



**Digitizing archives for health sciences education
and research:**

Records of the Oregon Child Study Clinic

Maija Anderson, Head of Historical Collections & Archives, OHSU Library

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Records of the Oregon Child Study Clinic

- Records of 1950s-1970s longitudinal growth study.
- Circa 400 linear feet of patient charts, radiographs, dental casts, and more!
- Stored at OHSU's School of Dentistry since the end of the study.
- Due to current standards for research on human subjects, the study cannot be replicated
- A unique, irreplaceable resource, actively used for orthodontics research and teaching.



Records of the Oregon Child Study Clinic



AAOF Craniofacial Growth Legacy Collection

www.aaoflegacycollection.org

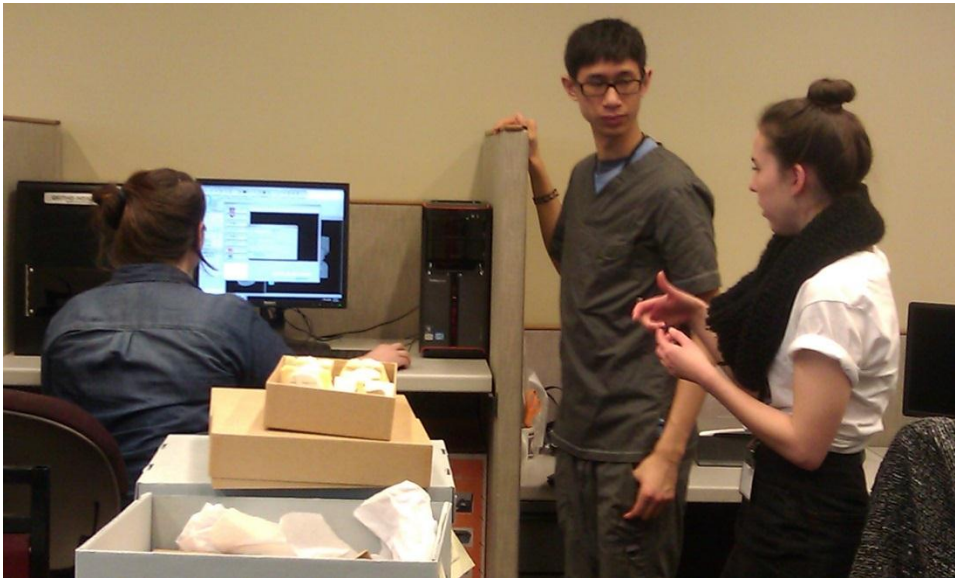
- Funded by the American Association of Orthodontists Foundation, directed by Sheldon Baumrind, DDS
- Draws on 9 growth study collections across the country, including OCGS records.
- Participants scan selected images, create metadata, and upload to a public database
- **Problem:** How can the dental school continue the project now the collection is in the archives?



Animation of 12 timepoints over 12 years.
Michigan Growth Study Subject 02101.
<http://www.aaoflegacycollection.org>

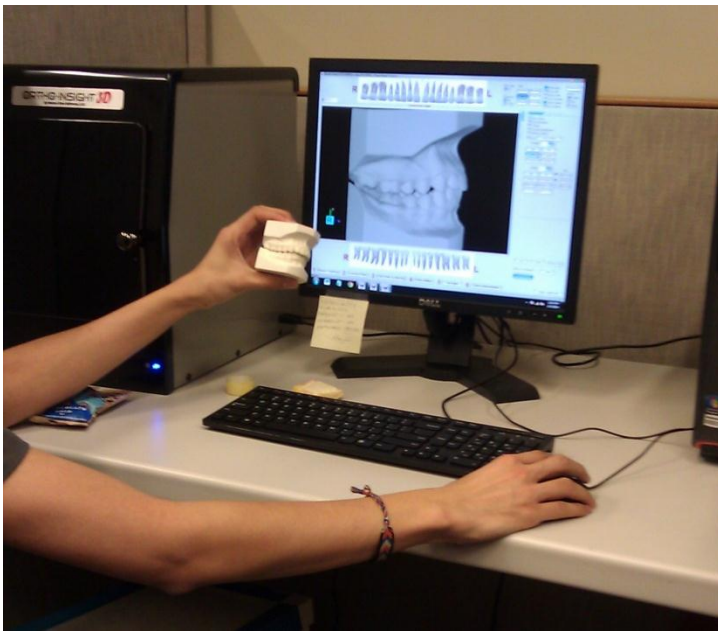
A collaborative solution

- Two library school students were hired using grant funds
- Students are library employees reporting to an archivist, but were trained by an orthodontics resident who QC's their work
- Library borrowed specialized equipment and software from the dental school



A collaborative solution

- Priority cases were twins – most unique and valuable part of collection
- Students digitized over 3500 radiographs and 500 dental casts from 80 patients
- Project runs through June 30, 2014, with possible extension



Collaborating with Health Scientists: Lessons Learned

- “Quantity over quality”
- Archives access models are foreign
- Very different technical standards
- Digitization is great for mitigating HIPAA issues!
- Science research also depends on preservation and access to unique primary sources.