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## People Profile: John Doyle

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5. Journals must have all of their parts in place including covers, tables of contents, advertisements, and administrative matter.

6. Commitment data will be recorded in the institutional section of **DOCLINE**, NLM's online request routing and referral system.

As **MedPrint** participation grows, NLM will work with **OCLC** on exchanging print retention information between **WorldCat** and **DOCLINE**.

More information about **MedPrint's** programs and services are available at <http://www.nlm.nih.gov/psd/printretentionmain.html>.

### Digital Developments

#### NLM's Digital Repository — by John Doyle

The **National Library of Medicine** launched its new digital repository, **Digital Collections** <http://collections.nlm.nih.gov>, in autumn 2010. **Digital Collections** allows rich searching, browsing, and presentation of monographs and films from NLM's historical collections. Users can perform full-text and faceted keyword searching across the range of content in the repository. **Digital Collections** uses a suite of open-source and NLM-created software, with the **Fedora Commons Repository** as the underlying framework. The repository facilitates the long-term preservation of the content by describing, verifying, and managing the ingested files using XML and RDF technologies. The repository also makes use of NLM's offsite co-location data-center for redundant storage and distribution of access services.

**Digital Collections** contains a growing number of digitized books in the Public Domain, which are therefore freely available to read and download. The books are currently presented in two collections: **Cholera Online**, consisting of 518 monographs dating from the 19th century about cholera pandemics of that period, and **Medicine in the Americas**, NLM's in-house digitization project which will eventually number approximately 6,000 volumes, demonstrating the evolution of American medicine from colonial frontier outposts of the 17th century to research hospitals of the 20th century. The books are displayed through an integrated viewer which provides within-book search, thumbnail preview of all pages and page zooming/rotating. **Digital Collections** also contains 29 historical films which can be downloaded in a variety of video formats to accommodate a wide range of playback devices, including mobile devices. The films are also playable via an integrated, Flash-based video player which allows full-text search of a film's transcript and graphically displays where the searched word or phrase occurs within the timeline of the film. Additional content, including other format types, will be added over time.

## against the grain people profile

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John Doyle

**PROFESSIONAL CAREER AND ACTIVITIES:** Masters in Information from **University of Michigan**, working at NLM for ten years; currently project manager for digital repository and ERMS admin; also worked in interlibrary loan automation, archival processing, and sys lib supervision.

**PHILOSOPHY:** Go forward in all your beliefs, and prove to me that I am not mistaken in mine.

**HOW/WHERE DO I SEE THE INDUSTRY IN FIVE YEARS:** Existing trends will continue — i.e., increased open-access publishing of STM content, decreased demand for resource sharing of STM content among libraries, centralized discovery of licensed and free resources, and consolidation of digital libraries into multi-institutional projects with shared responsibilities. 🐼



### PubMed Central

**PubMed Central (PMC)** is a free archive of biomedical and life sciences journal literature at NLM. In keeping with NLM's legislative mandate to collect and preserve the biomedical literature, **PMC** serves as a digital counterpart to NLM's extensive print journal collection. Launched in February 2000, **PMC** was developed and is managed by NLM's **National Center for Biotechnology Information (NCBI)**.

### Free Access: A Core Principle of PMC

As an archive, **PMC** is designed to provide permanent access to all of its content, even as technology evolves and current digital literature formats potentially become obsolete. NLM believes that the best way to ensure the accessibility and viability of digital material over time is through consistent and active use of the archive. For this reason, free access to all of its journal literature is a core principle of **PMC**.

### How Journal Articles are Provided to PMC

**PMC** is a repository for journal literature deposited by participating publishers, as well as for author manuscripts that have been submitted in compliance with the Public Access Policy mandated by **NIH** and similar policies of other research funding agencies. **PMC** is not a publisher and does not publish journal articles itself.

A number of journals that joined **PMC** prior to 2008 benefited from NLM's back issue digitization project, offered to publishers whose archival content was not yet available in electronic form. By scanning back issues from Volume 1 that were available only in print,

NLM has helped create a complete digital archive of these 90 journals in **PMC**.

### International Collaboration and Durability

NLM is collaborating internationally with other agencies that share the goals of **PMC**. Maintaining copies of **PMC's** literature in other reliable international archives that operate on the same principles provides greater protection against damage or loss of the material.

### Conclusion

NLM's rich collection of print and digital resources has grown significantly over the past 175 years, and the Library looks forward to the next 175 years and more of collecting, providing access to, preserving, and recording the world's most important materials in medicine and health. 🐼

### Rumors from page 10

Some more non-attendees updates. **Arnaud Pelle** <APelle@emeraldinsight.com> couldn't make it but he was following the **Conference** through **Twitter** and the **Conference Website**. Technology! BTW, did you see the great interview **Arnaud** did with yours truly? <http://www.emeraldinsight.com/librarians/info/interviews/strauch.htm>

**Arlene Sievers Hill** wasn't at the **Charleston Conference** either. She tells me that she had surgery and was out for six weeks! Plus there was a reorganization at **Case Western**. On the plus side, **Arlene** says she spoke at the **ALPSP International Conference** in Oxfordshire about changes in acquisitions and university libraries and how these changes are affecting publishers. She may be writing a book soon!

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