
Index to Volume 42

Prepared by: Laurel Preece

A

- AAHSLD (Association of Academic Health Science Library Directors), 58, 77
- AALL. *See* American Association of Law Libraries
- AAMC. *See* Association of American Medical Colleges
- AARP (American Association of Retired Persons), 160
- AARP Bulletin*, 175
- Abbott, A. D., 93, 103
- Abbott, Abiel, 468
- Abbott, Andrew, 93, 103, 225-226, 231
- Abell, Millicent, 27, 43
- ABLEDATA, 159
- Abstract Syntax Notation 1 (ASN.1), 134
- Academic health sciences libraries: assumptions about, 197-198; competitive advantage and productivity in, 201-202; and consumer health information, 167; document delivery in, 203-204; library instruction programs in, 204-205; and integration into the parent organization, 208-210; management perceptions of, 198-200; reference services in, 206; and tools for scientific communication, 206-208
- Academic Information in the Academic Health Sciences Center: Roles for the Library in Information Management*, 29, 43
- Academic libraries: and approval plans, 371, 514-523, 654; budgets for, 491-492, 497-498; and building and maintenance costs, 565-568; and cooperative collection development and resource sharing, 495-496; and the costs of automation, 524-536; and cost centers and overhead, 572-573; and cost recovery, 571-572; effect of electronic technology on, 494, 662; and electronics costs, 570-571; and fee-based services, 481; and financial management, 370, 404-419; and growth costs, 568-570; materials expenditures in, 499-513; and the parent institution, 408-410, 493-494; and scholarly information, 494-495; traditional funding strategies of, 462-463; trends affecting, 492-493; and user-related costs, 573-574; and value maintenance, 574-576
- Academy of Health Information Professionals, 30
- Accountability: and personnel costs in libraries, 539
- Accreditation of graduate library school programs, 26, 288, 290, 308, 310, 329
- Acquired immune deficiency syndrome (AIDS) information. *See* AIDS information
- ACRL University Library Statistics*, 500
- Adams, S., 610, 623
- Addington, W. W., 99, 106
- ADONIS, 122

- Advanced Research Projects Agency (ARPA): and ARPANET, 118
- Advocate, The*, 185
- Aerospace engineering network use study: aim of, 694-695; methodology, 699-700; results, 700-713; study questionnaire, 716-726
- Aerospace industry, characteristics of, 697
- Aerospace Knowledge Diffusion Project, 698
- AFB News*, 175
- AGARD (Advisory Group for Aerospace Research and Development), computer conferencing systems use by, 698
- Agency for Health Care Policy and Research (AHCPR), 159, 359-360
- Agenda for Change*, 70
- Aguilar, W., 493, 498
- AHA. *See* American Hospital Association
- AHECs (Area Health Education Centers), 49, 168
- AI/COAG, 98
- AIDD, 189-190
- AIDS Bibliographies*, 185
- AIDS Clinical Research Center (UCLA), 189
- AIDS Clinical Trial Information Service, 192
- AIDS Compact Library, 189
- AIDS Foundation (San Francisco, Calif.): and AIDS information, 183
- AIDS and HIV Disease: Psychosocial Interventions for Health Care Workers*, 190
- AIDS Info BBS, 190
- AIDS information, 3: evaluation of, 186-187; and integrated information systems, 191-193; new methods of dissemination of, 189-191; and participants in the information process, 181-183; problems with dissemination, 171; and specialized information services, 183-185; terminology of, 187-189; types of sources, 185-186
- AIDS Information Network (Philadelphia, Pa.), 188, 192, 193
- AIDS Knowledge Base, 190
- AIDS Library of Philadelphia, 192
- AIDS Medical Update*, 189
- AIDS Teleforum, 190
- AIDS Vignettes for Dental Professionals*, 190
- AIDS—Vignettes for Nurses*, 190
- AIDS: Vignettes for Physicians*, 190
- AIDSDRUGS, 191
- AIDSLINE, 186, 191
- AIDSTRIALS, 191
- AI/RHEUM, 18, 19, 98
- ALA. *See* American Library Association
- Alcohol, Drug Abuse, and Mental Health Administration (ADAMHA): and consumer health information, 156
- ALERT, 176
- Alexandria Library, 5-6
- Alley, B., 515, 523
- Alternative Sources of Revenue in Academic Libraries*, 471
- American Association for the Advancement of Science: and *The Online Journal of Current Clinical Trials*, 13, 122
- American Association of Law Libraries (AALL): *AALL Guidelines for Graduate Programs in Law Librarianship*, 326-330, 338-340; history of, 320-322; Special AALL Educational Policy Committee, 326
- American Association of Retired Persons (AARP), 160
- American Bar Association: and law librarianship, 329
- American College of Obstetricians and Gynecologists: and IAIMS, 115
- American Hospital Association (AHA): and data on hospital libraries, 64; and *Library and Information Services*, 74; and trends affecting U.S. hospitals, 66
- American Hospital Association Resource Center: and health sciences libraries, 64, 71, 72, 79
- American Institute for Preventive Medicine: and wellness programs, 155
- American Institute of Stress: and wellness programs, 155

- American Library Association (ALA): and consumer health information, 161; and fund-raising in libraries, 471; and library financial management, 415-416; and standards for master's programs, 26, 270, 308, 310; Special Committee on Library School Closings, 314
- American Medical Informatics Association (AMIA), 354
- American Research on the Treasury of the French Language (ARTFL), 677, 679
- Americans with Disabilities Act (ADA): and facilities planning, 550, 551
- Anderson, Barbara L., 370, 395
- Anderson, R. K., 30, 43, 210, 218
- Anderson, Sherman, 370
- Andrew File System, 620
- Anglo-American Cataloguing Rules*, Chapter 9: and electronic texts, 689
- Applied Physics Laboratory (APL) Library, Johns Hopkins University: document delivery service at, 204
- Approval services: 371, 514-523, 654
- Archie, 621, 631, 643, 657
- Architects: and the facilities planning process, 556-560
- Archive of Old Scots Texts, 684
- Area Health Education Centers (AHECs), 49, 168
- ARIEL, 121-122
- Aristotelian Ethics*, 682
- ARL Serials Prices Project*, 511
- ARL Statistics*, 500, 503
- Armstrong, C. J., 628, 636
- ARPANET, 118
- ARTFL (American Research on the Treasury of the French Language), 677, 679
- ASCII files: and electronic texts in the humanities, 678, 690
- ASN.1 (Abstract Syntax Notation 1), 134
- Association of Academic Health Science Library Directors (AAHSLD), 58, 77
- Association of American Law Schools: and law librarianship, 329
- Association of American Medical Colleges (AAMC): and health sciences education, 10, 47-48; and medical informatics, 354, 355
- Association of College and Research Libraries (ACRL): and academic library materials expenditures, 499-513
- Association for Computational Linguistics: and TEI, 686
- Association for Computers and the Humanities: and TEI, 686
- Association for Literary and Linguistic Computing: and TEI, 686
- Association of Research Libraries (ARL): and academic library materials expenditures, 499-513; and competencies of librarians, 29; and the cost of interlibrary loan, 543; and fund-raising in libraries, 471; and the NREN, 119
- Astor, Jacob, 468
- Atkins, T. V., 29, 43
- Austen, Jane: and electronic concordances, 682, 684
- Automation. *See* Library automation
- B**
- Babson College: and integration of information technology, 373-375, 390-391
- BACS, 11
- Badgett, T., 590
- Bailey, C. W., Jr., 628, 636
- Bailey, G. D., 610, 623
- Bandy, M., 166, 178
- Bar-Ilan University: and electronic texts in the humanities, 677
- Barbour, G. L., 99, 103
- Barney, J. B., 463, 464, 466
- Barron, Billy, 646
- Basic Library Management*, 70
- Basics of Searching MEDLINE*, The, 94
- Bates, Joshua, 468
- Battin, Patricia, 27, 43
- Bayers, A. F., III, 589, 590
- Bazillion, R. J., 530, 534
- Beardsley, Arthur, 322-323, 341
- Bearman, Toni Carbo, 27, 43
- Beck, D. M., 615, 624
- Becker, K. A., 628, 636

