

A decorative graphic on the left side of the slide, consisting of a network of white lines and small circles on a blue gradient background, resembling a circuit board or a digital network.

INTRODUCTION TO DIGITAL SCHOLARSHIP

HANNAH SCATES KETTLER

@HSKETTLER

A LITTLE ABOUT ME

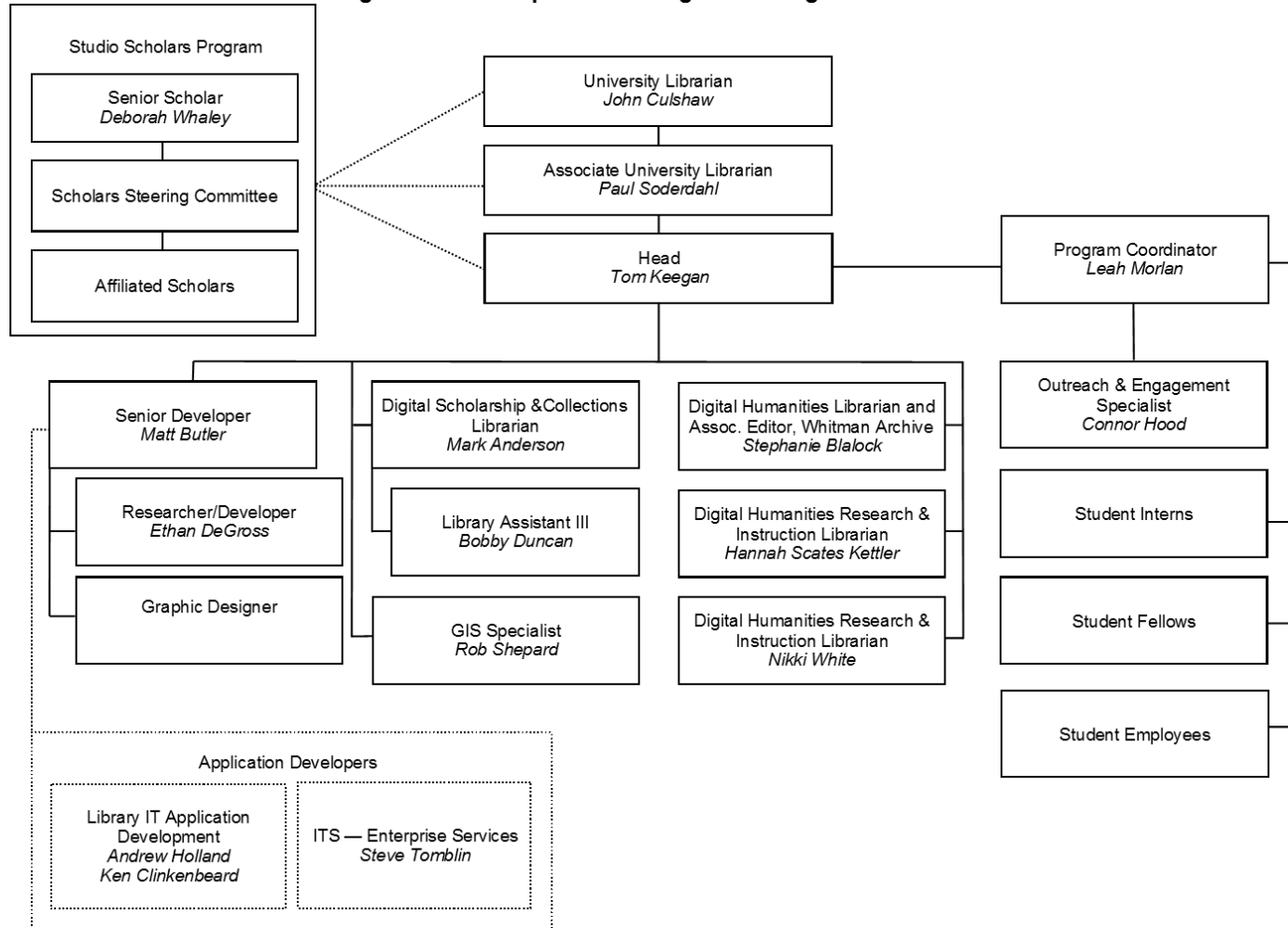
- DH Librarian – University of Iowa
- Previously employed at the library as front desk, stacks, data entry, 3D specialist, and project manager
- Education in Anthropology/Archaeology, Classics, Art History and Digital Humanities



UNIVERSITY OF IOWA : DIGITAL SCHOLARSHIP & PUBLISHING STUDIO

THE UNIVERSITY OF IOWA LIBRARIES

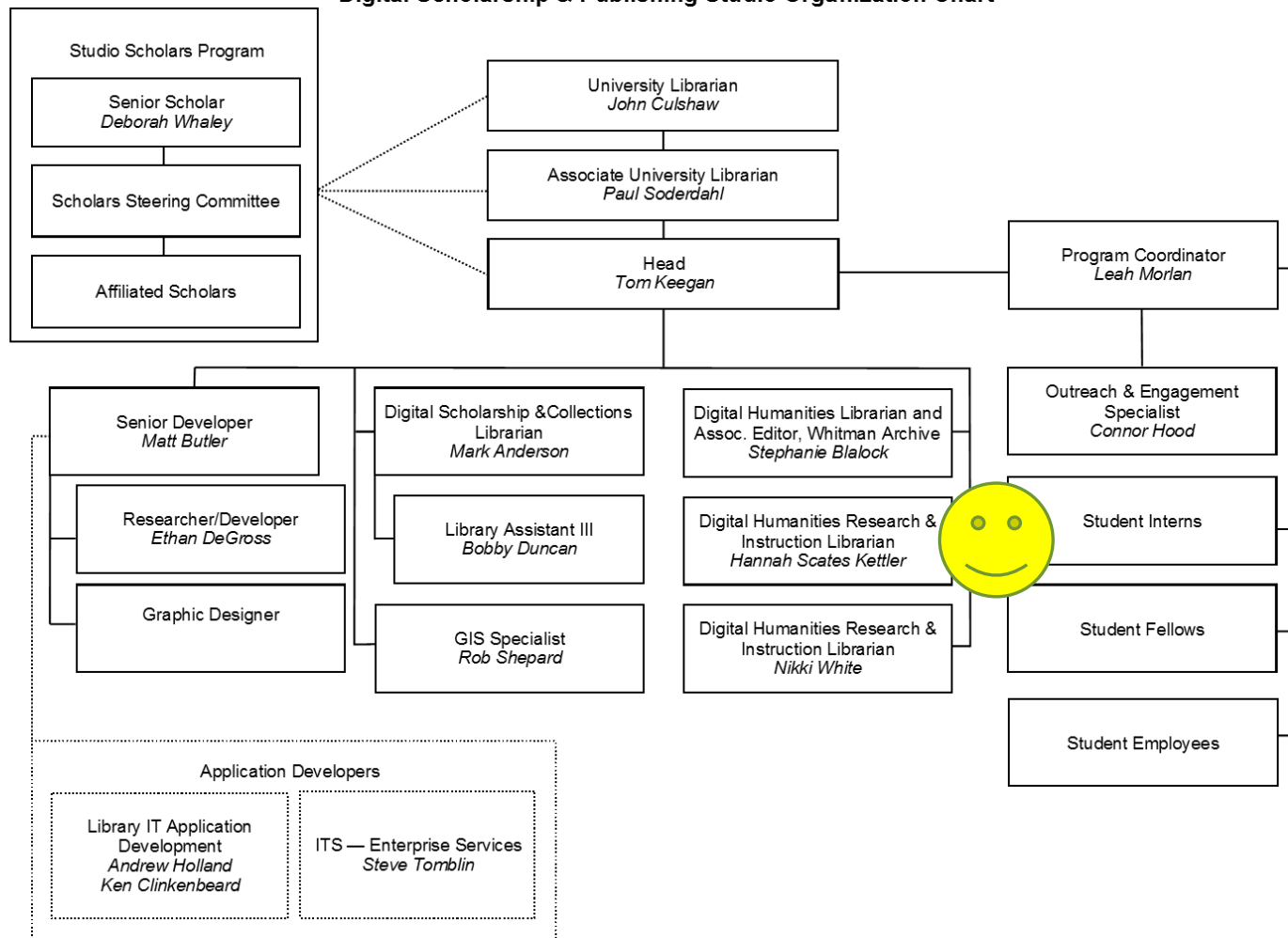
Digital Scholarship & Publishing Studio Organization Chart



