# Conservation's Digital Landscape: one conservator's perspective



#### What I've been asked to talk about:

- key resources I use as a conservator
- expectations
- what is missing
- what remains problematic



The Adirondacks from Shelburne House, Shelburne Farms

## Some resources that have influenced my thinking on this topic

Fitzpatrick, Kathleen. 2011. Planned Obsolescence: Publishing, Technology, and the Future of the Academy. New York: New York University Press.

Kronkright, Dale, Greg Bearman, John Delaney, John ffrench, and Greg Williamson. 2013. "Quantitative Imaging: From Documentation to Discovery" presented at the Museum Computer Network 2013, December 2, Montreal. <a href="https://www.youtube.com/watch?v=Q2ozGSXXagU">https://www.youtube.com/watch?v=Q2ozGSXXagU</a>.

Long, Matthew P., and Roger C. Schonfeld. 2013. "Supporting-the-Changing-Research-Practices-of-Chemists". Ithaka. <a href="http://www.sr.ithaka.org/research-publications/supporting-changing-research-practices-chemists">http://www.sr.ithaka.org/research-publications/supporting-changing-research-practices-chemists</a>.

——. 2014. "Supporting the Changing Research Practices of Art Historians." April 30. <a href="http://www.sr.ithaka.org/research-publications/supporting-changing-research-practices-art-historians">http://www.sr.ithaka.org/research-practices-art-historians</a>.

McCoy, Richard. 2013. "Making New Connections to Collections Care" MCN 2012: Ignite MCN at EMP Museum. <a href="http://www.youtube.com/watch?v=AKIkw9UFYDQ&feature=youtube\_gdata\_player">http://www.youtube.com/watch?v=AKIkw9UFYDQ&feature=youtube\_gdata\_player</a>.

Quigley, D. Samuel, and Elizabeth Neely. 2011. "Integration of Print and Digital Publishing Workflows at the Art Institute of Chicago." In Proceedings. Toronto: Archives and Museum Informatics. <a href="http://www.museumsandtheweb.com/mw2011/papers/">http://www.museumsandtheweb.com/mw2011/papers/</a> integration of print and digital publishing wo.html.

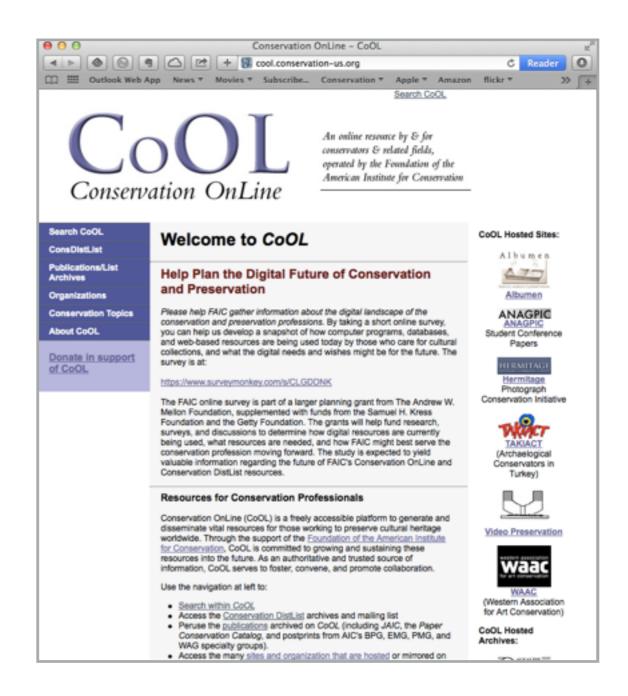
Schonfeld, Roger C., and Jennifer Rutner. 2012. "Supporting the Changing Research Practices of Historians." December 7. <a href="http://www.sr.ithaka.org/research-publications/supporting-changing-research-practices-historians">http://www.sr.ithaka.org/research-publications/supporting-changing-research-practices-historians</a>.

