

**Re: 2001 AAO Foundation Award**

From: Sheldon Baumrind DDS MS  
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To: Richard B. Meyers, D.D.S  
President, AAO FOUNDATION

Cc: Mr. Robert Hazel  
Executive Vice-President, AAO FOUNDATION

Final Report: 2001 AAO Foundation Award

**Implementing the Information-sharing Activities of the Craniofacial  
Research Instrumentation Laboratory at the University of the Pacific**

**Abstract:** This project focused on the development of a prototype web site designed to facilitate sharing of rigorously acquired orthodontic information among interested clinicians and craniofacial investigators. As part of this project, we: 1) Completed the conversion to digital form of the lateral cephalometric images for several orthodontic data sets totaling more than 300 subjects including two longitudinal samples totaling approximately 90 treated and untreated subjects with implants of the Bjork type. 2) Created a prototype software interface which allows most these images to be viewed remotely on the Internet at [www.cril.org](http://www.cril.org). 3) Created a software linkage which permits remote users to overlay upon the images the coordinate locations of most conventional orthodontic landmarks. As resources permit, this repository is being expanded with data from other rigorously acquired samples. We hope to utilize this resource for the conduct of remote interactive clinical investigations in collaboration with interested colleagues in the U.S. and abroad.

**Brief Summary (25 words or less):** A prototype web site for sharing rigorously obtained orthodontic information on a casewise basis has been implemented and may be viewed at [www.cril.org](http://www.cril.org).

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