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Digital Scholarship & Publishing Studio Organization Chart

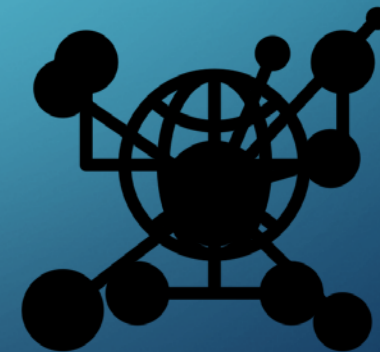


THE STUDIO - THEN AND NOW



The Studio for Public
Arts & Humanities

Digital Research and
Publishing



~~The Studio for Public Arts & Humanities and Digital~~
~~Research Scholarship and Publishing Studio~~

DIGITAL SCHOLARSHIP ON CAMPUS

WITHIN LIBRARIES

- University of Iowa – Digital Scholarship & Publishing Studio
- University of Toronto – Digital Scholarship Unit

OUTSIDE LIBRARIES

- University of Pennsylvania - Price Lab
- Michigan State University – College of Arts and Letters
- University of Nebraska – Center for Digital Research in the Humanities

MULTIPLE HUBS

- University of Virginia - Scholars Lab, Institute for Advanced Technology in the Humanities
- University of California Los Angeles - Center for Digital Humanities +5)

DIGITAL SCHOLARSHIP ON CAMPUS

HARD FUNDING

Programs funded out of institution's budget.

Typically steady flow of funds.

SOFT FUNDING

Programs that are funded solely on grant or donation funds.

Project based funds, and limited use.

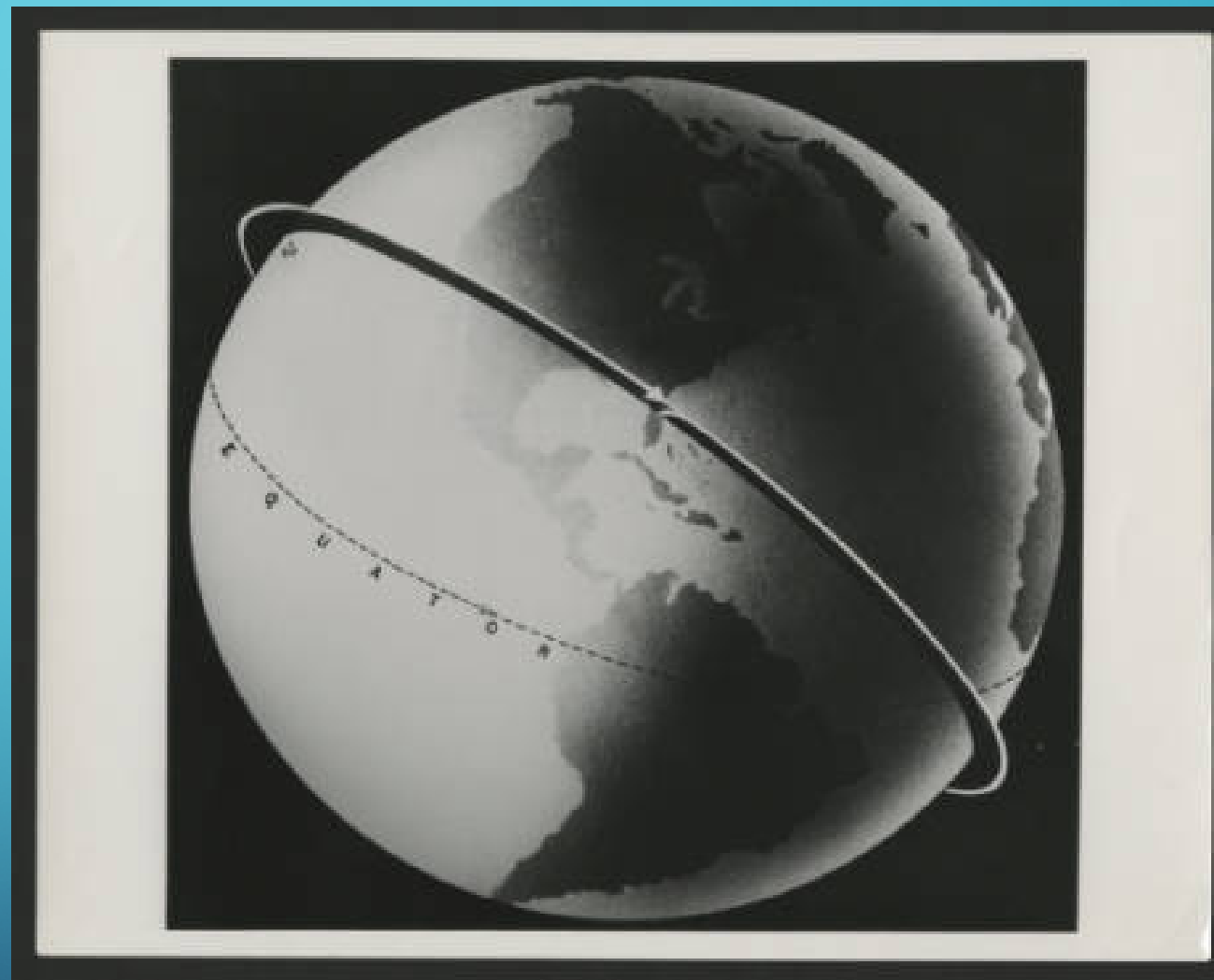
COMBINATION

A combination of hard and soft funded infrastructure/expertise.

