

AAO Foundation Award Final Report

Principal Investigator	William R. Proffit, DDS, PhD
Co-Investigator	Kenan Professor, University of North Carolina
Secondary Investigators	And several other investigators through the years
Award Type	Biomedical Research
Project Title	Continuous overnight Observation of Human Tooth Eruption
Project Year	1994
Institution	University of North Carolina
Summary/Abstract (250 word maximum)	<p>This is a long-time research effort, from the late 1980s to the present that received partial support from AAOF in 1994 and perhaps in one other year since then.</p> <p>Work related to the AAOF funding is summarized in a series of publications:</p> <p style="padding-left: 40px;">Lee CF, Proffit WR. The daily rhythm of human premolar eruption. <i>Am J Orthod Dentofac Orthop</i> 107:38-47, 1995.</p> <p style="padding-left: 40px;">Trentini CJ, Brown WH, Paterson RL, Proffit WR. The application of Moire magnification to high precision studies of human premolar eruption. <i>Arch Oral Biol</i> 40:623-629, 1995.</p> <p style="padding-left: 40px;">Trentini CJ, Proffit WR. High resolution observations of human premolar eruption. <i>Arch Oral Biol</i> 41:63-68, 1996.</p> <p style="padding-left: 40px;">Risinger RK, Proffit WR. Continuous overnight observation of human premolar eruption. <i>Arch Oral Biol</i> 41:779-789, 1996.</p> <p style="padding-left: 40px;">Risinger RK, Trentini CJ, Paterson RL, Proffit WR. Continuous observation of human premolar eruption: daily and short-term rhythms. <i>J Am Dent Assn</i> 127:1515-1521, 1996.</p>
Were the original, specific aims of the proposal realized?	Yes
Were the results published? If not, are there plans to publish? If not, why not?	Yes
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>Risinger RK, Proffit WR. Continuous overnight observation of human premolar eruption. <i>Arch Oral Biol</i> 41:779-789, 1996.</p> <p>Risinger RK, Trentini CJ, Paterson RL, Proffit WR. Continuous observation of human premolar eruption: daily and short-term rhythms. <i>J Am Dent Assn</i> 127:1515-1521, 1996.</p> <p>This work was presented at the IADR meeting and at the AAO meeting in 1995.</p>