- Benchmarking: and health care administration, 76
 Benson, D. A., 88, 107
 Bentley, S., 543, 546
 Bentley College, Computer Center: and new technology vendors, 307
 Bergman, D. A., 88, 97, 103
 Beta code, 685
 Beuschel, W., 698, 727
 Bibliographic instruction programs in libraries: competitive strategies for, 204-205; and library budgets, 479; in medical education, 351
 Bickley, T., 628, 636
 Big Sky Telegraph, 668-669
 Biomedical communication, model of, 110-111
 BioSYNTHESIS, 207, 210
 Bishop, Ann P., 588, 694
 Bishop, C. W., 138, 146
 Bishop, David, 528
 BITNET, 638
 Black, J. B., 698, 727
 Blacksburg Electronic Village: and rural information access, 668
 Blackwell: and online approval systems, 654
 Blanket order plans, 514, 516
 Bolez, D., 530, 533, 534
 Bolton, W., 679, 692
 Booth, R. E., 543, 546
 Boston AIDS Consortium: and AIDS information, 192
 Boucher, Rick, 668
 Bradley, J., 71, 80
 Braun, E., 590
 Brent, D., 617, 624
 British Aerospace, computing applications at, 697
 Broadband networks: and rural information access, 667
 Broadcast media: and rural information access, 666-667
 Broadcast models: and regulation of the Internet, 617
 Brodman, E., 25, 43, 207
 Broering, Naomi, 207, 208
 Brown, Don, 370, 404
 BRS AFTERDARK, 9
 BRS Colleague, 9, 94
 BRS-Search: and electronic texts in the humanities, 679
 Bruner, J., 610, 624
 Buber, M., 612, 624
 Buchanan, Holly, 2
 Buffalo and Erie County Public Library: and consumer health information, 172
 Building and maintenance costs in libraries, 565-568
 Bulletin boards. *See* Electronic bulletin boards
 Burlingame, Dwight F., 370, 467, 471, 476
 Burrows, J. F., 682, 684, 692
 Busa, Roberto, 676
 Bush, Vannevar, 109
 Business education: and library and information science, 284, 353
 Butler, C. S., 681, 692
- C**
- CAI. *See* Computer-assisted instruction
 CAIN (Computerized AIDS Information Network), 190, 191
 California Literacy Campaign, 399, 400
 California Polytechnic State University, materials expenditures at, 502
 Camp, J. A., 533, 534
 Campbell, J. M., 640, 647
 Campbell, J. R., 141, 146
 Campbell, Jerry D., 448, 497, 498, 541, 545
 Campbell, John D., 370
Campus Strategies for Libraries and Electronic Information, 571
 Canadian special librarianship. *See* Special librarianship in Canada
 Cancernet, 160
CANE Exchange, 175
 CAPHIS (Consumer and Patient Health Information Section), 164
 Capital costs, 429
 Capital services, 431-434
 Cargill, J. S., 515, 523
 CARL: and *CHOICE*, 654; and online catalogs, 655
 Carl-Mitchell, S., 589, 590
 Carnegie, Andrew, 468
 Carrigan, D. P., 491, 498
 Cataloging electronic texts, 689-690
 CAUSE: and the NREN, 118

- CD-ROM: and electronic texts in the humanities, 678
- CEC. *See* Commission of the European Communities
- Cedar, T., 90, 106
- Center for Electronic Texts in the Humanities (CETH), 650, 689, 690
- Center for Health Promotion and Education: and the Raven Study, 167
- Center for the Study of Regional Librarianship: and rural libraries, 663
- Centers for Disease Control (CDC): and AIDS information, 192; and consumer health information, 156; and the Raven Study, 167
- CETEDOC CD-ROM, 677
- Chadha, S., 628, 636
- Chadwyck-Healey: and electronic texts, 679
- Challenge to Action: Planning and Evaluation Guidelines for Academic Health Sciences Libraries*, 58
- Chemical Abstract Services (CAS): and electronic publishing, 656
- ChemID, 142
- CHI. *See* Consumer health information dissemination
- Chicago Public Library, Harold Washington Library, 396
- CHID (Consumer Health Information Database), 166
- Children's Network, 400
- CHIRS, 167
- Chronicle of Higher Education: and discussion of economic pressures affecting health sciences libraries*, 7-8
- Chute, C. G., 142, 146
- Cimino, J. J., 141, 147
- Cimpl, K., 92, 103
- Circulation services, cost of, 426, 437, 439, 442-443, 444
- CIX (Commercial Internet Exchange), 618
- Clarion University: and rural libraries, 663
- Clark, B. M., 543, 546
- Clash of Cultures, The: Managers and Professionals*, 542
- Clearinghouses for health information, 157, 175
- Cleaver, B. P., 610, 612, 624
- Cleveland Public Library: and consumer health information, 165
- Clinical alerts: and consumer health information, 176
- Clinical information: and end-user searching, 94-97; and the impact of the hospital library on patient care, 99-101; importance of to patient care, 83-84; and information-seeking pattern of health professionals, 84-91; and Literature Attached to the Chart (LATCH), 93-94; and quality filtering and critical appraisal, 97-99; and the role of the clinical librarian, 92-93. *See also* AIDS information, Consumer health information dissemination, Medical information dissemination
- Clinical information specialists, 351-353
- Clinical library programs, 92-93
- COACH, 120, 144, 145
- COCOA, 684-685
- Cohen, Elaine, 371, 547
- Coleman, J. S., 86, 104
- Collaborative and integrative skills: and information technology, 611
- Collection development: in academic libraries, 495-496; in a network environment, 648-659
- Collection maintenance, cost of, 426-427, 433, 437; insurance for, 567; and value maintenance, 575-576
- Colorado Alliance of Research Libraries. *See* CARL
- Colson, Frederick D., 323
- Columbia-Presbyterian Medical Center: and IAIMS, 115, 116, 117, 210
- Columbia University, School of Library Service, 228, 286-287; and law librarianship, 323
- Commercial Internet Exchange (CIX), 618
- Commission of the European Communities: and electronic texts in the humanities, 690
- Common carrier model: and regulation of the Internet, 617

- Communications: and library and information science, 285
- Community Development Block Grant Funds: and public library funding, 402
- CompuServe, 631, 702
- Computer-Aided Acquisition and Logistics Support (CALIS), 698
- Computer-assisted instruction (CAI): and AIDS information, 190-191; and health sciences librarians, 52
- Computer conferencing systems. *See* Electronic conferences
- Computer/information integrated environment (CIE), 698
- Computer science: and library and information science, 285, 314
- Computer technology: effect on libraries, 449-551. *See also* Information technology and libraries
- Computer-integrated manufacturing (CIM), 698, 704
- Computerized AIDS Information Network (CAIN), 190, 191
- Computers and the Humanities*, 681
- Concordances: and electronic texts in the humanities, 681-682
- Concurrent engineering, 696
- Conn, L. C., 77, 82
- Connell, Tschera Harkness, 588, 608
- Connelly, D. P., 89, 104
- Consensus conferences: and consumer health information, 176
- Conspectus Project (RLG), 496
- Constructivist model of the learner, 610-611
- Consumer health information dissemination, 3; and academic health sciences libraries, 167; benefits of improved dissemination, 156; current awareness techniques and resources for, 175-177; factors affecting, 154-161; future trends in, 171-174; and hospital libraries, 165-167; and library associations, 161-164; and library networks, 167-170; and national libraries, 164; problems in, 170-171; and public libraries, 164-165. *See also* AIDS information, Clinical information, Medical information dissemination
- Consumer Health Information Database (CHID), 166
- Consumer and Patient Health Information Section (CAPHIS), 164
- Consumer price index: and academic library expenditures, 502, 508, 510
- Continuing education: and consumer health information dissemination, 162-163; and the costs of library automation, 525; and the Internet, 619-620; in the transitional library model, 452
- Continuing education for special librarians: 228, 229; in Canada, 312-313; cost of, 296; for health care professionals, 48-50, 55-56, 359; importance of, 290-291; in law libraries, 325; library managers' role, 295-296; Special Libraries Association's role, 228, 294-297, 312-313, 325
- Continuous quality improvement. *See* CQI
- Cooper, J. A. D., 29, 43, 66, 81, 114, 125
- Cooper, John, 47
- Cooperative Cataloging Council (CCC), 621-622
- Cooperative collection development: and academic libraries, 495-496; and network resources, 651
- Copyright: and electronic texts in the humanities, 681
- COQ (cost of quality): and health care administration, 76
- Corcoran-Perry, S., 90, 104
- Cornell University: document delivery service at, 204; end-user searching at the Medical Center, 95
- Corporate librarianship in the business sector: crisis in, 232-233; education for, 227, 243-248; and the history of financial management, 233-235; and electronic information industry developments, 235-239; professional skills needed in, 239-243
- Corporate librarianship in technical industries: educational roles for industrial librarians, 254-256; and evaluation of library school graduates, 251-252; and expectations

