

*Mapping History at the University of Illinois:  
A Digital Humanities Project*

**Innovation Fund Proposal  
University Library**

December 23, 2015



**University of Illinois, 1911**

**Submitted by:**

Ellen Swain, Archivist for Student Life and Culture  
James Whitacre, GIS Specialist  
Susanne Belovari, Archivist for Faculty Papers

**In partnership with:**

Marci Uihlein, Assistant Professor, School of Architecture

## Executive Summary

### Abstract:

This project will take a multilayered approach to telling the history of the University within an overarching narrative that integrates the idea of place via maps, 3D imagery, and archival content. A project web portal will enable users to: explore University history through decades and themes; overlap and manipulate maps from different time periods; and activate a moving timeline visually illustrating how the University's built environment has changed. It will include a digital repository of University and Champaign-Urbana maps held across Library units and by Facilities and Services (F&S). Completed in time for the University's Sesquicentennial in spring 2017, *Mapping History at the University of Illinois* will harness cutting edge technology to introduce our rich history in innovative ways to new and old audiences of students, faculty, administrators, and the public.

### Funding Request:

<b>Project Need</b>	<b>Total</b>	<b>Matching Funds</b>	<b>Library Innovation Fund Request</b>
Principal Researcher	\$23,800	\$10,000 (Student Life & Culture Archives)	<b>\$13,800</b>
Web Designer	\$10,000		<b>\$10,000</b>
GIS Technician	\$ 3,520		<b>\$ 3,520</b>
Architectural Grad Students	\$ 4,400	\$4,400 (School of Architecture)	
Conservation & Digitization of Materials		In Kind (DCC and Conservation units)	
<b>TOTAL</b>	<b>\$41,720</b>	<b>\$14,400</b>	<b>\$27,320</b>