Zorich, Diane. 2012. "Transitioning to a Digital World: Art History, Its Research Centers, and Digital Scholarship". The Samuel H. Kress Foundation and The Roy Rosenzweig Center for History and New Media, George Mason University. <a href="https://www.kressfoundation.org/uploadedFiles/Sponsored\_Research/ahrc\_report.pdf">http://www.kressfoundation.org/uploadedFiles/Sponsored\_Research/ahrc\_report.pdf</a>.

#### Thanks also to

## Members of the CoOL Working Group

Walter Henry
Paul Messier
Will Real
Fletcher Durant
Richard McCoy
Bonnie Naugle
Rachael Arenstein
Eric Pourchot
Eryl Wentworth



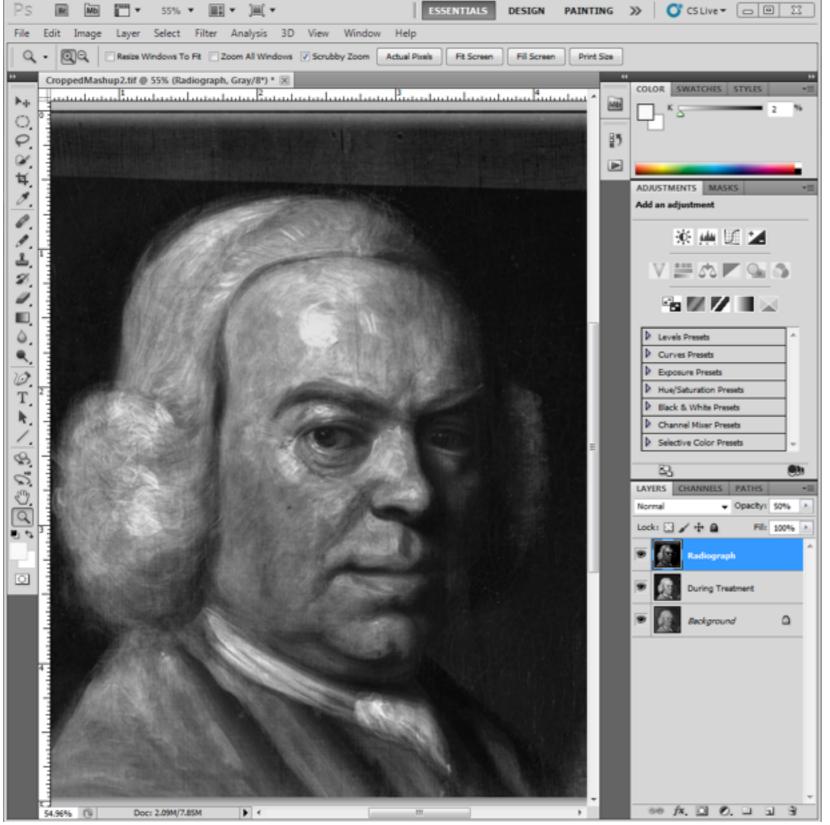
### What I do in the digital landscape:

- make stuff.
- find stuff.
- use & organize what I find & make.
- share what I've learned.

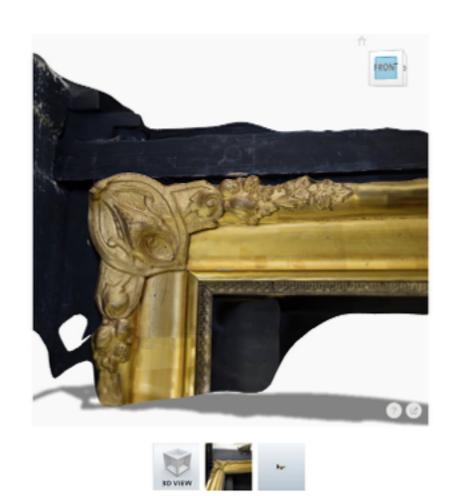


The view from my house.

