

ALIREZA MOSHAVERINIA, D.D.S., M.S., Ph.D. F.A.C.P.

CONTACT INFORMATION University of California, Los Angeles Email: moshaver@usc.edu
School of Dentistry Cell: (646) 712-0862
Advanced Prosthodontics Phone: (323) 442-3191
714 Tiverton Ave Fax: (323) 442-2981
Los Angeles, CA 90095

EDUCATION **University of Southern California**, Los Angeles, CA (2009 – 2012)
Advanced Graduate Certificate in **Prosthodontics**, Ostrow School of Dentistry

University of Southern California, Los Angeles, CA (2009 – 2012)
Ph.D., Craniofacial Biology, Ostrow School of Dentistry

Ohio State University, Columbus, OH (2007- 2009)
M.S., Dental Biomaterials, College of Dentistry

Queen Mary, University of London, London, UK (2005 – 2007)
M.Phil. /Ph.D. (no degree) in Dental Materials, Department of Materials

Mashhad University of Medical Sciences, Mashhad, Iran (1998 – 2004)
D.D.S., School of Dentistry

POSITIONS HELD

Tenure Track Assistant Professor (9/1/2015-present)
Division of Advanced Prosthodontics
University of California, Los Angeles, School of Dentistry

Research Assistant Professor (1/2014-8/31/2015)
Division of Biomedical Sciences
Center for Craniofacial & Molecular Biology (CCMB), Ostrow School of Dentistry of USC

Prosthodontist (9/2014 – Present)
Faculty Practice, Ostrow School of Dentistry of USC

Prosthodontist (9/2013 – 9/2014)
Sunnysmiles LLC, El Paso, TX

Course Director (10/2013 – present)
REST 790 Directed Research in Restorative Prosthodontics
Ostrow School of Dentistry, Los Angeles, CA

Lecturer (2009 – present) – Advanced dental materials
DPBL 504a Human Clinical Dentistry
Ostrow School of Dentistry, Los Angeles, CA

Postdoctoral research fellow (5/2012- 12/2013)
Center for Craniofacial & Molecular Biology (CCMB), Ostrow School of Dentistry of USC

Part-time Clinical & Preclinical Faculty (2012 -2013)
Ostrow School of Dentistry, Los Angeles, CA

Advanced Prosthodontics Resident, (2009 – 2012)
Advanced Prosthodontics Department, Ostrow School of Dentistry, Los Angeles, CA

Graduate Research Assistant, (2007 – 2009)
Ohio State University, College of Dentistry, Columbus, OH

Graduate Teaching Assistant, (2006-2007)
Materials Department, Queen Mary University of London. London, UK

General Dentist, (2004 – 2005)
Private dental practice, Mashhad, Iran

**HONORS &
AWARDS**

IADR Innovation in Oral Care Awards (\$70k) 2015.
Zumberge Individual Award, USC (\$30k) 2015.
Rose Hill Faculty Award, USC (\$1k) 2015.
Best Oral Scientific Research Award, Academy of Osseointegration (AO), 2015.
Diplomate, American College of Prosthodontics (2014).
NIH/NIDCR Career Development Award (\$620,000) 2014.
Faculty Seed Grant, Ostrow School of Dentistry of USC (\$10k).
GSK Prosthodontist Innovator Award (\$15k). American College of Prosthodontics (ACPEF).
Provost's Postdoctoral Scholar Research Grant (\$25k), USC Office of Postdoctoral Affairs, 2013.
John Sharry Award. American College of Prosthodontics (ACPEF), Baltimore, MD 2012.
Research Fellowship Award (\$6k). American College of Prosthodontics, 2012.
Graduate Prosthodontics Award: The American Prosthodontic Society (APS). Chicago, IL, 2012.
Most Innovative Award: The USC Stevens Institute for Innovation, USC, 2012.
Advanced Specialty Program Resident Award- 1st place, School of Dentistry of USC, 2012.
Dean's Award for Excellence in Research: Ostrow School of Dentistry of USC, 2012.
First Place Table Clinic Award: The American Prosthodontic Society (APS). Chicago, IL, 2012.
Prosthodontics Research Award: Pacific Coast Society for Prosthodontics, Pasadena CA, 2011.
Prosthodontics Research Award: The American Prosthodontic Society (APS). Chicago, IL, 2010.
Dental Materials Research Award: Iranian Dental Research Congress, Tehran, Iran, 2010.
Max Sosin Endowed Scholarship (\$10,000), Ostrow School of Dentistry of USC, 2010.
Alex Koper Endowed Scholarship (\$10,000), Ostrow School of Dentistry of USC, 2010.
Dean's Award for Excellence in Research: College of Dentistry, Ohio State University, 2008.
Graduate Studentship Award: Queen Mary University of London, London UK, 2006.
Gold Medal (1st Place) Iran's National Chemistry Olympiad: Tehran, Iran, 1998.