- about library school graduate competencies, 252-254; and recruitment of library school graduates, 250-252
- Corporate libraries, characteristics of, 280, 291, 299-300
- Corporate Library Excellence*, 75, 295, 296, 297, 303
- Cost centers and libraries, 572-573
- Cost-finding methodology: purpose of, 421-422
- Cost of quality. *See* COQ
- Cost recovery and libraries, 571-572
- COSTAR (Computer Stored Ambulatory Record) sites, 131-132
- Costs, types of, 429-434
- Council on Library Resources: and expected competencies of librarians, 26; and funding of the MLA's Knowledge and Skills Task Force Survey, 27
- Covell, D. G., 86, 89, 104
- CQI (continuous quality improvement): and health care administration, 70, 100; and health sciences librarians, 56
- Creth, S., 29, 43
- Critical incident technique: and evaluation of networked information services, 596-597
- Critical thinking skills: and information technology, 611
- Cronin, Blaise, 227, 257
- Culnan, Mary, 292, 303
- Cummins, T. R., 543, 544, 545
- Currie, L., 87, 104
- Curry, L., 87, 104
- D**
- Dahlen, Karen Hackleman, 3, 152
- Dalhousie University (Halifax, Nova Scotia): School of Library and Information Studies, 305, 306, 307, 315
- Dalrymple, Prudence W., 1
- Darling, Louise, 109, 124
- DaRosa, D. A., 51, 59
- Dartmouth Dante Project, 642, 679
- Data-collection techniques, 595-601
- Davidoff, F., 99, 106
- Day, Dorothy, 227, 257
- Debons, Anthony, 27, 43
- Delphi Inc.: and AIDS information, 191
- Deming, W. Edwards, 405-406
- Department of Defense: and the Aerospace Knowledge Diffusion Project, 698; and the CALS system, 698
- Dern, D. P., 590
- Detlefsen, Ellen Gay, 229-230, 342, 349, 363
- Dewey, Barbara I., 371, 537
- Diagnostic and Statistical Manual of Mental Disorders*, 131
- DIALOG: Knowledge Index, 94
- Dictionary of AIDS-Related Terminology*, 189
- Dillman, D. A., 615, 624, 663, 673
- Dillon, M., 621, 624, 628, 636
- Dinham, S. M., 618, 624
- Direct costs, 430
- Directory of Electronic Journals*, 644
- Directory of Electronic Journals, Newsletters and Academic Discussion Lists*, 644
- Directory of Scholarly Electronic Conferences*, 644
- DIRLINE, 160
- Distance learning, 493
- Divine Comedy, The*: electronic version of, 679
- Dixon, Jeanne, 646
- DOCLINE, 11, 12, 13, 112, 121
- Doctor, R. D., 662, 673
- Document delivery services: budgeting for, 496; competitive strategies for, 203-204; and health sciences libraries, 11-12; and networks, 649
- Document image processing (DIP), 207
- Document type definition (DTD), 685, 686, 687
- Dow, Ronald F., 370, 460
- Drucker, P. F., 198, 218
- Due, K. M., 65, 82
- Dumaine, Brian, 521, 522, 523
- Dunn, John A., Jr., 371, 564
- Durrance, J., 469, 476
- Dykstra, Mary, 307
- E**
- Early Christian Latin, 677

- EARS (Electronic Access to Reference Services), 11
- East Central AIDS Education and Training Center: and AIDS information, 190
- Eaton, Andrew, 469, 476
- EBSCO: and journal prices, 504
- Eccles Health Sciences Library, University of Utah: and IAIMS, 210
- EDI (Electronic data interchange), 696
- Education for corporate librarianship: in Canada, 304-318; and the emerging market for information professionals, 257-276; and the financial industry, 232-248; and formal and continuing education for excellence, 290-303; and information management, 277-289; and law libraries, 319-341; and medical libraries, 342-364; and technical industries, 249-256
- EDUCOM: and the NREN, 118
- Egan, B. L., 667, 668, 673
- Elder, S. D., 473, 474, 477
- Elder Care News*, 175
- Elderly, health information for, 159-160
- Electronic Access to Reference Services (EARS), 11
- Electronic bulletin boards: use by aerospace engineers, 697, 703
- Electronic conferences: and collaborative research and publishing efforts, 639; and evaluating information, 645; and reference service, 641; use by aerospace engineers, 697, 698, 703
- Electronic data interchange (EDI), 696
- Electronic formats: effect on libraries, 414, 482, 485-487
- Electronic journals: and academic libraries, 494, 639; and dissemination of biomedical information, 121-123; use by aerospace engineers, 703
- Electronic mail: use by special librarians, 630; use by aerospace engineers, 697, 703
- Electronic publishing: effect on collection development, 650, 656-657; and health sciences libraries, 12-13
- Electronic texts in the humanities: creation of, 680-681; cataloging of, 689-690; definition of, 677; documenting of, 688-689; effect on collection development, 650; markup for, 683-687; retrieval software for, 690-691; status of, 677-680; uses of, 681-683
- Electronics costs and libraries, 570-571
- Ellis, L. B. M., 53, 59
- Elsevier Science Publishing Group: The Universities Licensing Project (TULIP), 12-13, 656
- Elwood, Paul, 158
- Embedding content: and the Internet, 609
- Employment market for information professionals, research on: 227-228, 257-276
- Encyclopaedia Society, 586
- End-user, definition of, 375
- End-user searching: and health professionals, 92, 94-97
- Engineers: computer use by, 696-697. *See also* Aerospace engineering network use study
- Enhanced operating budget, 430-434
- Enterprise, definition of, 375
- Epstein, Susan Baerg, 529, 534
- Equipment costs: and facilities planning, 548
- Equipment and value maintenance, 576
- Erasmus University (The Netherlands): and medical informatics, 50
- Estrada, S., 589, 590
- E.T.C.s (Regional AIDS Education and Training Centers): and AIDS information, 184
- Eudemean Ethics*, 682
- Evaluation of electronic information resources, 644-645. *See also* User-based evaluation of networked information services

Evolving Role of the Health Sciences Library in Continuing Education, The, 91

Ewing, P., 138, 146

Expenditure budget, 428-429

Expert Systems Program, 19

F

Facilities planning: and the costs of library automation, 525; and interior architecture concerns, 549-555; and lighting, 556; and the planning process, 556-563

Facilities and value maintenance, 575

Facsimile technology: and rural information access, 668

Falk, B., 589, 590

Family Doctor, The, 161

Faxon: INFOSERV online service, 653; and journal prices, 504

FDA (Food and Drug Administration): and consumer health information, 156, 160

FDA Consumer, 158*FDA's Bulletin Board*, 176*Federalist Papers*, 682

Fee-based library services, 414, 481

File Papers, 161

File transfer: use by aerospace engineers, 703

Financial management: in corporate libraries, 233-237, 240-241

Financial technologies and libraries, 414

Finger, A. L., 666, 675

Finley, Elizabeth, 320

Fiscal and Business Officers Discussion Group (ALA), 415, 416

Fiscal empowerment: and the transitional library model, 455-456

Fischler, B. F., 471, 476

Fisher, William, 228, 290, 297, 303

Fixed costs, 429

Fletcher, S. W., 87, 104

Florance, Valerie, 3, 196

Focus groups: and evaluation of networked information services, 596

FOG CITY Bulletin Board System, 190

Fogel, Earl, 646

Food and Drug Administration. *See* FDA

Food and Nutrition Center (FNIC): and consumer health information, 160, 164

Foster, E. C., 64, 74, 79, 82

Foundations of Education for Librarianship, The, 475

Franklin, Benjamin, 468

Franklin, Carl, 588, 608, 610-611, 624

Friedlander, J., 85, 104

Friedman, B., 612, 624

Friedman, C., 141, 142, 147

Friesen, P. H., 462, 464, 465-466

Fu, L. S., 145, 147

Fuller, S. S., 210, 218

Fund-raising and libraries, 370, 414-415, 467-477, 526

Fund-Raising and Public Relations: A Critical Analysis, 475**G**

Gaddis, D., 526, 534

Gaelic-L@IRLEARN, 641

GaIN (Georgia Interactive Network for Medical Information), 57

GAIN (Global Access Information Network): and rural information access, 669

Galvin, T. J., 349, 363

Gardner, J., 589, 590

Gay and Lesbian Community Service Center (Hollywood, Calif.): and AIDS information, 191

