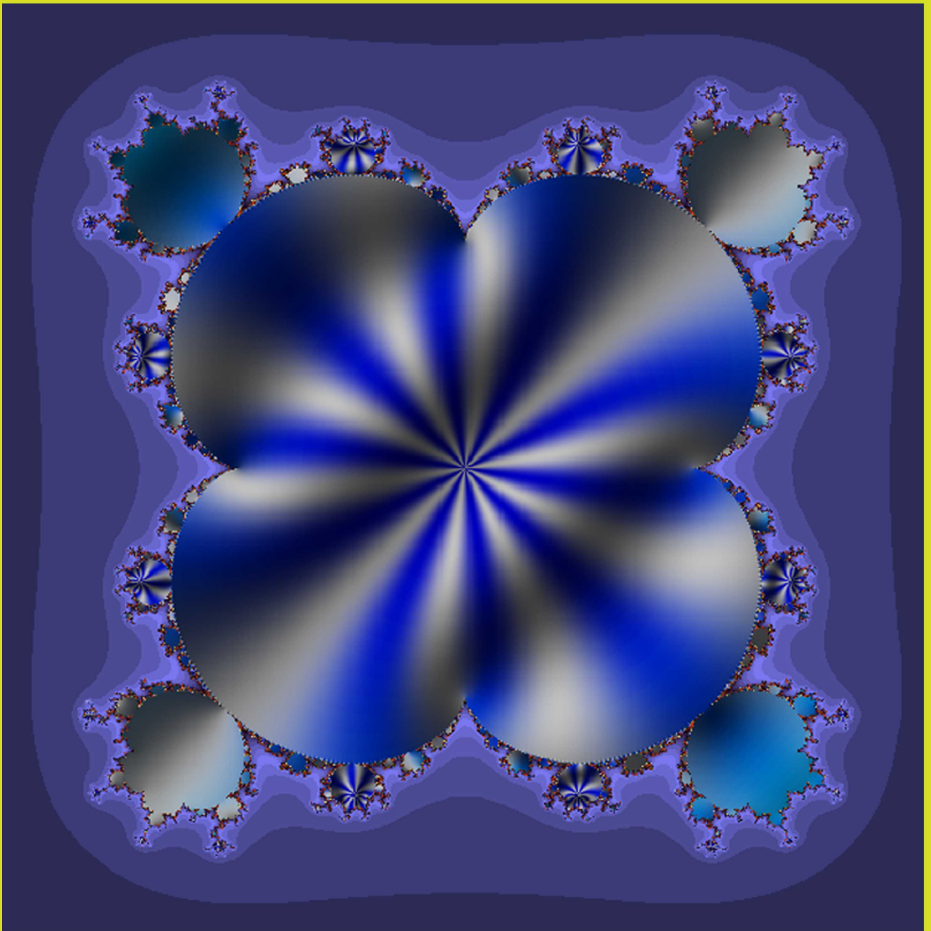


**DIGITAL CURATION  
BIBLIOGRAPHY:  
PRESERVATION AND  
STEWARDSHIP  
OF SCHOLARLY WORKS**



**Charles W. Bailey, Jr.**

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# **Digital Curation Bibliography: Preservation and Stewardship of Scholarly Works**

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# PREFACE

The "digital curation" and "digital stewardship" concepts are still evolving.

In "Digital Curation and Trusted Repositories: Steps toward Success," Christopher A. Lee and Helen R. Tibbo define digital curation as follows:

Digital curation involves selection and appraisal by creators and archivists; evolving provision of intellectual access; redundant storage; data transformations; and, for some materials, a commitment to long-term preservation. Digital curation is stewardship that provides for the reproducibility and re-use of authentic digital data and other digital assets. Development of trustworthy and durable digital repositories; principles of sound metadata creation and capture; use of open standards for file formats and data encoding; and the promotion of information management literacy are all essential to the longevity of digital resources and the success of curation efforts.<sup>1</sup>

Some scholars distinguish between "digital curation" and "digital stewardship":

Though the terms *curation* and *stewardship* are used interchangeably, there are differences in their meanings. *Curator* is derived from Middle English and Old French for legal guardian or overseer, and means "to take care of." *Steward* stems from the Old English and means "keeper" (*American Heritage Dictionary*, 2000). Stewards are also overseers, however, which suggests that stewardship signals broad cultural responsibility. Kevin Bradley (2007) defines stewardship as addressing the "cultural, public policy, and ethical questions about how and what we remember and forget," and curation as "maintaining and adding value to a trusted body of digital information for current and future use."