**BOARD
CERTIFICATION/
LICENSURE**

Licensure: California (SP269), Texas (28716), Iran (36816)
Specialty Certification: Diplomate, American Board of Prosthodontics

**TEACHING
ACTIVITIES**

2013 - present: REST 790 – Course Director, Directed Research Course in Restorative Dentistry.
2010 - present: DPBL504 – Lecturer, Fundamentals of Restorative Dentistry.
2010 - present: DMAT701 – Lecturer, Advanced Dental Materials.
2009 - 2012: RES 603 – Clinical Instructor, Fixed Prosthodontics.
2009 - 2012: PRES 504: Pre-clinical Instructor, Anterior and Posterior Fixed Prosthodontics.
2006 - 2007: Lecturer, Advanced Dental Materials (QMUL).
1998 - 2005: Organic Chemistry Lecturer, Mashhad, Iran.

PATENTS

1. **A. Moshaverinia**, S. Shi, C. Chen, X. Xu. Novel treatment modality for cartilage regeneration. US provisional patent application number: 61879567.
2. **A. Moshaverinia**, I.U. Rehman, N. Roohpour. New formulation of glass-ionomer dental cements with increased physical properties. UK Patent application number GB0801159.5 (2/6/2008).
3. **A. Moshaverinia**, I.U. Rehman, N. Roohpour. Improvements in or relating to glass-ionomer cements, particularly for applications in dentistry and orthopaedics. UK Patent application number GB0715297.8 (8/8/2007).

PUBLICATIONS

BOOK CHAPTER

I.U. Rehman, J.A. Darr and **A. Moshaverinia**. Supercritical Fluid Processing. *Encyclopedia of Biomaterials and Biomedical Engineering*. 2nd Edition. Informa Healthcare. 2008. (9) 2522-2531.

JOURNAL PAPERS

1. **A. Moshaverinia**, C. Chen, X. Xu, S. Ansari, H.H. Zadeh, S.R. Schrickler, et al. Regulation of the Stem Cell-Host Immune System Interplay Using Hydrogel Coencapsulation System with an Antiinflammatory Drug. *Adv Func Mater*. 2015. 15;25(15):2296-2307.

2. C. Chen, K. Akiyama, D. Wang, X. Xu, B. Li, **A. Moshaverinia** et al. IL4R α -mediated mTOR Signaling Determines Mesenchymal Stem Cell Lineage Differentiation in Fibrillin-1-mutant-induced osteopenia. *J Exp Med* 2015; 212:73-91.

3. Ansari S, Phark JH, Duarte S Jr, Paulino da Silva M, Sharifzadeh N, **Moshaverinia A**, Zadeh HH. Biomechanical analysis of engineered bone with anti-BMP2 antibody immobilized on different scaffolds. *J Biomed Mater Res B Appl Biomater*. 2015 Aug 7. doi: 10.1002/jbm.b.33492.

4. Ansari S, Freire M, Choi MG, Tavari A, Almohaimeed M, **Moshaverinia A**, Zadeh HH. Effects of the orientation of anti-BMP2 monoclonal antibody immobilized on scaffold in antibody-mediated osseous regeneration. *J Biomater Appl*. 2015 Jul 15. pii: 0885328215594704.

5. Diniz IM, Chen C, Ansari S, Zadeh HH, Moshaverinia M, Chee D, Shi S, **Moshaverinia A**. Gingival Mesenchymal Stem Cell (GMSC) Delivery System Based on RGD-Coupled Alginate Hydrogel with Antimicrobial Properties: A Novel Treatment Modality for Peri-Implantitis. *J Prosthodont*. 2015 doi: 10.1111/jopr.12316.

6. I. M. Diniz, C. Chen, X. Xu, S. Ansari, H. H. Zadeh, M. M. Marques, S. Shi, **A. Moshaverinia**. Pluronic F-127 hydrogel as a promising scaffold for encapsulation of dental-derived mesenchymal stem cells. *J Mater Sci Mater Med*. 2015; 26:5493.