Gay Men's Health Crisis (N.Y.): and AIDS information, 183

GDB Human Genome Data Base, 204, 208-209

GenBank, 20

GenInfo, 20

Georgantzas, N. C., 29, 43

Georgetown Catalog of Projects in Electronic Texts, 677

Georgetown Strategic Visions Discussion Group: and values desirable for library professionals, 544

Georgetown University: and IAIMS, 11, 117, 210

Georgia Interactive Network for Medical Information (GaIN), 57

Gesner, Konrad, 585

Getz, M., 543, 545

Gifford, B. R., 6, 23

Gilster, P., 589, 590

Ginn, David S., 3, 180

- Global Access Information Network (GAIN): and rural information access, 669
- Global Jewish Database, 677, 678
- Gluck, E. H., 99, 107
- Gopher, 620, 631, 635, 643, 647, 657
- Gorka, G., 617, 624
- Goudy, Frank W., 491, 493, 498
- Government regulation: and the Internet, 616-618
- GPEP Report. *See* Physicians for the Twenty-First Century
- Graduate Education Position Statement*, 28, 293, 299-302, 311, 332
- Grand Terrace City Hall, 397-398
- GRATEFUL MED, 9, 12, 18, 52, 75, 94, 95-96, 97, 113, 144, 176
- Graves, J., 90, 104
- Green, L. W., 153, 178
- Greenaway, Emerson, 514
- Greenaway Plan, 514
- Greenblatt, E., 184, 194
- Greene, N. M., 102, 104
- Greenes, R. H., 356, 364
- Gregorian, Vartan, 468, 476
- Griffiths, J. M., 29, 43
- Group process surveys: and evaluation of networked information services, 598-599
- Growth costs and libraries, 568-570
- Grumman Aerospace, computing applications at, 698
- Gruppen, L. D., 91, 93, 104
- Gupta, Y. P., 528, 534
- H**
- Hahn, H., 589, 590
- Hall, K., 697, 727
- Halsted, D. D., 99, 104
- Hambleton, Jim, 328-329, 341
- Hannigan, G. G., 53, 59
- Harders, F., 29, 43
- Hardie, E. T. L., 589, 590
- Harlan, W. R., 88, 107
- Harley E. French Library of the Health Sciences (Grand Forks, N.D.): and consumer health information, 167
- Harmon, G., 92, 104
- Harold Washington Library (Chicago, Ill.), 396
- Harvard, John, 468
- Harvard Medical Letter*, 175
- Harvard Medical School: and AIDS information, 192; and medical informatics, 354
- Harvard University: and the Perseus project, 683
- Hayes, Sherman, 370, 404
- Haynes, R. B., 95, 104
- Hazelton, Penny A., 229, 319
- HCFA (Health Care Financing Administration), 69
- Health care administration and library services, 2; communicating the library's role, 72-75; and the health care industry, 66-70; and hospital libraries, 63-66, 70-72; future trends, 77-79
- Health Care Financing Administration (HCFA), 69
- Health care industry: economics of, 66-67, 155; and the quality of health care, 67-68, 70; shifting power structure within, 67; and standards for hospital libraries, 68-70
- Health Crisis Network (Miami, Fla.): and AIDS information, 183
- HEALTH database, 71
- Health Index Plus*, 161, 176
- Health information, types of, 153-154
- "Health Information Knowledge and Skills," 40-42, 358
- Health information professionals, knowledge and skills needed by, 29-31, 40-42
- Health Insurance Association of America: and wellness programs, 155
- Health maintenance organizations (HMOs), 66
- Health Periodicals Database*, 161
- Health Planning and Administration database (HEALTH), 71
- Health Resources and Services Administration (HRSA): and AIDS information, 184; and consumer health information, 156
- Health sciences librarians as educators, 2; and changing health sciences education, 46-48; and changing technology, 50; and continuing education for health care professionals, 48-50, 55-56; and

- library educational programs, 51-55; and medical informatics, 50-51; new roles for, 45-46, 97; roles for hospital librarians, 55-58. *See also* Hospital librarians, Medical librarianship
- Health sciences libraries, 2: economic pressures on, 7-8; effect of the information explosion on, 6, 20; effect of technology on, 6-7, 20; and IAIMS, 13-14; and integrated library systems, 10-11; interlibrary loan and document delivery systems in, 11-13; and the Lister Hill National Center for Biomedical Communications, 10, 18-19; and the National Center for Biotechnology Information (NCBI), 19-20; and the National Library of Medicine Long Range Plan, 15-17; and the National Network of Libraries of Medicine (NNLM), 16-18; and online searching, 8-10. *See also* Hospital libraries, Medical librarianship
- Healthcare Informatics Telecom Network, Inc., 75
- Healthnet, 167
- Healthy America: Practitioners for 2005*, 48
- Healthy People 2000, 154, 173
- Hesley, D. K., 663, 664, 674
- Hennessey, J. V., 51, 60
- Heskett, J. L., 198, 202, 203, 219
- Hicks, Frederick, 322, 341
- High Performance Computing and Communications Act, 22, 118, 591, 623, 627
- Highland Branch Library (Calif.), 397
- Hill, Linda L., 225
- Historical societies: and public libraries, 399
- HIV. *See* AIDS information
- HMOs (health maintenance organizations), 66
- Hockey, Susan, 588, 676, 684, 692
- Holst, R., 67, 71, 78, 81
- Hospital Departmental Profiles*, 72
- Hospital libraries: characteristics of, 64; and consumer health information, 158, 165-166, 172; economic pressures on, 65; influences on the development of, 65; and quality improvement, 76-77; roles for, 70-72; standards for, 68-70. *See also* Health sciences libraries
- Hospital Library Management*, 70, 71
- Hospital Literature Index*, 71
- Houdek, Frank, 321, 341
- H.R. 1757, 623
- H.R. 2639, 623
- H.R. 2772, 623, 627
- HRSA. *See* Health Resources and Services Administration
- Huber, J. T., 189, 194
- Hudson, H. E., 667, 674
- Huff, S. M., 142, 147
- Human Genome Mapping project, 642
- Human resources program. *See* Personnel costs in libraries
- Humanities Computing Yearbook 1989-90: A Comprehensive Guide to Software and Other Resources, The*, 677
- Humphreys, B. L., 128, 129, 139, 144, 147, 148
- Hunter, B., 613, 618, 624
- Hunter, K., 528, 534
- Hurt, C. S., 123, 126
- Huth, E. J., 89, 103, 105
- H.W. Wilson Symposium on the Future of Public Libraries: and rural libraries, 663
- Hypertext: and electronic texts in the humanities, 682
- HYTELNET, 621, 631, 643, 647

I

- IAIMS (Integrated Academic Information Management Systems), 13-15, 50-51, 65, 66, 98, 113-117, 209-210, 355
- Ikeda, N. R., 52, 60
- ILS. *See* Integrated library systems
- Improving Health Professionals Access to Information*, 17
- In-house programs, cost of, 427, 439-440, 445
- In-kind contributions, 430-431
- Index Medicus*, 52
- Index Thomisticus*, 676

