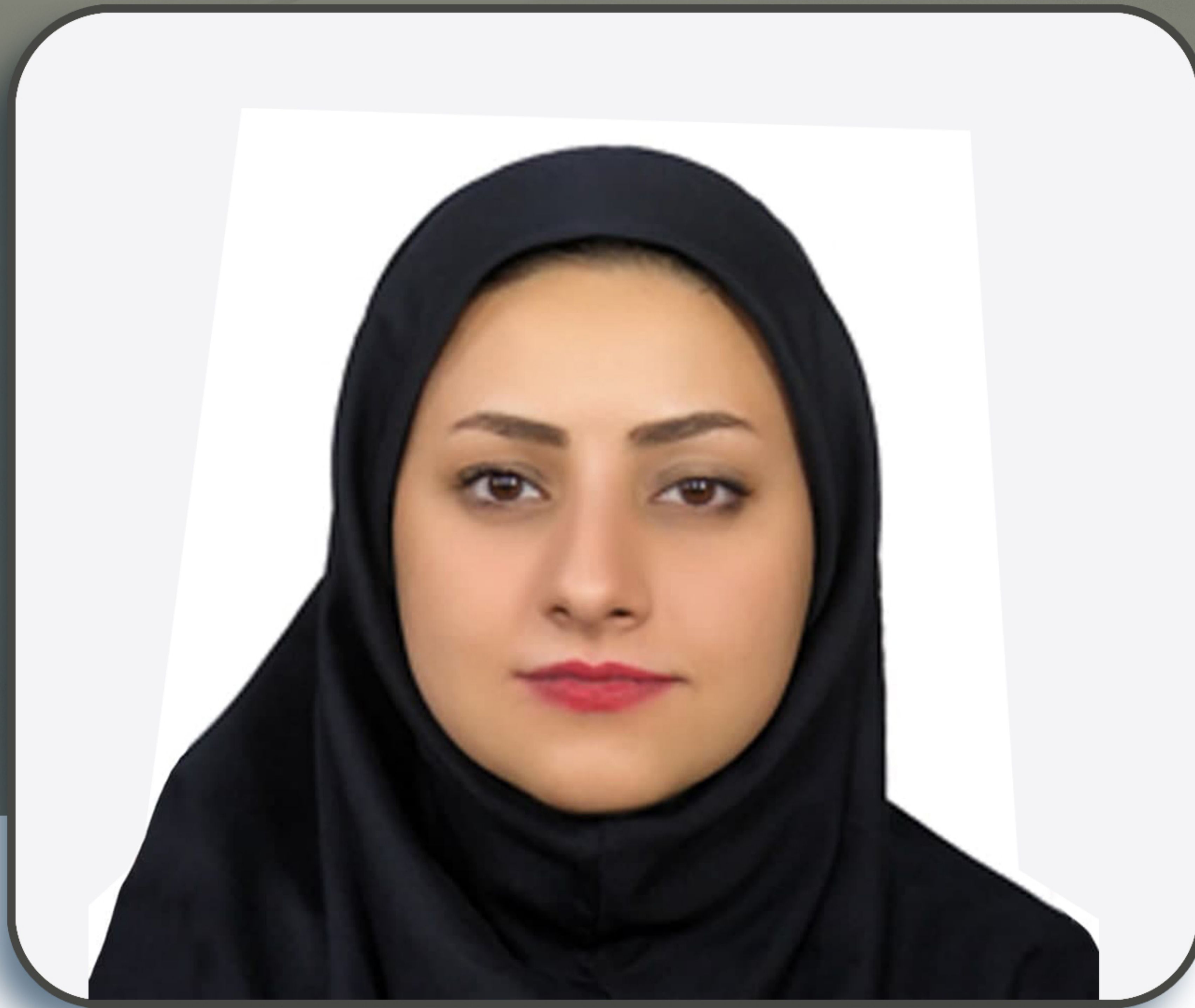




PARSEH DENTAL
INSTITUTE

Dr. Kiana Shekofteh



■ *Education:*

- Ph.D. student of Dental Biomaterials – Tehran University of Medical Sciences (TUMS) – Tehran – Iran, 2017 up to now

