

AAO Foundation Award Final Report

Principal Investigator	Jeffrey H. Godel, DDS
Co-Investigator	None
Secondary Investigators	none
Award Type	Robert E. Gaylord Teaching Fellowship Award
Project Title	Orthodontic Faculty Development Fellowship Award
Project Year	2008-2009
Institution	Nova Southeastern University CDM/Section of Orthodontics
Summary/Abstract (250 word maximum)	<p>I was very honored to have received this prestigious award in the name of Dr. Gaylord. During the year I feel that I have matured as a fulltime academician. I owe much of that to this award. It enabled me to establish a plan for myself for the past year. I believe that the most important aspect of my plan involves my pursuit of a Masters in Science and Dentistry. I felt compelled to pursue this avenue for two reasons. First, my intention is to remain in academics for the remainder of my career. I have learned that an important factor in my future was to obtain a masters degree. Second, my program has just switched to a 30 month program in which a masters will be required to be completed for graduation. By me having a masters it will accomplish two things. I will be able to mentor my residents with their thesis's and I believe it will put me in a better position to guide them through the process. I have completed three of the four core courses that are required. I am now in the process of completing my last course by September 2009. My thesis will study if there are any correlations between perceived facial beauty from both a frontal view and a profile view for the same individual. My hope is to defend my thesis by June 2009.</p> <p>In addition, I have also been involved in three research studies this past year. They were as follows. 1. "Depth of TAD Insertion Relative to the Pullout Failure". (presented at 2009 SAO meeting). 2. "Relationship of Airway in Non Extraction Cases vs Four First Bicuspid Extraction Cases". (presented at 2009 SAO meeting). 3. "Effects of Critical Palatal Bone Defect on Craniofacial Growth in a Rat Model"(presented IADR 2009)</p> <p>This was the development of a model to measure growth in a normal rat vs a rat with a cleft palate. The model is now currently being used to determine if the use of umbilical cord stem cells will enhance the repair of a cleft in rats.</p>

	<p>Lastly I have prepared a lecture to be presented for our CE department on CBCT uses in orthodontics.</p>
<p>Were the original, specific aims of the proposal realized?</p>	<p>In my opinion yes.</p>
<p>Were the results published? If not, are there plans to publish? If not, why not?</p>	<p>Rat study abstract was published in the IADR handbook. TAD study was recently submitted to AJO-DO Airway Study was recently submitted to the Angle Orthodontist.</p>
<p>Have the results of this proposal been presented? If so, when and where? If not, are there plans to do so? If not, why not?</p>	<p>Yes See above.</p>