

# Strategies for sustaining libraries and some new forms of scholarly communication

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Programs

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# Academic libraries

...provide scholars with the information they need for teaching, research, and learning

And they play vital roles in the dissemination of knowledge (that is, in scholarly communication)

# In a print / analog world...

Access to information required physical proximity to it

So academic libraries built up a host of services around the care and feeding of books and manuscripts and the many other physical objects that carried information

# In our pervasively networked world...

where print materials are so ubiquitously available in digital form

and where digital materials are the primary source for all publications (in all formats, even print),

academic libraries will change fundamentally to preserve their mission

They will change everything

In order to remain the same

# And they will do this at a time

- of global economic recession
- a secular trend toward public divestment from higher education
- when university budgets are under more pressure than ever before

and so likely without much in the way of  
“new funding”

Our academic users will be the  
principal drivers of this change

We ignore them at our peril

They want ***everything***

digitally, if possible, please



# They want to search deeply...

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**CH INSIDE!**

**The Radicalism of the American Revolution (Vintage) (Paperback)**  
by [Gordon S. Wood](#) The author of the Pulitzer Prize-winning book, *The American Revolution and the Creation of National Identity*, Wood provides a comprehensive and accessible history of the American Revolution, from the early years of the struggle for independence to the final years of the war and the establishment of the new nation.

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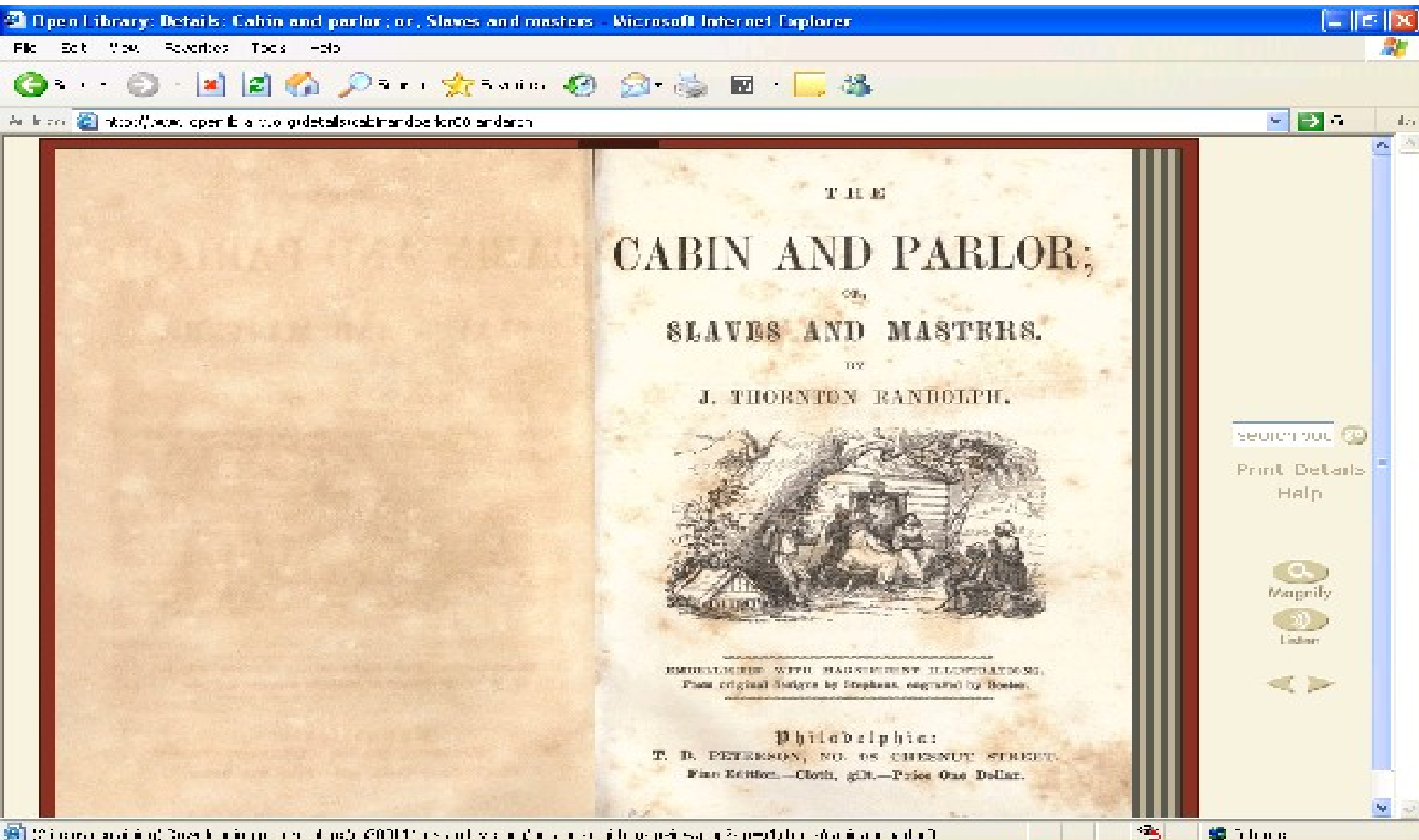
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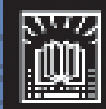
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The Center for Knowledge Management*

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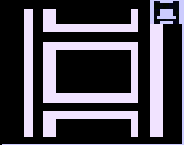

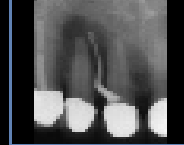
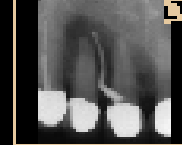
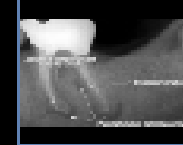


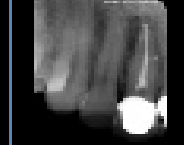

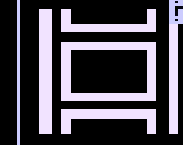
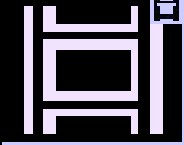
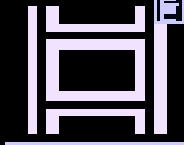
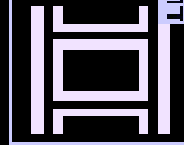
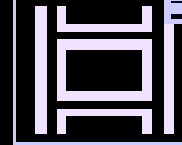



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### UCSF Demonstration Project