- Indiana University School of Library and Information Science: and the emergent market for information professionals, 259, 261, 267-268, 274
- Indirect costs, 430
- Industrial library managers. *See* Corporate librarianship in technical industries
- Industrial Technical Information Managers Group (ITIMG): and library schools, 251, 254
- Industry-University Partnership, 251
- Inflation Measures for Schools and Colleges: 1993 Update*, 500
- Information industry: developments in, 235-237
- Information Infrastructure Task Force (IITF), 623
- Information literacy, 610
- Information management education, 228; and changing technology, 278-279; and the growth of information industry employment, 281-282; and the growth of special library and corporate employment, 280-281; and library and information science education, 287-289; and the mobility of information professionals, 282-284; relationship with business education, 284; relationship with communications, journalism, and media, 285; relationship with computer science, 285
- Information Power: Guidelines for School Library Media Programs*, 613
- Information resource management (IRM): and development of the information utility, 379-384; and integrating the library into the information utility, 385-390; and needs of the knowledge worker, 384-385; and organizational environments, 377-379; vocabulary of, 375-377
- Information resources budget: and the academic library, 490-498
- Information services professional, definition of, 376
- Information skills hierarchy model: and Internet resources, 640-646
- Information Sources Map (UMLS), 19, 139-140
- Information Stat: Rx for Hospital Quality*, 100
- Information technology and libraries, 377-379, 494; and the changing role of the information professional, 626-627
- Information utility, definition of, 376
- Information utility model, 370; benefits of, 387-389; examples of, 381-383; implementation in the library, 385-390; purpose of, 380-381; and the role of the chief information officer, 381-382; and the role of personnel, 382-384
- Informed consent: and consumer health information, 157-158
- INFOSERV online service, 653
- InfoTrac*, 161
- Institut für Deutsche Sprache (Mannheim): and electronic texts in the humanities, 677
- Institute for Research in Social Science's Public Opinion Item Index, 642
- Integrated Academic Information Management Systems. *See* IAIMS, 98
- Integrated Advanced Information Management System. *See* IAIMS
- Integrated Library System, 65
- Integrated library systems (ILS): and health sciences libraries, 10-11
- Interactive Query Workstation, 145
- Interior architecture: and collection formats, 551-552; and electronic equipment, 552-553; and furniture costs, 561-562; and library services, 550-551; and space layout, 549-550, 554-555
- Interior designers: and the facilities planning process, 560
- Interlibrary loan (ILL): and consumer health information, 172; cost of, 426, 437, 439, 440-441, 442, 443, 444, 543; and health sciences libraries, 11-13; and the National Network of Libraries of Medicine (NNLM), 112, 121; and OPACs, 649. *See also* Document delivery services

- Intermediary searching: and health professionals, 94
- International Classification of Diseases, 9th Edition, Clinical Modifications*, 132
- Internet: barriers to use of, 620; and consumer health information, 160; cost of, 480, 482, 486; and education of educators and librarians, 618-620; and educational challenges, 613; effect on educators and librarians, 608-609; and electronic journals in the health sciences, 12-13; and embedding content, 609; and equal access to information, 614-616; and information literacy, 610; and privatization issues, 616-618; and scholarly communication, 492, 495, 496; and technological content, 609; use by aerospace engineers, 702
- Internet Research: Electronic Networking Applications and Policy*, 587
- Internet Resource Guide*, 627
- Internships: and education for corporate librarians, 254-255
- InterStudy, 158
- Interviews: and evaluation of networked information services, 598
- Invisible colleges: and electronic networks, 642
- Iowa State University: technical services costs at, 543
- IRM. *See* Information resource management
- Istituto de Linguistica Computazione (Pisa): and electronic texts in the humanities, 677
- ITIMG (Industrial Technical Information Managers Group): and library schools, 251, 254
- J**
- Jackson, M. E., 628, 636
- JCAHO (Joint Commission on Accreditation of Healthcare Organizations): and hospital library services, 68-70, 74
- Johns Hopkins University. *See* Applied Physics Laboratory Library, Welch Library
- Johnson, P., 651, 659
- Joint Commission on Accreditation of Healthcare Organizations. *See* JCAHO
- Jones, Chris, 56, 60
- Jones, Christane, 100
- Journalism: and library and information science, 285
- Juergens, B., 528, 535
- Jughead, 635
- K**
- Kacena, Carolyn, 371, 524
- Kaiser, Leland, 77, 81
- Kaiser-Permanente Medical Center (Oakland, Calif.): and consumer health information, 169
- Kalin, S. W., 628, 636
- Kascus, M., 493, 498
- Kassirer, J. P., 90, 105
- Katz, H., 86, 104
- Kehoe, B. P., 589, 590, 627, 636
- Kelly, K. S. M., 475, 477
- Kenny, A., 682, 692
- Kent State University: and Internet resources, 644
- Kesner, Richard M., 370, 373
- King, D. W., 29, 43, 99, 105
- Kirby, C. L., 530, 535
- Kirkpatrick, S., 589, 590
- Klein, M. S., 66, 81
- Kling, R., 698, 727
- Knowledge, definition of, 376
- Knowledge Index (Dialog), 9, 94
- Knowledge management, 541
- Knowledge and Skills Task Force Survey: methods, 31-33; objective of, 31; results analysis, 33-37
- Knowledge Sources (UMLS), 19, 120, 121
- Knowledge work, 196-197
- Knowledge worker, definition of, 375, 376; needs of, 384-385
- Kochtanek, T. R., 628, 636
- Koenig, Michael E. D., 228, 277
- Kohl, David F., 496, 498
- Koughan, W. P., 68, 69, 74, 76, 81
- Kovacs, Diane K., 588, 638, 646
- Kristofco, R. E., 56, 60
- Krol, E., 589, 590, 627, 636
- Kumari, L., 185, 195

- L**
- Ladner, S. J., 628, 637
 Lamb, Gertrude, 92
 Langner, M. C., 71, 81
 LaRose, R., 665, 674
 Larsen, R. L., 628, 636
 LATCH (Literature Attached to the Chart), 55, 91, 93-94
 Lauterbach, D., 664, 674
 Law librarianship, 229; *ALL Guidelines for Graduate Programs in Law Librarianship*, 326-330, 338-340; competencies of private sector law librarians, 330-332; continuing education for, 325; future of, 332-336; history of, 319-322; history of education for, 322-326
 Leape, L. L., 100, 102, 105
 Learner, models of, 610-611
 Leist, J. C., 56, 60
 Leonard, Barbara G., 371, 490
 Lester, J., 28, 44
 Leysen, J. M., 90, 106
 Library administration, cost of, 427, 437-438
Library Administration & Management, 415
 Library Administration and Management Association (LAMA), 415, 471
Library and Information Services, 74
 Library automation: benefits of, 527-528; cost of, 371, 480-482, 530-533; impact on academic libraries, 524-527, 528-530
 Library budgets: and changing material formats, 485-487; and dealers and vendors, 483-484; effects of automation on, 480-482; and the library's changing role, 482-483; and personnel considerations, 487-488
 Library of Congress: and Resources for the Blind and Physically Handicapped, 164, 173
 Library price index: and academic library expenditures, 502, 508, 510
 Library Service to Special Populations (ALA): and consumer health information, 161
 Library Services Act, 468
 Library Services and Construction Act, 469
Library's Contribution to Quality: The Bottom Line, The, 75
 LIBS, 643, 647
 Lifelong learning. *See* Continuing education, Continuing education for special librarians
 LINCNET System, 669
 Lindberg, D. A. B., 118, 128, 129, 130, 144, 147, 148
 Line-item budget, 428
 Lipow, A. G., 627, 637
 LIS, 11
 LIS System, 207, 208
 Lister Hill National Center for Biomedical Communications (LHNCBC): 2, 10, 13, 18-19
 Literacy programs: and public libraries, 398-399
Literary and Linguistic Computing, 681
 Literature Attached to the Chart (LATCH), 55, 91, 93-94
 Living Encyclopedia, 586
 LOANSOME DOC, 12, 18, 97, 113
 Local area networks (LANs), 117
 Locke C., 207, 218
 Logsdon, R. H., 72, 81
 Loma Linda Civic Center, 397
 Los Angeles Public Library, 396
 Louis Harris and Associates: and information-seeking patterns of health professionals, 87
 Lowry, Charles, 491, 498
 LSD Hospital, University of Utah: and UMLS, 142
 Lucier, R. E., 541, 546
 Lucker, Jay, 480
 Lynch, C. A., 628, 637
- M**
- Macfarlane, Judy, 228-229, 304
 MacKinnon, D., 628, 637
 Malinconico, S. M., 528, 535, 628, 637
 Maloni, K., 589, 590
 Management of electronic information resources, 645-646
 Mann, T., Jr., 529, 535
 Manning, P. R., 99, 105
 MARC: and electronic formats, 621
 Marginal costs, 430
 Marin County Library, 396

