Title of project:
The Birgit Junfin Glass Dental Diagnostic Collection, an Open Source Initiative

Name of applicant:
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What is the project?
The Birgit Junfin Glass Dental Diagnostic Collection (also known as the Glass Project) began as a collaborative effort between librarians and faculty at UT Health San Antonio. The idea stemmed from a conversation with a School of Dentistry faculty member who wanted to archive her personal collection of teaching materials with the library. The collection is comprised of numerous case studies, color and radiographic images all covering various dental and medical conditions, diseases, and syndromes. In total, there are 27 cubic feet of materials. After careful assessment of the materials it became apparent that the collection, rich in content, would be a huge asset in supporting case-based learning and teaching in support of evidence-based practice.

This project involves developing a plan to organize, catalog, and digitize the collection. The collection of images will then be incorporated into an Open Education Resource (OER) in an effort to expand access to the greater scholarly community. Since this is a large-scale project, the goal for the SCAMeL Speedy Startup is to focus on the case studies. The School of Dentistry is interested in using these case studies in their curriculum beginning in 2020.

Why this project important (what is the benefit)?
This project is important for the following reasons:
- It is a unique partnership between the library and faculty, which allows both parties to work collaboratively and to see the value in each other's skills and abilities.
- This project is an example of how other health sciences libraries might approach Open Education initiatives on their campus.
- Since this project is being approached as an open education initiative, the resulting database will be accessible to other SCAMeL libraries and beyond.

What institution(s) is involved?
University of Texas Health Science Center at San Antonio

Who will carry out the project and what are their roles?
Library staff (4)
Faculty (1)
Student work-studies (2)
- **Roles:**
  - **Head of Resource Management:** develops and directs workflow; designs metadata schema and database structure; works with content expert to develop
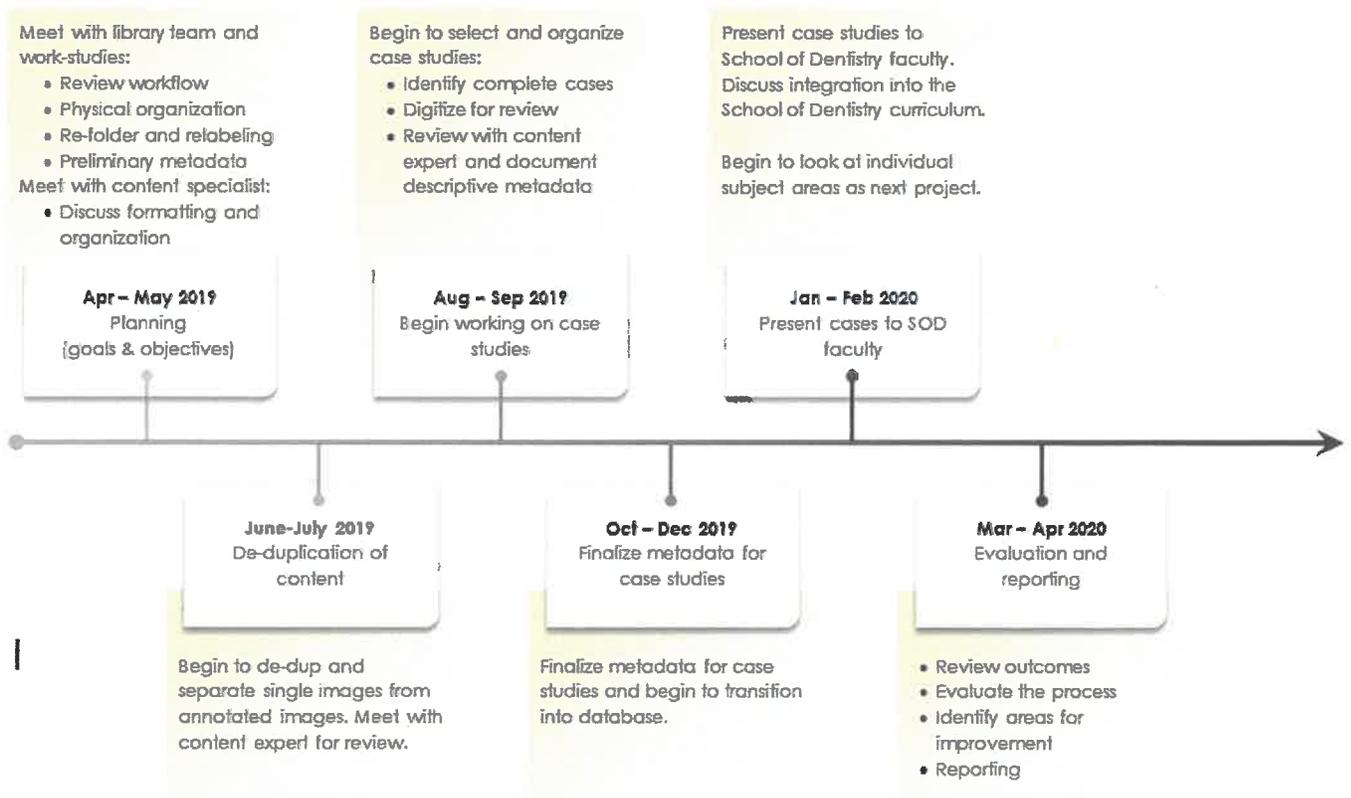
accessibility formats and descriptive information; approves final descriptive metadata.
- o **Special Collections library assistant:** organizes and assesses physical materials; works with content expert to record descriptive information; trains work-studies; reviews and edits preliminary and edited metadata, assigns NLM subject headings; uploads and enters final metadata into database.
- o **Resource Management library assistants (2):** responsible for digitization, photography, file naming and quality control checks.
- o **School of Dentistry Faculty:** content expert, provides detailed descriptions of content and makes suggestions for sequence and format.
- o **Student work-studies (2):** assist with organization and assessment of physical materials; develop preliminary descriptive metadata spreadsheets; assist with identifying subject headings and digitization.