				
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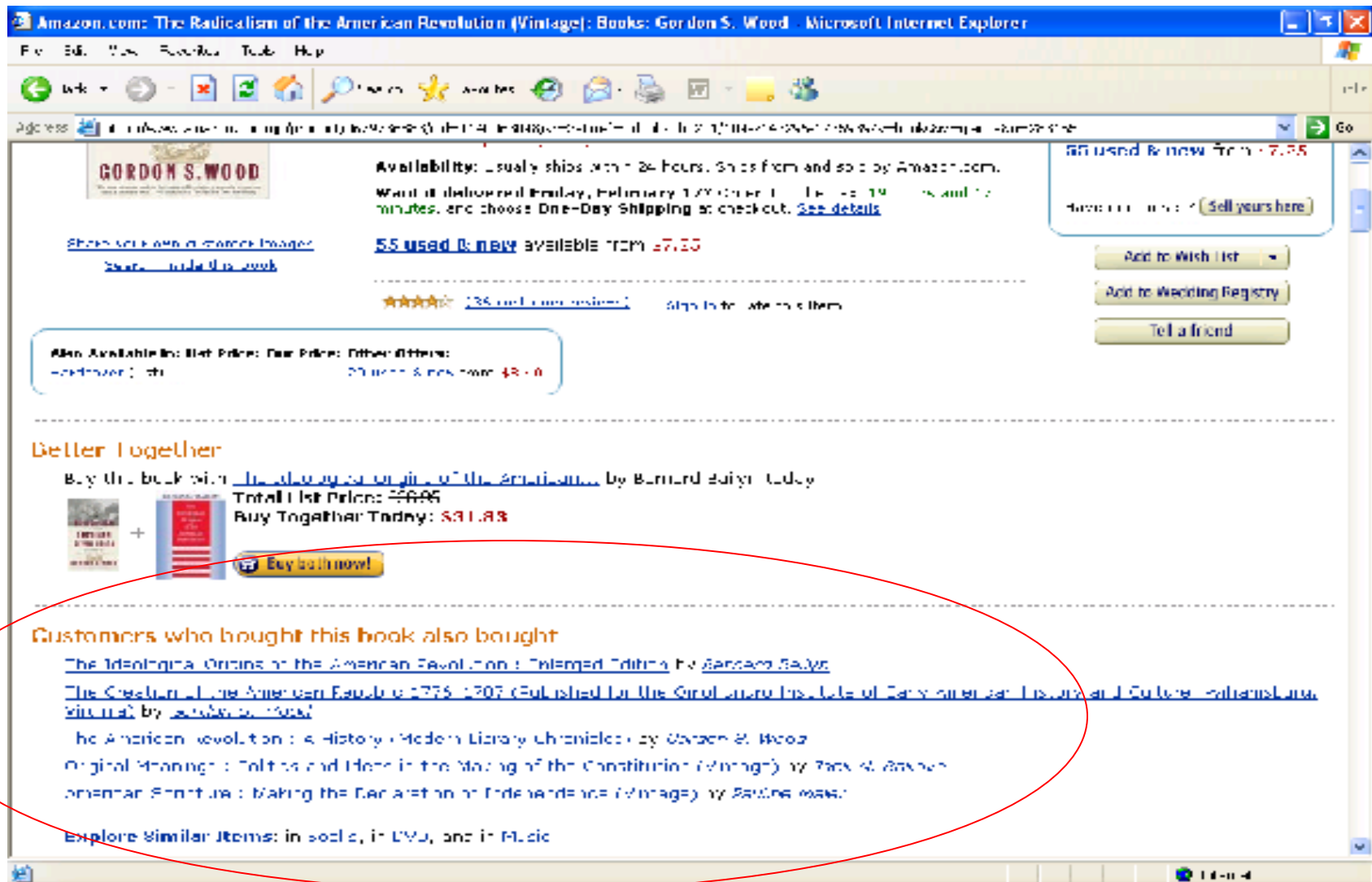
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(Stroke. 2002;33:2549.)

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## Original Contributions

### Anatomy of Stroke, Part I

#### An MRI-Based Topographic and Volumetric System of Analysis

V. S. Caviness, MD, DFil, M. Makris, MD, PhD, E. Monnier, MD, M. T. Selim, BA, J. S. Elias, PhD, L. Schwamm, MD, D. Caplan, MD, PhD, D. H. Kennedy, PhD

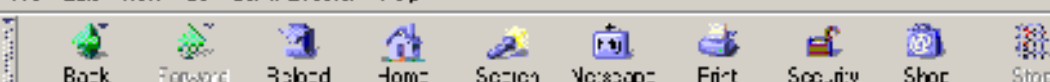
From the Departments of Neurology (V.S.C., M.M., E.M., M.T.S., D.H.K.), Radiology (D.H.K.), and Psychiatry (J.S.E.), Massachusetts General Hospital, Harvard Medical School, Boston; Department of Brain and Cognitive Sciences, Massachusetts Institute of Technology, Cambridge (M.T.S.); and Department of Neurology, La Sapienza, Rome (E.M.)

