



Changing Nature of Scholarship

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Project Bamboo is made possible through a grant from the Andrew W. Mellon Foundation.

Bamboo is a community-driven cyberinfrastructure initiative that includes faculty and researchers engaged in humanistic inquiry, computer scientists and information scientists interested in innovative models for shared services, and librarians, academic content partners, campus information technologists and other professionals who want to work together across disciplinary, organizational, institutional, and geographical boundaries to better enable and foster **innovation** in the **arts and humanities**.

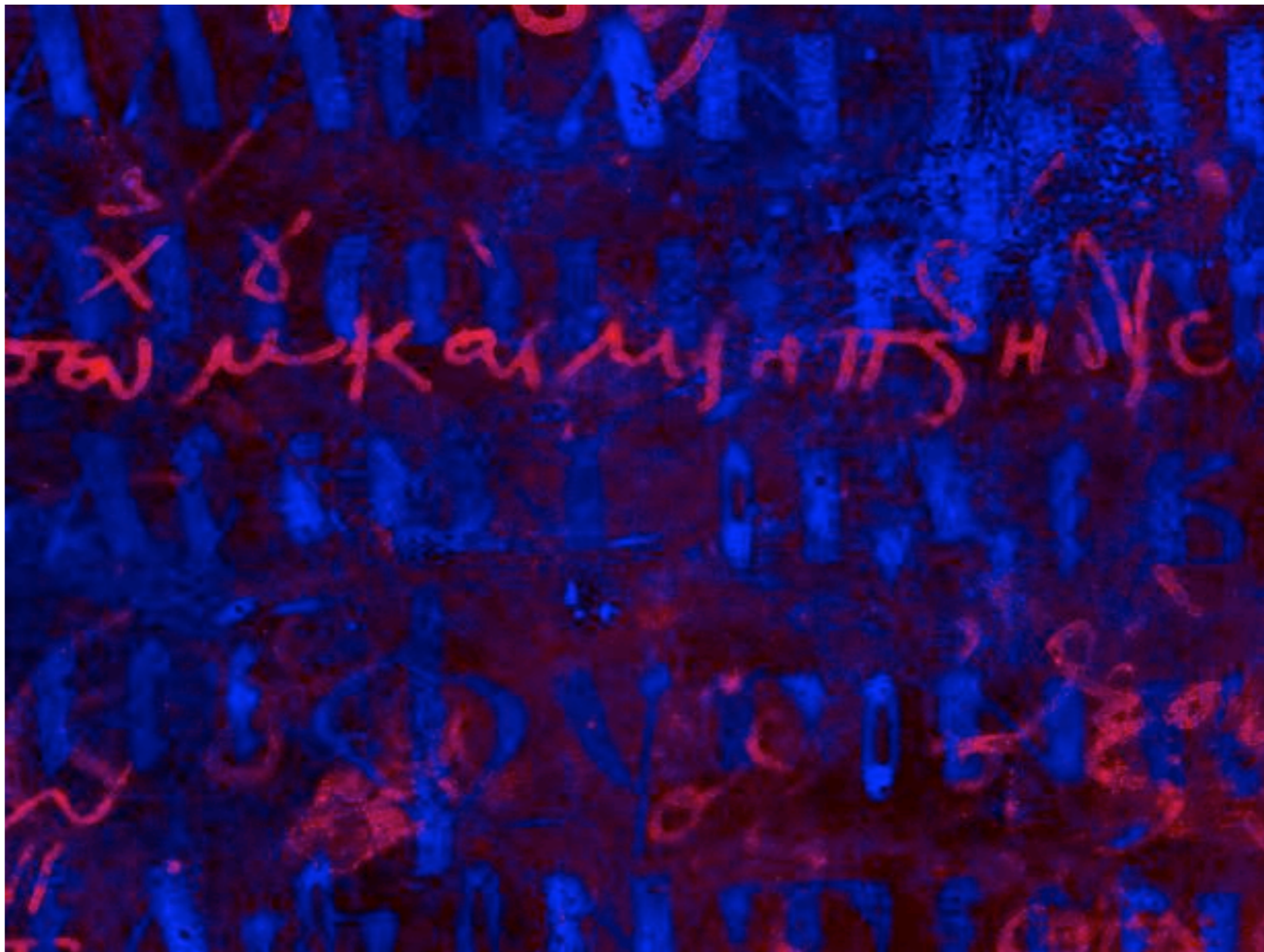
<http://projectbamboo.org>
<http://del.icio.us/cjkainz/cyberinfrastructure>



The Trebizond Lectionary Fragment, Ms. 702, Goodspeed Collection
Joseph A. Regenstein Library, The University of Chicago

Handwritten text in Greek script, likely a lectionary fragment. The text is written in a cursive style and includes several lines of script. A prominent line reads: *...ου κε ου κε ου κε χαπυσκει*. The fragment shows signs of age, including staining and some ink bleed-through from the reverse side.

