

# Curriculum Vitae

## OMAR SALEH ALAGEEL



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Omar Alageel



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## EDUCATION

- PhD Candidate in Craniofacial Health Sciences, Faculty of Dentistry, McGill University (Montreal, QC, Canada); from 2014-2019, GPA 4.0/4.0.
- MSc in Dental Sciences, Faculty of Dentistry, McGill University (Montreal, QC, Canada); graduated in 2014.
- BSc in Dental Technology program; Collage of Applied Medical Science, King Saud University (Riyadh, Saudi Arabia), GPA of 4.18 / 5; graduated in 2008.

## WORK EXPERIENCES

**1/2016-7/2016:** Part-time Teaching Assistant for Tooth Loss Course; Faculty of Dentistry, McGill University (Montreal, QC, Canada).

**1/2015-7/2015:** Part-time Teaching Assistant for Tooth Loss Course; Faculty of Dentistry, McGill University (Montreal, QC, Canada).

**1/2009 - 4/2010:** Full-time Teaching Assistant position at College of Applied Medical Sciences, Department of dental health; King Saud University (Riyadh, Saudi Arabia).

**9/2006-12/2007:** Clinical Training at the dental laboratory of Alyamama Hospital (Riyadh, Saudi Arabia).

**1/2008-1/2009:** Internship at the dental laboratory of King Fahd Hospital for National Guard (Riyadh, Saudi Arabia).

**6/2007-9/2007:** Summer job at SMSA Inc.; Administration and Human Resources Center (Riyadh, Saudi Arabia).

## AWARDS

**2018:** Best Research Award from Faculty of Dentistry, McGill University (Montreal, QC, Canada).

**2017:** Graduate Research Enhancement and Travel (GREAT) Award by McGill University.

**2016:** Selected to represent Canada in the Unilever Hatton Competition, South Korea.

**2016:** Travel Award by Canadian Association for Dental Research (CADR).

**2015:** 1<sup>st</sup> place in the senior/clinical Science category of the CADR-NCOHR Student Research Award.

**2015:** Unilever Hatton Competitor representing Canada in the International Association for Dental Research (IADR).

**2016, 2014, 2011:** Excellence Awards from the Saudi Arabian Cultural Bureau (SACB) in Canada.

**2014-2019:** Scholarship from King Saud University (Riyadh, Saudi Arabia) for PhD program.

**2013:** Research grant from Ministry of Higher Education in Saudi Arabia.

**2011-2013:** Scholarship from King Saud University (Riyadh, Saudi Arabia) for MSc program.

## PATENTS

1. Caron E, Tamimi Marino F, Alageel O, Alsheghri A, Song J; Computer-aided design and manufacturing of removable partial denture frameworks with enhanced biomechanical properties, 2017 (US20180042708A1).
2. Tamimi F, Cerruti M, Abdallah MN, Alageel O, Le XT, Luo ZY, Retrouvey JM. Bonding between metals and polymers (US 61 739 102).