7. I. M. Diniz, C. Chen, X. Xu, S. Ansari, H. H. Zadeh, M. Moshaverinia, M. M. Marques, S. Shi, **A. Moshaverinia**. Gingival mesenchymal stem cell (GMSC) delivery system based on RGD-coupled alginate hydrogel with antimicrobial properties: A novel treatment modality for peri-implantitis. *J Prosthodont*. 2015. In Press.

8. D.W. Lee, J.G. Kim, M.K. Kim, S. Ansari, **A. Moshaverinia**, S.H. Choi, J.J. Ryu. Effect of laser-dimpled titanium surfaces on attachment of epithelial-like cells and fibroblasts. *J Adv Prosthodont* 2015;7:138-45.

9. V. Tornisyp, **A. Moshaverinia**, W. W. Chee. Biofilms in restorative dentistry: a clinical report. *J Prosthet Dent* 2015. In Press.

10. **A. Moshaverinia**, X. Xu, C. Chen, S. Ansari, H.H. Zadeh, M.L. Snead, S. Shi. Application of stem cells derived from the periodontal ligament or gingival tissue sources for tendon tissue regeneration. *Biomaterials*. 2014 35: 2642-50.

11. **A. Moshaverinia**, K. Kar, W.L. Chee. Treatment planning decisions: Implant Placement versus preserving natural teeth. *JCDA* 2014; 11: 42(12).

12. **A. Moshaverinia**, S. Ansari, C. Chen, X. Xu K. Akiyama, M.L. Snead, H. Zadeh and S. Shi. Co-encapsulation of anti-BMP2 monoclonal antibody and mesenchymal stem cells in alginate microspheres for bone tissue engineering. *Biomaterials* 2013; 34: 6572-6579.
13. **A. Moshaverinia**, X. Xu, C. Chen, K. Akiyama, M.L. Snead and S. Shi. Dental mesenchymal stem cells encapsulated in alginate hydrogel co-delivery microencapsulation system for cartilage regeneration. *Acta Biomaterialia* 2013; 9: 9343–9350.
14. S. Ansari, **A. Moshaverinia**, A. Han, S.H. Pi, A.I. Abdelhamid, H. Zadeh. Functionalization of scaffolds with chimeric anti-BMP-2 monoclonal antibodies for osseous regeneration. *Biomaterials* 2013; 34:10191-8.
15. **A. Moshaverinia**, C. Chen, X. Xu K. Akiyama, S. Ansari, H. Zadeh and S. Shi. Bone regeneration potential of stem cells derived from periodontal ligament or gingival tissue sources encapsulated in RGD-modified alginate scaffold. *Tissue Eng Part A*. 2014; 20:611-21.
16. **A. Moshaverinia**, C. Chen, K. Akiyama, X. Xu, W.W.L. Chee, S.R. Schricker and S. Shi. Encapsulated Periodontal Ligament and Gingival Mesenchymal Stem Cells in 3-D Injectable Biodegradable Scaffold: A Unique Platform for Bone Tissue Engineering. *Journal of Biomedical Materials Research Part A*. 2013; 101: 3285-94.
17. W.W. Chee, J.M. Duncan J, M. Afshar M, and **A. Moshaverinia**. Evaluation of the amount of excess cement around the margins of cement-retained dental implant restorations: the effect of the cement application method. *J Prosthet Dent* 2013;10:216-21.
18. A.Y. Imam, **A. Moshaverinia**, W.W. Chee, and E.A. McGlumphy. A technique for retrieving fractured implant screws. *J Prosthet Dent* 2014 111: 81-3.
19. S. Ansari, M. Moshaverinia, N. Roohpour, W.W. Chee, S.R. Schricker, and **A. Moshaverinia**. Properties of a proline-containing glass ionomer dental cement. *J Prosthet Dent* 2013; 110: 408-13.
20. **A. Moshaverinia**, A. Torbati, K. Kar, A.A. Aalam, K. Takanashi, W.L. Chee. Full mouth rehabilitation of a young patient with partial expressions of ectodermal dysplasia: A clinical report. *J Prosthet Dent* 2014; 112: 449-54.
21. **A. Moshaverinia**, K. Kar, A.A. Aalam, K. Takanashi, J.W. Kim, W.L. Chee. A multidisciplinary approach for the rehabilitation of a patient with an excessively worn dentition: A clinical report. *J Prosthet Dent* 2014; 111: 259-63.
22. A. Tourah, **A. Moshaverinia**, W.W. Chee. Effects of setting under air pressure on the number of surface pores and irregularities of dental investment materials. *J Prosthet Dent* 2014; 111: 91-5.
23. A. Tourah, **A. Moshaverinia**, W.W. Chee. Mandibular implant-supported fixed dental prosthesis with a modified design: A clinical report. *J Prosthet Dent* 2014; 111: 150-3.
24. **A. Moshaverinia**, C. Chen, K. Akiyama, S. Ansari, X. Xu, W. Chee, S.R. Schricker and S. Shi. Alginate as a potential scaffold for dental-derived stem cells: An in vitro study. *Journal of Material Science: Materials in Medicine* 2012; 23:3041-51.
25. **A. Moshaverinia**, N. Roohpour, W.W.L. Chee and S.R. Schricker. A Review of Polyelectrolyte Modifications in Conventional Glass-Ionomer Dental Cements. *J Mater Chem* 2012; 22: 2824-2833.