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## Abstract



## References

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- ▲ Materials and Methods
- ▲ Results
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1. Brott T, Bogouslawsky J. Treatment of acute ischemic stroke. *N Engl J Med*. 2000; 343: 710-722. [Free Full Text](#)
2. Carnarata F, Ennos R, Latchaw R. "Brain attack": the rationale for treating stroke as a medical emergency. *Neurosurgery*. 1997; 31: 147-150. [Medline](#)
3. du Plessis A, Volpe J. Perinatal brain injury in the preterm and term newborn. *Curr Opin Neurol*. 2002; 15: 151-157. [CrossRef](#) [Medline](#)
4. Astrup J, Siesjö B, Symon L. Thresholds in cerebral ischemia: the ischemic penumbra. *Stroke*. 1981; 12: 723-725. [Medline](#)
5. Jones T, McCorawetz R, Crowell R, Marcoux F, FitzCibbon S, DeCicco J, Djemana R. Thresholds of focal cerebral ischemia in awake monkeys. *J Neurosurg*. 1981; 54: 773-782. [Medline](#)
6. Barber S, Darby D, Diamond P, Yang Q, Gerraty R, Colley D, Donnan G, Tress B, Davis S. Prediction of stroke outcome with echoplanar perfusion and diffusion weighted MRI. *Neurology*. 1998; 51: 118-126. [Abstract](#)
7. Beaulieu C, de Crespigny A, Tong D, Mosley M, Albers G, Marks M. Longitudinal magnetic resonance imaging study of perfusion and diffusion in stroke: evolution of lesion volume and correlation with clinical outcome. *Ann Neurol*. 1999; 45: 568-578. [CrossRef](#) [Medline](#)
8. Lev MH, Nichols SJ. Computed tomographic angiography and computed tomographic perfusion imaging of hyperacute stroke. *Top Magn Reson Imaging*. 2000; 11: 213-221. [CrossRef](#) [Medline](#)
9. Lev M, Segal A, Forkas J, Kossman S, Putman C, Hunter G, Budzik R, Harris G, Buonanno F, Kazzadine M, Chang Y, Koroshetz W, Gonzalez R, Schwamm L. Utility of perfusion-weighted CT imaging in an animal model of cerebral artery stroke treated with intra-arterial thrombolysis: prediction of final infarct volume and clinical outcome. *Stroke*. 2001; 32: 2021-2023. [Abstract](#) [Free Full Text](#)
10. Schellinger P, Ebner J, Jansen C, Ringelb F, Mout A, Steiner T, Heiland S, Schwab S, Pehlers C, Bystel H, Ozakcioglu B, Sartor K, Hance W. Stroke magnetic resonance imaging within 6 hours after onset of hyperacute cerebral ischemia. *Ann Neurol*. 2001; 49: 160-169. [CrossRef](#) [Medline](#)
11. Schwamm L, Koroshetz W, Sorensen A, Wang R, Cohen W, Budzik R, Rordorf G, Buonanno F, Schaefer P, Gonzalez RG. Time course of lesion development in patients with acute stroke: serial diffusion- and hemodynamic-weighted magnetic resonance imaging. *Stroke*. 1999; 20: 2266-2276. [Abstract](#) [Free Full Text](#)
12. Pineiro R, Pendlebury S, Smith S, Flitney D, Blamire A, Styles P. Relating MRI changes to motor deficit after ischemic stroke by segmentation of functional motor pathways. *Stroke*. 2006; 37: 672-679. [Abstract](#) [Free Full Text](#)
13. Filipek PA, Richelme C, Kennedy DN, Caviness V. The young adult human brain on MRI based morphometric analysis. *Cereb Cortex*. 1997; 7: 291-301. [CrossRef](#) [Medline](#)