#### Some examples of things I produce:



Using Photoshop for image processing & analysis

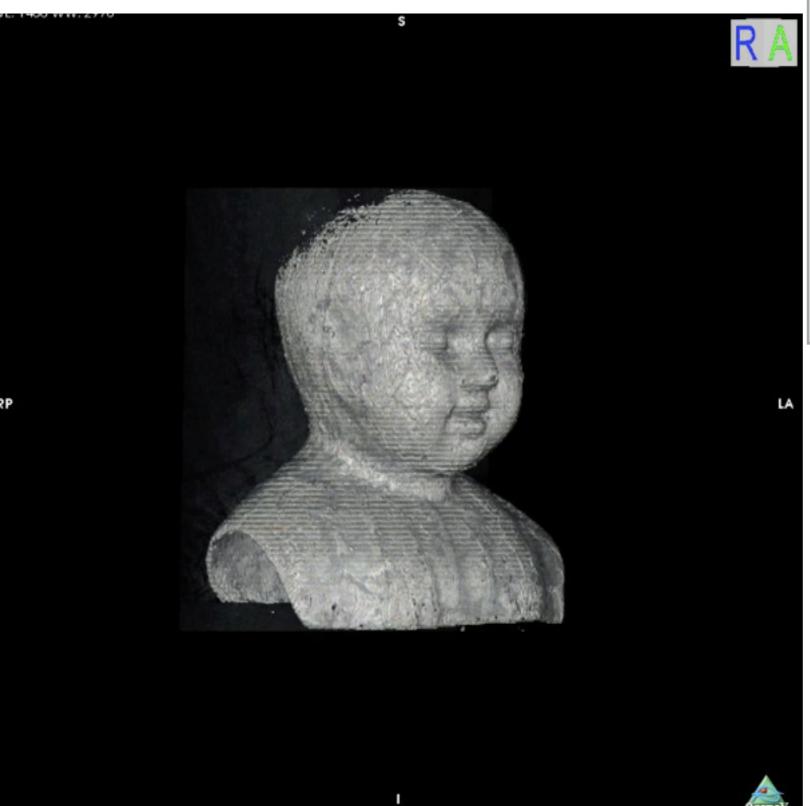


Beginning to experiment with 3D images



Beginning to experiment with 3D printing

#### Some examples of things I produce:



3D reconstructions from CT



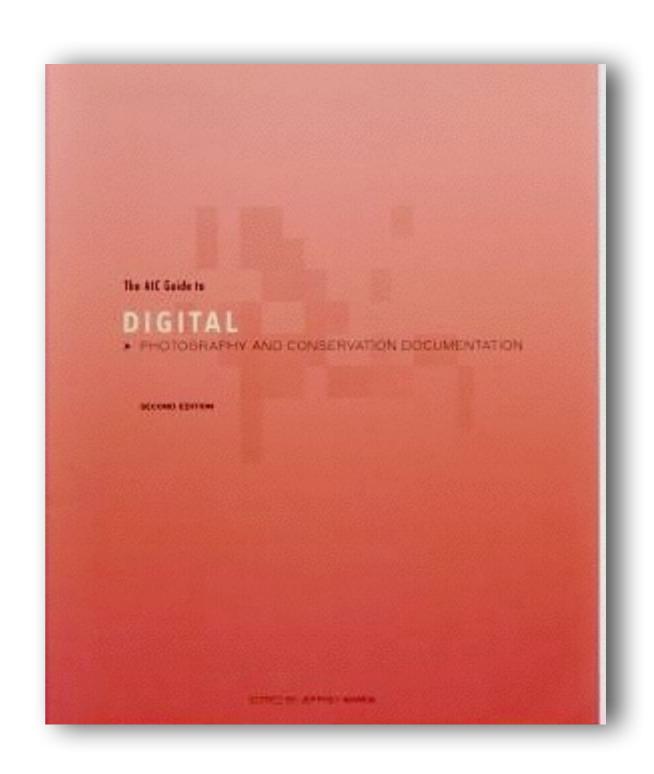
video



Reports, at least initially generated by a collections management database

#### What's needed/problematic

- continue to develop recommended practices/ standards for creation, processing & preservation of digital assets
- continue to develop & evaluate inexpensive methods of examining works of art
- give attention to how assets are created so that they can be easily shared
- Adobe's new licensing model increases expense of doing work