**Innovation Fund Request to Library: \$27,320**



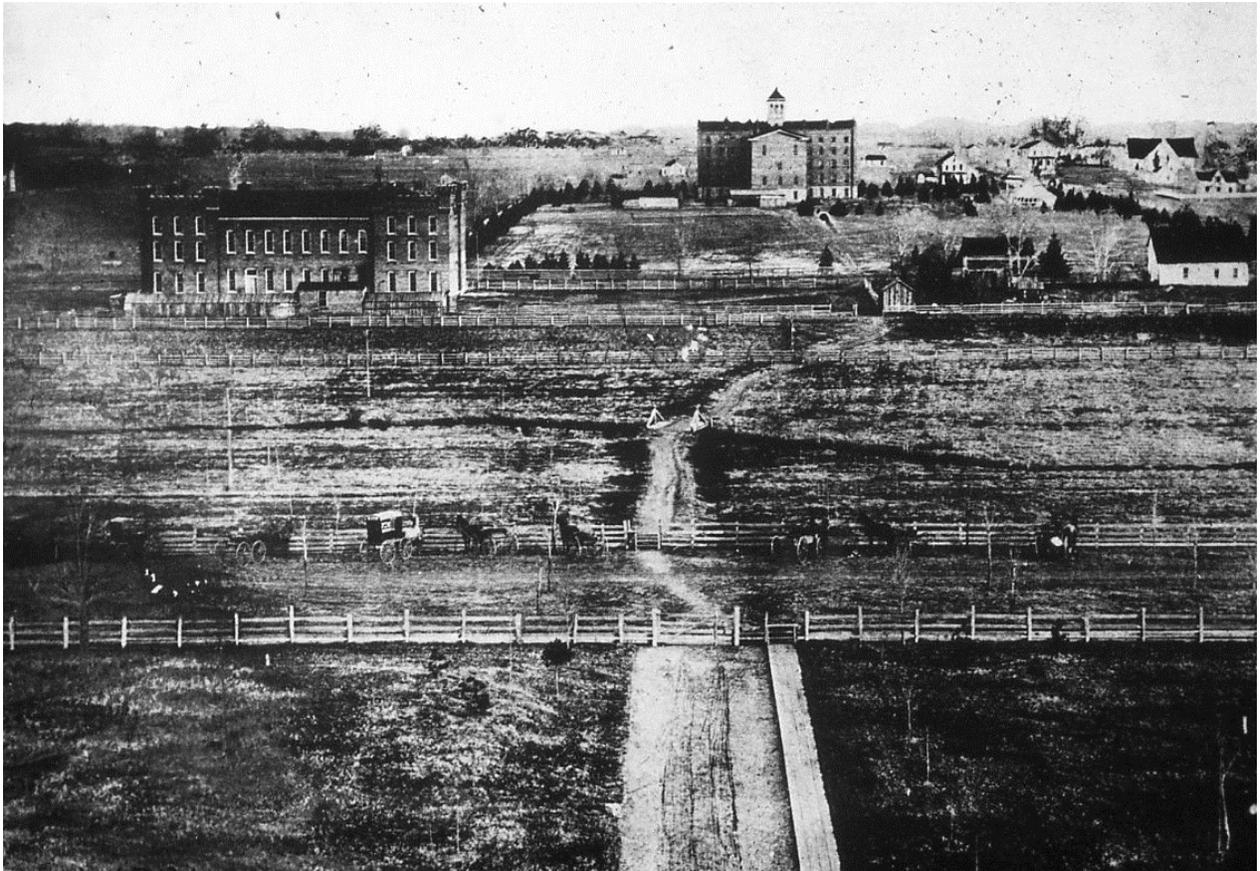
**The Quad, 1914**



**The Quad, c1995**

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**Campus looking north from University Hall  
(Carriages and wagons are on Green Street), 1874**

## Project Overview

Utilizing rich archival and library content concerning University history together with campus maps and embedded GIS technology, the *Mapping History at the University of Illinois* project will support coursework, and student and faculty research on the University in the context of its natural and built environment. The University of Illinois at Urbana-Champaign defines and is defined by its locality—a flat Midwestern prairie removed from major urban centers and surrounded by large-scale agricultural communities. This geography determines who is attracted to the University, what is studied and valued, and how and why collaborations occur. Champaign County defines the people just as the population shapes its surroundings. In the context of the University, the changes over time in the campus’s built and natural environment are intrinsically linked to historical events and people. Each “place” takes on new meanings for the population that shares it.

The role of the Quad in campus life is a good example of place and changing meanings. In the early 20<sup>th</sup> century, the Quad was a destination for formal events such as the May Fête productions, graduation, and twilight band concerts. Students ventured across the Quad only to get to class and then, without treading on the grass. By the latter third of the twentieth century, the Quad’s role became more important in campus daily life. It was the site for student protests, water fights, and streaking. Quad Day, an informal gathering to ease tensions between faculty and students in 1971, brought with it hot dog stands, volleyball games, and talent shows. *Mapping History* will connect physical places such as the Quad, to 150 years of historical happenings through administrative records, student diaries and scrapbooks, photographs and posters, and first-hand accounts of events and people. This project will take a multilayered approach to the telling of the history of the University within an overarching narrative that integrates the multiple layers of the idea of place via maps, 3D imagery, and archival content. Completed in time for the University’s Sesquicentennial in spring 2017, *Mapping History at the University of Illinois* will harness cutting edge technology to introduce our history in innovative ways to new and old audiences of students, faculty, administrators, and the public.

### Project Background:

Student Life and Culture (SLC) Archives and the School of Architecture staff initiated conversations in summer 2015 with the Scholarly Commons GIS Specialist to assess each of their separately imagined map projects. At the same time, a sub-group of the Alumni Association Welcome Center planning committee, on which the SLC Archivist serves, joined in our multiple discussions through the fall to identify overlap with the Welcome Center’s own production of a “trailblazer map,” a GIS visitor map that would reference historical content. SLC and Architecture united their projects—*Mapping History at the University of Illinois*—and will work with the Alumni Association and F&S on specific pieces—design, archival content, and GIS data/application—that are useful to both *Mapping History* and the Welcome Center. Although the Welcome Center map will include some historical content, its primary function is assisting visitors to navigate the campus. *Mapping History* is more academically oriented. It will be

designed to support the Library goals of research and instruction and provide much more content.

Project Team Members include:

Ellen Swain, Archivist for Student Life and Culture;

James V. Whitacre, GIS Specialist

Susanne Belovari, Archivist for Faculty Papers

In partnership with Marci S. Uihlein, Assistant Professor, School of Architecture

To complete the project, the Project Team is requesting funding for a **Principal Researcher**, **Web Designer**, and **GIS Technician**.

### **The Products:**

The proposed project will create a web portal delivering three products:

#### **Product 1: Interactive Campus Maps by Decades**

An interactive map with 3D features will tell the story of each of the 15 decades of campus history through narrative text, illustrative documents, images, sound, and video. Themes or topics will cut across time and space and involve aspects of university life that reflect all campus constituents. Project Team Members and the Principal Researcher will refine and develop themes as research progresses to provide greater integration and depth. The Principal Researcher will locate and select archival material to illustrate the themes.