- Marine, A., 589, 590
- Markup: and electronic texts in the humanities, 683-685. *See also* SGML
- Marshall, Joanne G., 2, 75, 81, 83, 92, 95, 99, 100, 105, 170, 178
- Martin, Murray S., 369, 371, 491, 498, 564
- MaryMED, 9
- Master of Business Administration (MBA): and librarians, 416
- Master of Library Science (MLS): and education for corporate librarianship, 267-268, 273, 291-292
- Masys, D. R., 139, 140, 148
- Matarazzo, James M., 75, 81, 228, 290, 291, 292, 295, 296, 297, 303
- Matheson, Nina W., 3, 29, 43, 66, 81, 114, 125, 196
- Mayada, T. A., 85, 105
- Mayfield, M. Kent, 2, 25, 30, 43
- Mayo Clinic Health Letter*, 175
- McClure, Charles R., 587, 591, 628, 637, 664, 674
- McCook, K., 664, 674
- McDaniel, Julie A., 588, 638
- McGill University (Montreal, Quebec): Graduate School of Library and Information Studies, 305, 306, 315, 316-317
- McMaster University, School of Medicine: and medical librarianship, 351
- Medicaid, 69, 155
- Medical Data Exchange (MDX)*, 161
- Medical Education in the Information Age*, 29, 47-48
- Medical informatics: academic models of, 354; career paths in, 356-357; definition of, 354; funding of, 355; graduate program curricula in, 356; and health sciences education, 47, 48; and health sciences libraries, 50-51; journals of, 355; short courses on, 356
- Medical information dissemination, 3; and the electronic journal, 121-123; and IAIMS, 113-117; and a model of biomedical communication, 110-111; and the National Network of Libraries of Medicine, 111-113; and the National Research and Education Network (NREN), 117-119; and UMLS, 119-121. *See also* AIDS information, Clinical information, Consumer health information dissemination
- Medical Information System (MIS), 49
- Medical Information System via Telephone (MIST), 49
- Medical librarianship, 229-230; administrative support roles, 353; clinical information specialists, 351-353; continuing education for, 359; doctoral research in, 345-348; effect of changing medical education on, 350-351; employment sites for medical librarians, 342-343; expected competencies, 29-31, 40-42, 358; medical informatics, 354-357; present educational practice, 344-345; reformation of medical library education, 357-360; success factors for health sciences information education, 349-350. *See also* Health sciences librarians as educators, Health sciences libraries, Hospital libraries
- Medical Library Assistance Act (MLAA), 111, 112
- Medical Library Association (MLA): Ad Hoc Committee on Professional Development, 30; and consumer health information, 161, 162-163, 164; and hospital libraries, 64; and the Knowledge and Skills Task Force Survey, 2, 31-42; and *The Library's Contribution to Quality: The Bottom Line*, 75; *Platform for Change: The Educational Policy Statement of the Medical Library Association*, 357, 358, 359, 360; role in the education of health sciences information professionals, 26-27, 30-31; and standards for hospital libraries, 68
- Medical Subject Headings (MeSH)*: and AIDS information, 187-188; use in UMLS, 119, 131, 132, 133, 134, 140, 143
- Medical Trends for Older Adults*, 175

- Medicare, 67, 69, 155
Medicare Provider Reimbursement Manual, 155, 173
 MEDINFO, 167
 MEDLARS, 9, 207
 MEDLEARN, 94
 MEDLINE: and AIDS information, 188, 189; and consumer health information dissemination, 176; effect on health sciences libraries, 6-7, 8-10; and end-user searching, 94, 96, 97; and the Georgia Interactive Network for Medical Information, 57; and health sciences librarians, 199; and hospital libraries, 65; Medline Button, 145; Mini-MEDLINE, 9, 207; and the National Network of Libraries of Medicine (NNLM), 16-17; and UMLS, 135, 144, 145; use by medical students, 51
MEDLINE and Beyond: Survival Skills for Information Management, 205
 MEDNET: and rural information access, 669
 MELVYL, 655
 Memex, 109
Mendelian Inheritance in Man, 209
 Menzel, H., 85, 86, 102, 104, 105, 106
Merck Manual, 161
 Merz, R. B., 135, 149
 Messerle, J., 30, 43, 67, 81
 MetaCard, 145
 Metathesaurus (UMLS), 19, 120, 121; building of, 132-134; evaluation of, 141-142; future developments for, 142-143; purpose of, 131-132; use data in, 134-135
 Mettler, J., 665, 674
 Metz, Paul, 491
 Micro-OCP, 678, 685, 691
 Miller, D., 462, 464, 465-466
 Miller, P. L., 135, 140, 145, 149, 150
 MIS (Medical Information System), 49
 MIST (Medical Information System via Telephone), 49
 Mitchell, B. J., 543, 546
 Mitchell, M., 650, 659
 MLA. *See* Medical Library Association
 MLAA (Medical Library Assistance Act), 111, 112
 Moen, W. E., 628, 637, 664, 674
 Molholm, K. N., 698, 728
 Monograph expenditures: in academic libraries, 504-506, 511
 Monterey County (Calif.): and cost analysis study at public libraries, 422, 425-427, 434-445
 Morris, D. E., 543, 546
 Mosaic, 589, 622
 Mosco, V., 616, 624
 Mosteller, F., 682, 692
 Mueller, D. A., 86, 90, 107
 Mulder, C. A., 640, 647
 Mumma, P. S., 665, 674
 MURL (Metropolitan Urban Resource Libraries) grants: and public library funding, 402
 Myller, L., 516, 523
- N
- NAIC (National AIDS Information Clearinghouse), 175, 192, 193
 NASA (National Aeronautics and Space Administration): and the Aerospace Knowledge Diffusion Project, 698
 National Agricultural Library (NAL): and consumer health information, 164; and rural libraries, 663
 National AIDS Information Clearinghouse (NAIC), 175, 192, 193
 National Biomedical Serials Holdings Database. *See* SERHOLD
 National Cancer Institute: and consumer health information, 160, 175
 National Center for Biotechnology Information (NCBI), 19-20
 National Center for Health Statistics (NCHS): and consumer health information, 176-177
 National Commission on Libraries and Information Science: and rural information access, 666
 National Coordination Office for High Performance Computing, 118
 National Council on Aging (NCOA), 160
 National Health Interview Survey, 177

- National Information Infrastructure (NII), 623, 666, 670, 695, 715
National Information Infrastructure: Agenda for Action, 591, 615, 623
 National Institute of Aging (NIA), 160
 National Institutes of Health (NIH): and consumer health information, 156
 National Library Act, 402
 National Library of Medicine (NLM), 2; and AI/COAG, 98; and AI/RHEUM, 98; and *AIDS Bibliographies*, 185; and AIDSLINE, 186; and *The Basics of Searching MEDLINE*, 94; and the COACH expert system, 120; and consumer health information, 160, 173; and DBIR, 164; and DIRLINE, 164, 176; and funding of medical librarian education and research, 355, 359; and GRATEFUL MED, 96-97; and the High Performance Computing and Communications (HPCC) Program, 118; and IAIMS, 13, 50-51, 66, 98; and *Information Stat: Rx for Hospital Quality*, 100; and integrated library systems, 10-11; and inter-library loan, 11-13; and the Lister Hill National Center for Biomedical Communications, 18-19; and the National Center for Biotechnology Information (NCBI), 19-20; and the National Network of Libraries of Medicine (NNLM), 16-17, 65; and the NLM Long Range Plan, 15-16, 29, 128; Outreach Planning Panel, 113; and the UMLS, 119, 128, 129, 130, 143, 144
 National Network of Libraries of Medicine (NNLM), 2; and consumer health information, 173; evolution of, 16-18; and inter-library loan, 11-13; objectives of, 111-112; programs and services, 112-113; structure of, 112
National Newspaper Index: and consumer health information, 160, 161
 National Research and Education Network (NREN), 22, 117-119, 591, 627, 638, 650, 664, 668, 695, 715
 National Science Foundation: and the *Internet Resource Guide*, 627, 637; and NSFNET, 118
 National Technical Information Service (NTIS): and consumer health information, 177
 National Vaccine Information Center (Vienna, Va.): and consumer health information, 157
 Natural Language Systems Program, 143
 NCBI (National Center for Biotechnology Information), 19-20
 NCHS (National Center for Health Statistics): and consumer health information, 176-177
 NCOA (National Council on Aging), 160
 Needs assessment: and the library's mission, 473
 Nelson, S. J., 139, 145, 149
 Neou, V., 589, 590
 Network-based data collection: and evaluation of networked information services, 597-598
 Network resources: and librarians' role, 639-646; and traditional sources, 639, 641; and user education, 641, 643
 Networked information services, evaluation of, 591-607
 Networking: and law libraries, 331; literature on, 627-628
 Networking education in library schools, survey of, 626-637
 Neufeld, V. R., 85, 92, 106
 Neuman, B. C., 620, 621, 624
 New Deal: and public libraries, 468
New Oxford English Dictionary, 678, 686
 New York Academy of Medicine: and information-seeking patterns of health professionals, 87-88
 New York Hospital—Cornell University Medical Center: end-user searching at, 95
New York Native, The, 185
 New York State Library School (Albany): and law librarianship, 323
 Newsletters: and AIDS information, 189; and consumer health information, 175

