



Moody Medical Library, UTMB  
SCAMeL Speedy Startups

### **Abstract**

The Moody Medical Library at the University of Texas Medical Branch at Galveston (UTMB) seeks funding to digitize its collection of 2,358 rare anatomical drawings. For decades, this unique collection has been nearly inaccessible to our patrons. We believe now is the time to provide digital access to these historical teaching aids that date to the late 1800s. We are requesting \$5,269.05 to aid in the completion of this project.

### **Background**

In 1891, Dr. William Keiller immigrated to Galveston from Scotland in to become the first professor of anatomy at UTMB. Before attending medical school, Dr. Keiller received a degree in art. As a professor, he used this training to demonstrate anatomical structures and relationships through sketches. Dr. Keiller's blackboard illustrations were considered by many students as true works of art. This training benefited the university as demand for resources at the recently opened medical school often exceeded tight budgets. The collection is expansive and includes drawings produced from illustrations in anatomy textbooks, microscope slides, cadavers, and surgeries performed at John Sealy Hospital.

The collection provides vivid insight into the history of early Texas medical education. The drawings serve as an extremely rare account of how the subject of anatomy was taught at the oldest state supported medical school in Texas. Over 200 of these drawings were created by Dr. Keiller himself, while the others were created by UTMB faculty members, interns, and medical students.

Contributors to this collection include:

- Dr. Marie Charlotte Schaefer
  - UTMB's first female professor
  - 1900 UTMB graduate
- Dr. Harry O. Knight
  - The "world's greatest anatomist" according to Dr. William Keiller
  - Head of the UTMB Department of Anatomy
  - 1907 UTMB graduate
- Dr. Violet Keiller
  - Chief of Pathology at Hermann Hospital in Houston
  - 1914 UTMB graduate
  - Dr. William Keiller's daughter
- Dr. G.W.N. Eggers
  - UTMB's first professor and Chair of Orthopedic Surgery
  - 1923 UTMB graduate

The drawings date from the 1890s to 1965. Their sizes range from 10"x12" to 38"x80" with most measuring 23"x36". The collection of drawings, named the Keiller Collection, resides in the care of the Truman G. Blocker, Jr. History of Medicine Collections (Blocker Collections).

### **Benefit**

Access to this collection is, and always has been, severely limited. These drawings are currently held in an offsite storage facility. For these drawings to be viewed, the researcher is required to set an appointment in advance. Transportation of the drawings is difficult and inconvenient because of their size, fragility, and because they cannot be retrieved during inclement weather.

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Our goal is to fully process the collection and to have all of the drawings digitally photographed and placed online so that they can be accessed by anyone at any time. This project will also help to minimize the handling of the already fragile drawings. Due to other priorities, we have had to put this project on hold for several years. Fortunately, this year looks to be an excellent time to start this project.

### **Project Plan**

Within the next few months, we will start to catalog all 2,358 drawings. Metadata will be written for each drawing and input into a spreadsheet. Metadata fields will include: artist; title or description of the drawing; date created; reference from which the drawing was copied; and measurements.

After the data entry is complete, the collection will be organized alphabetically by artist. Drawings with unknown artists will be grouped together at the end of the collection. This organization will be the most time consuming part of the project as it will involve physically rearranging the oversized drawings.

Once they have been reorganized, we will hire the UTMB photographer to photograph all 2,358 drawings. The photography must take place in house due to the fragile nature and size of the drawings. The photographer's rate is \$75 per hour to photograph and \$85 per hour to edit. He has estimated that he can photograph and edit 100 drawings per hour. Set-up/tear-down when photographing will take one hour per day. The files will be given to the Blocker Collections after editing. We will rename the files in accordance with our naming authority.

The images and metadata will be uploaded to UTMB Health SHARED (Scholarship, Historical Archives, Repository, & Electronic Dissertations), a website hosted by the DSpace platform of the Texas Digital Library. A link to the UTMB Health SHARED site will be added to a designated page on the Blocker Collections website. The image files will also be dark archived using the Texas Digital Library's Digital Preservation Network.

Completion of this project will enable us to print and mount on foam core fifteen images at full size to use in the exhibit space in the Blocker Collections reading room. The criteria for selecting drawings for exhibition will include:

- artist - a variety of artists will be selected, especially those whose archives are held in the Blocker Collections or those with a strong connection with UTMB;
- age - older drawings will be preferred;
- size - all drawings selected will be the same orientation and size;
- label - preference will be given to clearly labeled, signed works.

The prints will be purchased from UTMB's Graphic Design and Printing Services department. The quote for the 23"x36" color prints mounted on foam core is \$74.75 per print.

Staff involved in this project will include: the University Archivist; the Blocker Collections Library Services Manager; a part-time Senior Library Assistant; and the Discovery Services Librarian. The Library Services Manager and the Senior Library Assistant will catalog the drawings. Both will organize the drawings when the spreadsheet is complete. The Library Services Manager will communicate with the photographer about scheduling dates/times to

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photograph the drawings. The University Archivist, Library Services Manager, and Senior Library Assistant will assist the photographer in handling the drawings and ensuring the drawings remain organized. The Library Services Manager and Senior Library Assistant will retrieve the image files from the photographer and rename them according to the proper naming authority. The image files and the spreadsheet will be sent to the Discovery Services Librarian to be uploaded to UTMB Health SHARED. The University Archivist and Library Services Manager will assist the Discovery Services Librarian as necessary.