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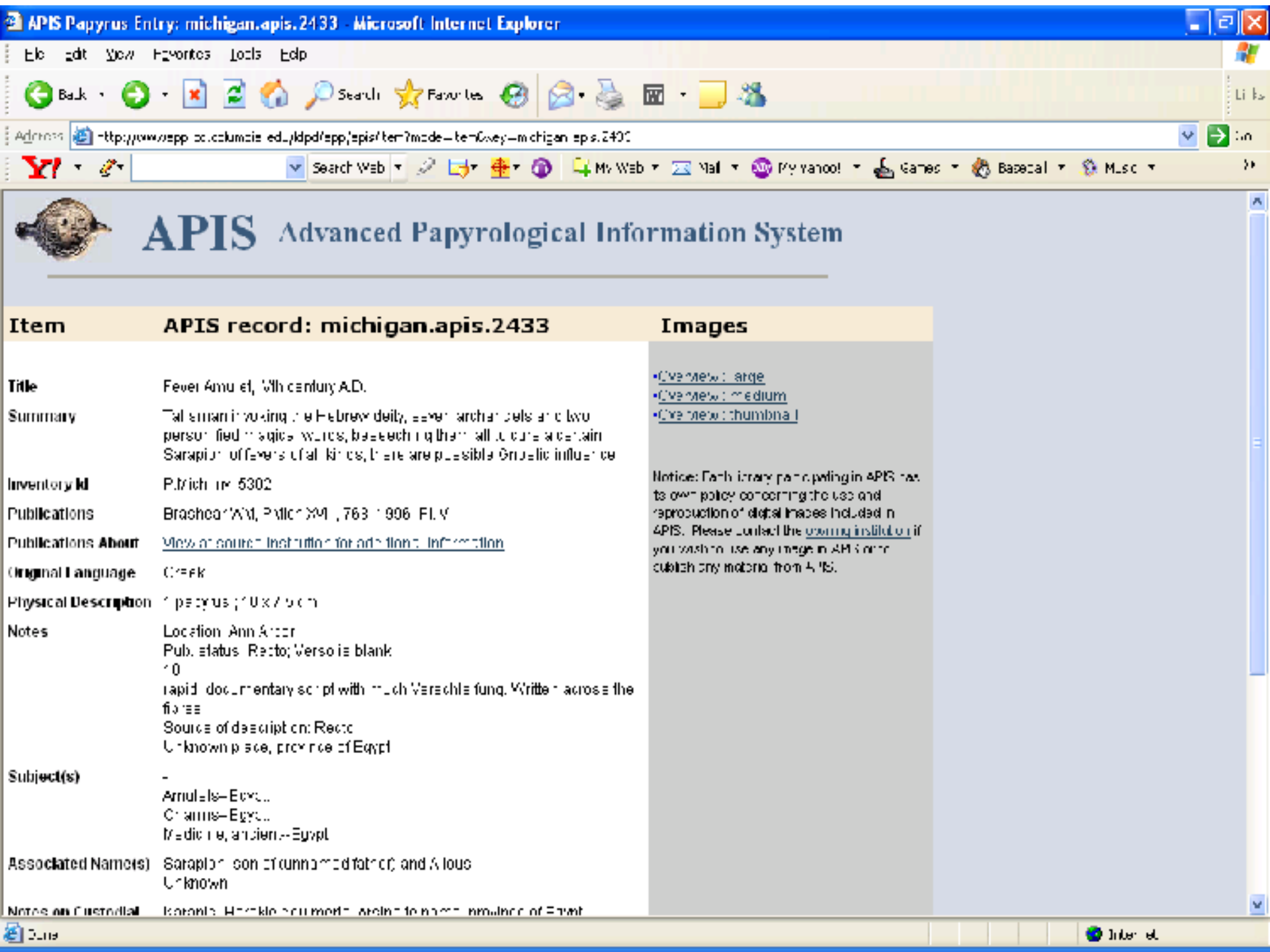
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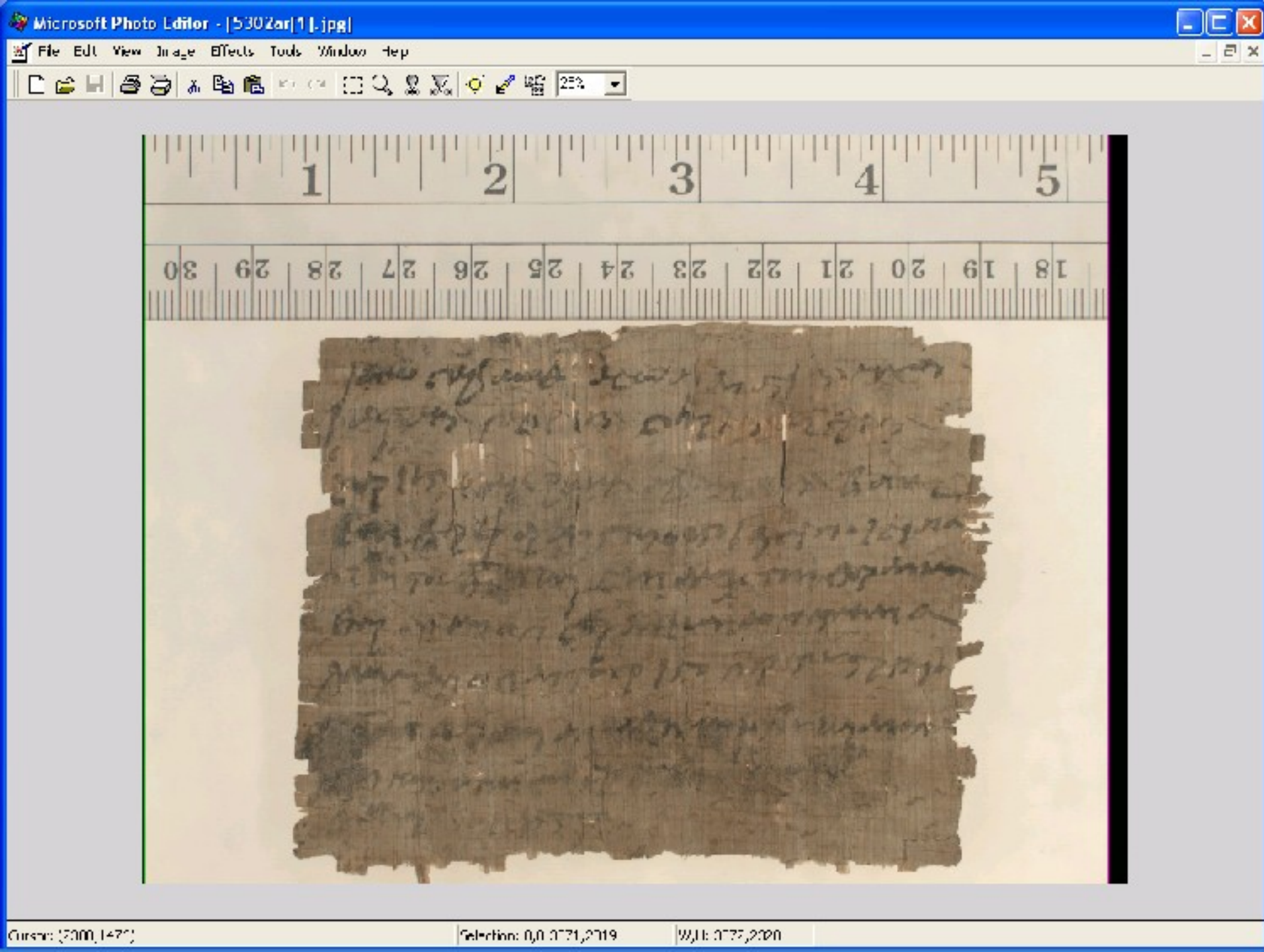
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Inventory Id	P1243301	
Publications	Dressler, W., <i>Zeitschrift für die Kunde des Altertums</i> , 1905, p. 12.	
Publications About	<a href="#">View an online full-text or for additional information</a>	
Original Language	Greek	
Physical Description	1 papyrus, 10 x 7.5 cm	
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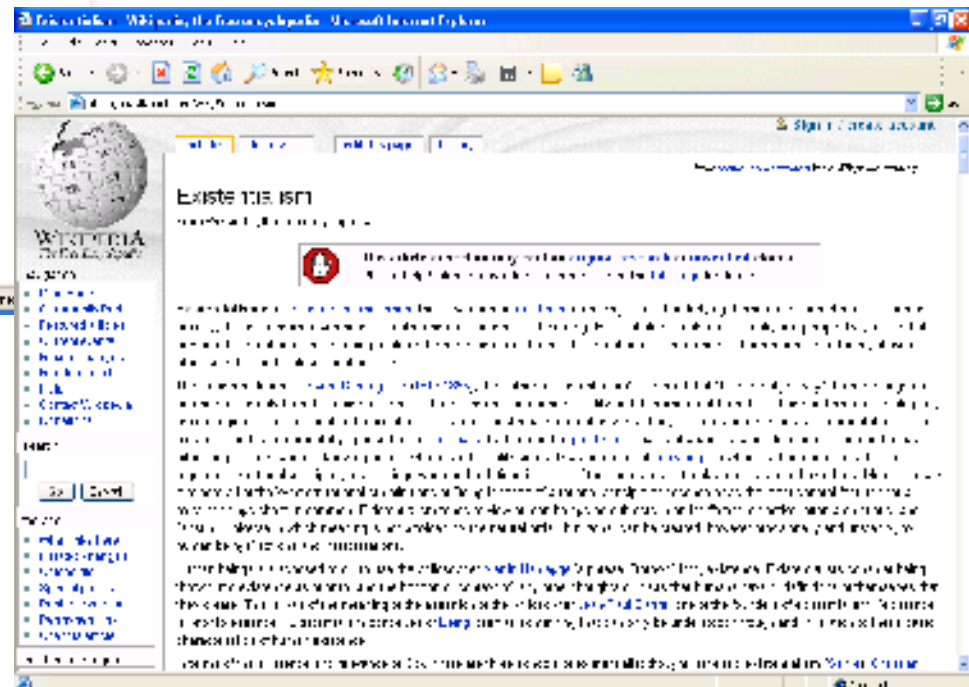
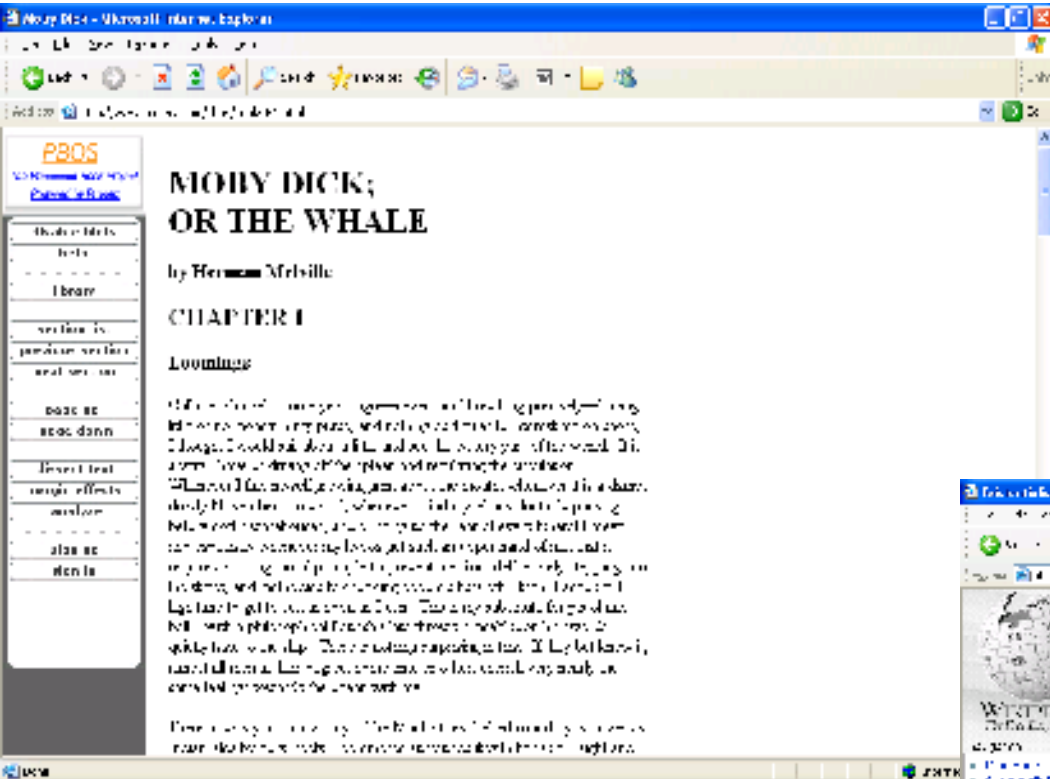


