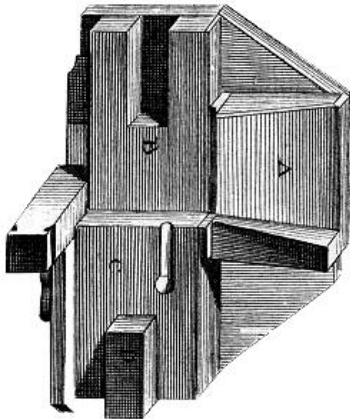


# 3



# HOTBED

**3D PRINTING BOOK  
HISTORY: EXTENDING  
BIBLIOGRAPHICAL  
PEDAGOGY THROUGH  
ADDITIVE MANUFACTURING**

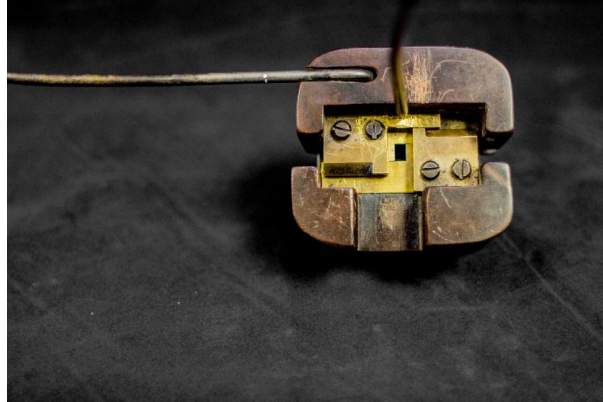
Day of DH ☯ April 5, 2017

# Impetus



UNT Libraries Miniature Books Collection 3D Prints

# The Moulds and Materials



Hand Moulds 1 & 2



A Type Piece, Matrix Jet, & Punch

# Partnership

UNT



Courtney Jacobs

Texas A&M



Kevin O'Sullivan

UNT



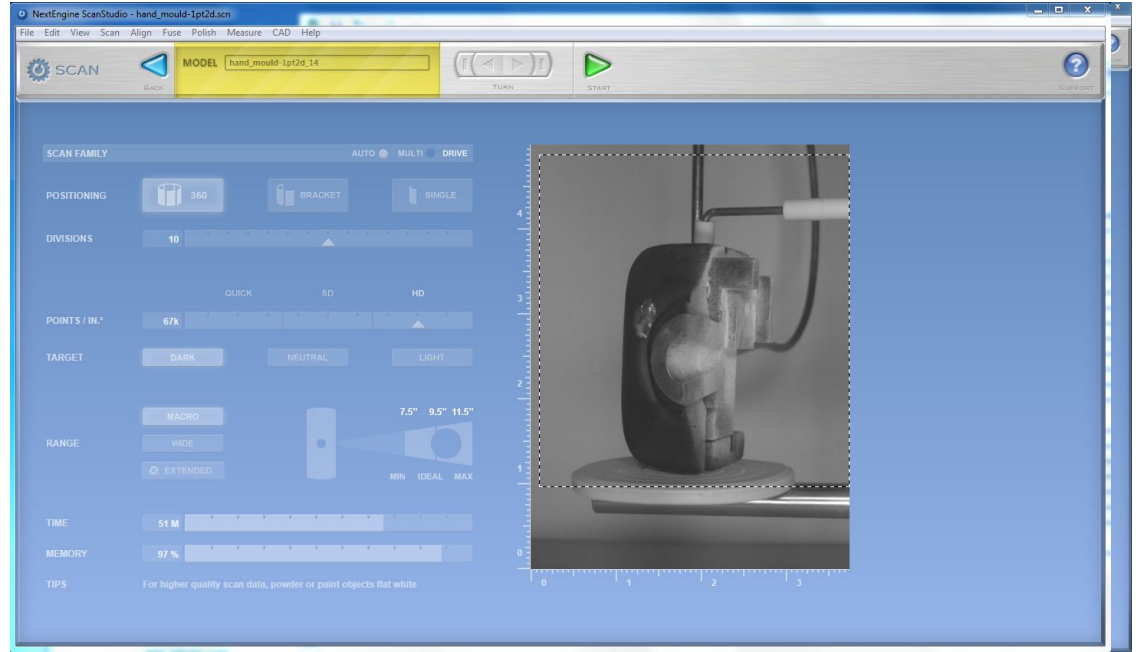
Marcia McIntosh



# 3D Scanning



NextEngine HD 3D Scanner



Hand Moulds in scanner software

# 3D Modeling

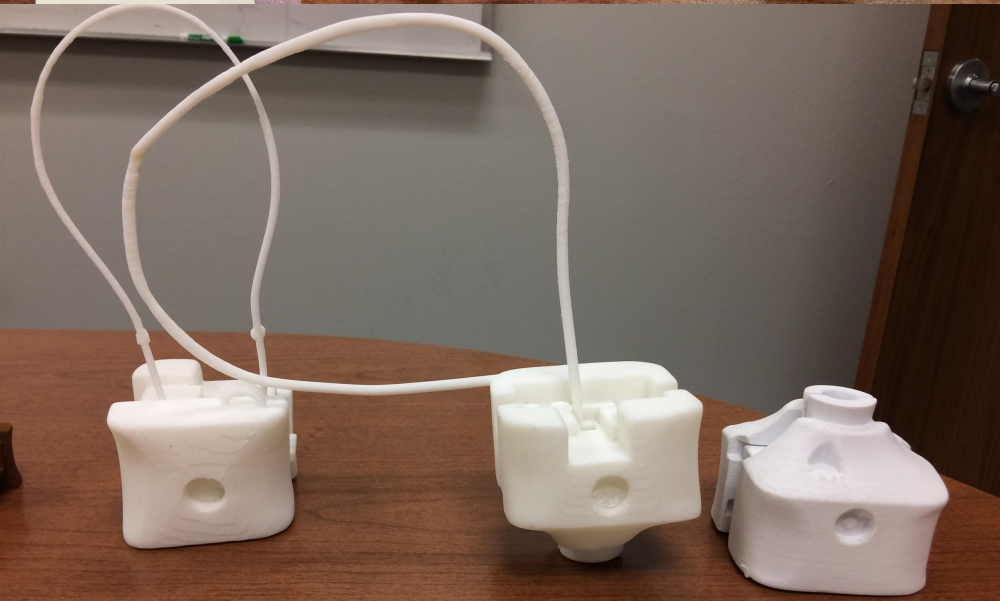


The examples of modeling software





# Creation Process is Iterative



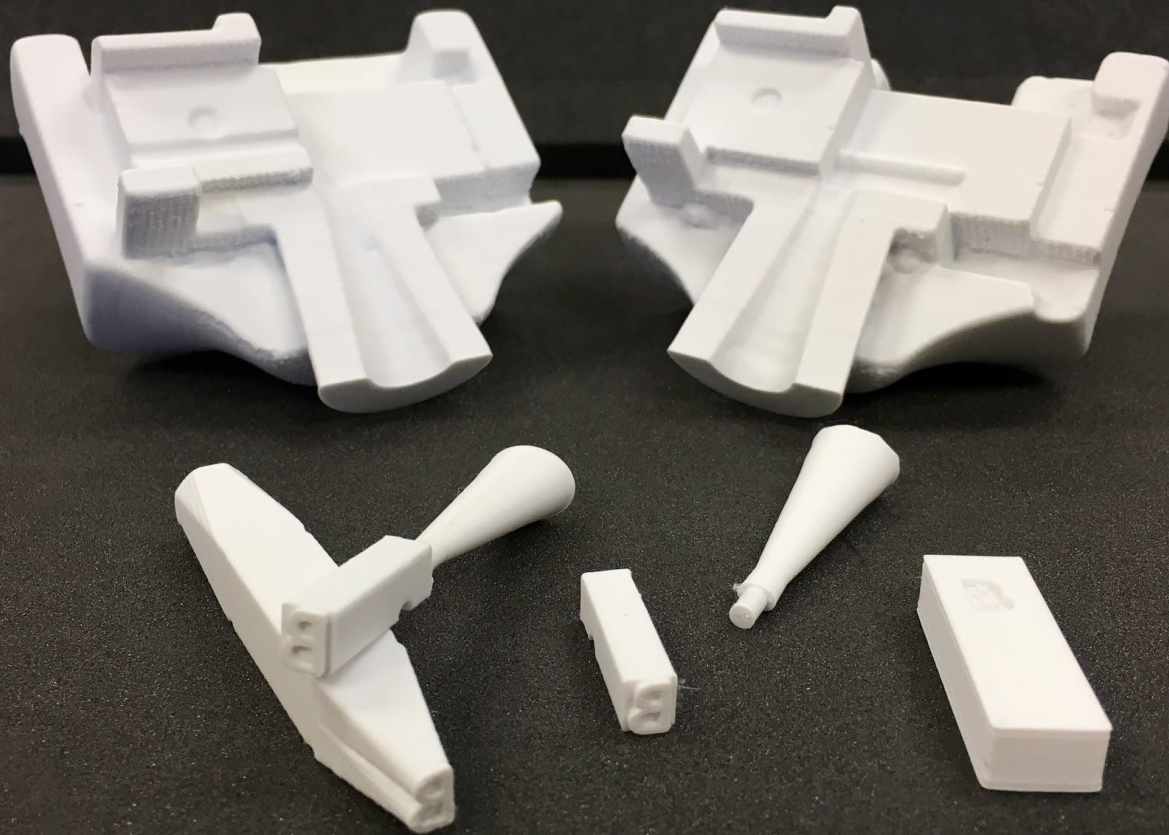


# Prototypes in the Classroom





# Final Models in Digital Library




**COMING  
SOON!**



# book history maker fair

monday, april 3rd  
4-6pm - the forum  
WILLIS LIBRARY 110

WITH SPECIAL GUEST KEVIN M. O'SULLIVAN  
Curator of Rare Books and Manuscripts  
Texas A&M Cushing Memorial Library



LEARN ABOUT HISTORICAL BOOK-MAKING TOOLS & PROCESSES WITH HANDS-ON STATIONS WHERE YOU CAN

- imitate type design and type casting using a hand mould
- assemble movable type using a composing stick
- ink and print a book cover on a letterpress
- fold and bind a quarto booklet to take home

REFRESHMENTS WILL BE PROVIDED  
LEARN MORE AT [SOHOTBED.INFO](#)




3DHOTBED

# Questions?



## 3Dhotbed: Extending Bibliographical Pedagogy through Additive Manufacturing

A collaborative project led by faculty from UNT and Texas  
A&M Libraries working to create affordable models of  
common tools used in book history instruction

[THE PROJECT](#)

[ABOUT US](#)

<http://www.3dhotbed.info>