#### **Product 2: Interactive Campus Map Timeline**

Project Team Members will develop a web-based mapping application to demonstrate the growth of the campus through history by showing how it grew through building initiatives. The Project Team plans to incorporate historic campus maps, aerial imagery, photographs, and architectural renderings to enhance the interactive timeline. Importantly, members will incorporate additional GIS layers to the tool, and the GIS Technician will incorporate resources provided by F&S's Facilities and Information Resources (FIR) unit.

#### **Product 3: Campus and Champaign-Urbana Digital Map Archives**

A new digital map archives, comprised of historic maps, aerial photos and drawings from multiple units across campus, will be assembled to contribute to student and faculty research concerning the University and its natural and built environment.

## Methodology

### Project Methodology and Components

To create the final web portal, Project Team Members will integrate several stages of work including construction of the **historical narrative**, deploying **web maps and GIS technology**, and presenting and providing access to the **archival source materials**. The historical narrative will shape all aspects of the project and is critical for determining what maps and archival content to include. Below are web links to three models that the Project Team found as precedents:

A spatial representation of the assassination of President Lincoln:

<http://story.maps.arcgis.com/apps/MapTour/?appid=c50be5615f024cc482ccb88222a8719d#>

A History of Wesleyan University using the Story Maps Template:

<https://wesfiles.wesleyan.edu/courses/DigitalHistory/spatialhistory/>

The University of Minnesota Campus History application:

<https://www.lib.umn.edu/apps/campushistory/>

The **historical narrative** will introduce each decade in campus history (fifteen in total) through an overview of the period. Based on the Principal Researcher's in-depth research, Project Team Members will integrate content through themes or topics which intersect multiple aspects of university life and reflect diverse campus constituents. Themes will include: academics and research achievements; biographical accounts; student life and culture; and impact of national and regional events on the campus. The **Principal Researcher**, under the direction of and in collaboration with Project Team Members, will refine themes as research progresses. The **Web Designer** will aid with designing and integrating the historical narrative content into the web portal components. Additionally, the School of Architecture will supply historical narrative content related to the School's involvement with particular buildings and spaces to be included throughout the project.

Project Members will employ **web maps and GIS technology** to give the historical narrative spatial context to allow users of the portal to understand where certain events took place. And how place, people, and events interact. The **GIS Technician and Web Designer**, under the direction of the Scholarly Common's GIS Specialist, will use a Story Map web application template, geospatial data and maps, and other web tools to organize and present the historical narrative. The Story Map will include multiple web maps highlighting different layers of geospatial information such as buildings and cultural features that pertain to the different aspects of the historical narrative. Additional forms of media, such as photographs, videos, and other web content will be included in the Story Map to give further context.

In addition to the Story Map, the **GIS Technician and Web Designer**, under the direction of the Scholarly Commons GIS Specialist, will develop the Interactive Campus Map Timeline, which

will be a separate web-based mapping application, but integrated into the overall web portal. This application will highlight the growth and changing landscape of the University of Illinois campus over time, very similar to the University of Minnesota Campus History web-based mapping application noted earlier. However, Project Team Members will go further by incorporating photorealistic 3D models of buildings and creating better usability. The School of Architecture will develop 3D building models to integrate into the geospatial data.

Inherent in the final product is the presentation and direct web access to many **archival source materials**, including administrative records, faculty papers, oral histories, photographs, historical maps, and geospatial data. Project Team Members will thoroughly document all data and material included in the project so they are available for use in classes and for research by faculty and students.

Because mapping is an essential component of the whole project, the project will also make historic maps digitally accessible in an online archives thus contributing to research on the University and its built and natural environment. The required historical maps and other aerial images are available through the Map and Geography Library, University Archives, Illinois State Geological Survey, F&S, and the Illinois History and Lincoln Collections. Library Digital Content Creation (DCC) will digitize approximately 350 maps, aerial photographs, slides, and drawings of campus. From this new digital map archives, the Project Team Members in collaboration with the **Principal Researcher** will select campus maps and aerial images from the 1860s to the present. After which the **GIS Technician** will georeference these selections using GIS software so the scanned documents can be overlaid onto basemaps and accessed by geospatial researchers.

