



# Khalil Shahramian

DDS, PhD

☺ As a dentist and researcher - focused on optimizing dental implant materials  
☺ As a Soft-Skills Trainer - passionate about dental education and simplifying science  
☺ As a Nordic Talent Ambassador - interested in international collaborations.

✉ khalsha@utu.fi

📞 +358 40 1424041

📍 Turku, Finland

🌐 [Linkedin.com/in/khalilshahramian](https://www.linkedin.com/in/khalilshahramian)

## EDUCATION

**Doctor of Odontology (PhD)**  
Prosthetic Dentistry, University of Turku (UTU)

3/2015 - 05/2019

Turku, Finland

**Doctor of Dental Surgery (DDS)**  
University of Sharjah

8/2008 - 06/2014

Sharjah, United Arab Emirates

## PROFESSIONAL APPOINTMENT

**University Teacher**

Department of Prosthetic Dentistry, Institute of Dentistry, University of Turku

5/2019 - Present

Turku, Finland

- Independent research work.
- Active ongoing research collaborations with Aalto University (Finland), University of North Carolina (USA) and Virginia Commonwealth University (USA).
- Teaching fixed prosthodontics tooth preparations using advanced digital 3D models and systems.
- Participation and speaking at several national and international conferences.

**Full-time Doctoral Candidate and Research Staff**

Department of Prosthetic Dentistry, Institute of Dentistry, University of Turku

1/2017 - 04/2019

Turku, Finland

- Learning to conduct independent research.
- Publish 4 articles as first author & a Thesis Book.
- Gain teaching experience.
- Acquire a total of 40 credits ECTS from graduate school courses (1 ECT = 27 hours).

## PERSONAL PROJECT

**Scientific Presentation Skills - What to Say and How to Say it? - (2018 - Present)**

This is an Educational Initiative to equip researchers and academic staff with the skills to present their valuable knowledge effectively.

- Conducted workshop during TUMBTS autumn seminar on How to present your research in just a few minutes.
- Conducted workshop during Lifespan symposium on How to succeed in international grant calls?
- Conducted workshop during Psychology and Philosophy of the Mind Symposium.
- Trained 3MT competitors at University of Turku.
- Conducted several workshops for entrepreneurial societies in Turku and Helsinki, Finland.

## PUBLICATIONS

*Peer Reviewed Article*

**TiO<sub>2</sub> coating and UV photofunctionalization enhance blood coagulation on zirconia surfaces.**

Shahramian K, Abdulmajeed A, Kangasniemi I, Söderling E, Närhi TO. (BioMed Research International)

**TiO<sub>2</sub> Modified Zirconia Surface Improves Epithelial Cell Attachment.**

Riivari S\*, Shahramian K\*, Willberg J, Närhi, T. (The International Journal of Oral & Maxillofacial Implants)

**Sol-gel derived bioactive coating on zirconia: effect on flexural strength and cell proliferation.**

Shahramian K, Leminen H, Meretoja V, Linderbeck P, Kangasniemi I, Lassila L, Abdulmajeed AA, Närhi TO. (Journal of Biomedical Materials Research - Part B)

**Impact of gastric acid challenge on surface topography and optical properties of monolithic zirconia.**

Sulaiman TA, Abdulmajeed AA, Shahramian K, Hupa L, Lassila LV, Donovan TE, Vallittu PK, Närhi TO. (Dental Materials)

## PUBLICATIONS

*Peer Reviewed Article*

**Effect of different treatments on the flexural strength of fully vs. partially stabilized monolithic zirconia.**

Sulaiman TA, Abdulmajeed AA, Shahramian K, Lassila L (Journal Of Prosthetic Dentistry)

**The effect of rubber dam on atmospheric bacterial aerosols during restorative dentistry.**

Al-Amad S, Awad M, Edher FM, Shahramian K, Omran TA. (Journal of infection and public health)

*Doctoral Thesis*

**Gingival tissue attachment and blood responses to nanoporous bioactive coatings on zirconia.**

Shahramian K. (University of Turku)

- *Supervisor:*  
Prof. Timo Närhi (University of Turku)
- *Opponent:*  
Prof. Klaus Gotfredsen (University of Copenhagen)
- *Reviewers:*  
Prof. Timo Sorsa (University of Helsinki)  
Prof. Håvard J Haugen (University of Oslo)

## DOCTORAL STUDIES & SKILLS DEVELOPMENT

**Faculty of Medicine Postgraduate Education Unit**  
Philosophy of Medicine ☉ General Research Methods ☉  
How to Acquire and Present Knowledge in the 21st Century  
☉ Working Life Outside Academia

**Pedagogical Studies**  
Becoming a Teacher ☉ How to Plan My Teaching ☉  
Lecturing and Expertise ☉ Pedagogical Studies Integrative  
Module

**Centre for Language and Communication  
St./English**  
Research Projects and Grant Applications - Lectures and  
Workshop ☉ Advanced Academic Writing ☉ Writing Grant  
Proposals ☉ Oral Presentation Skills

**Statistics**  
Statistical Thinking and Performing Basic Analyses Using  
JMP ☉ Basics of Statistics ☉ Excel Advanced

**Åbo Akademi University joint courses**  
Functional Materials at Biological Interfaces, Intensive  
Course ☉ Functional Materials at Biological Interfaces Lab  
workshop

**Studies in Field of Business**  
Business Essentials for Scientists ☉ Facilitating Creative  
Expert Work

**FINDOS (Finnish Doctoral Program in Oral Sciences)  
Symposiums**  
Tissue Engineering ☉ Lasers in Restorative Dentistry ☉  
Medications in Dentistry ☉ Dental Fear and Anxiety - How  
To study & How to treat.