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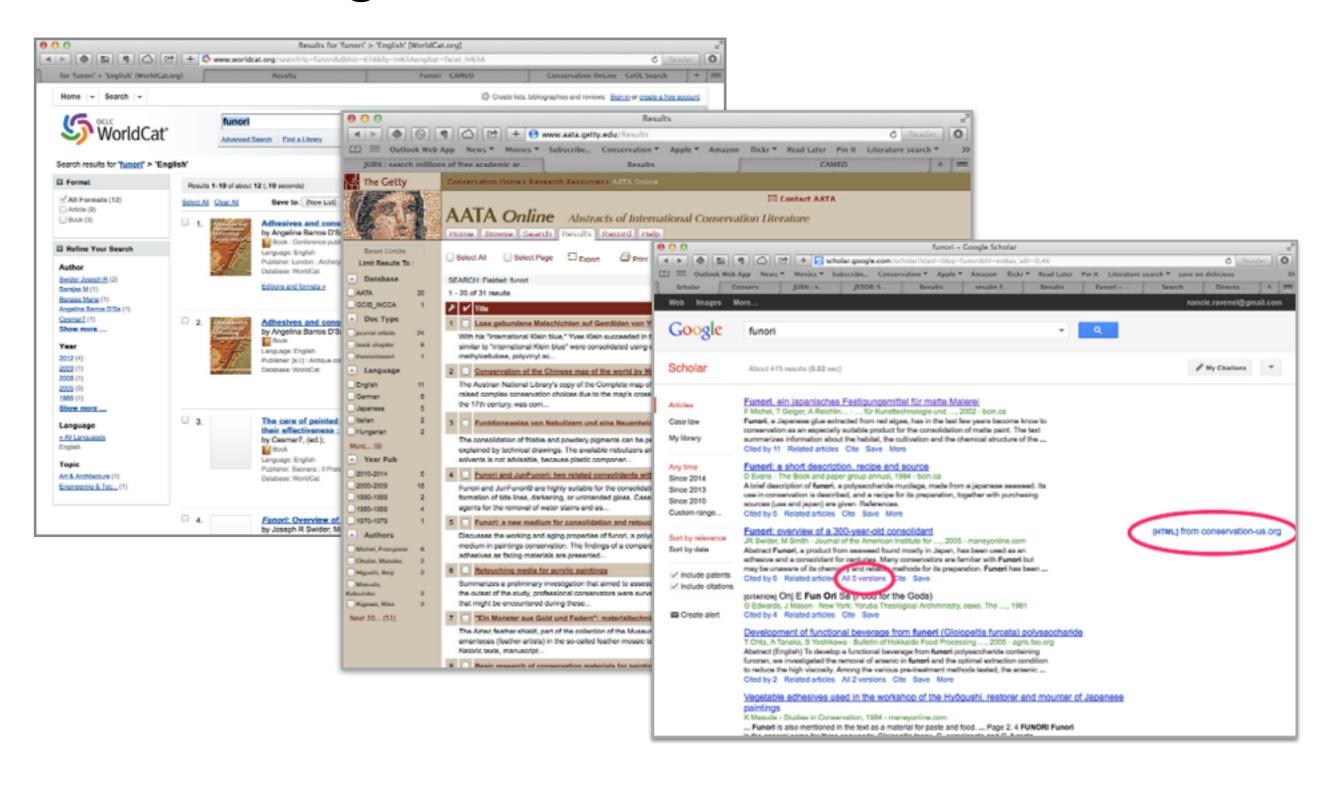
#### Search > Browse Examples of what's easy for me to search

