The idea of the library in the twenty-first century
Nina W. Matheson

Twenty-first-century science
M. R. C. Greenwood

The Human Genome Project: ethical and social implications
Thomas H. Murray and Efrat Liony

Practical library research: a tool for effective library management
Elizabeth Schneider, Carole J. Mankin, and Jacqueline D. Bastille

Symposium: Building the National Health Information Infrastructure: The Role of High-Performance Computing and Communications
Donald A. B. Lindberg, Editor

Introduction
Donald A. B. Lindberg

HPCC and the National Information Infrastructure: an overview
Donald A. B. Lindberg

Internet connectivity for hospitals and hospital libraries: strategies
Sherrilynne S. Fuller

Iowa's National Laboratory for the Study of Rural Telemedicine: a description of a work in progress
Michael Kienzle; David Curry; Edmund A. Franken, Jr.; Jeffrey Galvin; Eric Hoffman; Edwin Holtum; Lee Shope; James Torner; and Douglas Wakefield
42 Teledermatology: one application of telemedicine
Douglas A. Perednia and Nancy A. Brown

48 Design and implementation of the Indianapolis Network for Patient Care and Research
J. Marc Overhage, William M. Tierney, and Clement J. McDonald

57 Building a medical multimedia database system to integrate clinical information: an application of high-performance computing and communications technology
Henry J. Lowe, Bruce G. Buchanan, Gregory F. Cooper, and John K. Vries

Highlighting International Health Sciences Librarianship

65 Introduction
Naomi C. Broering

66 A descriptive study of ninety-two hospital libraries in Mexico
César A. Maclas-Chapula

71 From apartheid to integration: the role of the Witwatersrand Medical Library in health care services in Johannesburg, South Africa
Glenda Myers

78 Testing Orr’s document delivery test on biomedical journals in South Africa
Susan Steynberg and S. F. Rossouw

85 Use of information sources by family physicians: a literature survey
Anita A. H. Verhoeven, Edzard J. Boerma, and Betty Meyboom-de Jong

91 The Medical Library and Media Center of Keio University in Tokyo: report on a visit
Jean-Philippe Accart

Brief Communications

93 Librarians contract to provide bibliographic support for a new medical text
Robert J. Sekerak, Nancy A. Bianchi, Donna K. O’Malley, Joanna S. Weinstock, and Kathey Alexander

96 Orientation to the Internet for primary care health professionals
Sue M. Hollander and Don Lanier

Comment and Opinion

101 Letters to the Editor
Why is financial cost a deterrent to searching?
Michele S. Klein
Authors’ response
Paul Gorman, Joan Ash, and Leslie Wykoff
Editorial
The organizational question: informatics and information management in the academic health sciences center
Diana Cunningham

Book Reviews
Connie Poole, Editor
Reference and information services in health sciences libraries. Reviewed by Linda C. Smith
Introduction to reference sources in the health sciences. 3d edition. Reviewed by Alexandra Dimitroff
Library without walls: plug in and go and Mastering information in the new century. Reviewed by David W. Boilard
Accessing medical information from a desert island with telephone service: how to get and organize the information you need to practice most effectively. Reviewed by Cheryl R. Dee
Guide to selecting and acquiring CD-ROMs, software and other electronic publications and Selection and evaluation of electronic resources. Reviewed by Linda A. Hulbert
Managed care desk reference: the complete guide to terminology and resources. Reviewed by Michele A. Volesko

Books and Serials Received
Connie Poole, Editor

Software Reviews
Janis Brown, Editor
Radiologic Anatomy. Reviewed by Diane Futrelle
PARADIGM: The Annotated Index of Hospital Epidemiology Literature. Reviewed by Alain Besson

Gary D. Byrd, Proceedings Editor; and Steven J. Squires

Preconference Activities
Continuing Education Courses
Conference, May 15
Conference Welcome
Presidential Address
Plenary Session I
Presentation of Awards
Business Session I
Section Business Meetings and Program Session
Welcome Receptions and Exhibit Opening
Conference, May 16
Plenary Session II: Janet Doe Lecture
National Library of Medicine Update Session
Poster Session I
Section Programming I and II
Conference, May 17
Plenary Session III
Poster Session II
Section Programming III
Section and SIG Business Meetings
Program Sessions
Business Session II
Report of the Executive Director
Inaugural Address
Conference, May 18
Section Programming IV
Plenary Session IV
Conference, May 19
Postconference Symposium

149 1993 Audited Statement of Revenues, Expenses, and Changes in Fund Balances

98 Articles in Forthcoming Issues

January Cover: The rendering of "A Virtual Hospital" was submitted by Michael Kienzle, M.D., et al. Reprinted with permission of Apple Computer, Inc.


Opinions expressed here are those of the authors and do not necessarily represent those of the association.
Copyright, © Medical Library Association, 1995.
All material subject to the Bulletin's copyright may be photocopied for the noncommercial purpose of scientific or educational advancement.