

## Orthodontic Faculty Development Fellowship Award

**Flavio Jose Castelli Sanchez, D.D.S., M.S., Assistant Professor.  
Department of Orthodontic at The University of Illinois at Chicago**

Dr. Sanchez obtained his Orthodontic Certificate in 1993 from the Association of Dental Surgeons of Sao Paulo and master degree in oral sciences focused in orthodontics in 2003 from SL Mandic dental School - Campinas - Brazil. Dr. Sanchez has been teaching the Bioprogressive philosophy since 2004, starting the Ortho Program at the Dental Surgeon's Association in the city of Campinas - SP., where he has his privet practice.



In 2006 joined the Specialization Ortho Program at Sao Leopoldo Mandic University as a full time faculty on the Bioprogressive program teaching and conducting researches based on sectional mechanics associated with different growth patterns. Dr Sanchez was also involved as adjunct lecturer at the Department of Orthodontics at the University of Illinois at Chicago since 2010 where he took part on the creation and development of the Web based Bioprogressive Portal, as well as an active researcher on the growth and development of craniofacial complex and on orthodontic treatment planning. Dr. Sanchez has become a full time clinical assistant professor at UIC since August 2017 on the Orthodontic department and also as the biomechanics' discipline coordinator. On 2018, joined the multidisciplinary project on the development of diagnoses and treatment plan optimized sequences using an AI Machine Learning technology.

He has been awarded the 2021 Orthodontic Faculty Development Fellowship Award from AAOF, which he proposes to Evaluate Anterior Open Bite Treatment Strategies and Outcomes Using Artificial Intelligence. He will collaborate with Drs. Veerasathpurush Allareddy, Budi Kusnoto ,Michae Millora ,Elnagar Mohhamed and Grace Vianna using this generous AAOF funding as an initial step towards the establishment of a new diagnostic and treatment pattern for Anterior Open bites, that may change the existing protocols and influence on future teaching techniques, therefore enhancing the quality of healthcare to our patients.