\*Not an exhaustive list \*Your mileage may vary

- CoOL/CoOL DistList
- jurn.org
- AATA
- BCIN
- JSTOR
- Google Scholar/Google Books/ Google Image/Google/Google Art Project

- CAMEO
- Digital Public Library of America (dp.la)
- WorldCat
- Internet Archive
- SIRIS
- Other art museum collection and other databases on their websites

#### Faceted Search > Google Custom Search; Google Scholar has its charms.



# There's lots of grey literature in our field.

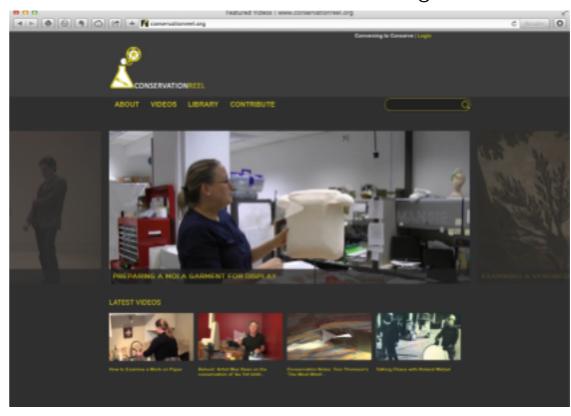
## It may or may not be easy to find.



Newsletters



Research blogs & websites



### What's missing/problematic

- many places to look for information on caring for cultural objects
- terminology
- inconsistency of metadata applied to some resources
  - metadata/keywords can be read by reference management; facilitates search



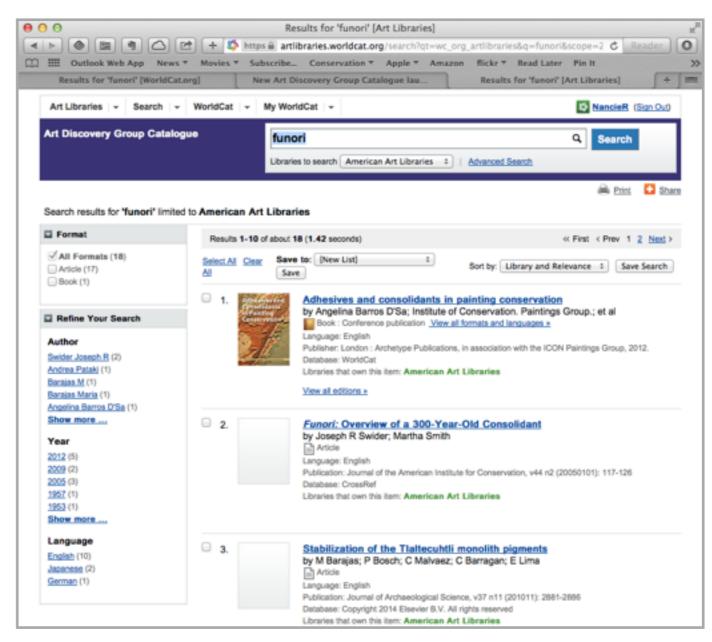
Photograph of Card Catalog in Central Search Room, 1942. US national Archives Local Identifier: 64-NA-320, arcweb.archives.gov/arc/action/ExternalIdSearch?id=3493244

## If you can't find it, it doesn't exist. what's harder to find & access.

- AIC Specialty Group Postprints that are not on CoOL
  - Inconsistently abstracted within AATA
  - Manner of distribution make access challenging
- posts in AIC Specialty Group electronic mailing list archives are difficult to access due to lack of keyword search
- Conservators papers within archives
  - often have skeletal finding aids
  - information is needed about which archives that will take conservation records
- ARTstor, articles on publisher's websites (i.e. Springer, Elsevier)
- Images of comparative objects that aren't fine art

## Improve search

- linked resources?
- combining resources?
- related papers?
- more faceted search
- better options for searching for related objects.



New Art Discovery Group option within World Cat. Thank you, Getty Research Institute & Kress Foundation!