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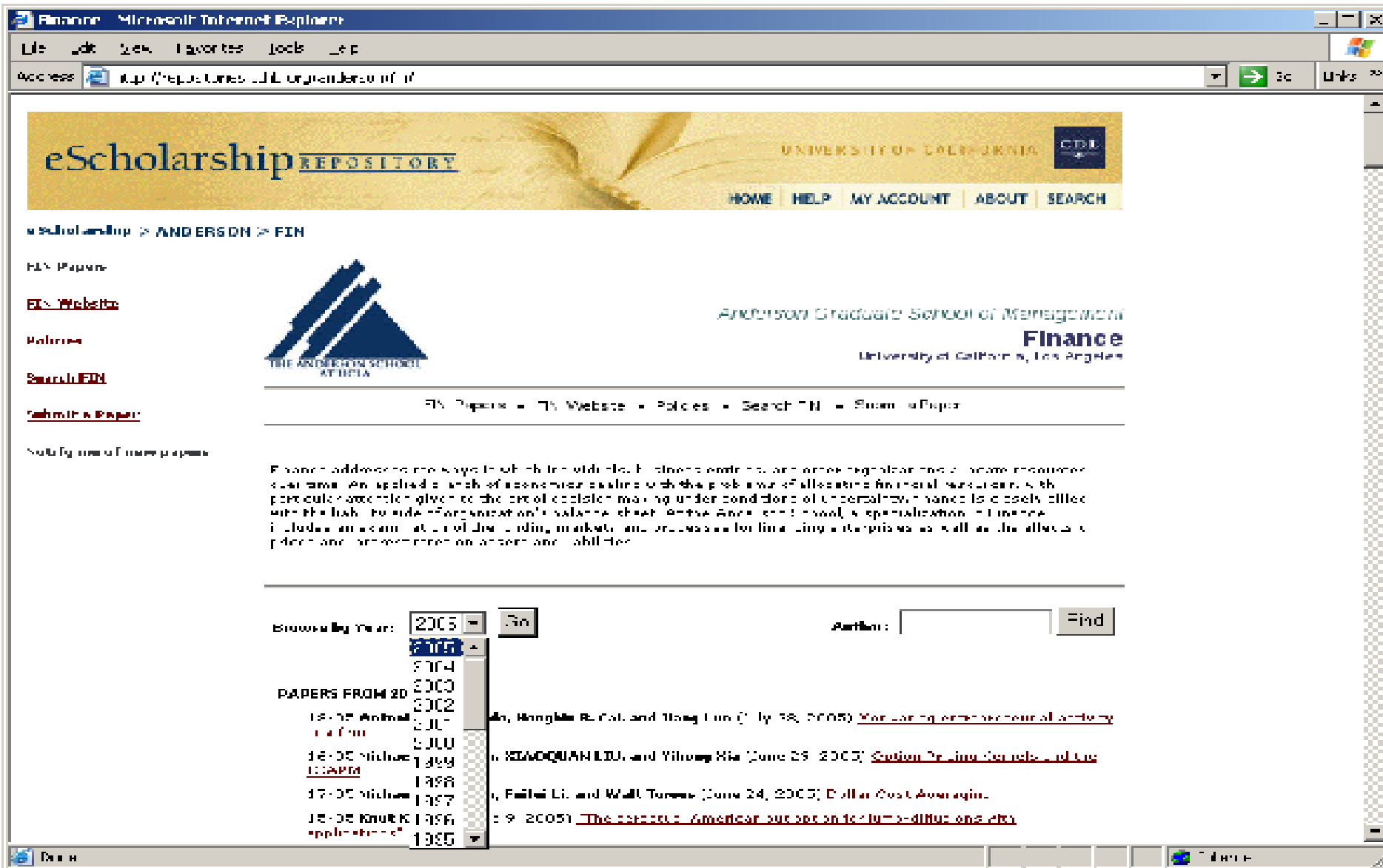
Scholars also have a host of  
wholly new needs...