- Newspapers: and consumer health information, 160-161, 175
- NIA (National Institute of Aging), 160
- Nickerson, G., 628, 637
- Nicomachean Ethics*, 682
- Nielsen, B., 571, 578
- NIH. *See* National Institutes of Health
- Nioga Library System (N.Y.): and consumer health information, 165
- NLM. *See* National Library of Medicine
- Nolan, R. L., 198, 219
- Noll, Roger, 502, 513
- Non-Tax Sources of Revenue for Public Libraries*, 471
- North Carolina Information Network, 669-670
- Northeast Regional Center for Rural Development: and rural libraries, 663
- Northrup, D. E., 86, 106
- Northwestern National Life Insurance Co.: and health care initiatives, 155
- Northwestern University, microcomputer instruction at, 53
- Notess, G., 628, 637
- NOTIS: and online approval systems, 654
- Novack, D., 296, 303
- Novice-to-expert model of the learner, 610
- NREN. *See* National Research and Education Network
- NTIS Bibliographic Database: and consumer health information, 177
- O**
- Oakley, Robert, 328, 341
- Ober, J., 627, 637
- Oberg, L., 544, 546
- Observation techniques: and evaluation of networked information services, 600
- Occupational Outlook Handbook 1990-1992, The*, 259, 275
- OCLC: cost of, 480, 483, 484; effect on health sciences libraries, 10; and *The Online Journal of Current Clinical Trials*, 122
- OCLC Union List Subsystem, 12
- OCTANET, 12
- Oddan, L., 65, 82
- Office of Disease Prevention and Health Promotion (ODPHP), 154, 156, 176
- Office of Technology Assessment (U.S. Congress): and rural information access, 666-667
- Ogden, John E., 371, 499
- Ohio State University: and health sciences education, 54
- OhioLINK, 496, 655
- OMIM (Online Mendelian Inheritance in Man), 204, 208-209
- Online Journal of Current Clinical Trials, The*, 13, 97, 122
- Online Mendelian Inheritance in Man (OMIM), 204, 208-209
- Online public access catalogs (OPACs): and facilities planning, 548; and collection development, 655; use by aerospace engineers, 703
- Online searching: and health sciences libraries, 8-10
- Onondaga County Public Library (N.Y.): and consumer health information, 165
- Ontario public libraries: and consumer health information, 170-171
- OPACs. *See* Online public access catalogs
- Open Systems Interconnection Standard, 134
- Operating budget. *See* Enhanced operating budget
- Operating costs in libraries, 429
- Optical character recognition (OCR), 680-681
- Osheroff, J. E., 89, 102, 106
- Outreach Planning Panel (NLM), 113
- Overlook Hospital (Summit, N.J.): and consumer health information, 166
- Oxford Concordance Program (OCP), 678, 685
- Oxford Text Archive (OTA), 678
- P**
- Packard Humanities Institute (PHI): and Classical Latin electronic texts, 678

- Packer, D., 491, 498
 PACS-L, 122
 Page, M., 628, 637
 Panel of the General Professional Education of the Physician (GPEP) and College Preparation for Medicine. *See Physicians for the Twenty-First Century*
 Pantell, R. H., 88, 97, 103
 Paperchase, 9, 94
 Parboosingh, J., 87, 106
 Paris, Marion, 230, 231
 Parker, E. B., 667, 674
 Pasadena Public Library (Calif.), 401
 Pastine, Maureen, 371, 524
 PAT, 691
Patrologia Latina, 679
PDQ (Physician's Data Query): and consumer health information, 160, 172, 176
PDR (Physicians' Desk Reference), 161
 Pelzer, N. L., 90, 106
 Pennsylvania AIDS Education and Training Center, 184
 Perry, C. A., 98, 106
 Perseus, 682-683
 Personnel costs in libraries, 317, 487-488, 537-546
 Peterborough Town Library (N.H.), 468
 Pew Commission: and health sciences education, 48
 Phelps, D., 543, 545
 PHILSOM (Periodical Holdings in Libraries of Schools of Medicine), 207
Physicians' Current Procedural Terminology, 132
Physician's Data Query (PDQ): and consumer health information, 160, 172, 176
Physicians for the Twenty-First Century, 10, 29, 47, 53
 Pittsburgh AIDS Task Force: and AIDS information, 188
 Pizer, Irwin, 207
 P.L. 102-194, 591
 Planetree Health Resource Center (Calif.): and consumer health information, 166-167
Platform for Change: The Educational Policy Statement of the Medical Library Association, 2, 27, 40-42, 357, 358, 359, 360
 Poisson, E. H., 95, 106
Policy Statement on Graduate Education. *See Graduate Education Position Statement*
 Polly, J. A., 628, 637
 Poole, C., 74, 80
Position Statement on Graduate Education. *See Graduate Education Position Statement*
 Powsner, S. M., 145, 150
 PPOs (preferred provider organizations), 66
 PPS (prospective payment system), 67
 Prabha, Chandra, 371, 499
Practical Approval Plan Management, 515
 Prahlad, C. K., 521, 522, 523
 Pratt, Enoch, 468
 Preferred provider organizations (PPOs), 66
 PREPS (Professional Recruitment, Ethics and Professional Standards) Commission, 293-294, 308, 311-312, 313
 Presidential Study Commission. *See* PREPS Commission
 Preston, C. M., 628, 637
Prevention Report, 154, 175
 Price, D. J. de S., 6, 24
 Price, Jack A., 227, 249
 Price, Miles O., 323
Principles of Ambulatory Medicine (PAM), 204
 Print model: and regulation of the Internet, 617
 Privatization of the Internet, 616-618
 Problem-based learning (PBL): and health sciences education, 47, 48, 54, 350-351
 Problem-solving: and education for corporate librarianship, 245-246
 Prodigy, 631
 Productivity in libraries, 201-202
 Professional development for special librarians. *See* Continuing education for special librarians
 Professional Recruitment, Ethics and Professional Standards (PREPS) Commission, 293-294, 308, 311-312, 313

- Program budget: description of, 428; development of, 434-440; and output measures analysis, 440-445
- Project Enlighten, 650
- Project GAIN (Global Access Information Network): and rural information access, 669
- Project Gutenberg, 650
- Project Inform (San Francisco): and AIDS information, 190
- Prospective payment system (PPS), 67
- Prospero, 621
- Protti, D. J., 29, 43
- Psychtopix, 145
- Public-Access Computer Systems Review, The*, 122
- Public Health Service (PHS), 152, 156, 175
- Public libraries: and approval plans, 518; as community centers, 370, 395-403; and consumer health information, 164-165, 172; and fee-based services, 481; fund-raising in, 471; history of, 468-469; influences on, 469; and the Internet, 614, 628
- Public relations: and fund-raising in libraries, 475
- Public space in libraries, cost of, 427, 432
- Putnam, R. W., 87, 104
- Q**
- Q & A (Questions & Answers) system, 135
- Quality filtering and critical appraisal of literature: and health professionals, 92, 97
- Quarterman, J. S., 589, 590
- R**
- Rachowitz, B. I., 698, 728
- Raelin, J. A., 542, 546
- Raising Money for Academic and Research Libraries*, 468
- Rankin, Jocelyn A., 2, 45
- Raven Study: and consumer health information, 167-170, 173
- RBRVS (resource-based relative-value scale), 67
- RECBIR (Regional Coordination of Biomedical Information Resources), 113
- Rees, Alan, 164
- Reference services: competitive strategies for, 206; cost of, 425-426, 438-439, 442, 443
- Reference services and the Internet, 649; and analysis of users' needs, 643; and a discipline's information structure, 642; and identifying resources, 641-642; and information evaluation, 644-645; and information management, 645-646; and information retrieval, 643-644; and the information skills hierarchy model, 640
- Regional AIDS Education and Training Centers (E.T.C.s): and AIDS information, 184
- Regional Coordination of Biomedical Information Resources (RECBIR), 113
- Regional Medical Library Network. *See* National Network of Libraries of Medicine
- Remote log-in: use by aerospace engineers, 703
- Rennels, G. D., 98, 106
- Renner, C., 543, 546
- Report from the Presidential Study Commission on Professional Recruitment, Ethics and Professional Standards. See* PREPS Commission
- Research and Clinical Trials database, 191
- Research and development: in the for-profit sector, 461; in libraries, 370, 461-466; and the transitional library model, 453
- Research Libraries Group (RLG): and ARIEL, 121-122; and the Conspectus Project, 496; and the cost of interlibrary loan, 543
- Resmer, Mark, 647
- Resource-based relative-value scale (RBRVS), 67
- Resource sharing: and academic libraries, 495-496; cost of, 480
- Resources for the Blind and Physically Handicapped, 164, 173