26. **A. Moshaverinia**, B.T.S. Thirumamagal and S.R. Schricker Click Chemistry: A potential platform for Development of Novel Dental Restorative Materials. *J Macromol Sci Part A* 2012; 49: 288-292.
27. N. Roohpour, **A. Moshaverinia**, J.M. Wasikiewicz, D. Paul, M. Wilks, M. Millar, P. Vadgama. Development of bacterial resistant polyurethane for coating medical devices. *J Biomed Mater* 2012; 7: 107-127.
28. **A. Moshaverinia**, N. Roohpour, W.W.L. Chee and S.R. Schricker. A review of powder modifications in conventional glass-ionomer dental cements. *J Mater Chem* 2011; 21: 1319-1328.
29. **A. Moshaverinia**, WWL. Chee, W.A. Brantley, and S.R. Schricker. Surface properties and bond strength measurements of N-vinylcaprolactam (NVC)-containing glass-ionomer cements. *J Prosthet Dent* 2011; 105:181-193.
30. **A. Moshaverinia**, S. Ansari, N. roohpour, S.R. Schricker and WWL. Chee. Effects of N-vinylcaprolactam containing polyelectrolytes on hardness, fluoride release and water sorption of conventional glass ionomers. *J Prosthet Dent* 2011; 105: 323-331.
31. **A. Moshaverinia**, S. Ansari, M. Moshaverinia, S.R. Schricker, W.W. Chee. Ultrasonically set novel NVC-containing glass-ionomer cements for applications in restorative dentistry. *J Mater Sci Mater Med.* 2011; 22: 2029-34.
32. **A. Moshaverinia**, W.A. Brantley, W.L.L. Chee, N. Roohpour, S. Ansari, F. Zheng; R.H. Heshmati; J.A. Darr; S.R. Schricker; I.U. Rehman. Measure of micro hardness, fracture toughness and flexural strength of N-vinylcaprolactam (NVC)-containing glass-ionomer dental cements. *Dental Materials* 2010; 26:1137-43.
33. N. Roohpour, J.M. Wasikiewicz, **A. Moshaverinia**, D. Paul, M.F. Grahn, I.U. Rehman and P. Vadgama. Polyurethane Membranes Modified with Isopropyl Myristate as a Potential Candidate for Encapsulating Electronic Implants: A Study of Biocompatibility and Water Permeability. *Polymers* 2010, 2, 1-12.
34. **A. Moshaverinia**, N. Roohpour and I.U. Rehman. Synthesis and characterization of a novel N-vinylcaprolactam (NVC) containing acrylic acid terpolymer for applications in glass-ionomer dental cements (GIC). *Acta Biomaterialia* 2009; 5: 2101-8.
35. **A. Moshaverinia**, N. Roohpour and I.U. Rehman. Synthesis and characterization of novel fast set proline derivative containing glass-ionomer cement with enhanced mechanical properties. *Acta Biomaterialia* 2009; 5: 498-507.
36. **A. Moshaverinia**, N. Roohpour, J.A. Darr and I.U. Rehman. Synthesis of a proline modified acrylic acid copolymer in supercritical CO₂ for glass-ionomer dental cement applications. *Acta Biomaterialia* 2009; 5: 1656-1662.
37. **A. Moshaverinia**, N. Roohpour, S. Ansari, M. Moshaverinia, J.A. Darr, S.R. Schricker and I. Rehman. Effects of N-vinylpyrrolidone (NVP) containing polyelectrolytes on surface properties of conventional glass-ionomer cements (GIC). *Dental Materials* 2009; 25:1240-7.
38. N. Roohpour, J.M. Wasikiewicz, **A. Moshaverinia**, D. Paul, I.U. Rehman and P. Vadgama. Isopropyl Myristate-Modified Polyether-Urethane Coatings as Protective Barriers for Implantable Medical Devices. *Materials* 2009, 2, 719-733.
39. **A. Moshaverinia**, S. Ansari, M. Moshaverinia, N. Roohpour, J.A. Darr and I.U.