Typically 1 or 2 fully funded individuals, majority reliant on project based soft funds.

DIGITAL SCHOLARSHIP PROJECTS

Explorer's Legacy



DIGITAL SCHOLARSHIP PROJECTS

Migration is Beautiful



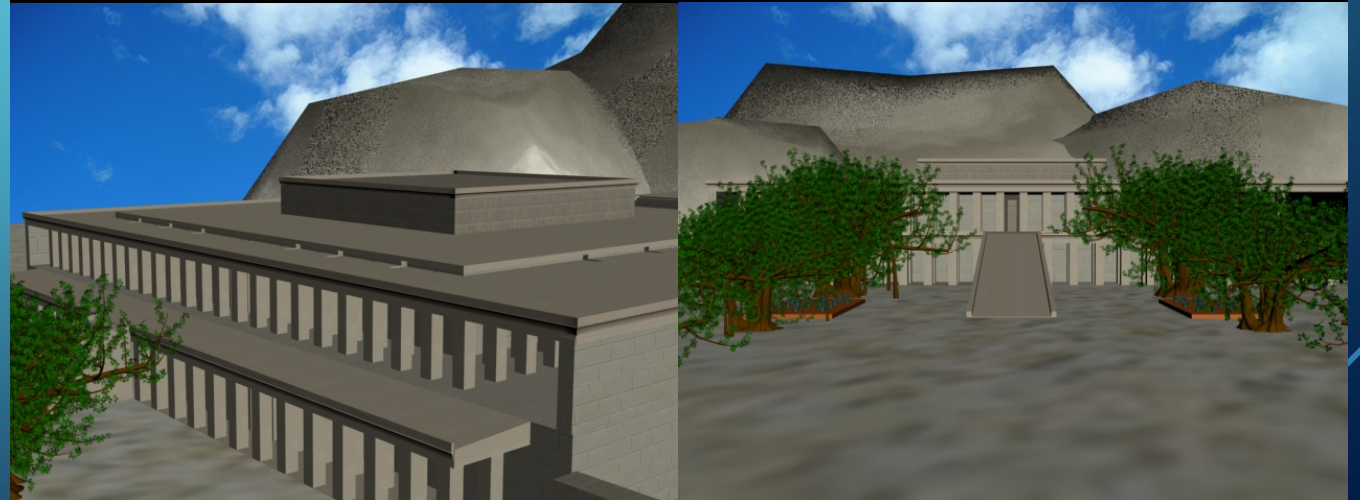
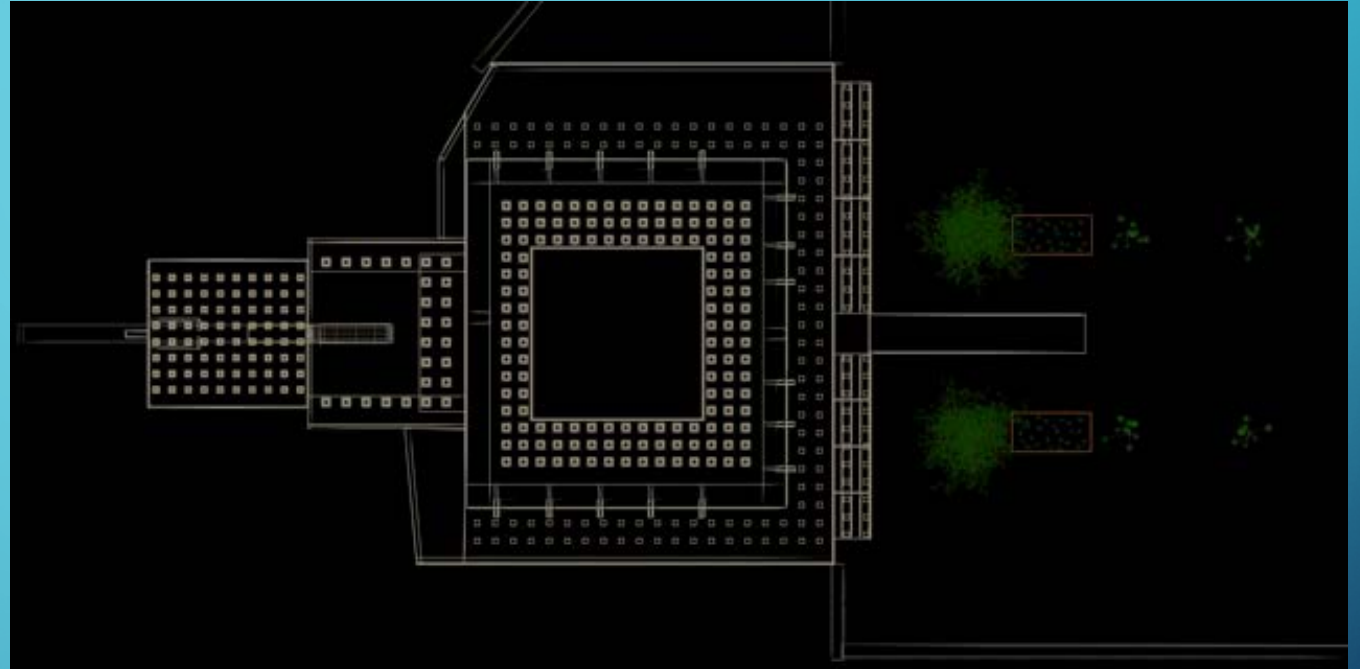
Image Credit: Favianna Rodriguez

DIGITAL SCHOLARSHIP PROJECTS

Nebhepetre Menuthotep

Mortuary Complex

Reconstruction



DIGITAL SCHOLARSHIP PROJECTS

Coffee Zone.

Del cafetal al futuro



DIGITAL SCHOLARSHIP PROJECTS

Cultural Assessment

Interest Group (CAWVG)

 DLF DIGITAL LIBRARY



ASSESSMENT

DIGITAL SCHOLARSHIP PROJECTS

- Explorer's Legacy (Digital Publication/Edition)
- Migration is Beautiful (Digital Archive)
- 3D Nebhepetre Mentuhotep (Data Visualization | 3D scholarship)
- Coffee Zone (Multi-lingual digital archive; social, environmental justice)
- Cultural Assessment Interest Group (CAWG) – Digital Library Federation
(whitepaper; interrogation of digital practice)

WHAT CAN DIGITAL SCHOLARSHIP DO FOR YOU?



Created by Kimi Lewis
from Noun Project

WHAT IS DIGITAL SCHOLARSHIP?