## PUBLICATION

1. **Alageel O**, Ashraf N, Bessadet M, Nicolas E; Tamimi F, Design-driven prediction of removable partial denture retention is associated with patient satisfaction (Under review in the Journal of Prosthetic Dentistry, 2018).
2. Mansour A, Abu nada L, Al-Waeli H, Mezour MA, Abdallah MN, Kinsella J, Kort-Mascort J, Henderson J, Ramirez-Garcialuna JL, Tran S, El-Kashty O, Mousa H, Taqi D, Al-Hamad F, **Alageel O**, Kaartinen M, Tamimi F, Bone Extracts Immunomodulate and Enhance the Regenerative Performance of Dicalcium Phosphates Bioceramics, (Under revision in Acta Biomaterialia, 2018).
3. Yara Oweis Y, Algizani S, Mezour MA, **Alageel O**, Mahjoubi H, Laurenti M, Abdallah MN, Cerruti M, Tamimi F, Biocompatibility and durability of diazonium adhesives on dental alloys, (Under revision in the Journal of Prosthodontics, 2018).
4. **Alageel O**, Alshegiri A, Algezani S, Tamimi F, Determining the Retention of Removable Partial Dentures, The Journal of Prosthetic Dentistry, 2019
5. Alshegri A, **Alageel O**, Mezour MA, Sun B, Yue S, Tamimi F, Song J, Bio-inspired and Optimized Interlocking Features for Strengthening Metal/Polymer Interfaces in Additively Manufactured Prostheses, Acta Biomaterialia, 2018
6. Alshegri A, **Alageel O**, Caron E, Ciobanu O, Tamimi F, Song J, An analytical model to design circumferential clasps for laser-sintered removable partial dentures, Dental Materials Journal, 2018
7. **Alageel O**, Abdallah MN, Alshegiri A, Song J, Caron E, Tamimi F. Removable partial denture alloys processed by laser-sintering technique. Journal of Biomedical Material Research Part B, 2017
8. Almufleh B, Emami E, **Alageel O**, de Melo F, Seng F, Caron E, Abi Nader S, Al-Hashedi A, Albuquerque R, Feine J, Tamimi F, Patient satisfaction with laser-sintered removable partial dentures: A crossover pilot clinical trial, The Journal of Prosthetic Dentistry, 2017
9. Oweis Y\*, **Alageel O\***, Kozak P, Abdallah MN, Retrouvey JM, Cerruti M, Tamimi F, Metal-composite adhesion based on diazonium chemistry, Dental Materials, 2017. \*contributed equally
10. **Alageel O**, Abdallah MN, Yuan Luo Z, Jaime Del-Rio-Highsmith J, Cerruti M, Tamimi F, Bonding metals to poly(methyl) using aryldiazonium salts, Dental Materials, 2015.

## BOOK CHAPTERS

1. Alageel O, Wazirian B, Almufleh B, Tamimi F, Fabrication of dental restorations using digital technologies: techniques and materials; Digital Restorative Dentistry, Springer Nature
2. Almufleh B, Tamimi F, Caron E, Alageel O, Clinical Procedures of Partial Removable Dental Prostheses; Digital Restorative Dentistry, Springer Nature.

## RESEARCH ACTIVITY

### Presentation

**2018-** Prediction of the Retention of Removable Partial Dentures (RPDs), Dentistry Research Day, McGill University.

**2017-** Clasps Retention for Laser-Sintered Removable Partial Dentures (RPDs); IADR (International Association for Dental Research); San Francisco, California.

**2016-** Laser-Sintered Removable Partial Dentures (RPDs) Translation from Lab to Clinic; Unilever Hatton Competition & Awards, Seoul, Korea.

**2016-** Laser-Sintered Removable Partial Dentures (RPDs) Translation from Lab to Clinic; IADR (International Association for Dental Research), Seoul, Korea.

**2016-** Characterization of Alloys Produced with New System for Processing Dental Prosthesis; Dentistry Research Day, McGill University.

**2016-** Metals-to-Composite Dental Adhesives Based on Diazonium Chemistry; World Biomaterials Congress, Montreal, QC.

**2016-** Characterization of Alloys Produced with New System for Processing Dental Prosthesis; World Biomaterials Congress, Montreal, QC.

**2016-** Characterization of Cobalt-Chromium alloy produced with laser-sintering technology for processing dental prosthesis; Dentistry Research Day, McGill University, Montreal, QC.

**2013-** Bonding Metals to Poly-Methyl Methacrylate Using Aryldiazonium Salts; Materials Research Society (MRS), Boston, USA; 2013.

