

AAO Foundation Award Final Report

Principal Investigator	Eser Tufekci
Co-Investigator	
Secondary Investigators	
Award Type	Eugene E. West Memorial Fellowship Award
Project Title	“Development of a Sustained Fluoride Releasing System”.
Project Year	2005
Institution	Virginia Commonwealth University
Summary/Abstract (250 word maximum)	<p>During this funding year, I directed didactic courses both at the undergraduate and graduate level. In addition, I provided mentorship to the predoctoral students and orthodontic residents in their research projects. I have also prepared for the SRTA dental licensure exam which I have successfully completed in August 2004. A portion of the award was used towards the expenses related to the licensure process.</p> <p>Eugene E. West Memorial Development Fellowship Award helped me to achieve my proposed goals: obtaining a US dental license and establishing a solid research program.</p> <p>I was able to initiate a research project in collaboration with the Department of Chemical & Life Sciences Engineering “Development of a Sustained Fluoride Releasing System”.</p>
Were the original, specific aims of the proposal realized?	<p>Yes. In light of the results obtained from this preliminary study, I was able to establish a study design and I am currently working with the Department of Chemical & Life Sciences Engineering in collaboration on a project that investigates fluoride release from polymers. I am also mentoring Ph.D. candidate Mr. Shadeed Khan who is actively working on this project towards his dissertation titled “Development of a Sustained Fluoride Releasing System”.</p>
Were the results published? If not, are there plans to publish? If not, why not?	<p>Tufekci E, Baturina OA, Lindauer SJ, Wnek GE, Knowles MM and Cain N. Development of a Sustained Fluoride Release Mechanism. J Dent Res 2005;84 (Special Issue):Abstract #3055.</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?	The findings of our study were presented at the annual meeting of the International Association for Dental Research in Baltimore, MD, 2005