Digital humanities (DH) is an area of scholarly activity at the intersection of computing or digital technologies and the disciplines of the humanities. It includes the systematic use of digital resources in the humanities, as well as the reflection on their application.

Wikipedia

https://en.wikipedia.org/wiki/Digital_humanities

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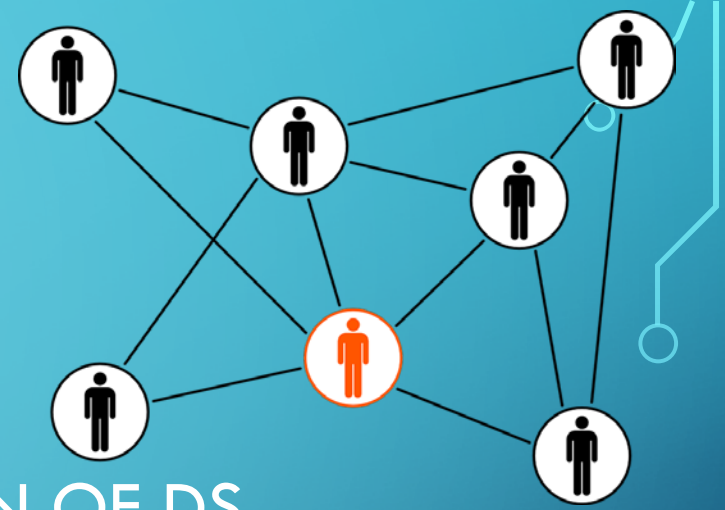
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FOR INSTANCE:

SCHOLARLY ACTIVITY

- Networks Graphic of Influence of Important Textural Works
- Questions Principle Investigator has:
 - What are the connections between people
 - What is the influence on a certain genre of work
 - What is in our library
- Publishes Dataset and Articles Online



INTERROGATION OF DS

- Project Reveals new Insights based on User Interaction
 - Creators of Works biased – e.g. data only contains male authors
 - Influence measured by citation = perpetuation of bias
 - Network graphic simulates completeness when dataset is skewed
- New Questions
 - What is up with the data?

The background is a blue gradient. In the corners, there are white line art elements resembling circuit boards or neural networks, with lines and small circles connecting them.

DIGITAL SCHOLARSHIP AS COLLABORATIVE

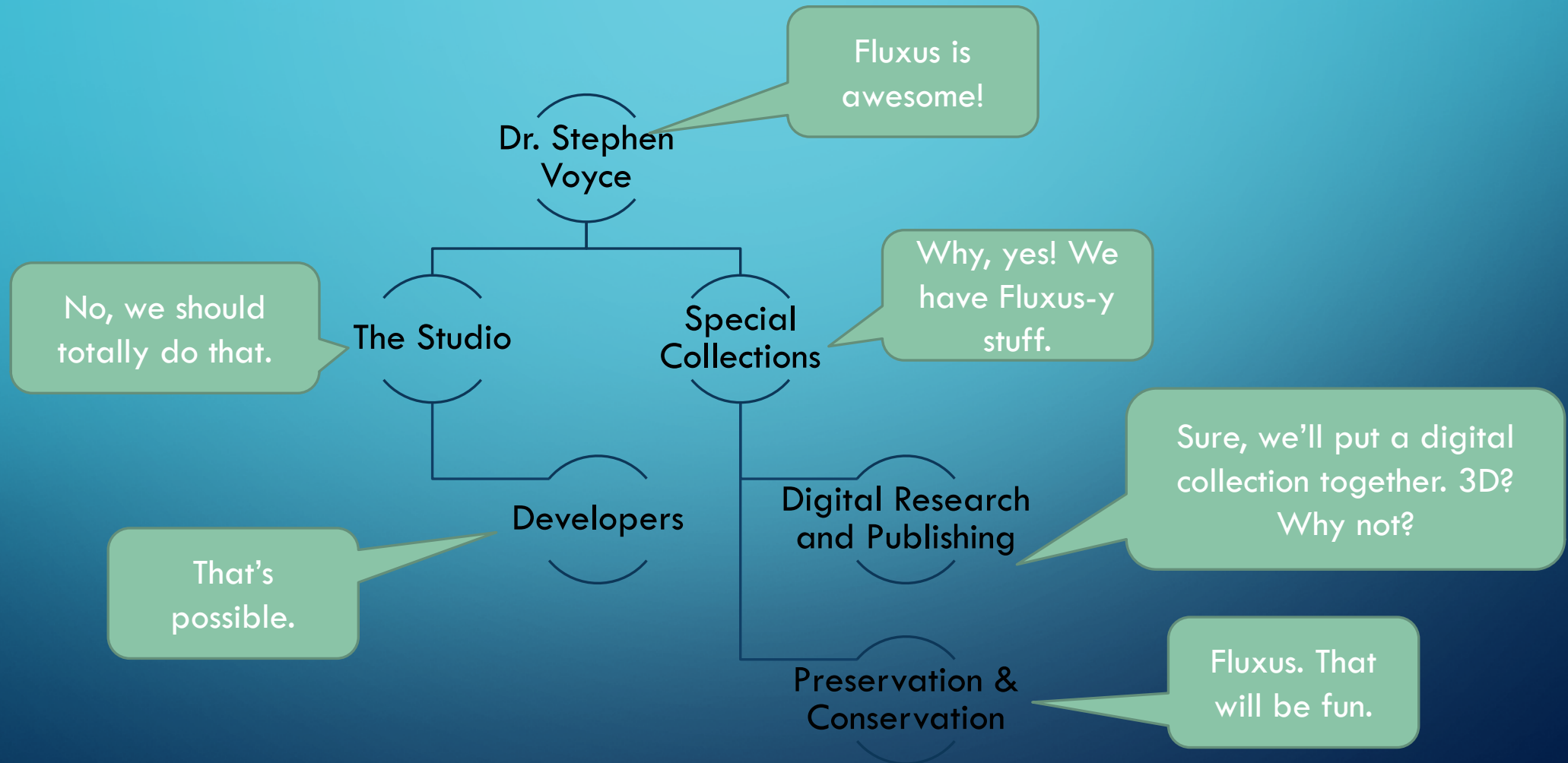
EXAMPLE PROJECT: THE FLUXUS DIGITAL ARCHIVE

- Avant-garde Art movement c. 1950s – 1980s
- A network of artists
- Fluxus West = group of Fluxus artists in the Western US est. 1966