Thesis under supervision of Dr. Tahereh Sadat Jafarzadeh Kashi entitled “Synthesis and characterization of a zirconium - based Metal Organic Frameworks (MOF) and its effect on physical, mechanical and biological properties of an experimental dental resin composite” Total GPA: 19.37/20

- Doctor of Dental Surgery (D.D.S.)-Mashhad University of Medical Sciences (MUMS)- Mashhad - Iran, 2011 -2017

Thesis under supervision of Dr. Hossein Bagheri entitled “Effect of synthetic nano-structured fluorohydroxyapatite (nano-FHA) fillers on the physico-mechanical properties of dental adhesive” , Total GPA: 17.61/20

- Middle and High School graduated in National Organization for Development of Exceptional Talents (NODET), 2004 – 2011



■ Research interests:

Smart materials, Nano-structured material, Biomimetic Dentistry, Regenerative dentistry, Stem cells, Drug delivery.

■ Publications:

Comparison of the Success Rate of Filled and Unfilled Resin-Based Fissure Sealants: A Systematic Review and Meta-analysis; 2022 Frontiers in Dentistry

In-vitro bioactivity evaluation and physical properties of an epoxy-based dental sealer reinforced with synthesized fluorine-substituted hydroxyapatite, hydroxyapatite and bioactive glass nanofillers; 2019 Bioactive Materials

The antibacterial activity of an epoxy resin-based dental sealer containing bioactive glass, hydroxyapatite, Fluorohydroxyapatite nanoparticles against enterococcus faecalis and streptococcus mitis 2019 Nanomedicine Journal

Comparative assessment of the crystalline structures of powder and bulk human dental enamel by X-ray diffraction analysis; 2019 Journal of Oral Biosciences

Resistance to demineralisation of adjacent enamel and dentine, fluoride release and dentine bond strength of fluoride-containing self-etch adhesive systems; 2020 Journal of Clinical and Experimental Dentistry

Formulation and mechanical characterization of a semi-crystalline nano-fluorine hydroxyapatite-filled dental adhesive, 2018 Journal of the Australian Ceramic Society

Shear bond strength of molar tubes to enamel using an orthodontic resin-modified glass ionomer cement modified with amorphous calcium phosphate; 2019 Frontiers in dentistry

Students' Expressed Items Related to Educational Services in Mashhad University of Medical Sciences-Based on SERVAQUAL Model; 2019 Development Strategies in Medical Education



■ *Executive experience and achievements:*

Rank 2nd among candidates, Iranian National “Dental Biomaterials Ph.D. Entrance Exam based on entrance examination and interview 2017.

Rank 1st among students of the school of dentistry in Research and Technology Festival, 2016, MUMS, Mashhad, Iran.

Rank 1st among students of the school of dentistry in 17th National Medical Education (SHAHID MOTAHARI), 2016, MUMS, Mashhad, Iran.

Director, Student Research Committee, 2016-2017 School of Dentistry, Mashhad, Iran

Director, Student Advisory Committee, 2015-2016, School of Dentistry, Mashhad, Iran

Director, Scientific writing committee in Student Research Committee, 2015-2016, MUMS, Mashhad, Iran

Rank 0.05% Nationwide entrance exam of Iranian universities among 450,000 participants

Rank 3rd in 21th Iranian Olympiad Exam Preparation of scientific and educational institution (chemistry)

■ *Presentations at scientific meetings:*

· Shekofteh K, Bagheri H, Zahabi E. “Effect of synthetic nanostructured fluorohydroxyapatite (nano-FHA) fillers on physico-mechanical properties of dental adhesive” oral presentation, International Student Congress of Biomedical Sciences (ISCOMS), June 8, 2017, Groningen, Netherlands.

· Bagheri H, Moghaddas MJ, Baradaran Naseri E, Borouzinia A, Shekofteh K, Ahmadnejad M. “synthetesis and characterization of fluorine-hydroxyapatite filled dental adhesive” poster presentation, 29th symposium and annual meeting of the International Society for Ceramics in Medicine, October 25-27, 2017, Toulouse, France.