Rehman. Effects of incorporation of hydroxyapatite and fluoroapatite nano-bioceramics into conventional glass-ionomer cement (GIC). *Acta Biomaterialia* 2008; 4: 432-440.

40. **A. Moshaverinia**, N. Roohpour, S. Ansari, R.W. Billington, JA Darr and I.U. Rehman. Synthesis of N-vinylpyrrolidone modified acrylic acid copolymer in supercritical fluids and its application in dental glass-ionomer cements. *Journal of Material Science: Materials in Medicine* 2008; 19: 2705-2711.

41. **A. Moshaverinia**, S. Ansari, Z. Movasaghi, R.W. Billington, JA Darr and I.U. Rehman. Modification of conventional glass-ionomer cements with N-vinylpyrrolidone containing polyacids, nano-hydroxy and fluoroapatite to improve mechanical properties. *Dent Mater* 2008; 24: 1381-1390.

42. **A. Moshaverinia**, F. Zheng, S.R. Schricker and A.R. Mohammad. 2008. Review Article: Root caries in the Geriatric Population: Epidemiology, Etiology, Diagnosis, Treatment Planning and Modalities of Treatment. *Dental Forum*. Vol. XXXVI, 2: 63-70.

43. Y. Jang, K. Takanashi, D. Cascione, and **A. Moshaverinia**. Aesthetic Transformation. *Spectrum Dialogue* 2011; 10: 19-26.

44. D. Cascione, T. Gabi, J. Goldberg, **A. Moshaverinia** and M. Reshad. Porcelain Buildup Inspired by Nature. *QDT* 2012. 35:201- 210.

CONFERENCE PUBLICATIONS

1. **A. Moshaverinia**, X. Xu, C. Chen, and S. Shi. Tendon tissue engineering using stem cells derived from the periodontal ligament or gingival tissue sources. *J Dent Res, Special Issue, A*. Abstract No. 3250, 2015.

2. **A. Moshaverinia**, S. Ansari, H. Zadeh. Mesenchymal Stem Cells in A Nano-reinforced Photocrosslinkable Adhesive Hydrogel: Novel Treatment Modality for Peri-implantitis. Academy of Osseintegration. 2015.

3. **A. Moshaverinia**, X. Xu, C. Chen, and S. Shi. Engineering cartilage with stem cells derived from orofacial sources. *J Dent Res, Special Issue, A*. Abstract No. 165, 2014.

4. S. Ansari, **A. Moshaverinia**, and H.H. Zadeh Functionalization of scaffolds with chimeric anti-BMP-2 antibodies for osseous regeneration. *J Dent Res, Special Issue, A*. Abstract No. 1392, 2014.

5. **A. Moshaverinia**, C. Chen, K. Akiyama, X. Xu, W. Chee, S. Schricker, and S. Shi. Dental mesenchymal stem cells: promising approach for bone tissue engineering. *J Dent Res, Special Issue, A*. Abstract No. 110, 2013.

6. S. Ansari, S. Pi, J. Ranaan, **A. Moshaverinia**, and H.H. Zadeh. Application of chimeric monoclonal anti-BMP-2 antibody in bone regeneration. *J Dent Res, Special Issue, A*. Abstract No. 19, 2013.

7. **A. Moshaverinia**, C. Chen, K. Akiyama, S. Schricker, S. Shi and W. Chee. Stem Cell therapy for Periodontal Tissue Regeneration: An in vitro Study. *J Dent Res, Special Issue, A*. Abstract No. 56, 2012.

8. T.J. Ahn and **A. Moshaverinia**. Water sorption and dimensional stability of an experimental glass-ionomer cement. *J Dent Res, Special Issue, A*. Abstract No. 1296, 2012.