We have decided to use stewardship because it encompasses the full range of practices and issues with which curators and other professionals must be concerned.<sup>2</sup>

Digital preservation is typically regarded as a key subset of either digital curation or digital stewardship. Here's a definition:

Refers to the series of managed activities necessary to ensure continued access to digital materials for as long as necessary.<sup>3</sup>

The *Digital Curation Bibliography: Preservation and Stewardship of Scholarly Works* covers selected published articles, books, and technical reports. All included works are in English. The bibliography does not cover conference papers, digital media works (such as MP3 files), editorials, e-mail messages, letters to the editor, presentation slides or transcripts, unpublished e-prints, or weblog postings.

Most sources have been published from 2000 through 2011; however, a limited number of key sources published prior to 2000 are also included.

The bibliography includes links to many freely available versions of included works. Such links, even to publisher versions and versions in disciplinary archives and institutional repositories, are subject to change. URLs may alter without warning (and often without automatic forwarding) or they may disappear altogether. Inclusion of links to works on authors' personal websites is highly selective. Note that e-prints and published articles may not be identical.

Digital curation and digital stewardship intersect with a variety of broader topics, such as copyright, digital repositories, digitization, digital libraries, and metadata. See the author's other bibliographies listed in Appendix A. for more general coverage of these topics.

For the reader who is unfamiliar with digital curation and digital stewardship, the following works are recommended:

Caplan, Priscilla. "The Preservation of Digital Materials." *Library Technology Reports* 44, no. 2 (2008): 1-56.

Harvey, Ross. *Digital Curation: A How-to-Do-It Manual*. New York: Neal-Schuman Publishers, 2010.

Heidorn, P. Bryan. "Shedding Light on the Dark Data in the Long Tail of Science." *Library Trends* 57, no. 2 (2008): 280-299. <http://hdl.handle.net/2142/10672>

Walters, Tyler O., and Katherine Skinner. *New Roles for New Times: Digital Curation for Preservation*. Washington, DC: Association of Research Libraries, 2011. <http://www.arl.org/news/pr/nrnt-dcreport17mar11.shtml>

The following organizations' websites are good starting points for exploring digital curation and digital stewardship topics:

Digital Curation Centre, <http://www.dcc.ac.uk/>

Digital Preservation Coalition, <http://www.dpconline.org/>

JISC, <http://www.jisc.ac.uk/>

National Digital Information Infrastructure and Preservation Program, <http://www.digitalpreservation.gov/>

Open Planets Foundation,  
<http://www.openplanetsfoundation.org/>

1. Christopher A. Lee and Helen R. Tibbo, "Digital Curation and Trusted Repositories: Steps toward Success," *Journal of Digital Information* 8, no. 2 (2007),  
<http://journals.tdl.org/jodi/article/view/229/183>.
2. Jeannette A. Bastian, Michele V. Cloonan, and Ross Harvey, "From Teacher to Learner to User: Developing a Digital Stewardship Pedagogy," *Library Trends* 59, no. 4 (2011): 610.
3. Digital Preservation Coalition, *Digital Preservation Handbook* (York, UK: 2008),  
<http://www.dpconline.org/advice/preservationhandbook>

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## APPENDIX A. RELATED BIBLIOGRAPHIES

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## APPENDIX B. ABOUT THE AUTHOR

Charles W. Bailey, Jr. is the publisher of Digital Scholarship. From 2004 to 2007, he was the Assistant Dean for Digital Library Planning and Development at the University of Houston Libraries. From 1987 to 2003, he served as Assistant Dean/Director for Systems at the University of Houston Libraries.

Previously, he served as the head of the systems department at an academic medical library, a systems librarian at a research library, a technical writer at a bibliographic utility, and a media librarian at an academic media center. He holds master's degrees in information and library science and education (instructional media and technology).

In 1989, Bailey established PACS-L, a mailing list about public-access computers in libraries, and *The Public-Access Computer Systems Review*, the first open access journal in the field of library and information science. He served as PACS-L Moderator until November 1991 and as founding Editor-in-Chief of *The Public-Access Computer Systems Review* until the end of 1996.

