

AAO Foundation Award Final Report
(a/o 2/12/08)

Principal Investigator	TOM SOUTHARD
Co-Investigator	William H. DeKock, John Casco, Robert Staley and Karin Southard
Secondary Investigators	
Award Type	Center Award
Project Title	Development of an Internet Database for Facial Growth Collections and Database Entry of the Iowa Facial Growth Study Lateral Cephalometric Radiographs
Project Year	07-01-2002 to 06-30-2005
Institution	The University of Iowa
Summary/Abstract	<p>In 2000 the American Association of Orthodontists Foundation granted The University of Iowa a three-year Center Award titled "Development of an internet database for facial growth collections." Design and development of the web site software took over 2 years to complete, and the specific aims of this project were achieved. We developed an easy-to-use, modifiable database for maintenance of facial growth collections on the World Wide Web for use by educators and researchers; and we digitized the longitudinal lateral cephalometric radiographs from the Iowa Facial Growth study in a standard image format and stored them, along with the associated patient demographic data, in the database. This generic modifiable database software is now available for all growth collections to use autonomously. We wish to emphasize that this software, or a modification of this software, may be found to be the exact web-based platform needed to support every growth study in the United States and Canada.</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?	No. The purpose of this developmental effort was to produce generic modifiable database software which is now available for all growth collections to use autonomously. Although two grants have been submitted to proceed with this effort, funding was not provided.
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?	Yes, at the Midwest Component of the Edward H. Angle Society meeting in Palm Desert, 2006.