

Stanford

Somayeh H. Ahmad, DDS, Dr. Med. Dent.

- Affiliate, Surgery - Plastic and Reconstructive Surgery
- Visiting Postdoctoral Scholar, Surgery - Plastic and Reconstructive Surgery

Bio

BIO

Care and communication are integral parts of what makes us human. As a Pediatric Dentist, I feel I have a special role in helping pediatric patients to overcome their anxiety and develop trust and communication with their caregiver. I have been fortunate to work with a wide variety of patients, young and adults, whom unfortunately have anxiety attending dental clinics to receive care, which jeopardized their oral health and further their overall health and lifestyle. My passion is to help and educate patients and their family about these areas that so many of us take for granted. My clinical and research training have helped me to gain a valuable perspective on the importance of my career across health and educational settings.

At Stanford, I am working in the Division of Cosmetic and Reconstructive Surgery within the Department of Surgery, in which I am exposed to variety of oral and craniofacial cases, including head and neck cancers in pediatric patients. This gives me a unique opportunity to work and collaborate with a multidisciplinary team that includes a wide range of healthcare professionals as well as medical and dental specialists. At Stanford, I am able to deepen my knowledge and pass that along to patients.

My training in pediatric and preventive dentistry has been integrated into my research and patient care. I completed my specialization in Preventive and Pediatric Dentistry at the University of Ernst–Moritz–Arndt Greifswald, Greifswald, Germany and I received my Dr. Med. Dent. (equivalent to DMSc/Ph.D) with Magna Cum Laude, in 2015. In my doctoral thesis (Advisor: Prof. Christian H. Splieth), I studied “Molar-Incisor Hypomineralisation” in developing/developed countries and investigated possible correlation with caries, fluorosis, and socioeconomic status. Furthermore, I worked as a Clinical Instructor in pre-doctoral pediatric sessions at the University of Ernst–Moritz–Arndt Greifswald. During the four years of my specialization, I volunteered to deliver dental public health services at kindergartens, primary schools, and refugee camps in the city Greifswald. In addition, I have a wide experience in working at various pediatric hospital settings treating pediatric patients with special needs and I am well qualified to use conscious sedation techniques. I received my Doctor of Dental Surgery (D.D.S.) degree in 2010 from the Ajman University (AU) School of Dentistry, Ajman, UAE. Following my graduation, I enrolled in a one-year internship program in General Dentistry (2010-2011) at AU School of Dentistry.

From April 2013 to October 2014, I worked as a Research Assistant in the Genomics and Proteomics Laboratory (Advisor: Prof. Uwe Volker; Mentor: Dr. Manuela Salazar) at the University of Ernst–Moritz–Arndt Greifswald. This opportunity had furthered my interest in scientific research and enhanced my laboratory skills to investigate oral and dental diseases. Specifically, I was involved in research projects addressing the characterization of the human saliva proteome in order to identify significant biomarker pattern associated to chronic periodontitis, as well as studying proteomic data from whole saliva, which are associated with the development of oral mucositis in head and neck cancer patients undergoing radiotherapy. Beside the experimental lab work, I was also involved in the post-processing of mass spectrometry (MS) data.

I have a multicultural family, and I love to learn about different cultures. Also, I speak five languages at different proficiency levels.