That libraries may be called  
upon to address

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“alternative” forms of scholarly  
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**LOCATION:** Multidisciplinary Science & Technology Building, Room 142  
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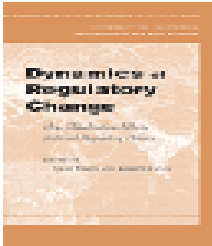
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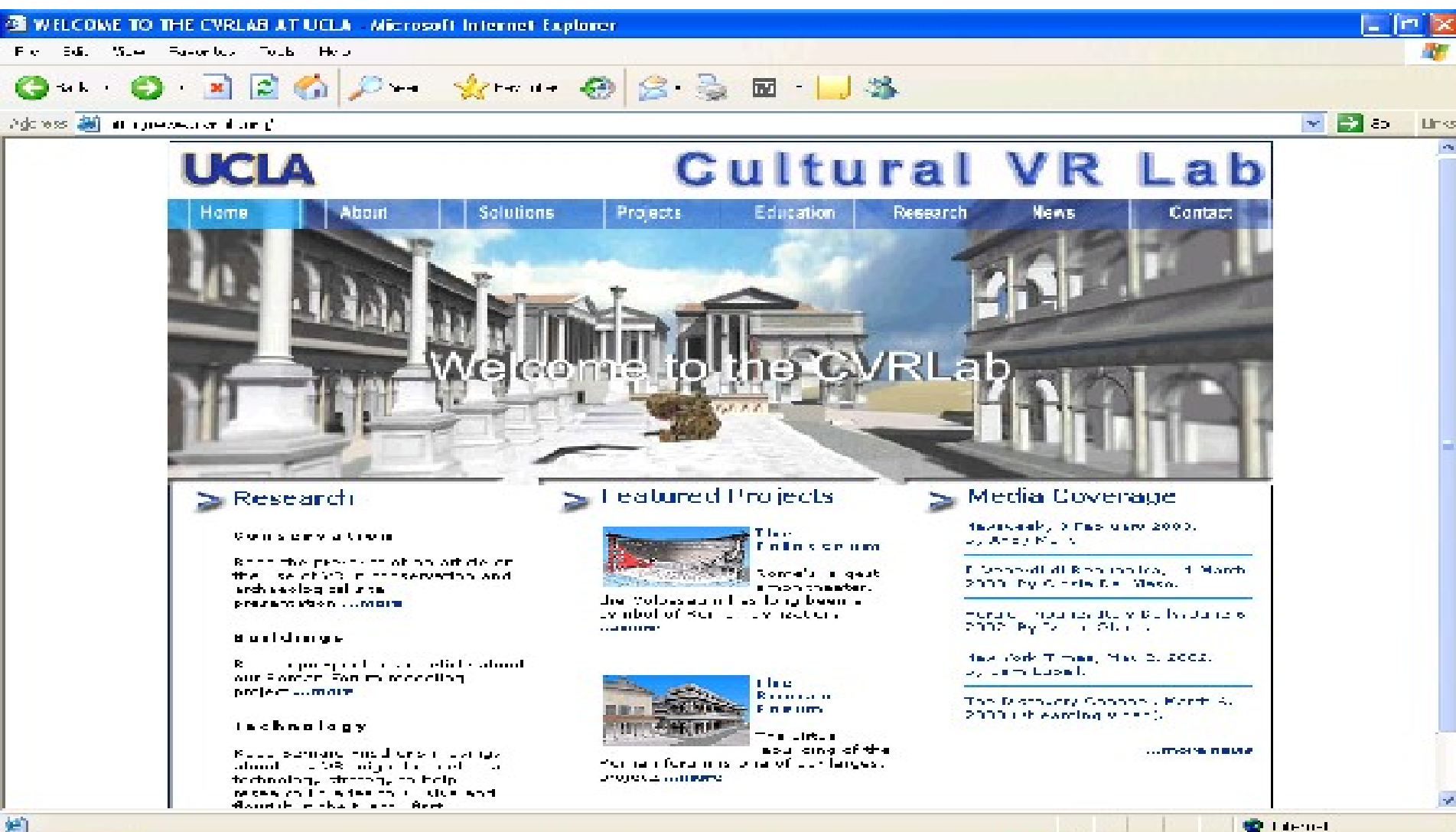
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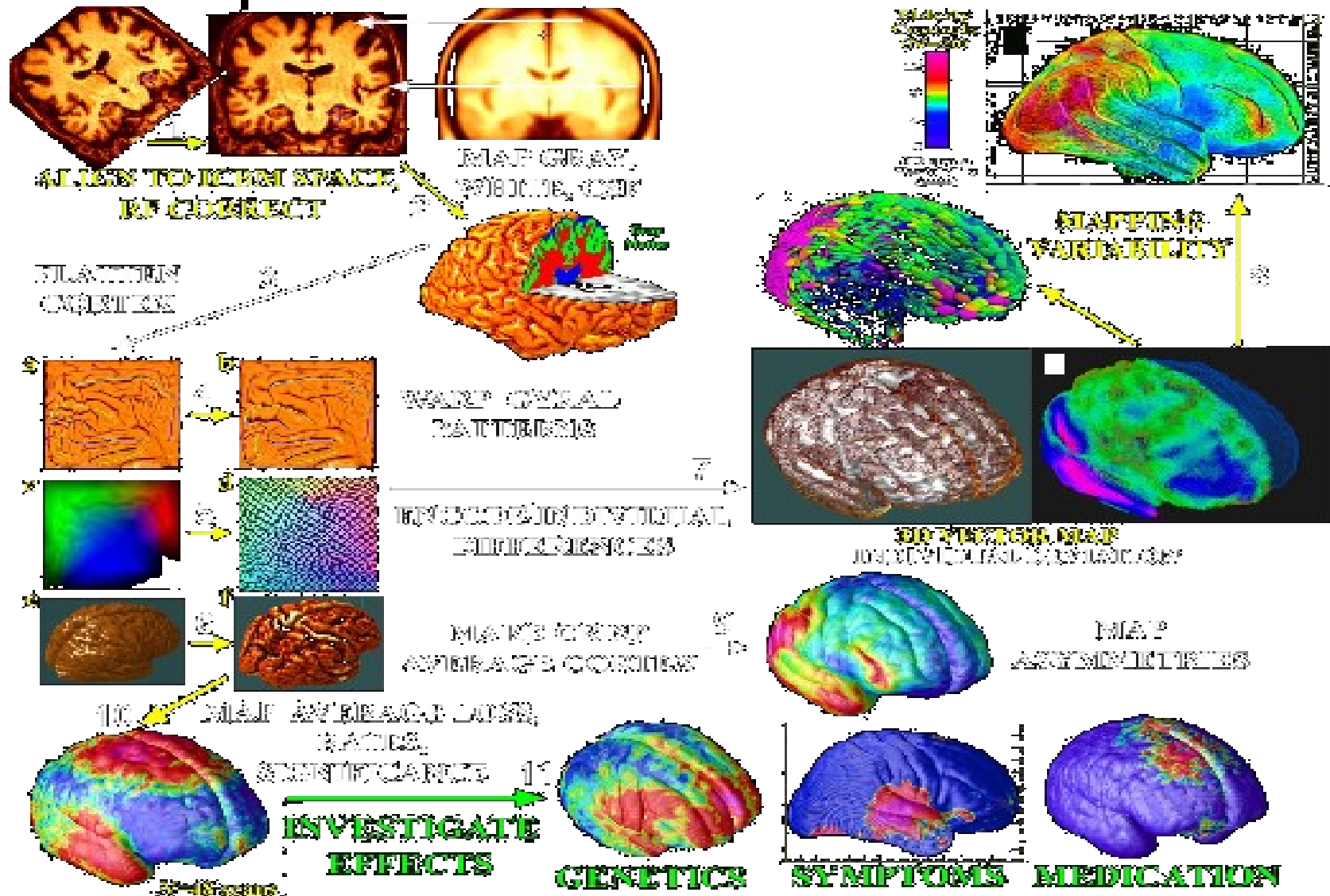
and whole new forms for which we don't have an adequate vocabulary