## **Project Implementation and Budget**

### **Project Implementation**

Over the last four months, Project Team Members have: defined project goals; tested technologies; written campus history outlines; conducted architectural history research; identified and secured needed content (F&S's GIS data and building renderings and Map and Geography Library and University Archives holdings); consulted with partners (Library IT and the Alumni Association Welcome Center planning committee) concerning shared content; and identified, inventoried, and evaluated conservation needs for maps. In evaluating the scope and goals of the project, it has become clear that while several units have been able to donate time to the project, additional resources are needed to move from the planning phase into production. The timeline in Appendix 1 further details the next steps. An Innovation Fund award will enable the Project Team to hire: the Principal Researcher, the Web Designer, and the GIS Technician and move this vision into reality.

*Critical to the success of the project is robust, accurate, and extensive historical research assembled into a coherent narrative.* This capacity can be guaranteed by hiring free-lance

historian John Franch, full-time (40 hours per week) during spring semester 2016 (17 weeks) at a rate of \$35 per hour as the Principal Researcher. Franch is fully-knowledgeable of University history and University Archives holdings as demonstrated by his publications. He is co-author of the upcoming Sesquicentennial book, *An Illini Place*, a treatment of University's campus plan and social spaces. He has published an extensive scholarly biography with University of Illinois Press and has completed numerous research and archival processing projects for the University Archives on topics ranging from economics and genetics to international journalism and Native Americans. An excellent historian, his skills, knowledge of University history, and familiarity with local sources are invaluable and essential to the project's success. Franch will work under the supervision of the SLC and University Archives to produce the much needed historical framework for the project. He is available in spring 2016.

Free-lance web designer Kurt Bielema, owner of SingleStereo, has worked with numerous campus units and designed the College of Liberal Arts and Sciences' Storyography website (<http://www.lincolnhall.illinois.edu/storyography/>). Bielema's fees are based on his standard University rates and include design development of the creative direction of the website and moving the final design into production. It is estimated that the fee for Bielema's time is approximately \$10,000.

Finally, we require funds for a graduate student who will be the GIS Technician. At the moment, we do not have a specific person in mind but believe that it will be a graduate student who possesses strong GIS skills. With several departments using GIS, we do not expect to have difficulty in finding someone. The GIS Technician will assist the Scholarly Commons GIS Specialist in implementing and applying those technologies to the project. The GIS Specialist would require 160 hours over spring semester 2016 at a pay rate of \$22 per hour.

### **Existing Resources**

We are fortunate to have some matching funds and resources to support this collaborative project. The SLC Archives has pledged \$10,000 from its annual endowment income to support the Principal Researcher's work.

The School of Architecture has contributed graduate student wages of \$1200 since summer 2015. Starting in the Spring Semester the School will contribute graduate hourly wages for two students (160 hours at \$15 per hour) for positions over spring semester 2016, for total contribution of \$4,400. Prof. Uihlein will continue her involvement in supervision of the graduate students and project research through 2017.

In December, SLC Archives and Map and Geography Library staff compiled inventory spreadsheets of campus map and photographic holdings and met with Digital Content Creation (DCC) and Conservation staff to plan the digitization timeline. DCC and Conservation staff have agreed to evaluate, conserve, and digitize approximately 350 maps, aerial photographs, slides and drawings.

## BUDGET

<b>Project Need</b>	<b>Total</b>	<b>Matching Funds</b>	<b>Library Innovation Fund Request</b>
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### **Innovation Fund Request to Library: \$27,320**

#### **Objectives & Fit with Library Strategic Plan**

The underlying objective of *Mapping History at the University of Illinois* is to present in-depth historical research and archival content in a dynamic, inclusive, and innovative way to promote investigation, analysis, and discovery by a host of disciplines. This discovery tool will enable students and others to experience visually and through interactive applications how and why the University has grown into its current form over the last 150 years. University Archives staff will use the portal as a mechanism to attract new teaching faculty currently unaware of archival holdings as well as engage faculty who have long relied on the University Archives for course content and assignments. The School of Architecture will integrate the portal in its anniversary celebrations as a resource for exploring the contributions of its faculty, alumni and students in shaping the campus's built environment. Meanwhile, architecture and GIS students will use this resource as a model for future mapping and class studio projects.

By catching contemporary users' eye through innovative online tools, the portal will demonstrate that archives, primary sources, one's physical environment, and the histories behind them are not just fascinating but the touchstones for discovery and development of new knowledge.