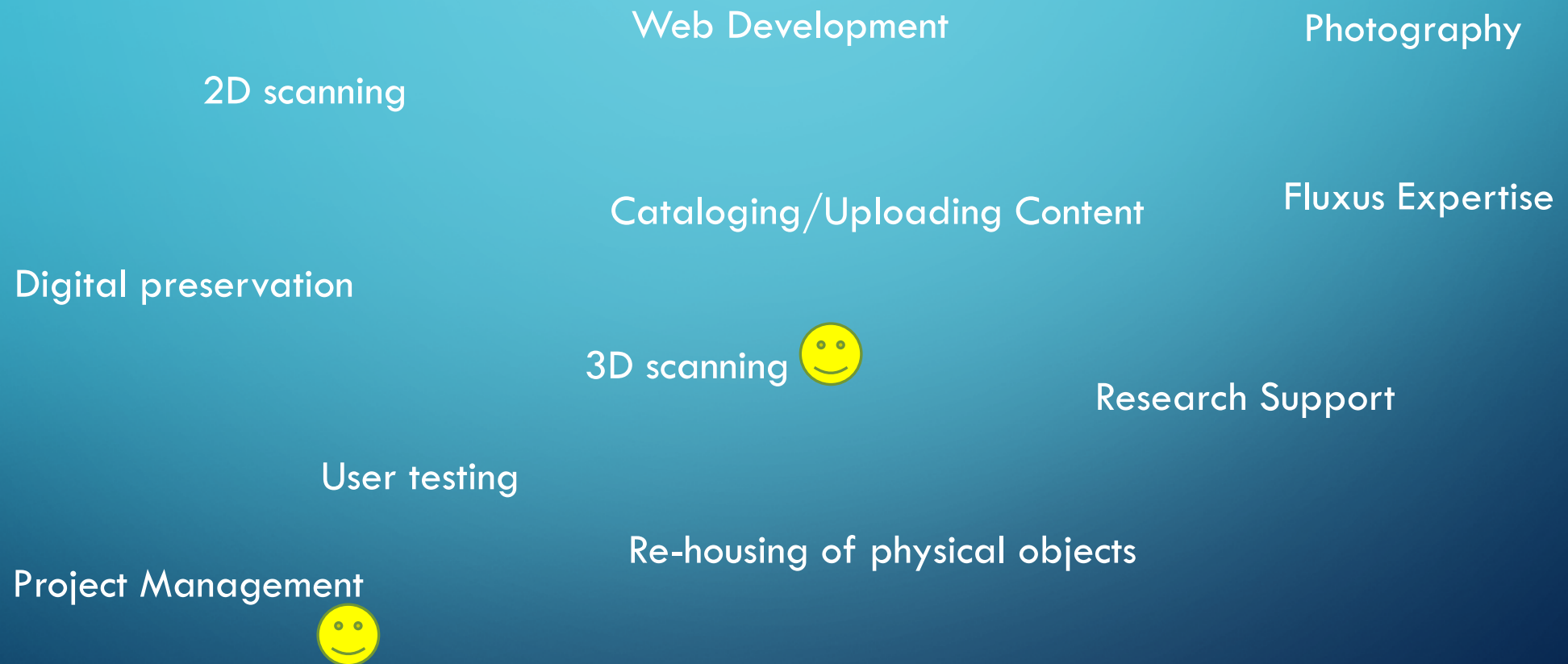


Flux Year Box 2, George
Maciunas, 1968

DIGITAL SCHOLARSHIP AS COLLABORATIVE



SKILLS NEEDED





2D scanning

Re-housing of physical
objects

Digital preservation

Cataloging/Uploading

Content

3D scanning

Photography

Web Development

User testing

Faculty Research

Research Support

DIGITAL SCHOLARSHIP PROJECT EXPERTISE

PRESERVATION & CONSERVATION

2D scanning
Re-housing of physical
objects
Digital preservation

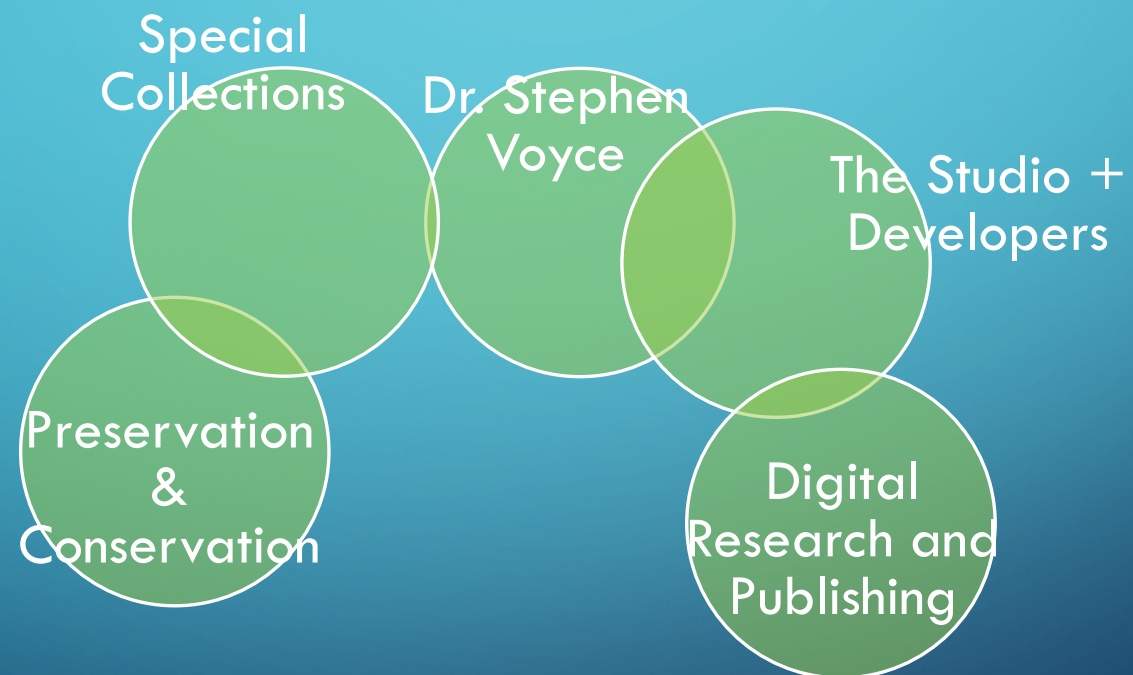
DIGITAL RESEARCH & PUBLISHING (LIB)

Cataloging/Uploading
Content
3D scanning
Photography

THE STUDIO (PROVOST)

Web Development
User testing
Faculty Research
Research Support

INCUBATION



COLLABORATION: TO WORK JOINTLY ON AN INTELLECTUAL ENDEAVOR

Dr. Stephen
Voyce

Special
Collections

The Studio +
Developers

Preservation
&
Conservation

Digital
Research and
Publishing



WHERE DO I FIT IN?

