

## AAO Foundation Award Final Report

Principal Investigator	Carlos Flores-Mir
Co-Investigator	N.A.
Secondary Investigators	N.A.
Award Type	2006 AAOF Subtelny, Baker, Eastman Teaching Fellowship Award
Project Title	Carlos Flores-Mir's Faculty Development Program
Project Year	July 1 <sup>st</sup> 2006 to June 30 <sup>th</sup> 2007
Institution	University of Alberta
Summary/Abstract (approximately 250 words)	<p><u>a. Educator</u></p> <p>Improvements in the two evidence-based postgraduate courses I teach were secured. The main goals of these courses are to introduce evidence-based dentistry and epidemiological concepts to our residents and encourage critical thinking regarding published information. These courses are aimed to facilitate the selection and application of the overwhelming quantity of new information available for dental/orthodontic practitioners into their clinical practices.</p> <p><u>b. Researcher</u></p> <p>The Cranio-facial &amp; Oral-Health Evidence-based Practice Group (COEPG; <a href="http://www.coepg.org">www.coepg.org</a>) under my guidance continued publishing systematic reviews related to orthodontics and dentistry in general. Seven new systematic reviews and two evidence-based dentistry methodological papers were published during the award period.</p> <p>A multidisciplinary collaboration approach related to engineering and computer sciences for the development of leading new research in three-dimensional analysis of soft tissue orthodontic treatment outcomes was secured.</p> <p><b>3. Benefits for orthodontic education</b></p> <p>Currently there is a lack of sound evidence in almost every area of orthodontics. Orthodontists currently work based on experience and a continuous trial and error approach; therefore, there is a great need of</p>

evidence-based orthodontic decisions. This should not only involve publishing systematic reviews but also increase the related level of knowledge among practitioners.

**4. Importance of AAOF in this plan**

This AAOF award was very important because it provided me with funds to improve my current level of knowledge in evidence-based practices through attendance to the Oxford Systematic Reviews short course, one of the leading institutions in this field. This new award will decrease the level of economical stress associated with an early academic career, a young family and allow me to focus more on my professional development.