What is the timeline?

SCAMeL Speedy Startup: Glass Project Timeline

Meet with library team and work-studies:
- • Review workflow
- • Physical organization
- • Re-folder and relabeling
- • Preliminary metadata

Meet with content specialist:
- • Discuss formatting and organization

Begin to select and organize case studies:
- • Identify complete cases
- • Digitize for review
- • Review with content expert and document descriptive metadata

Present case studies to School of Dentistry faculty. Discuss integration into the School of Dentistry curriculum.

Begin to look at individual subject areas as next project.

Apr – May 2019
Planning
(goals & objectives)

Aug – Sep 2019
Begin working on case studies

Jan – Feb 2020
Present cases to SOD faculty

June-July 2019
De-duplication of content

Oct – Dec 2019
Finalize metadata for case studies

Mar – Apr 2020
Evaluation and reporting

Begin to de-dup and separate single images from annotated images. Meet with content expert for review.

Finalize metadata for case studies and begin to transition into database.

- • Review outcomes
- • Evaluate the process
- • Identify areas for improvement
- • Reporting

SCAMeL Speedy Startup Application 2019

How much money do I need for the project (budget)?

A needs-assessment was conducted to determine what supplies and technology would be needed to accomplish this project. The needs have been broken down into three categories:

- Supplies - organization and assessment
- Hardware – assessment, digitization, and processing
- Software – digitization

Supplies include items such as folders, labels, and sleeves necessary for organizing materials. Hardware is perhaps the biggest need for this project and includes new PCs, monitors, and a scanner. Presently, the library does have one scanner available for digitizing, but we would certainly benefit from an additional scanner. In addition, there is a need for newer PCs and larger monitors for assessment and digitization. We are asking for four monitors so that we can have dual monitors on each machine. Dual monitors allow us to multi-task and are necessary for assessment. Lastly, we are asking for special software for x-ray digitization. A large part of this collection is x-ray films and this software would allow us to digitize films more efficiently.

*See detailed budget on next page.

This project is supported by the Senior Director of Libraries at the University of Texas Health Science Center at San Antonio.

Printed Name: OWEN ELLARD

Signature: O. H. Ellard   Date: 3. 4. 19

SCAMeL Speedy Startup: Glass Project Budget

ITEM	DESCRIPTION	PRICE	QTY	TOTAL
Supplies				
Archival slide protector sleeves	Printfile 35mm slide sleeves, 2X220B100 100 pack	$28.49	1	$28.49
File folders	Pendaflex file folders, letter size, manila 100/box	$9.98	4	$39.92
Accordion file folders	Smead file pocket expansion, letter size 5/box	$7.89	1	$7.89
Label maker	Brother P-touch, PTD210 label maker, with refill tape	$60.90	1	$60.90
Nitrile gloves	Procure disposable nitrile gloves	$25.95	1	$25.95
Permanent markers	Sharpie twin tip permanent markers, black, 12 count	$14.68	1	$14.68
Microfiber dusting cloths	Elite Tech Gear - 4 oversized microfiber cleaning cloths	$9.97	1	$9.97
Magnifier	Carson LumiLoupe series stand magnifier	$9.39	2	$18.78
Hardware				
Scanner	Epson Perfection V850 Pro scanner	$999.00	1	$999.00
PCs	2019 Dell premium flagship desktop PC	$599.99	2	$1,199.98
Monitors	Dell Ultrasharp U2719DX 27-inch IPS monitor	$399.99	4	$1,599.96
Light box	A3 Light box, AGPtek LED	$49.99	1	$49.99
Software				
X-Ray scanner software	SilverFast X-Ray 8, designed for digitizing medical x-ray film	$499.00	1	$499.00

Total funded: $4,347.93