Upon completion of the project, we will notify UTMB's department of Marketing and Communications to alert the UTMB community and the local public of this fascinating new resource. Notification will also be sent to state-wide and regional newsletters and listservs (SCC/MLA News, TexShare listserv, etc.).

### **Timeline**

#### Month 1

- Begin cataloging drawings.

#### Month 2

- Continue cataloging drawings.

#### Month 3

- Complete cataloging drawings.
- Begin organizing drawings and labeling folders.

#### Month 4

- Continue organizing drawings and labeling folders.
- Contact photographer and set up first meeting.

#### Month 5

- Complete organizing drawings and labeling folders.
- Begin photography.
- Begin renaming files as they are returned from the photographer.

#### Month 6

- Complete photography. Re-shoot if necessary.
- Continue renaming files.
- Return drawings to offsite storage.

#### Month 7

- Complete renaming files.
- Begin uploading images and metadata to UTMB Health SHARED.
- Complete returning drawings to offsite storage.

#### Month 8

- Continue uploading to UTMB Health SHARED.

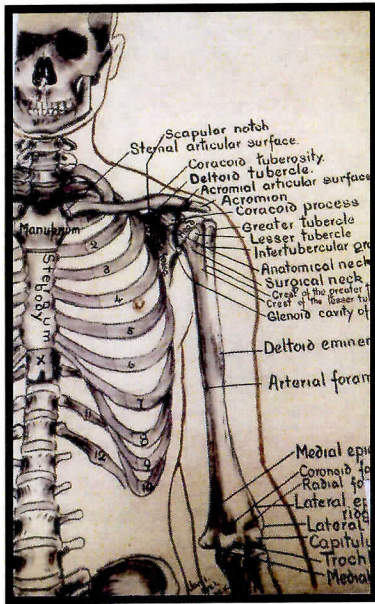
#### Month 9

- Continue uploading to UTMB Health SHARED.
- Select images for display and order prints.

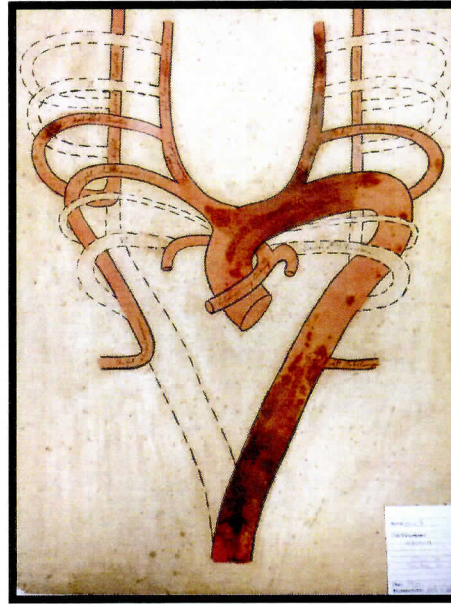
#### Month 10

- Complete upload and check for inaccuracies.
- Display prints in Blocker Collections reading room.
- Announce completed collection to UTMB Marketing and Communications department.

**Sample Drawings**



Artist: William Keiller  
Date: 1921  
Size: 23"x36"



Artist: Marie Charlotte Schaefer  
Date: 1910  
Size: 21.5"x28"

**Statement of Library Director**

As Associate Vice President of Library Services and Academic Resources, I endorse the proposed project to digitize the Keiller Collection. I believe that this project would fulfill the intended purpose of the SCAMEL Speedy Startups award of benefiting the region by providing online access to this collection of a unique part of UTMB's history.

Patricia Ciejka  
Associate Vice President of Library Services and Academic Resources  
Moody Medical Library  
University of Texas Medical Branch at Galveston

**Budget**

The total amount of funding requested is \$5,269.05.

For this project, a photographer would be hired to photograph the drawings as they are too large and fragile to be scanned. The photographer charges \$75 per hour to photograph and \$85 per hour to edit. He can photograph and edit 100 drawings, of the same size, per hour. Set-up/tear-down when photographing will take up one hour each day.

Photography:

- 2,358 drawings / 100 drawings per hour = 23.58 hours
- 23.58 hours x \$75 per hour = \$1,768.50
- 5 days of photographing x \$75 per day set-up/tear-down = \$375

Editing:

- 2,358 drawings / 100 drawings per hour = 23.58 hours
- 23.68 hours x \$85 per hour = \$2,004.30

We would also hire the UTMB's Graphic Design and Printing Services department to print and mount on foam core 15 drawings to use in an exhibit. They charge \$74.75 each for a mounted 23"x36" color print.

Prints:

- 15 full size, mounted prints x \$74.75 per print = \$1,121.25

Item	Description	Amount
Photography	100 drawings/hour @ \$75/hour	1768.50
Photography	set-up/tear-down @ \$75/day	375.00
Editing	100 drawings/hour @ \$85/hour	2004.30
Prints	15 prints @ \$74.75/print	1121.25
TOTAL		5269.05