***Mapping History at the University of Illinois objectives align closely with the Library's strategic plan.***

### **Pilot or advance new ideas, services or technologies**

The portal will create new possibilities for research, discovery, and teaching:

- The **teaching tool**, once integrated into the classroom setting, will incorporate Library materials across units for use in undergraduate research projects;
- By incorporating the Library's software installations of ArcGIS for Server and Portal for ArcGIS, the projects' **GIS technology** will allow the implementation of 3D web mapping visualizations and help advance this technology otherwise in a relatively early stage of development.
- The project will explain **architectural design and concepts** to inform an understanding of the campus community through renderings, construction documentation, and building history;
- By integrating all of these ideas together in a **holistic project**, the project showcases the leadership of the University Library in Digital Humanities.

### **Investigate new or alternative ideas, technologies or processes for conducting or organizing Library activities**

This project utilizes the Library's investment in GIS technology and GIS staff to unite several platforms, and to better position the Library's expertise in this emerging research tool. This technology also will allow Project Team Members to serve the included GIS data of the University for use by students in research and class projects.

The project acts on the Scholarly Commons GIS program's mission to support current and on-going research and data management within and beyond the Library. GIS will be used to bring the Library virtually to the campus through this engaging portal.

### **Encourage users in using and enhancing library-managed content**

The project's core objective is to encourage and enable faculty and student use of Library and Archives materials in new and innovative ways. By presenting an inclusive history of groups and individuals on campus, Project Team Members will encourage more detailed research into all aspects of University experience. Furthermore, architecture students can use this resource as a reference point to inform future class projects.

## **Initiate or advance strategic partnerships with other campus units, other libraries or library consortia or other organizations**

This project capitalizes on the talents of a diverse group of supporting units. Library units such as University Archives, Scholarly Commons, DCC, and Conservation, will collaborate with School of Architecture, F&S, and the Alumni Association to join resources and expertise to make a project for the entire campus.

## **Demonstrate scalability**

Critical to the project is the portal's usability and lifespan. Its success depends on its flexibility for technological upgrades and migrations, maintaining and adding historical content, and adding architectural features as the campus grows. Important steps in the design process include setting metadata protocol and creating a plan for expansion.

## **Assessment and Sustainability**

Project Team Members will assess the portal's success through a number of measures. Faculty members who use the Archives heavily in their teaching will advise, review, and critique the project work as it moves forward. Several faculty have expressed support for and interest in the project (See Appendix 2). Their use, and use by other faculty, instructors, staff and students, of the product will be an initial indicator of its value. Project Team Members will incorporate a web counter and utilize Google Analytics to track how the portal is used.

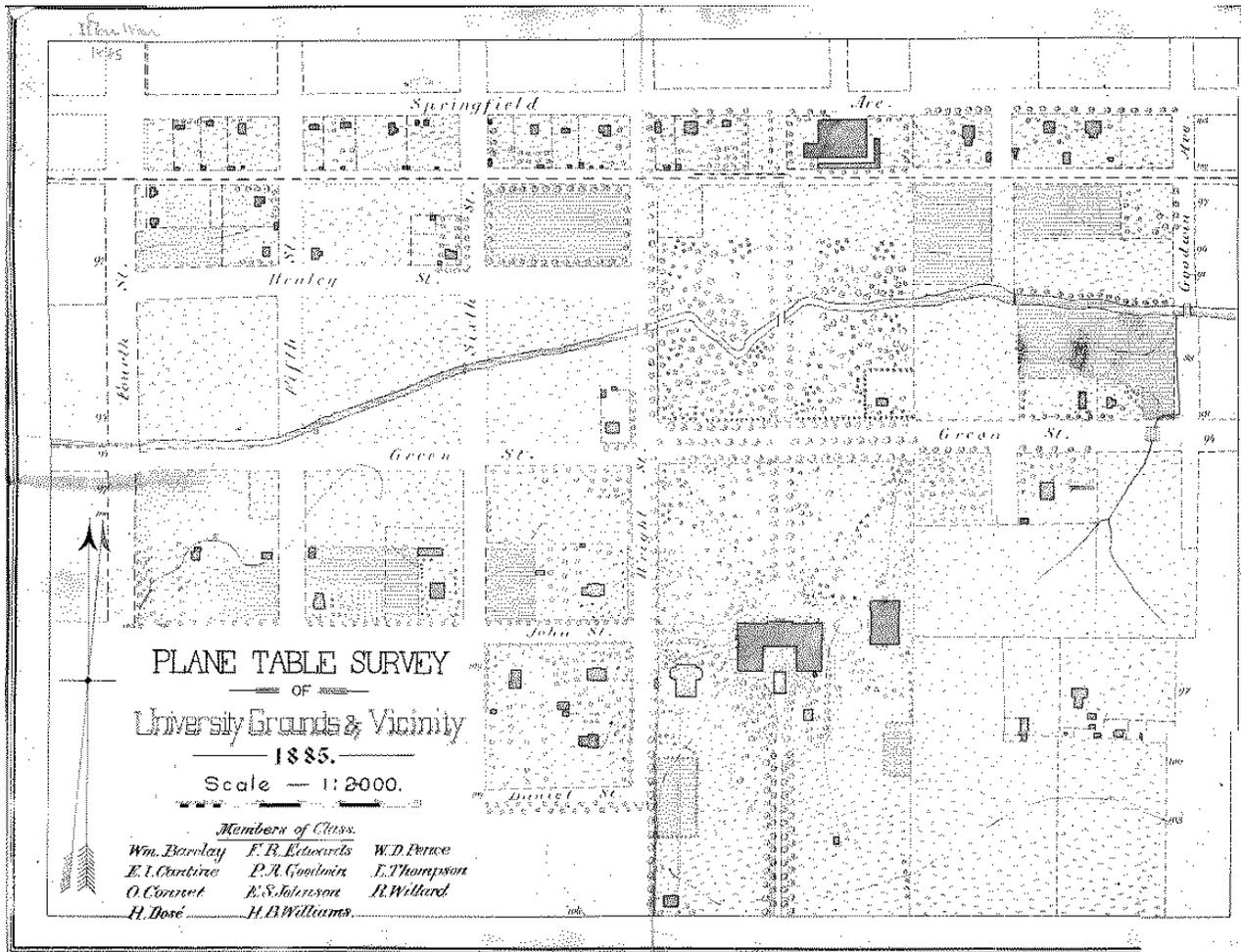
With assistance from Library IT, Project Team Members commit to maintaining and building the site, especially because this portal will be used with regularity by Project Team Members themselves. The portal is organic and will evolve over time as technology changes, students find new historical discoveries to integrate, and further content is added through undergraduate and faculty led research projects.