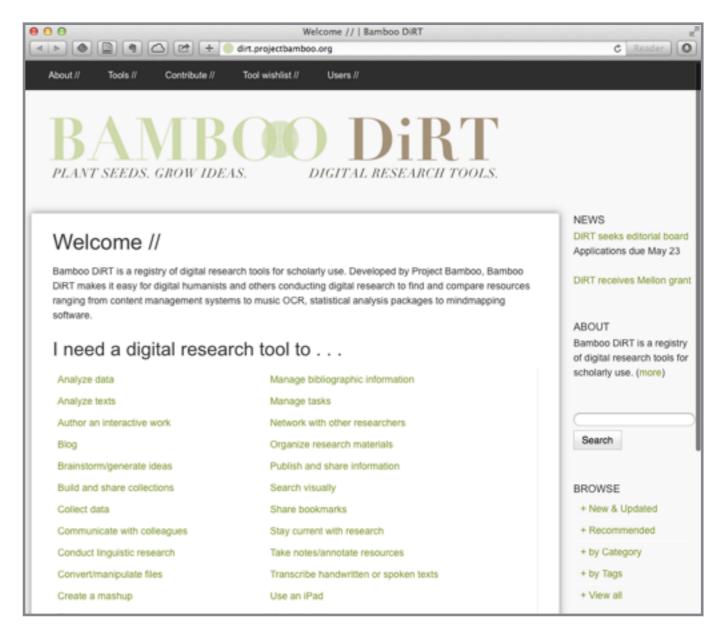
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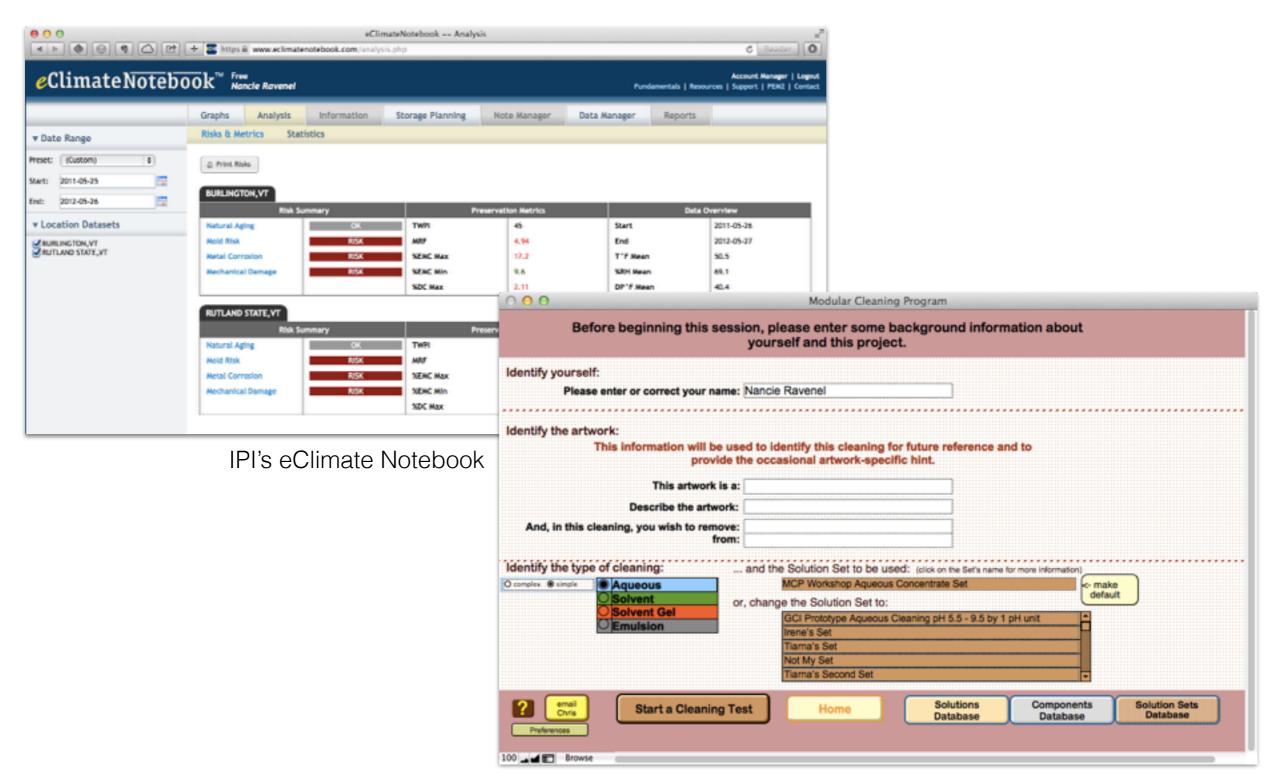


