

ADVISORY BOARD

- OLGA S. AKHMANOVA, *University of Moscow*
- JACK BELZER, *University of Pittsburgh*
- CHARLES P. BOURNE, *Charles Bourne and Associates, Menlo Park, California*
- DOUGLAS W. BRYANT, *Harvard University, Cambridge, Massachusetts*
- ERIC DE GROLIER, *Paris, France*
- ROBERT B. DOWNS (Ret.), *University of Illinois, Urbana*
- SIR FRANK FRANCIS (Ret.), *British Museum*
- EMERSON GREENAWAY (Ret.), *Free Library of Philadelphia*
- CLOYD DAKE GULL, *Cloyd Dake Gull and Associates, Inc., Kensington, Maryland*
- SHIGENORI HAMADA, *Electronics Association of Japan*
- J. CLEMENT HARRISON, *University of Dalhousie, Halifax, Nova Scotia*
- DONALD J. HILLMAN, *Lehigh University, Bethlehem, Pennsylvania*
- FRANK N. HOGG, *College of Librarianship, Aberystwyth, Wales*
- J. PHILLIP IMMROTH, *University of Pittsburgh*
- WILLIAM V. JACKSON, *George Peabody College for Teachers and Vanderbilt University, Nashville, Tennessee*
- B. S. KESAVAN, *Indian National Scientific Documentation Center, Calcutta*
- PREBEN KIRKEGAARD, *Royal School of Librarianship, Copenhagen*
- W. KENNETH LOWRY, *Bell Telephone Laboratories, Murray Hill, New Jersey*
- KALU OKORIE, *East Central State Library Board, Enugu, Nigeria*
- E. PIETSCH, *Gmelin Institut für Anorganische Chemie und Grenzgebiete, Frankfurt*
- SAMUEL ROTHSTEIN, *University of British Columbia, Vancouver*
- NASSER SHARIFY, *Pratt Institute, New York*
- MARIETTA DANIELS SHEPARD, *Organization of American States, Washington, D.C.*
- VLADIMIR SLAMECKA, *Georgia Institute of Technology, Atlanta*
- MARY ELIZABETH STEVENS, *U.S. Department of Commerce, Washington, D.C.*
- ROY B. STOKES, *University of British Columbia, Vancouver*
- C. WALTER STONE, *J-Marc, Inc., Palo Alto, California*
- JOSEF STUMMVOLL, *Austrian National Library, Vienna*
- ORRIN E. TAULBEE, *University of Pittsburgh*
- LAWRENCE S. THOMPSON, *University of Kentucky, Lexington*
- EILEEN THORNTON (Ret.), *Oberlin College, Oberlin, Ohio*
- L. J. VAN DER WOLK (Ret.), *Technological University, Delft*
- B. C. VICKERY, *Aslib, London*

ENCYCLOPEDIA OF LIBRARY AND INFORMATION SCIENCE

Executive Editors

ALLEN KENT
HAROLD LANCOUR
JAY E. DAILY

Assistant Editor

WILLIAM Z. NASRI

GRADUATE SCHOOL OF LIBRARY AND INFORMATION SCIENCES
AND THE KNOWLEDGE AVAILABILITY SYSTEMS CENTER
UNIVERSITY OF PITTSBURGH
PITTSBURGH, PENNSYLVANIA