9. S. Ansari, F.O. Friere, E. Pang, Y. Pi, A. Bakahj, **A. Moshaverinia** and H Zadeh. Evaluation of Scaffolds Functionalized with Anti-BMP-2 Antibody in Promoting AMOR. *J*

Dent Res, Special Issue, A. Abstract No. 1164, 2012.

10. **A. Moshaverinia**, W.A. Brantley, S. Ansari, W.W. Chee and S.R. Schricker. Surface Properties and Bond Strength Measurements of N-vinylcaprolactam (NVC)-containing Glass-ionomers. *J Dent Res, Special Issue, A. Abstract No. 1008, 2010.*

11. **A. Moshaverinia**, F. Zheng, N. Roohpour, S. Ansari and S. Schricker. 2009. Effects of N-vinylcaprolactam containing polyacids on fracture toughness of GICs. *J Dent Res, Special Issue A. Abstract No. 1032, 2009.*

12. N. Roohpour, **A. Moshaverinia**, S. Qasim and I. Rehman. 2009. Development of a novel antibacterial membrane for guided tissue regeneration. *J Dent Res, Special Issue, A. Abstract No. 3253, 2009.*

13. **A. Moshaverinia**, N. Roohpour, S. Ansari, et al. Effects of N-vinylpyrrolidone containing polyelectrolytes on surface properties of GICs. *J Dent Res, Special Issue, A. Abstract No. 203, 2008.*

14. **A. Moshaverinia**, S. Ansari, Z. Movasaghi, R.W. Billington, JA Darr and I.U. Rehman. Mechanical Properties of GIC Modified with N-vinylpyrrolidone, Nano-hydroxy and Fluoroapatite. British Society for Dental Research NOF Joint Scientific Meeting: Durham, April 2nd-5th, 2007.

**PRESENTATIONS
INVITED TALKS**

1. Tendon tissue engineering using stem cells derived from the periodontal ligament or gingival tissue sources. International Association for Dental Research, Boston, MA 2015.

2. Mesenchymal Stem Cells in A Nano-reinforced Photocrosslinkable Adhesive Hydrogel: Novel Treatment Modality for Peri-implantitis. Academy of Osseointegration. San Francisco 2015.

3. Dental Ceramics: A Clinical Perspective on Material Selection. Iranian General dentists Association. Tehran, Iran, 2015.

4. A Clinical Perspective on Bonding of Dental Ceramics. Iranian General dentists Association. Tehran, Iran, 2015.

5. Craniofacial tissue regeneration using dental mesenchymal stem cells. Korean Academy of Periodontology. Seoul, Korea, 2014.

6. Stem cell mediated tissue engineering: A prosthodontist's point of view. Seoul National University, School of Dentistry, Dental research Center, Seoul, Korea, 2014.

7. Craniofacial tissue regeneration using dental mesenchymal stem cells. Wonkwang University, College of Dentistry, Iksan Korea, 2014.

8. A Clinical Perspective on Ceramic Dental Material Selection. Palm Springs, CA 2014.

9. Dental Ceramics: A Clinical Perspective on Material Selection. 39th Annual USC International Periodontal and Implant Symposium. Los Angeles 2014.

10. Complex implant reconstructions. USC-Taiwan Implant Symposium. Los Angeles 2013.

11. Engineering cartilage with stem cells derived from orofacial sources. Keynote Address; Translating Research into the Clinic. American Association for Dental Research, Charlotte, NC 2014.

12. Dental mesenchymal stem cells: promising approach for bone tissue engineering. International Association for Dental Research. Seattle, WA, 2013.
13. Stem Cell therapy for Periodontal Tissue Regeneration. American Association for Dental Research. Tampa, FL, 2012.
14. Stem Cell therapy for Periodontal Tissue Regeneration. American Prosthodontic Society. Chicago, IL, 2012.
15. Full Mouth Rehabilitation of a Patient with Ectodermal Dysplasia with Implant Supported Prosthesis. American Academy for Fixed Prosthodontics. Chicago, IL, 2012.
16. T. Gabi and A. Moshaverinia. Inflammatory and Microbial Profile of Gingival Crevicular Fluid Around a Novel Pontic Design. American Academy for Fixed Prosthodontics. Chicago, IL, 2012.
17. Effects of Hydrophilic Monomers on Physical Properties of Glass-ionomer Cements. The American Prosthodontic Society. Chicago, IL. 2010.
18. Mechanical Properties of Novel NVC-containing Glass-ionomer Dental Cements. Hayes Graduate Research Forum Awards. Ohio State University, Columbus, OH. 2009.
19. Synthesis and Characterization of a Novel NVC Containing Acrylic Acid Terpolymer for Applications in Glass-Ionomer Dental Cements. American Chemical Society, 40th Central Regional Meeting. Columbus, OH, 2008.