### Digital tools

- ideally, work cross-platform/browser based & sync across devices.
- ideally, work together
- allow for exporting or sharing
- may or may not be used on mobile devices
- can allow you to look at your practice in new/different ways
- Tools I use help me with:
  - note taking & management
  - reference management
  - image & document annotation
  - image analysis
  - time tracking



dirt.projectbamboo.org

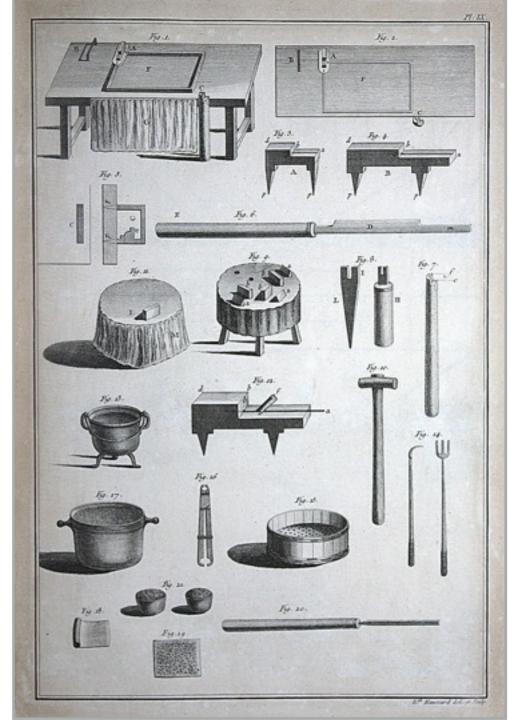


Chris Stavroudis' Modular Cleaning Program

Databases offer structure for documenting & analyzing work.

### What's missing/problematic

- electronic lab notebook?
  - not ideal when using liquids
- measuring the results of treatments using computational methods
- good tools for comparing, annotating, & adding metadata to images on mobile devices
- improved cooperation between tools



Tools for the manufacture of hooks from Flickr Commons user UBC Library Digitzation Center, <a href="http://digitalcollections.library.ubc.ca/cdm/singleitem/collection/tgdp/id/20/rec/9">http://digitalcollections.library.ubc.ca/cdm/singleitem/collection/tgdp/id/20/rec/9</a>

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#### From the AIC Code of Ethics:

X. The conservation professional shall contribute to the evolution and growth of the profession, a field of study that encompasses the liberal arts and the natural sciences. This contribution may be made by such means as continuing development of personal skills and knowledge, sharing of information and experience with colleagues, adding to the profession's written body of knowledge, and providing and promoting educational opportunities in the field.

XI. The conservation professional shall promote an awareness and understanding of conservation through open communication with allied professionals and the public.