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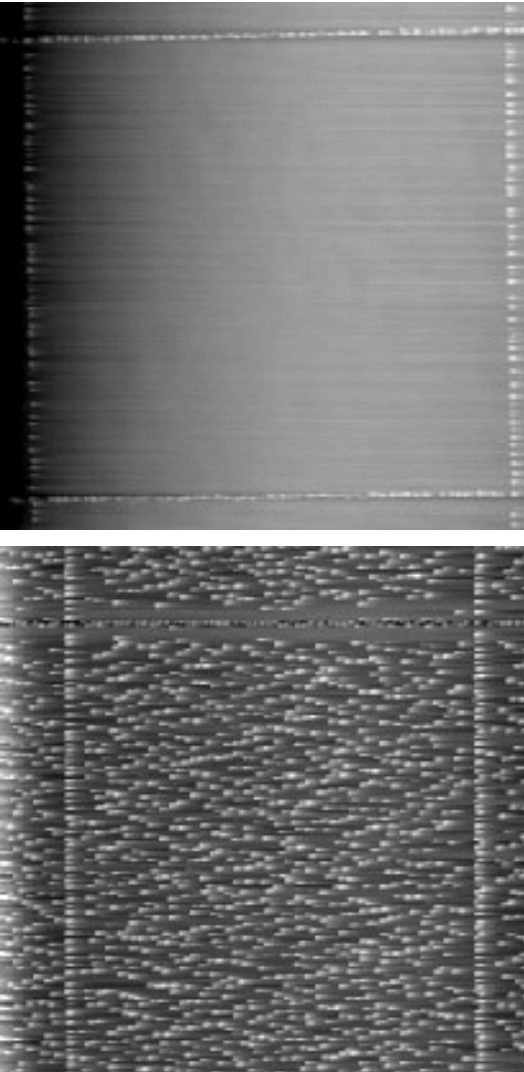
# Directed Self-Assembly of Quantum Dots

Y.H. Xie (UCLA)

Two-dimensional AFM topographic images of Ge SAQDs with 4-6 Å coverage on a partially relaxed Si<sub>0.9</sub>Ge<sub>0.1</sub> buffer layer, with buried dislocation lines.

Clockwise from upper left:

- 4.0 Å Ge coverage with Ge SAQDs only at site A
- 4.5 Å Ge coverage with Ge SAQDs at site A and B
- 5.0 Å Ge coverage with Ge SAQDs at site A, B, and C
- 6.0 Å Ge coverage with Ge SAQDs at site A, B, and C



# So it may be used again and again

- As a next-generation scholarly resource

(enter e-Science)

# And they need whole new digital “special collections”...

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We must focus  
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creating economical  
opportunity  
for all.



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.with “publications” as important  
culturally as they are transient



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“One of the great challenges for education in the 21st century is the intelligent use of modern information technology. Central parts of the technology infrastructure such as the web and fast client machines exist, but no one has quite figured out how to use this machinery to substantially improve the quality of education. OLI is a huge step forward in this endeavor, and it stands to reason that it will be a big part of the final solution.”

Klaus Gullner  
Assoc. Dean of Undergraduate Programs  
School of Computer Science  
Carnegie Mellon University



# And “curating” and preserving the outputs

The screenshot shows a Windows Internet Explorer browser window displaying the Podcast.ucsd.edu website. The browser's address bar shows the URL "http://podcast.ucsd.edu/". The website has a blue header with the title "Podcast.ucsd.edu" and three podcast covers: "HISTORY", "d/dx Calculus", and "O CHEM". Below the header is a navigation menu with links: "Home", "How to Listen", "Students", "Faculty", and "About". There are also buttons for "Courses" and "Community". A search bar is present with the text "Search: ClassInstructor". Below the search bar, a section titled "Summer II 2008" lists various courses and their instructors, each with a small icon and a link to "iTunes".