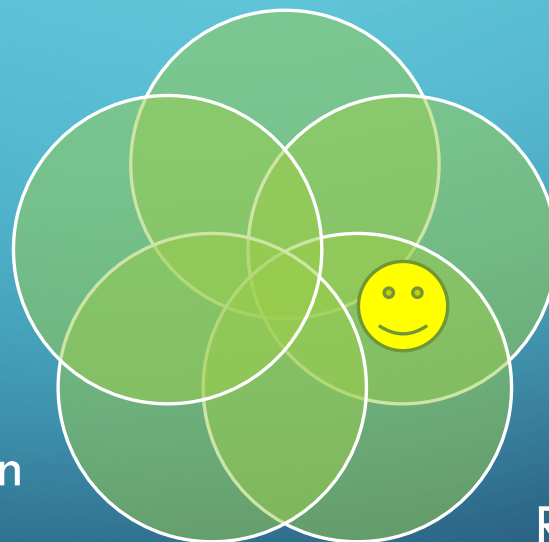
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PRESERVATION & CONSERVATION

2D scanning

Re-housing of physical objects



Digital preservation

DIGITAL RESEARCH & PUBLISHING (LIB)



Cataloging/Uploading Content

3D scanning



Photography

THE STUDIO (PROVOST)

Web Development

User testing



Fluxus Research

Research Support



WHAT ABOUT YOUR PROJECTS?

1. Think about your projects...
2. Share your projects at the table
3. Select 1 project to share with the larger group
4. Identify:
 - Roles in the project – who are the collaborators?
 - What do these people bring to the project? Expertise?
 - What skills are lacking?
 - Where can you seek help?
 - Who is the audience?



Created by Kimi Lewis
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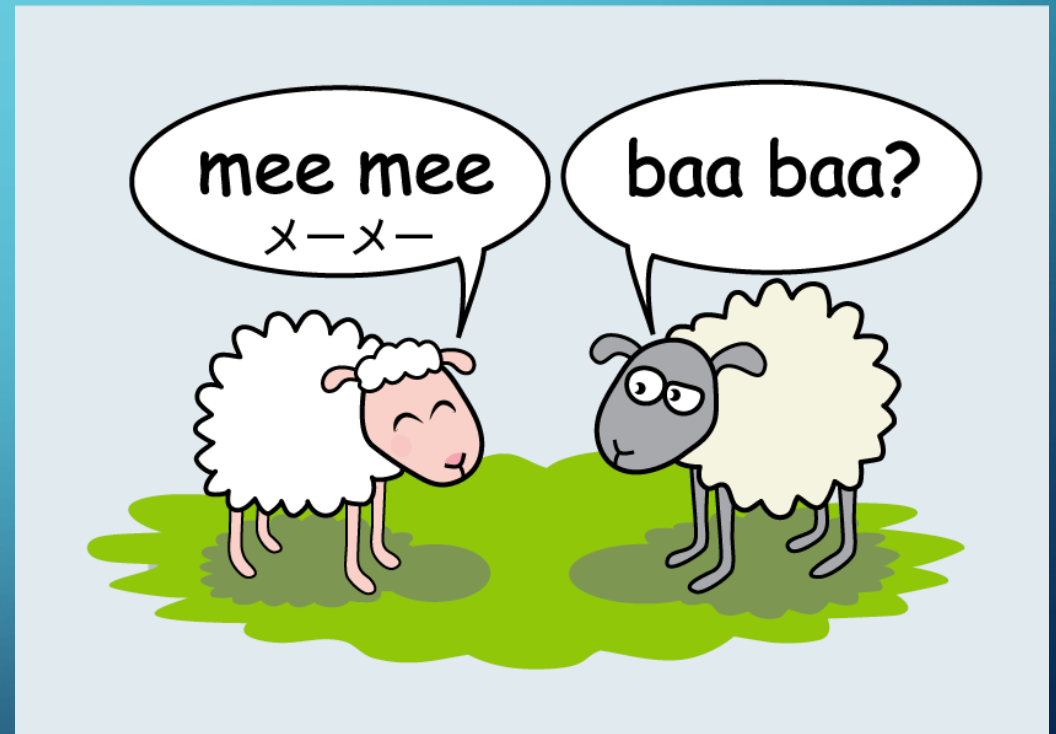
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DIGITAL SCHOLARSHIP CHALLENGES

