

AAO Foundation Award Final Report

Principal Investigator	Lucia Cevidanes
Co-Investigator	
Secondary Investigators	
Award Type	Orthodontic Faculty Development Fellowship Award & Post-doctoral Fellowship Award
Project Title	3D Superimposition of Soft Tissue Changes
Project Year	July 1, 2009 – June 30, 2010
Institution	Department of Orthodontics, University of North Carolina at Chapel Hill
Summary/Abstract (250 word maximum)	Funding from AAOF for 2009-2010 period in the Faculty Development program provided a solid platform for my career. My career goals were (1) to strengthen my clinical skills and teaching portfolio in order to become an effective attending in the graduate clinic and course director of graduate and predoctoral courses; (2) to strengthen my clinical research background by completion of training given through the K award; and (3) to develop an independent research program in the utilization of 3D images for diagnosis, treatment planning, and outcomes assessment that allow me to successfully compete for research funding. Development in these areas provide the skills and knowledge base of an orthodontic educator and researcher with a successful career as a tenured academic faculty member.
Were the original, specific aims of the proposal realized?	Yes. AAOF support provided me the protected time to prepare for and pass the American Board of Orthodontists Certification Examination and become a Diplomate. Successful development of a research program utilizing 3D images for diagnosis, treatment planning and outcomes assessment allowed me to submit a R01 application to further study 3D imaging. I participated in all predoctoral and graduate courses and prepared and presented undergraduate and graduate lectures and seminars.
Were the results published? If not, are	Yes. One paper was published: Cevidanes LHC, Motta A, Proffit WR, Ackerman JL, Styner M. Cranial Base

<p>there plans to publish? If not, why not?</p>	<p>Superimposition for 3D Evaluation of Soft Tissue Changes. <i>Am J Orthod Dentofac Orthop</i> 2010; 137(4 Suppl):S120-9. Another paper was submitted: Almeida RC, Cevidanes LHS, Carvalho FAR, Almeida MAO, Styner M, Turvey T, Phillips C. Tridimensional evaluation of the soft tissue changes and stability after mandible advancement surgery. Submitted <i>Int J Oral Maxillofac Surg</i> May 2010.</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>No. Results from this study have not yet been presented because the statistical analysis had not been completed. We plan to present the results at the 2011 AAO Meeting in Chicago.</p>