

AAO Foundation Award Final Report

Principal Investigator	David D. Chung, DDS, MS
Co-Investigator	
Secondary Investigators	
Award Type	Orthodontic Faculty Development Fellowship Award
Project Title	
Project Year	2005
Institution	Maimonides Medical Center, Brooklyn, NY
Summary/Abstract (approximately 250 words)	<p>Thanks to the AAOF Faculty Development Award, it has been very busy and productive year. Maimonides orthodontic program enters its third year as a residency program in July, 2006 since the initial accreditation and I continue as a program director engage in full time administration, teaching, and research. Briefly, some of my activities during the funding year with the help from the AAOF was listed as follows:</p> <ol style="list-style-type: none"> 1. Developed a new craniofacial deformity course that is a joint seminar for orthodontic and oral and maxillofacial surgical residents. 2. Initiated to organize a cleft palate team to be recognize by American Cleft Palate Craniofacial Association (ACPA). 3. Purchased audio-visual equipments to enhance teaching. 4. Purchased scientific software including Mathematica, Autocad, and SPSS statistical package for research. 5. Participated continuing education courses offered by AAO, Angle society, Invisalign, Dentaurum, and Damon. 6. Designed a new midline correcting appliance and the result was presented as a scientific poster at 2006 AAO meeting. 7. Besides routine teaching in biomechanics, cephalometrics, and osteology, supervised four resident research projects. 8. Using the afore mentioned software, wrote an article <i>Derivation of Critical Contact Angle as a Function of Torque</i>. It is in the final draft before submission to a journal.

	<p>Again, I do appreciate the support from AAOF and fellow orthodontists. I am now a better qualified orthodontic educator and researcher by the Faculty Development Award from AAOF.</p>
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