INSTITUTIONAL AND PROJECT BASED CHALLENGES

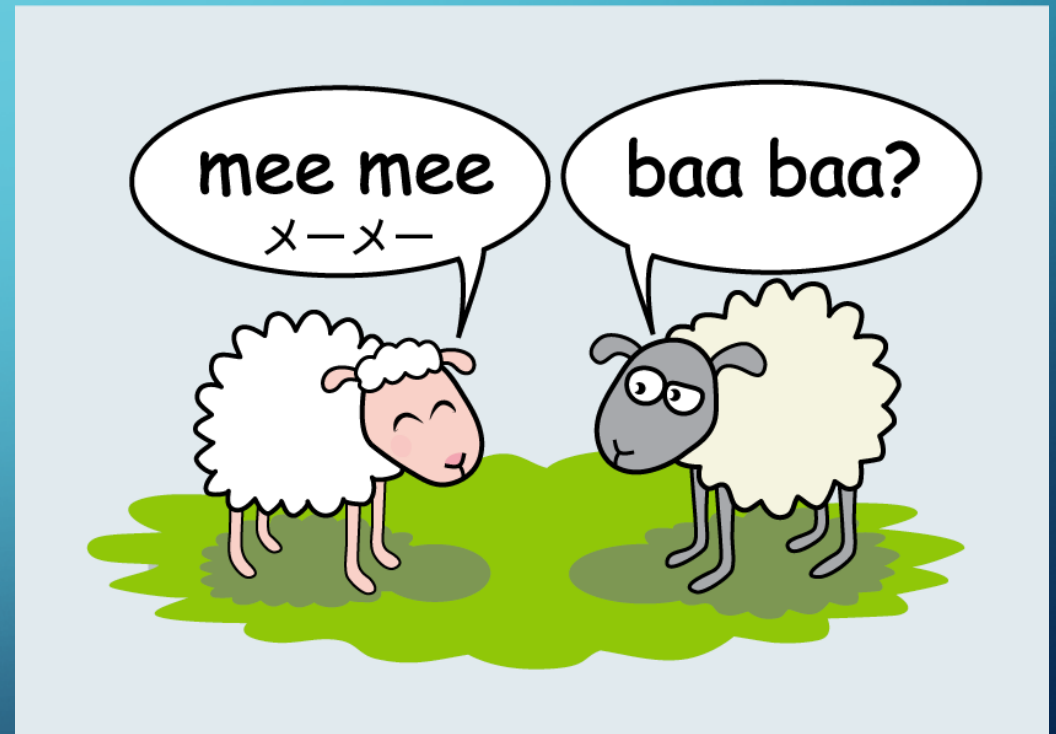
CHALLENGES

- Language barriers



CHALLENGES

- Language barriers
 - Solution = be patient



CHALLENGES

- Language barriers
- Lots of stakeholders = too many opinions



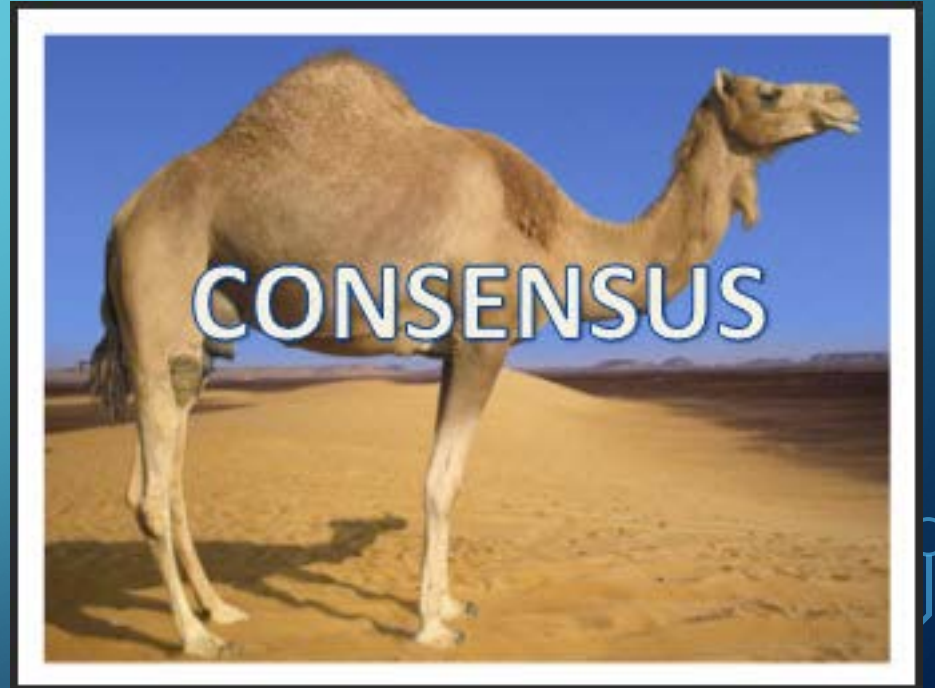
CHALLENGES

- Language barriers
- Lots of stakeholders = too many opinions
 - Solution = Have a shared goal



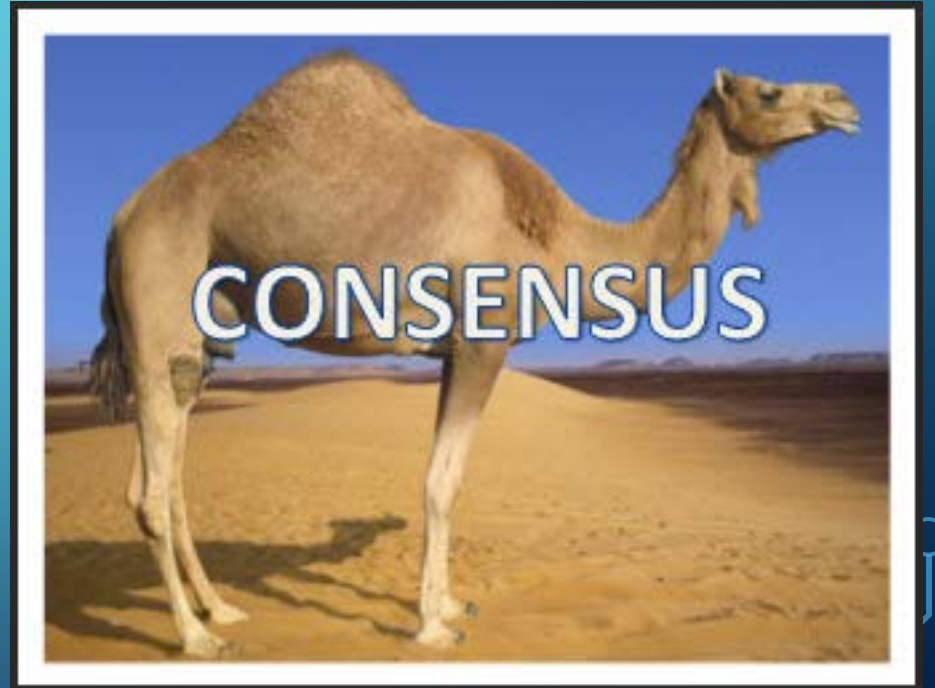
CHALLENGES

- Language barriers
- Lots of stakeholders = too many opinions
- Too many agendas expressed in one project



CHALLENGES

- Language barriers
- Lots of stakeholders = too many opinions
- Too many agendas expressed in one project
 - Solution = define project audience, refer to professional associations for evaluation



CHALLENGES

- Language barriers
- Lots of stakeholders = too many opinions
- Too many agendas expressed in one project
- Funding



CHALLENGES

- Language barriers
- Lots of stakeholders = too many opinions
- Too many agendas expressed in one project
- Funding
 - Solution = set priority, grants, evaluate use/impact



REQUIRED SKILLSET

Understanding Campus Culture

Patience

Ability to resolve conflicts

Management | Coordination (making connections)

Goal Setting

Persuasion

Generally working well with people



Created by Katrin Leo Pako
from Noun Project

WHAT OTHER CHALLENGES MIGHT THERE BE?
WHAT ARE POSSIBLE SOLUTIONS?



Created by Kimi Lewis
from Noun Project

The background is a blue gradient with abstract white lines and circles in the corners, resembling a circuit or network diagram.

WHY DIGITAL SCHOLARSHIP?

DIGITAL SCHOLARSHIP IS WHAT YOU MAKE IT.

- Online and Public Scholarship
- Using Digital Methodologies in order to conduct Research & Pedagogy
- The Natural Shift from the Monograph → Digital Monograph → ??
- Humanistic Questions applied in a Digital Environment or to Digital Methodologies