**EDITORIAL
& SERVICE
ACTIVITIES**

JOURNAL MANUSCRIPT REVIEWER

Member of editorial review board: Journal of Prosthetic Dentistry
Biomaterials
Journal of Dentistry
Journal of Prosthodontics
Connective Tissue Research
Journal of Esthetic and Restorative Dentistry
International Journal of Nanomedicine
Journal of Dental Research
Tissue Engineering Part A

TABLE CLINIC/POSTER JUDGE

American College of Prosthodontists Annual Meeting, New Orleans, LA 2014
American College of Prosthodontists Annual Meeting, Las Vegas, NV 2013
USC Research Day, Ostrow School of Dentistry of USC, Los Angeles, CA 2014
USC Research Day, Ostrow School of Dentistry of USC, Los Angeles, CA 2015

IADR/AADR Board of Directors and Committees

Member of IADR/Heraeus Travel Award Committee (2014-present)
Member of AADR Ethics in Dental Research Committee (2014-present)

**PROFESSIONAL
MEMBERSHIP**

Fellow, American College of Prosthodontics (ACP)
Member, American Association for the Advancement of Science (AAAS), (2011 to present)
Member, American College of Prosthodontics (ACP), (2009 to present)
Member, American Prosthodontic Society (APS), (2010 to present)
Member, International Association for Dental Research (IADR), (2006 to present)
Member, American Association for Dental Research (AADR), (2007 to present)
Member, Society for Biomaterials (SFB), (2014 to present)

Member, Iranian Medical Council, (2004 to present)
Member, Iranian National Chemistry Olympiad team, (1998)

**GRANTS &
RESEARCH
FUNDING**

National Institute of Dental and Craniofacial Research (NIDCR)/NIH
K08DE023825

“A novel stem cell based delivery system to improve bone tissue regeneration”
Principal Investigator: **Alireza Moshaverinia**
Total direct cost: \$620,000
Period: 2014-2019

IADR/GSK

IADR Innovation in Oral Care Award
“Regenerative treatment of peri-implantitis using mesenchymal stem cells”
Principal Investigator: **Alireza Moshaverinia**
Total direct cost: \$75,000
Period: 2015 – 2016

Zumberge Individual Award

“Regenerative treatment of peri-implantitis”
Principal Investigator: **Alireza Moshaverinia**
Total direct cost: \$30,000
Period: 2015 – 2016

American College of Prosthodontists Education Foundation (ACPEF)

GSK Innovator Award
“Novel Treatment Modality for Biofilm-mediated Peri-implant Bone Loss: Application of Encapsulated Gingival Mesenchymal Stem Cells (GMSCs) in Silver Alginate Hydrogel”
Principal Investigator: **Alireza Moshaverinia**
Total direct cost: \$15,000
Period: 2014 – 2015

Ostrow School of Dentistry of USC

Faculty Seed Grant
“Novel Treatment Modality for Peri-implantitis”
Principal Investigator: **Alireza Moshaverinia**
Total direct cost: \$10,000
Period: 2014 - 2015

Provost’s Postdoctoral Scholar Research Grant, USC Office of Postdoctoral Affairs

“Antibody assisted stem cell mediated bone regeneration”
Principal Investigator: **Alireza Moshaverinia**
Total direct cost: \$25,000
Period: June 1, 2013 to May 31, 2014

National Institute of Dental and Craniofacial Research (NIDCR)/NIH

T90 DE021982
Principal Investigator: Michael Paine
Role: Postdoctoral Fellow
Period: 5/30/2012-11/30/2013

American College of Prosthodontics Educational Foundation

Research Fellowship in Prosthodontics
“Dental mesenchymal stem cells in bone regeneration”
Principal Investigator: **Alireza Moshaverinia**
Total direct cost: \$6,000
Period: 7/1/2012-6/30/2013

REFERENCES

Available upon request.