# Some options for sharing & collaborating with colleagues

- email, electronic mailing lists & forums
- AIC wiki
- research blogs & wikis for project collaboration & peer review
- document repositories like <u>ResearchGate.net</u> & <u>academia.edu</u>
- shared bibliographies on reference management systems like <u>zotero.org</u> & <u>mendeley.com</u>
- collaboration & document sharing software like Basecamp, GoogleDocs & Dropbox
- social media platforms, especially those which allow for real-time interaction like Google Hangout and Twitter

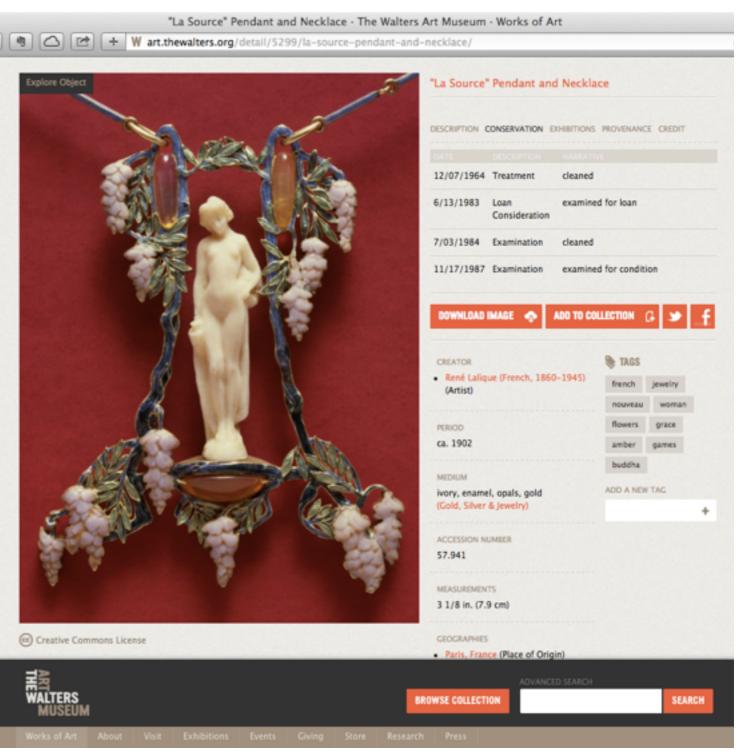


# What's missing/problematic [Sharing with colleagues]

- more streamlined ways of finding & sharing treatment histories/images of specific works of art & artifacts
- archives that will accept conservation records from private practices
- image copyright policies
- time
- the capacity to share large images through SG mailing lists [archive space/preservation issues]

# Sharing with the public

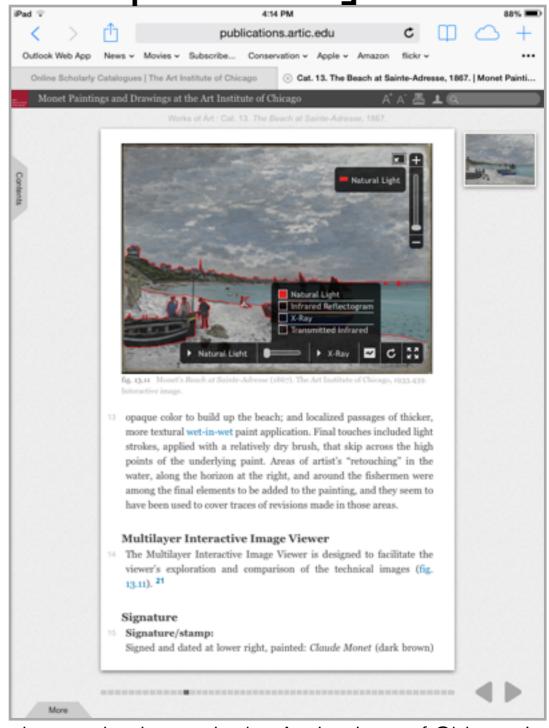
- much of what was mentioned on the previous slide
- conservation info & images on collections databases/websites
- Wikipedia
- social media platforms



Including the conservation history helps colleagues & contributes to public understanding

## What's missing/problematic [Sharing with the public]

- access to better tools for displaying complex images & allowing the public to interact with them
- best practices for evaluating our efforts
- social media platforms are ever changing functionality may change
- best practices for preservation



Interactive image in the Art Institute of Chicago's online scholarly catalog