Handwritten text in a cursive script on aged, stained paper. The text is arranged in several lines, with some characters appearing to be Greek or Latin. The most legible line contains the characters: ω μ κ α μ η π ζ η δ ν . The paper shows significant signs of age, including brown stains and a mottled texture.





faculty

researchers

computer scientists

information scientists

librarians

content partners

information technologists

professionals

innovation



can be a differentiator
tends to be dependent
can be "fun again"
still happens
teaching

[*technology, space*

[*pedagogy, tools, classroom*

can be a differentiator
tends to be dependent
can be "fun again"
still happens

— [*technology, space*

— [*pedagogy, tools, classroom*

teaching

research

competitive

collaborative

— [*physical, virtual*

connected

distributed

— [*local to international*

serendipitous

inter-institutional

digital

discoverable

verifiable

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informal

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flexible

contextual

[environment

Partnerships across administrative and academic boundaries appear to be crucial to success

Need to find a balance between innovation + scalability

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can be "fun again"
still happens

— [technology, space]
— [pedagogy, tools, classroom]

teaching

research

competitive
collaborative — [physical, virtual]

learning

connected
distributed — [local to international]

collaborative
connected
formal
informal
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flexible

serendipitous
inter-institutional
digital
discoverable
verifiable

contextual — [environment]

Partnerships across administrative and academic boundaries appear to be crucial to success

Student life is physical and virtual, social + academic

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— [physical]
— [local to int'l]

learning

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— [environment]

- Google
- Microsoft
- Yahoo!
- YouTube
- Photobucket
- Flickr
- SecondLife
- Facebook
- Writeboard
- delicious
- MySpace
- Orkut
- Beebo
- Twitter
- Basecamp
- Zotero
- NetVibes
- Amazon
- Diigo
- XDrive
- Sakai
- TypePad

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Access to services, resources, support, etc. is more important than who provides it

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still happens

teaching

technology, space
pedagogy, tools, classroom

Google

The line between research and teaching is blurry

research

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environment

Always connected creates new opportunities

Always connected creates new challenges

technology
pedagogy, tools, ...

The line between research and teaching is blurry

- physical
- Second Step
- Facebook
- Writeboard
- delicious
- MySpace
- Orkut
- Beebo
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- Basecamp
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contextual

creation
manipulation
visualization
simulation
communication
conversation
inspiration

technology
pedagogy, tools, ...

physical
local to in

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- TypePad





... After you cut the weed growth
and establish the limits of the field,
level it many times with a thin hoe (of
a weight) of two-thirds of a mana.

Let a flat hoe erase the oxen tracks,
let (the field) be swept clean.

A maul should flatten the spots (with
traces) of the (old) furrow bottoms.

The hoes should go around the four
edges of the field ...

```
float taskR
Field field
WorkCrew cr
Household h
.get()

// Determin
int cult= (
.intV
int imp= (
.intV

float laborForce= crew.getLaborForce();
if( laborForce < 0.1 ) return;
// Can't get anything done today if nobody shows up.

float daylightHours= Ephemeris.getDaylightHours();
float maxTimeOnTaskHrs= daylightHours- 2.0f *
EnkiduUtilities.walkTimeToFieldHrs( household, f
...

```

3,800-year-old
cuneiform tablets
converted into Java
software code in
order to simulate
ancient settlement
systems...

Modeling Ancient Settlement Systems, Oriental Institute, University of Chicago
<http://oi.uchicago.edu/OI/PROJ/MASS/introduction.htm>

Image from "ENKIMDU: A Multidisciplinary Landscape Simulator for Ancient Mesopotamia"
Advanced Simulation Technologies Center, Decision and Information Sciences Division, Argonne National Laboratory
http://oi.uchicago.edu/OI/PROJ/MASS/papers/webENKIMDU_CaseStudy.pdf

Image courtesy John Laudun, University of Louisiana, Lafayette



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