

**BIBLIOGRAPHY OF THE HISTORY OF INFORMATION SCIENCE AND
TECHNOLOGY, 1900-2004**
5th Edition

Compiled by

Robert V. Williams

**Robert V. Williams is Distinguished Professor, Emeritus, School of Library and Information Science,
University of South Carolina.**

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Introduction and Purpose:

This bibliography attempts comprehensive coverage of the historical writings on the field of information science, with emphasis on North America. It includes all items in and updates the earlier two versions authored by Williams, Whitmire, and Bradley and published in the April, 1997 issue of the *Journal of the American Society for Information Science* (Vol. 48, No. 4) and in T.B. Hahn and M. Buckland, eds., *Historical Studies in Information Science* (published for the American Society for Information Science by Info Today, 1998). Those two versions were products of a project sponsored by the American Society for Information Science (ASIS) Special Interest Group (SIG) Projects Fund, with additional support by the Chemical Heritage Foundation and the Eugene Garfield Foundation. This edition has the additional support of the University of South Carolina School of Library and Information Science.

Like the earlier versions, this bibliography also uses a broad definition of information science but does not attempt to cover two closely related areas, library science and computer science, both of which have existing comprehensive historical bibliographies (see below for titles). However, making distinctions between the history of information science and the history of these two closely allied fields has not always been easily accomplished. When doubt

arose, I generally chose to include the item. I encountered similar problems when attempting to make decisions about items that addressed historical aspects of the literature of various disciplines (such as chemistry or biology) but also included significant discussion of the history of information retrieval in those fields. Again, when in doubt the item was included. I recognize, however, that coverage of the historical work on information handling in the various disciplines is one of the weaknesses of this compilation. I invite the help of readers in improving this coverage.

I have also taken a fairly broad view of what constitutes an "historical" work. Because the history of information science is still in an early development phase I think this approach is justified. Thus, I have included not only the traditional historical monographs, encyclopedia contributions, and journal articles but also such items as longer obituary notices (the "In Memoriam" type articles), personal retrospective descriptions of programs and inventions, reminiscences, and items whose main purpose was anticipating the future by reviewing the past. While many of these only minimally qualify as history, I feel that they do have a place in a comprehensive bibliography of the field.

Finally, while this edition emphasizes the writings of North American writers, attention has also been given to the history of information science and technology throughout the world. (Previous editions of this bibliography listed the international works separately.) However, I also recognize that worldwide coverage is weak in this version. I am (very slowly) working towards improving this situation and I invite my colleagues to join me in making improvements so that a genuinely comprehensive international bibliography of the history of information science and technology can be produced in the near future. (For additional bibliographies and Internet links on the history of information science outside North America, consult the following Web sites: Germany: <http://www.tu-harburg.de/b/hapke/infohist.htm#germany> ; France: http://www.info.unicaen.fr/bnum/jelec/Solaris/d04/4fayet_3bib.html) This edition has had the invaluable assistance of Colin Burke, whose review of the literature of the field will appear in a forthcoming volume of the *Annual Review of Information Science and Technology*.

The bibliography is divided into three sections: books (including encyclopedia articles and articles in edited compilations), journal articles, and unpublished materials. This bibliography follows the APA style guidelines for bibliographies. I encourage readers to help make this bibliography more complete and up-to-date by sending

citations to any items they think should be included. Please forward any information to: Robert V. Williams, Univ. of South Carolina at: bobwill@sc.edu .

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