DEFINITION OF DIGITAL SCHOLARSHIP

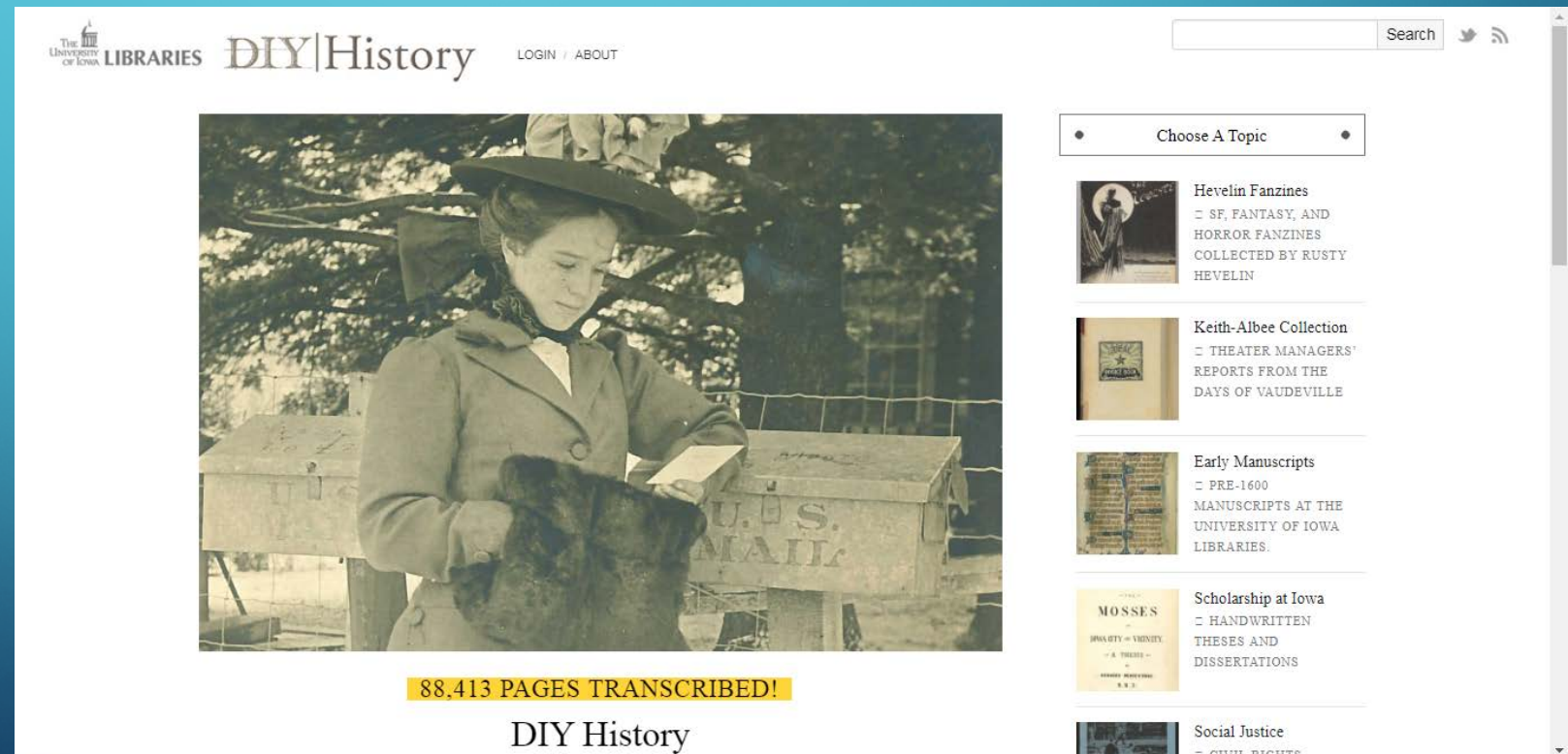
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WHAT CAN DIGITAL SCHOLARSHIP ACCOMPLISH

- Public Engagement and Interaction



WHAT CAN DIGITAL SCHOLARSHIP ACCOMPLISH

- Public Engagement and Interaction
- Larger Audience for Scholarly Critique

WHAT CAN DIGITAL SCHOLARSHIP ACCOMPLISH

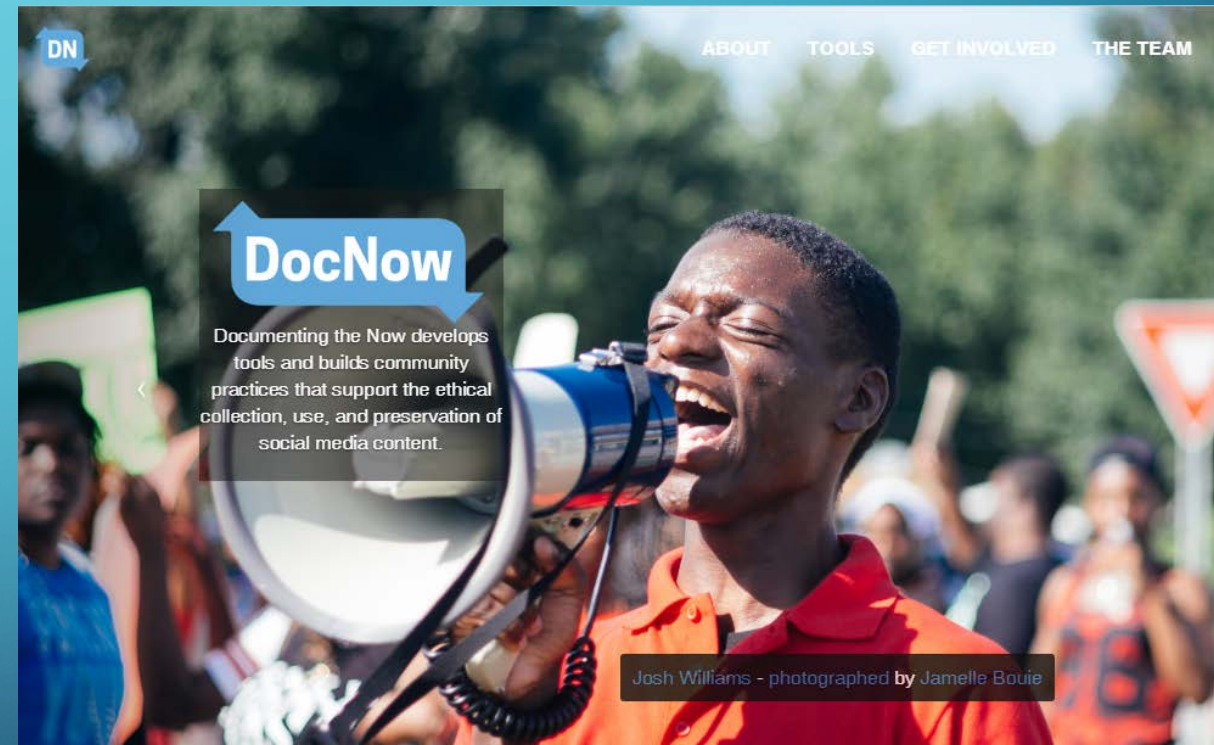
- Public Engagement and Interaction
- Larger Audience for Scholarly Critique
- Support for Differently Abled and Differentiated Learning *****



Sankofa Video Game
<https://ivecg.uci.edu/sankofa/>

WHAT CAN DIGITAL SCHOLARSHIP ACCOMPLISH

- Public Engagement and Interaction
- Larger Audience for Scholarly Critique
- Support for Differently Abled and Differentiated Learning *****
- Integration into larger movements and activities



CHALLENGE FOR YOU

1. At your Table, brainstorm a project
2. Define Purpose for the project | Shared Goal
3. Identify:
 - Roles in the project – WHERE ARE YOU?
 - What do you bring to the project? Expertise?
 - What additional skills are needed?
 - Create Appropriate Cross Discipline/Cross Institutional connections (MAY BE MADE UP)
 - Who is the audience? What are their traits?
4. DIAGRAM or DRAW it out.



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from Noun Project