## **Conclusion**

*Mapping History at the University of Illinois* will showcase not only the holdings of the University Archives, but also the depth and strength of the Library's resources and staff to serve campus as a whole. The project brings together multiple university units, deftly integrating their separate research goals and objectives and in so doing, engaging a wide selection of departments and constituencies in its creation and use. The portal will serve as a dynamic home for campus history because its center is a framework to which new research can be added. It will communicate who we are (the Library), what we do, and why we are important to campus and to the larger Illinois community. The project is at a critical stage and needs additional personnel in the form of a Principal Research, Web Designer, and a GIS Technician. With financial support from the Library's Innovation Funding Program, the Project Team will be able to complete this exciting project and share it with the campus.

## Appendices

- Appendix 1: Timeline
- Appendix 2: Letters of Support
- Appendix 3: Roles of Collaborators



Campus Map, 1885

## Appendix 1: Timeline

Products	Jan – March	April – June	July – Sept	Oct – Dec	Jan – March, 2017
<b>Interactive Campus Maps by Decades</b>	<b>Principal Researcher</b> Prioritize decades and themes Research history and write narratives Identify and choose historical materials Select maps to be scanned		History narratives first draft	Add additional narratives and web maps to the Story Map application(s)	Finalize design and usability changes
	<b>GIS Technician</b> Build web maps for Story Map Identify and compile additional GIS data to be included in the web maps		Story Map first draft		
	<b>Web Designer</b> Meet with team for needs and usability/accessibility goals Story boarding of Story Map/web portal template	Graphic design of Story Map/web portal	Usability testing of web applications		
<b>Interactive Campus Map Timeline</b>	<b>GIS Technician</b> Prepare essential GIS data layers (buildings, trees...)	Begin compiling 3D buildings into GIS data		Troubleshoot issues with the Campus Building Timeline web app	Finalize design and usability changes
	<b>Web Designer</b> Meet with team for needs and usability/accessibility goals	Graphic design of Campus Building Timeline web app	Usability testing of web applications		
	<b>SC GIS Specialist</b> Begin developing Campus Building Timeline web app	Integrate aerial images into Campus Building Timeline web app Integrate 2D buildings and other GIS data into Campus Building Timeline web app	Integrate scanned maps into Campus Building Timeline web app Integrate 3D buildings GIS data into Campus Building Timeline web app Finalize first draft of Campus Building Timeline web app		
<b>Campus and Champaign-Urbana Digital Map Archive</b>	<b>Principal Researcher</b> Select high priority maps for scanning Prepare archival materials and transfer to DCC				
	<b>GIS Technician</b> Begin georeference aerial images	Begin georeferencing scanned maps	Complete aerial images and historical maps georeferencing		
	<b>Digital Content Creation</b> Begin scanning historical maps, aerial images, and other content	Complete scanning historical maps, aerial images, and other content			
<b>Architectural 3D Building Models</b>	Continue historic research Identify architectural focus points Identify buildings needing 3D models or revisions	Write architectural history narratives Collect historical imagery Compose visualization of focus points Create/Revise building 3D models	Finalize first draft of the architectural theme Finish creating/revising building 3D models Coordination with Scholarly Commons		Finalize design and usability changes