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BILD 8 - Organismal/evolutionary biol	Keele Kauther	iTunes
BIMM 120 - Bacteriology	Rachel Larsen	iTunes
CHEM 68 - General Chemistry II	Christina Johnson	iTunes
CHEM 60 - General Chemistry III	Christina Johnson	iTunes
ECON 110 - Economic Development	Ivan Major	iTunes
MATH 20B - Vector Calculus	John Equens	iTunes
POLI 142K - Politics and Warfare	Victor Magagna	iTunes

(which may take various forms)





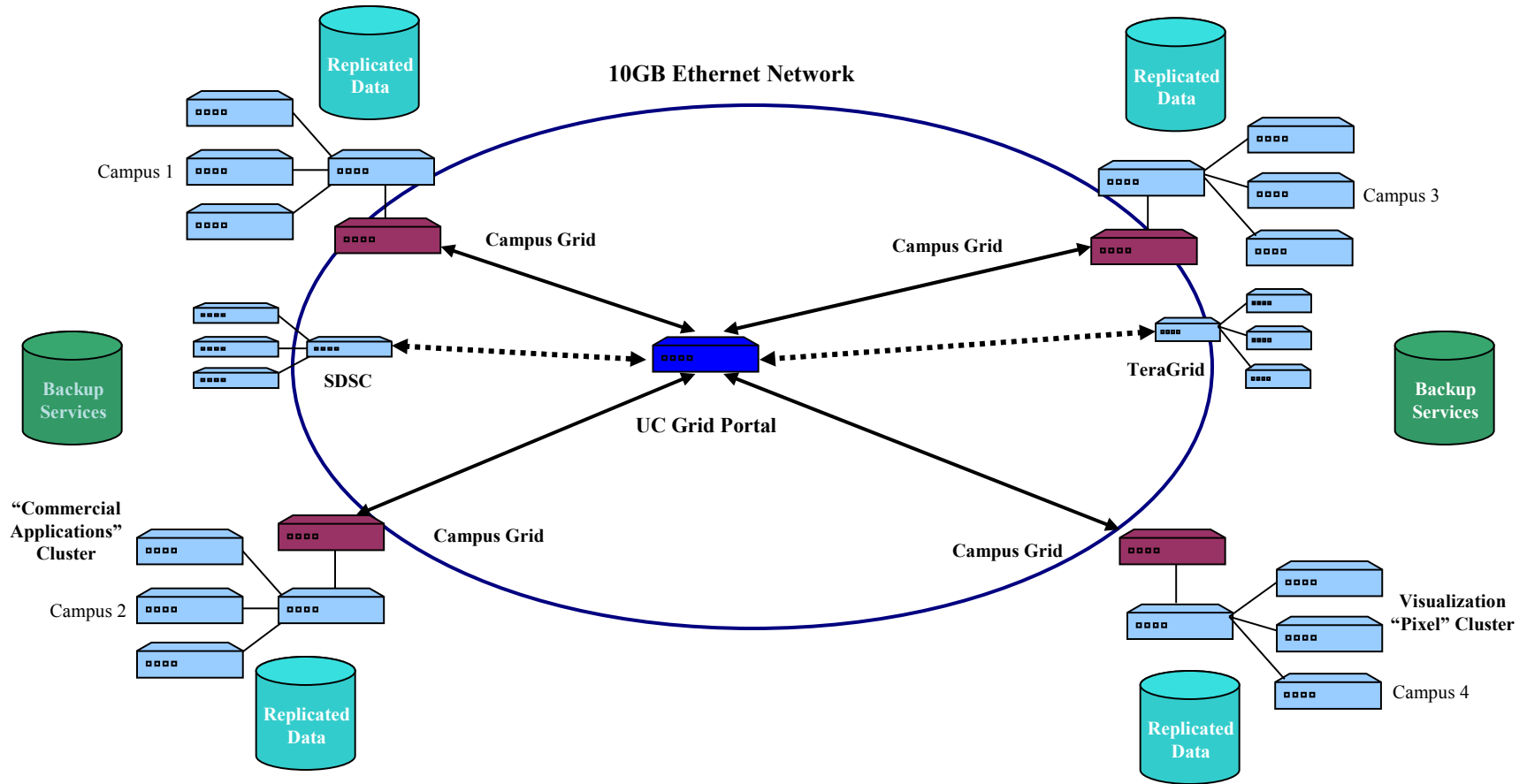
supporting their “educational”  
publication in alternative venues



So what is an academic library  
to do?

Here are a few ideas

# 1. Integrate library systems into national, regional, or institutional “grids”



we can't afford their upkeep  
independently

## **2. Share responsibility for collection development and management**

- Consortially license (or buy) the digital (insist on digital preservation clauses)
- Build shared repositories for general print holdings that are available digitally
- Build shared digital repositories to preserve digital facsimiles of print publications

So you can...

### 3. Discard redundant collections of general print materials

- They cost a bundle to maintain
- and lend no distinctive value or competitive advantage

## 4. Share responsibility for collecting unique print materials...

...using creative scan-on-demand and other digital licensing arrangements to ensure access to scarcely held copies

5. Build regional or national strategies  
to manage unique borne digital  
materials that are culturally important

... in partnership with rightsholders



## 6. Centralize and/or outsource technical (cataloging) services

... they are important

but not important enough to do redundantly

## 7. Rely heavily on third parties for the routine online services

...in order to

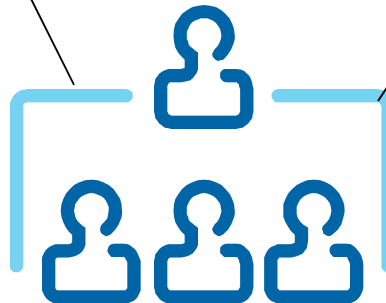
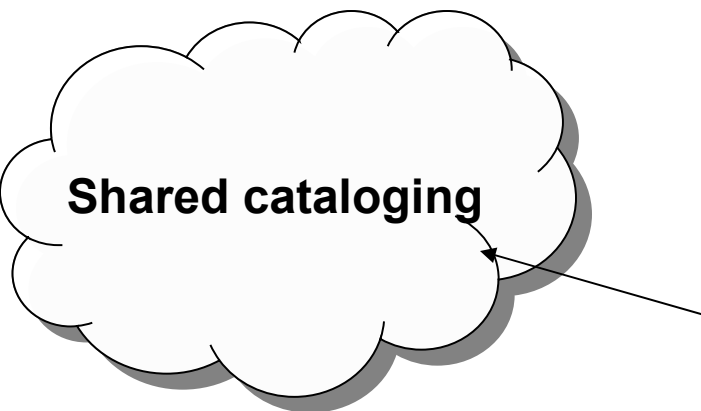
8. Invest scarce funding in the highly innovative and specialized ones

The library of the future  
continues traditional function

# but doing so as a broker not a stand alone service



**Shared print and digital repositories**



**Content licensing**

# Driving cost out of traditional function

to allocate scarce funding to meet new user  
demands

...continuing as a place



# ...with

- some central campus location
- a relatively small staff
- a budget to source essential third-party services

and a reinvigorated sense of purpose