Poster presentation in 13th Annual congress of Iranian Division of International Association (IADR) : New Advances in Enamel Remineralization

EXCIDA 59 : all things you need to know about choosing the right impression materials and techniques!

■ *Teaching experience:*

Teaching dental materials in Mashhad University of Medical Sciences ; 2020 till now

Teaching dental materials in Pishgaman Parseh since; 2018 till now

Professional PREZI (presentation software) workshop trainer, Student Research Committee, Nov 2015, MUMS, Mashhad, Iran

Teaching chemistry as an Olympiad teacher for high school students .2011-2018

Teaching experience in 5 main major branches of chemistry: organic chemistry, inorganic chemistry, analytical chemistry, physical chemistry , and biochemistry.

■ *Professional membership:*

Member of scientific committee and referee in the 6th Congress of Post Graduate Students & 2nd Congress of Mashhad University Students, 9-10 Mar 2016, Mashhad, Iran.

Member of 6th National Medical Science Student Olympiad, Sep 2014, Iran University of medical Science, Tehran, Iran. (role of games and artificial intelligence in medical education)

Member of executive committee in the 1st World Congress On Hypnodontics 28-30 Sep 2016, Mashhad, Iran



Member of executive committee in the 6th Congress of PhD students and 2nd Congress of Mashhad University of Medical Science Students, Sep 2016, Mashhad, Iran

Member of executive committee in the 1st International Congress of Dental Traumatic Injuries and 2nd Symposium of Iranian Association Endodontists, 7-9 Oct 2015, Mashhad, Iran

Member of executive committee for about 20 workshops in the student research committee, 2013-2016, MUMS, Mashhad, Iran

Member of E-learning development group in medical education, 2014-2015, MUMS, Mashhad, Iran

■ *Certificates and workshops:*

SPSS data analysis, 2017, research training center of Tehran University, Tehran, Iran

School of industrial drug formulation: 2019, International Institute of New Sciences, Tehran, Iran

X'pert High Score; 2018, Sharif University of Technology, Tehran, Iran

PCR & electrophoresis: 2017, school of advanced technologies in medicine, TUMS, Tehran, Iran

Color Science: 2019, Institute of color science & technology, Tehran, Iran

Best Evidence Medical Education (BEME), 2015, Faculty of dentistry, MUMS, Mashhad, Iran

Patent Registration, BuAli Research Center, 4th Aug 2015, Mashhad, Iran

Advanced research proposal writing, 2015, Student Research Committee, MUMS, Mashhad, Iran

Scientific Articles Writing and Publishing Methods, 2015, Student Research Committee, MUMS, Mashhad, Iran



Reference Management (Endnote, Reference manager, Review Manager), 2015, Student Research Committee, MUMS, Mashhad, Iran

Electronic Recourses and databases, 2015, Student Research Committee, MUMS, Mashhad, Iran

Introduction to Research and research methods, 2015, Student Research Committee, MUMS, Mashhad, Iran

Certificate of workshop attendance: (workshop: Quantum physics and hypnosis 28-30 Sep 2016, Mashhad, Iran)

Certificate of workshop attendance: (Workshop: Fast and effective hypnotic techniques for the management of common dental problems 28-30 Sep 2016, Mashhad, Iran)

Certificate of attendance the 1st World Congress On Hypnodontics 28-30 Sep 2016, Mashhad, Iran

Certificate of attendance the 13th International Congress of Iranian Association of Pediatric Dentistry

■ *Publication:*

Hossein Bagheri, Kiana Shekofteh "A comprehensive review of dental materials" Pishgaman Parseh Publication, 2018,

Hossein Bagheri, Kiana Shekofteh "Textbook of Introduction to dental materials" Pishgaman Parseh Publication, 2018,

Majid Reza Mokhtari, Kiana Shekofteh, Yegane Khazaei, "Clinical Diagnosis and Treatment Plan in Periodontal diseases", MUMS Publication, 2017,

Kazem shekofteh, Dost Mohammad Samiei, Kiana Shekofteh "Training of Acid-Base Chemistry", ZARIHAFTAB publication, 2012