First draft of web applications complete

## **Appendix 2: Letters of Support**

[Trevor Birkenholtz, Associate Professor](#)

Geography and GIS

[Mireya Loza, Assistant Professor](#)

History, Latina/o Studies, EUI

[Kelly Ritter, Professor](#)

English, Director of Undergraduate Rhetoric Program

English, Gender/Women Studies, African American Studies, EUI

[Siobhan B. Somerville, Associate Professor](#)

English/Gender & Women's Studies

[Chadwick Kupferschmid, Facilities Information Management Coordinator](#)

Facilities and Services, Facilities Information Services

**From:** Birkenholtz, Trevor  
**Sent:** Friday, December 18, 2015 12:48 PM  
**To:** Swain, Ellen D <eswain@illinois.edu>  
**Subject:** Re: Campus maps digital humanities project- a request

Hi Ellen,

I wrote this today. Feel free to suggest edits to better suit your needs. I am happy to incorporate your comments. Otherwise, good luck and keep me posted!

cheers - trevor

I am highly supportive of this digital humanities historical mapping project and am excited about the possibility of using it in my classroom as a teaching tool. The project is innovative in that it will allow the community and students to interactively experience the university's growth and expansion over its history through advanced visualization techniques. Using Storymap technology, the project will also bring to life this history from differently situated perspectives by drawing on diverse stories in historical context. In short, it will make a wonderful teaching tool by allowing students to tie the growth and development of the university to particular historical moments in US and Illinois history, making sense of it through multiple perspectives.

-----  
Trevor Birkenholtz  
Associate Professor  
Editor, Environment and Society Section, *Geography Compass*  
Chair, Cultural and Political Ecology Specialty Group of the AAG

Department of Geography and Geographic Information Science  
University of Illinois at Urbana-Champaign

<http://www.geog.illinois.edu/people/trevbirk>

**From:** Loza, Mireya

**Sent:** Thursday, December 17, 2015 9:18 PM

**To:** Swain, Ellen D <eswain@illinois.edu>

**Subject:** RE: Campus maps digital humanities project- a request

Hi Ellen,

Here is my brief statement. If it's not exactly what you're looking for, please let me know and I can edit it.

best,

Mireya

I believe this project has the potential to give students and the community at large innovative tools for exploring, engaging, and informing their knowledge about the university in visual modes. They are not only building on a successful project but are expanding and reconfiguring the format so that historical and spatial knowledge stand at the fore. By making history visible and tangible, this project can build a more inclusive university environment.

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**DEPARTMENT OF ENGLISH**  
608 South Wright Street  
Urbana, Illinois 61801  
phone: 217-333-2392  
fax: 217-333-4321

*<http://www.enalish.uiuc.edu>*

December 17<sup>th</sup>, 2015

To Whom It May Concern:

I am writing in support of Ellen Swain, James Whitacre, Marci Uihlein, and Susanne Belovari's application to the UIUC Library for funding of their UI Historical Maps project through the Innovative Funding competition. As both Director of the Undergraduate Rhetoric Program at UIUC and a scholar of institutional histories, I find the project fascinating, with many positive potential applications for both undergraduate and graduate education.

Our Rhetoric 105 have long since used the University Student Life Archives to learn more about primary source material for their final research projects. Each semester, many sections of 105 visit the Archives to examine artifacts from UIUC classes past. They then incorporate this research into their own examinations of UIUC culture, sometimes as ethnographic projects. Swain et. al's proposed project would enhance these students' experiences with campus artifact analysis, putting those artifacts in greater context (visually, culturally) through the mapping portals. I can also see this work enhancing other undergraduate experiences, such as the newly piloted Grand Challenges Learning courses, which emphasize project-based, experiential learning.