In 1990, Bailey and Dana Rooks established *Public-Access Computer Systems News*, an electronic newsletter, and Bailey co-edited this publication until 1992.

In 1992, he founded the PACS-P mailing list for announcing the publication of selected e-serials, and he moderated this list until 2007.

In 1996, he established the *Scholarly Electronic Publishing Bibliography (SEPB)*, an open access book that has been updated 80 times.

In 2001, he added the *Scholarly Electronic Publishing Weblog*, which announces relevant new publications, to *SEPB*.

In 2001, he was selected as a team member of *Current Cites*, and he has subsequently been a frequent contributor of reviews to this monthly e-serial.

In 2005, he published the *Open Access Bibliography: Liberating Scholarly Literature with E-prints and Open Access Journals* with the Association of Research Libraries (also a website).

In 2005, Bailey established Digital Scholarship (<http://digital-scholarship.org/>), which provides information and commentary about digital copyright, digital curation, digital repository, open access, scholarly communication, and other digital information issues. Digital Scholarship's digital publications are open access. Both print and digital publications are under versions of the Creative Commons Attribution-Noncommercial License.

He also established *DigitalKoans*, a weblog that covers the same topics as Digital Scholarship.

From February 2005 through April 2012, Bailey published and updated the following bibliographies as websites with links to freely available works: the *Scholarly Electronic Publishing Bibliography* (1996-2011), the *Electronic Theses and Dissertations Bibliography* (2005-2012), the *Google Books Bibliography* (2005-2011), the *Institutional Repository Bibliography* (2009-2011), the *Open Access Journals Bibliography* (2010), the *Digital Curation and Preservation Bibliography* (2010-2011), the *E-science and Academic Libraries Bibliography* (2011), and the *Research Data Curation Bibliography* (2012).

During this period, Bailey also published the following books in paperback and PDF formats: the *Scholarly Electronic Publishing Bibliography: 2008 Annual Edition* (2009, also a Kindle e-book), *Digital Scholarship 2009* (2010), *Transforming Scholarly Publishing through Open Access: A Bibliography* (2010, also a website), the *Scholarly Electronic Publishing Bibliography 2010* (2011), the *Digital Curation and Preservation Bibliography 2010* (2011), and the *Institutional Repository and ETD Bibliography 2011* (2011).

In 2011, Bailey established the LinkedIn Digital Curation Group.

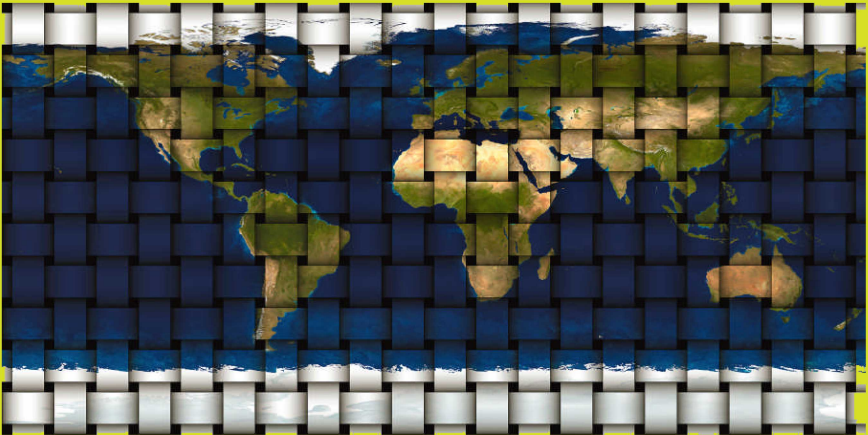
In 2010, Bailey was given a Best Content by an Individual Award by *The Charleston Advisor*. In 2003, he was named as one of *Library Journal's* "Movers & Shakers." In 1993, he was awarded the first LITA/Library Hi Tech Award for Outstanding Communication for Continuing Education in Library and Information Science. In 1992, he was given a Network Citizen Award by the Apple Library.

Bailey has written over 30 papers about digital copyright, expert systems, institutional repositories, open access, scholarly communication, and other topics

He has served on the editorial boards of *Information Technology and Libraries*, *Library Software Review*, and *Reference Services Review*.

His e-mail address is digitalscholarship at gmail.com.

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