VOLUME 17

MALAWI TO METRO

MARCEL DEKKER, INC., New York • Basel 1976

MANAGEMENT INFORMATION SYSTEMS

106

- icio, J. D., *Develop Another Computer-Based Management Information System*, National Postgraduate School, December 1972.
- Idin, Hamed Kamal, and F. Max Croft, *Information Systems—A Management Science Approach*, Petrocelli, New York, 1974.
- myer, J. C., *Concepts of Management Information Systems*, Wharton School of Finance and Commerce, Philadelphia, October 1973.
- myer, J. C., "Where Do We Stand in the Implementing Information Systems, in *Proceedings of the Spring Joint Computer Conference*, Pennsylvania University, Philadelphia, pp. 1167-171.
- inger, Norman L., *Putting MIS to Work*, American Management Association, 1969.
- ord, G., *Researching User Behavior in University Libraries*, *J. Doc.*, 29(1), 85-106 (March 1973).
- ottlieb, A., "Public Policy and Social Change," in *Proceedings of the 1972 Spring Joint Computer Conference*, pp. 507-510.
- ruenberger, F., *Information Systems for Management*, Prentice-Hall, Englewood Cliffs, New Jersey, 1972.
- iggins, J. C. and D. Whitaker, "Computer Aids to Corporate Planning," *Computer Bull.*, 16, 134-439 (September 1972).
- elly, Joseph F., *Computerized Management Information Systems*, Macmillan, New York, 1970.
- riebel, C. H., "MIS Technology—A View of the Future," in *Proceedings of the 1972 Spring Joint Computer Conference*, pp. 1173-1180.
- Management Information Systems* (a bibliography of selected U.S. Government R&D activity), National Technical Information Service, Washington, D.C., 1973, Computer Output Microfilm 73-11740/0.
- Matthews, Don Q., *The Design of the Management Information System*, Auerbach, Princeton, New Jersey, 1971.
- Mellichamp, J. N., "MIS—Which Way to Go," *General Systems Management*, 24(7), 34-37 (July 1973).
- Pakpner, S. J., "Management Information Systems—A Pragmatic Survey," *Conference Board Rec.*, (May 1973).
- Snowball, G. J., "Information/Library Statistics as a Management Aid: A Graphic Presentation Alternative Solutions," *Spec. Lib.*, 63(10), 443-447 (1972).

NEALE S. GRUNSTRA

107-113 MANCHESTER, JOHN RYLANDS UNIVERSITY LIBRARY

MANCHESTER, THE JOHN RYLANDS UNIVERSITY LIBRARY OF

The John Rylands University Library came into being in 1972 as a result of the merging of the John Rylands Library with the Library of the Victoria University of Manchester. The logical, almost inevitable outcome of many years of close association between the university and the Rylands, a new library emerged which contained over 2½ million printed books, 16,000 manuscripts, over 300,000 deeds and charters, and several hundred thousand titles in microform. In its quality it compares with national libraries: in its practice it serves not only a large university, but also much of the scholarship of a highly populous region.

The constituent parts of the new library, the University Library and the John Rylands, were founded in 1851 and 1900, respectively. Their foundation and early circumstances could not have been more different. The University Library grew slowly out of the struggling Owens College, and the John Rylands was born as an institution with an immediate guaranteed international reputation. Their aims and services, however, were common ones. They were concerned with pure scholarship and higher education and inevitably shared one and the same readership. Indeed, they had much the same governing body. Mrs. Rylands ordained that for most of its life the Rylands governing body would contain a majority of university members. Not unexpectedly these were also members of the University Library Committee. So close was the cooperation and mutual assistance in day-to-day library matters that it would be difficult to envisage two more complementary collections.

The original University Library dates from the foundation of Owens College. James Heywood, F.R.S., presented 1,200 volumes to form the nucleus of a library and started at the same time a tradition of benefaction which has been and is one of the main strengths of the library today. The college was then in the heart of the city, less than 400 yards from the spot where some 40 years later Mrs. Rylands was to build her magnificent memorial to her husband. This was to prove a great year for libraries in Manchester: in the same year, 1851, the Manchester Public Library also came into existence. A balance of excellent public library resources and fine academic librarianship was achieved which has persisted unbroken and confers peculiar distinction in library matters on the city today.

Heywood's donation was quickly followed by many more reflecting a very wide field of scholarly endeavor. They led not only to excellent support collections for teaching and research, but included so much of bibliophilic interest that the library rapidly emerged as a center for rare books. Some of these acquisitions must virtually have guaranteed the successful teaching of a subject. The 1870s brought the bequest of the library of the first Bishop of Manchester, Dr. Prince Lee, some 7,000 volumes on Biblical literature, theology, and history, and the acquisition of the David Forbes Library, a highly selective collection of scientific books. The