In my own graduate courses, such as my English 582: Historiographies of Writing seminar, I would also find these resources of the project very useful. Many of my graduate students do not have prior experience with archival work, so in this seminar, I need to scaffold their knowledge of archives and historiography through local sources, namely the NCTE archives. The mapping project that Swain et. al propose would be an additional, valuable resource to show these graduate students—particularly those who are less interested in a specific repository and more interested in histories of institutions, such as this project provides. Many of these graduate students are invested in the ways in which institutional histories impact writing and literacy on local levels, including here in our state; having a repository of not only UIUC's history, but how that history interfaces with Illinois history in a larger sense, would be an invaluable resource for these students and their projects.

In sum, I whole-heartedly support this proposed project and hope that the Library will be able to provide funding for it. If you would like to speak further, please do not hesitate to contact me.

Sincerely,

Kelly Ritter  
Professor of English  
Director, Undergraduate Rhetoric Program  
Provost Fellow for General Education (starting January 2016)  
Editor, *College English*  
[ritterk@illinois.edu](mailto:ritterk@illinois.edu)  
(336) 847-2276

The proposed digital campus history/maps project will be enormously valuable to students who take my undergraduate seminar on “Locating Queer Culture” (GWS 467/HIST 468), a course that focuses on archival and ethnographic methods for studying queer culture at the University of Illinois (and which is affiliated with the Ethnography of the University Initiative). My students pursue original research projects in the Student Life and Culture Archives in order to understand the university as a site of queer history and culture, with special attention to questions of racial segregation and gender-specific institutions (such as fraternities, sororities, and sports). The proposed digital campus map project will be a wonderfully dynamic teaching tool, offering students new ways to visualize the relationship between specific archival examples and the larger historical narratives through which we understand the university as a whole.

Siobhan B. Somerville  
Associate Professor, English/Gender & Women’s Studies  
Conrad Humanities Scholar, College of Liberal Arts and Sciences

# Mapping History at the University of Illinois Statement of Support

Kupferschmid, Chadwick A

**Sent:** Tuesday, December 22, 2015 12:17 PM

**To:** Whitacre, James V

**Cc:** Uihlein, Marci Smith

Good morning James,

Here is my revised statement...

Facilities Information Resources (FIR) originally created 3D SketchUp models of campus facilities to assist the University's capital planning unit with new building siting. In addition, the models were uploaded in Google and integrated with Google Earths 3D buildings layer making the models accessible to others. Unfortunately budget rescissions and reallocation of resources forced FIR to discontinue support for the 3D models.

Therefore, a campus-wide project that is able to incorporate the 3D SketchUp models and expand their use is an excellent use for this existing resource. FIR is excited to see the models we worked so hard to develop over the years integrated with a time enabled campus 3D city model. A byproduct of the project is the potential impact a well-developed virtual map can have on other areas for campus such as, wayfaring, campus tours, alumni events, donor collaboration, event coordination and emergency planning.

This project is in alignment with advancements in technology that are driving industry to enhance the ability for consumers to visualize, navigate, create, maintain and share information. Facilities Information Resources understands the importance of this and is willing to continue providing assistance as needed to the project.

Please know that I fully support this project and I am delighted to contribute to it.

Thank you.

**Chad Kupferschmid**

*Facilities Information Management Coordinator*

Facilities Information Resources

Physical Plant Service Building

1501 South Oak Street

Champaign, Illinois 61820

Phone: (217) 333-0923, *Direct* (217) 244-0407

<http://www.fs.illinois.edu/services/facilities-information-resources>

## Appendix 3: Roles of Collaborators

### Collaborators

#### Library:

Map and Geography Library: Map Librarian has identified and inventoried over 100 maps for inclusion in the digital map archives.

Library IT: In addition to advising technical aspects of the project, Library IT has agreed to provide programming and development of the project website in partnership with the Web Designer

Digital Content Creation (DCC): DCC has agreed to digitize maps, aerial photographs, slides and drawings from holdings of both the Map and Geography Library (spring 2016) and the University Archives (fall 2016).

Conservation: Conservation staff has agreed to analyze needs and conduct conservation treatment of maps from University Archives holdings for digitization during spring semester and summer 2016.

F&S: Facilities Information Resources (FIR): FIR has provided campus GIS data and 231 3-D building models. FIR archivist will assist the project by sharing maps and assisting in historical research as needed.

Alumni Association: Alumni Association will provide access to its extensive photograph files. Museum designer Monadnock, hired by Alumni Association's contractors Rhodesworks, will share design features to integrate in both Alumni Center and *Mapping History at the University of Illinois* portal projects.