## CERTIFICATION COURSES

**Competence Course for Persons Who Carry  
Out Experimental Procedures in Animals -  
Faculty of Medicine, UTU (06/2016)**  
Licensed to perform animal experiments in Europe.

**How to Design, Publish and Critically Appraise  
Published Clinical Trials in Dentistry -  
University of Helsinki (09/2015)**  
Participated and passed course.

**BLS (Basic Life Support) Healthcare Provider  
Course - American Heart Association  
(07/2014)**  
Participated and passed course.

## RESEARCH ACTIVITY

**Talk given at European Prosthodontics  
Association 39th Annual conference - Madrid,  
Spain (09/2018)**

*Title*

- Sol-gel derived bioactive coatings on zirconia  
enhance biomechanics of soft-tissue  
attachment

**Talks given at FINDOS Seminars - Turku  
Finland (2017 - Present)**

*Title*

- Bioactive zirconia as an implant abutment

**Poster presented at Finland-Japan Implant  
workshop (05/2018)**

*Title*

- Thrombogenicity of sol-gel derived TiO<sub>2</sub> coated  
zirconia

**Talk given at the CED-IADR/NOF Oral Health  
Research Congress - Vienna, Austria  
(09/2017)**

*Title:*

- Thrombogenicity of sol-gel derived TiO<sub>2</sub> coated  
zirconia

**Poster presented at NOF Hatton Award  
Competition during the CED-IADR/NOF Oral  
Health Research Congress - Vienna, Austria  
(09/2017)**

*Title*

- Thrombogenicity of sol-gel derived TiO<sub>2</sub> coated  
zirconia

**Participated at Turku Dental Biomaterial  
Summer School - Turku Archipelago,  
Parainen, Finland (2016)**

## RESEARCH ACTIVITY

### Talk given at Turku Biomaterials Days - Interfaces and Interphases - Turku, Finland (10/2017)

*Title*

- Bioactive zirconia as a dental implant abutment

### Posters presented at Department of Physics and Astronomy Annual Meetings (MatSurf) (2017 - 2016)

*Title (year)*

- Thrombogenicity of sol-gel derived TiO<sub>2</sub> coated zirconia (2017)
- Sol-gel derived bioactive coating on zirconia: effect on flexural strength and cell proliferation (2016)

### Talk given at the Kick-Off seminar Biomaterials and Medical Device Research Program - Turku, Finland (12/2016)

*Title*

- Bioactive zirconia as a dental implant abutment

### Online webinar given at FINDOS National Seminar (09/2016)

*Title*

- Sol-gel derived bioactive coating on zirconia

### Talk given at Nordic Young Scientists Conference in Odontology (08/2016)

*Title*

- Sol-gel derived bioactive coating on zirconia: effect on flexural strength and cell proliferation

### Poster presented at Helsinki FINDOS Spring Festival of Science - Helsinki, Finland (12/2015)

*Title*

- Effect of gastric acidic challenge on surface topography of monolithic zirconia

### Poster presented at European Prosthodontics Association 39th Annual conference - Prague, Czech Republic (09/2015)

*Title*

- Effect of gastric acidic challenge on surface topography of monolithic zirconia

## REFERENCES

### Prof. Timo Närhi

“Supervisor and Head of Prosthetic Dentistry Department, Institute of Dentistry, University of Turku, Finland”

Contact: [timnar@utu.fi](mailto:timnar@utu.fi)

### Prof. Pekka Vallittu

“Dean, Institute of Dentistry, University of Turku, Finland”

Contact: [pekka.vallittu@utu.fi](mailto:pekka.vallittu@utu.fi)

### Prof. Richard Simonsen

“Mentor and previous dean, College of Dental Medicine, University of Sharjah, UAE”

Contact: [richardsimonsen@gmail.com](mailto:richardsimonsen@gmail.com)

## FUNDING AND AWARDS

### Funded Doctoral Candidate Position, valued at €28,700 per year for 2.5 years. (2017 - 06/2019)

*Finnish Doctoral Programme in Oral Sciences - FINDOS*

### Nordic Travel Stipend, valued at 500€ (2017)

*Scandinavian divisions (NOF) of the International Association for Dental Research (IADR).*

### European Travel Grant, valued at 800€ (2015)

*FINDOS Turku*

### 3-Minute Thesis (3MT) Competition Winner Award, valued at 1500€ (2018)

*University of Turku*

### European 3-Minute Thesis (3MT) Competition Winner Award, valued at 3000€ (2018)

*Coimbra Group Universities*

## ACHIEVEMENTS AND ACTIVITIES

### 3 Minute Thesis® Finalist, People's choice & Winner at University of Turku, Finland (2018)

### 3 Minute Thesis® Finalist & Winner at Coimbra Group Universities - Europe (2018)

### Nordic Talent Ambassador @Join the Nordics (2018-present)

### Student Ambassador @Ambassador Network of South-West Finland (2018-2019)

### Organized the Nordic Young Scientists Conference in Odontology in Tuusula, Helsinki Finland (08/2016)

*Roles: ○Organizing committee ○Session Chair ○Poster Judge*

### Life-time honorary member, University of Sharjah Dental Students' Association (2013-present)

## LANGUAGES

### English

*Native/Bilingual Proficiency*

### Persian

*Native/Bilingual Proficiency*

### Arabic

*Professional Proficiency*

### Urdu

*Professional Proficiency*

### Finnish

*Intermediate Proficiency*