**2012-** Bonding Titanium to poly-methyl methacrylate for dental prosthesis; Dentistry Research Day, McGill University

**2011-** Bonding metals to polymers for dental application; Dentistry Research Day, McGill University.

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## EXTRA-CURRICULAR ACTIVITIES

### Workshops

- Persuasive Public Speaking; McGill University (Montreal, QC, Canada); 2018.
- AGSEM Teaching Assistant Training; McGill University (Montreal, QC, Canada); 2018.
- Leading Effective Discussions series, Facilitation Essentials; McGill University (Montreal, QC, Canada); 2018.
- Graduate Teaching Workshop; McGill University (Montreal, QC, Canada); 2017.
- Teaching techniques for Instructors workshop, McGill University (Montreal, QC, Canada); 2017.
- Learning to Teach Day; McGill University (Montreal, QC, Canada); 2015.
- Learning to Teach Day; McGill University (Montreal, QC, Canada); 2012.
- Leading Effective Discussions: Facilitation Skills for Graduate Students; McGill University; 2012.
- 20<sup>th</sup> Saudi Dental society & 2<sup>nd</sup> National Guard New Dental Era International Conference & Workshops; King Fahad Cultural Center (Riyadh, Saudi Arabia); 2009.
- Latest in Dental Technology; Dental Technology Club; King Saud University (Riyadh, Saudi Arabia); 2009.
- 3MESPE, Lava Precision Solution, Zirconia; College of Applied medical sciences; (Riyadh, Saudi Arabia); 2009.
- Dental implant; STRAUMANN Inc.; King Fahd Hospital for National Guard, (Riyadh, Saudi Arabia); 2008.
- Restoration of Dentition; King Fahad Hospital (AL Khobar, Saudi Arabia); May 7-8, 2008.
- First Dental Technology Day; College of Applied Medical Sciences (Riyadh, Saudi Arabia); 2008.
- Ceramco 3, Porcelain Technique; Dentsply; College of Applied Medical Sciences (Riyadh, Saudi Arabia); 2007.

### Courses

- Foundations of Project Management, Mitacs Inc. (Montreal, QC, Canada); 2019.
- Basic Business Skills for non-Business Graduate students; McGill University (Montreal, QC, Canada); 2018.
- Leadership Mini Courses; McGill University (Montreal, QC, Canada); 2016.
- Fundamental of Academic Presentations, McGill University (Montreal, QC, Canada); 2016.
- Hazardous Waste Disposal Training for Laboratory Personnel; McGill University; 2011 and 2015.
- WHMIS Core Training for laboratory personnel; McGill University; 2011.
- Safe Use of Biological Safety Cabinets; McGill University; 2011.
- Skills Development Program of Scientific Research; King Saud University (Riyadh, Saudi Arabia); 2009
- The Excellent Speech and Influence People; King Saud University; (Riyadh, Saudi Arabia); 2009.
- How to Explain Your Thoughts and Your Feelings Clearly to Others; National Center for Youth Studies (Riyadh, Saudi Arabia); 2008.
- How to Manage Your Time Effectively; National Center for Youth Studies (Riyadh, Saudi Arabia); 2008.

## Skills

- Graphic design.
- Research skills.
- Software programing: Visual Basics.
- Computer skills: Microsoft office, Adobe Photoshop.

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## MEMBERSHIPS

- Canadian Biomaterials Society (CBS), 2015-2017
- International Association for Dental Research (IADR/) 2014-2017.
- Materials Research Society, 2013-2015
- Student Council representing the collage of Applied Medical Sciences; King Saud University; 2008-2009
- Saudi Dental Society, Saudi Arabia
- Dental Technology Club; Riyadh, Saudi Arabia.
- National Center for Youth Studies; Saudi Arabia.

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## LANGUAGES

Arabic: First language.

English: Very good.

- Pronunciation for Effective Communication, McGill University (Montreal, QC, Canada); 2015.
- Graduate Writing course; McGill University, (Montreal, QC, Canada); 2012.
- Academic wiring course; University of Toronto, (Toronto, ON, Canada); 6/2011 (4 weeks)
- Comprehensive English courses; University of Toronto, (Toronto, ON, Canada); 2/2011-6/2011.
- Academic English courses at Culturworks institute (London, On, Canada); 4/2010-16/1/2011.
- English course at Van West College (Vancouver, BC, Canada) for 2009 (4 weeks).
- English course at Alfaisal Academic, (Riyadh, Saudi Arabia) 2007.

French: basic

- French conversion course, McGill University, (Montreal, QC, Canada); 2012 and 2014.

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Thank you for reading My CV

Omar Alageel