- Responsa Project, 677
 Responsibility: and information technology, 612-614
 Revenue budget, 428-429
 Rhode Island Hospital: and IAIMS, 66, 115
 Ricking, M., 543, 546
 Riverside (Calif.) City and County Public Library, 399
 Roach, A. A., 99, 106
 Roberts, S., 185, 195
 Robinson, Barbara M., 420
 Robinson, Kara, 646
 Robinson, Sherman, 420
 Roderer, Nancy K., 3, 108
 Rogers, C. R., 45, 60
 Rogers, E. M., 86, 106
 Rogers, Frank B., 207
 Rogers, S. J., 123, 126
 Roper, Fred W., 2, 25, 30, 44
 Rosary College: and networking education, 628
 Rose, M. T., 589, 590
 Rothenberg, L. B., 543, 546
 Rural Area Networks (RANs), 667
 Rural Datafication Conference, 615
 Rural librarians, education of, 670-673
 Rural libraries: information needs of, 663-664; and telecommunications technology access, 664-668
 Rush, James E., 527-528, 529, 535
 Rutgers Inventory of Machine-Readable Texts in the Humanities, 689
 Rutten, P., 589, 590
 Ryan, J., 628, 637, 664, 674
- S**
- S. 2813, 627
 SAIL (System for Automated Inter-library Loan), 13, 18
 Salasin, J., 90, 106
 San Bernardino County Library, 397, 400
 San Diego Public Library, 399
 San Francisco AIDS Foundation: and AIDS information, 191
 San Francisco General Hospital: and AIDS information, 190
 San Francisco Public Library, 396
 Saunders, L. M., 650, 659
 Sayre, Jean Williams, 2, 45
 SCAMC (Symposium on Computer Applications in Medical Care), 349, 354, 357, 360
 Scenario development: and evaluation of networked information services, 599-600
 Schatz, B. R., 123, 126
 Schlesinger, L. A., 198, 202, 203, 219
 Schloman, Barbara F., 588, 638, 640, 647
 Scholarly communication: and academic libraries, 494-495; and the Internet, 586, 649, 651; effects of technology on, 467
 Schoolman, Harold M., 1, 2, 4
 Schwartz, D. G., 51, 52, 60
 Schwartz, S. A., 51, 60
Science Since Babylon, 6
Scientific American Medicine, 161
 Scott, Peter, 646
 Scura, G., 99, 106
 SEFAIN (Southeast Florida AIDS Information Network), 191
 Selective Dissemination of Information (SDI), 518-519
 Selector's workstation, 653
 Self, P. C., 189, 195
 Self-help groups: and consumer health information, 176
 Semantic File System, 620
 Semantic Network (UMLS), 19, 120, 135-138
 Sengupta, I. N., 185, 195
 Senkevitch, Judith J., 588, 661
 SERHOLD, 12, 112
 Serial expenditures: in academic libraries, 492, 503-504, 509-510, 511
 SERLINE, 12
 Service Providers Information Network (SPIN): and AIDS information, 192
 Sewell, W., 95, 106
 SGML (Standard Generalized Markup Language), 685-687
 Shakespeare: electronic versions of, 642, 679
Shaping the Future, 30,
 Shaughnessy, T. W., 651, 659
 Shepherd, L., 185, 195
 Shera, Jesse, 475, 477
 Sherertz, D. D., 132, 133, 150
 Sherrington, A. M., 85, 107

- Shortliffe, E. H., 98, 106, 356, 364
 Simmonds, C., 628, 637
 Site visits: and evaluation of networked information services, 599
 SLA. *See* Special Libraries Association
 Smith, E., 651, 660
 Smith, R. A., 586, 590
 SNOMED (*Systematized Nomenclature of Medicine*), 132
 Snyder, C. A., 543, 546
 Society of Automotive Engineers (SAE): and the aerospace engineering network use study, 700
 Southeast Florida AIDS Information Network (SEFAIN), 191
 Southwest Missouri State University: and online approval systems, 654
 Special librarianship in Canada: and competencies of health information science graduates, 29; and consumer health information, 170-171; education for, 288-299, 304-318
 Special libraries, characteristics of, 280, 291, 299-300; and information technology, 662
 Special Libraries Association (SLA): and consumer health information, 162; and continuing education, 228, 294-297, 312-313; *Graduate Education Position Statement*, 28, 293, 299-302, 311, 332; and law librarianship, 325; and library school graduate competencies, 308, 309-312; Professional Recruitment, Ethics and Professional Standards (PREPS) Commission, 293-294, 308, 311-312, 313
 SPECIALIST, 143, 144
 Specialized biomedical information. *See* AIDS information
 Sperzel, D. W., 132, 133, 150
 SPIN (Service Providers Information Network): and AIDS information, 192
 Spyers-Duran, Peter, 527, 536
 Squires, Steven J., 3, 127
 St. Clair, Guy, 293, 310, 311
 St. George, Art, 647
 St. Joseph's Hospital (Denver, Colo.): and consumer health information, 166
 Standard Generalized Markup Language. *See* SGML
 Standards for Accreditation of Master's Programs in Library and Information Studies, 270, 308, 310
 Standards for hospital library services, 68-70
 Stanford University, materials expenditures at, 502
 State of Change, A: *California's Ethnic Future and Libraries*, 399
 State Library of Maine: and rural libraries, 663
 State University System (SUS) (Florida), 655
 Steele, V., 473, 474, 477
 Stevens, S. R., 65, 82
 Stiffler, Michael, 227, 257
 Stinson, E. R., 86, 90, 107
 Storefront libraries, 396
 Strasser, T. C., 86, 107
 Strategic budgeting, 370
 Strategic planning in libraries: definition of, 375, 376-377; identifying products and services, 422-425; and the library's mission, 472; and networked information services, 604-606; and personnel costs in libraries, 538; purpose of, 421
 Strategic Visions Steering Committee, 540
 Strategy-making activities: definition of, 461-462; in academic libraries, 464-466
 Straub, D. W., 198, 219
 Stritter, F. T., 618, 624
 Stross, J. K., 88, 107
 Study Group on MLA's Role in the Educational Process for Health Sciences Librarians, 30
 Summers, E. G., 90, 107
 SUNY Network, 207
 Survey of Health Sciences Libraries in Hospitals, 1989: *Executive Summary*, 64
 Surveys: and evaluation of networked information services, 601
 Swan, James, 472, 477
 Symposium on Computer Applications in Medical Care (SCAMC), 349, 354, 357, 360
 System for Automated Interlibrary Loan (SAIL), 13, 18

System of Professions: An Essay on the Division of Expert Labor, The, 93, 103, 225-226, 231

Systematized Nomenclature of Medicine (SNOMED), 132

T

Tabula rasa model of the learner, 610

TACT, 678, 685, 691

Taylor, C. R., 89, 90, 107

Taylor, D. C., 571, 578

Taylor, Robert S., 28, 44, 230, 231

Tchobanoff, James B., 227, 249

Teamwork: and the transitional library model, 454-455

Tebbetts, D. R., 544, 546

Technical industries librarianship. *See* Corporate librarianship in technical industries

Technical services, cost of, 543

Technological content: and the Internet, 609

Technology and libraries, cost of, 415, 525, 526, 540-541. *See also* Information technology and libraries

Tees, Miriam, 228-229, 291, 292, 297, 303, 304, 308, 312, 318

TEI (Text Encoding Initiative), 686-689

Teitelbaum, S., 95, 106

Telecommunications and Information Infrastructure and Public Broadcasting Facilities Assistance Act, 623

Telecommunications technology: and rural areas, 664-668

Telephone network: and rural information access, 665, 666

Tennant, R., 627, 628, 636, 637

TeX, 685

Texas Tech: and health sciences education, 54; and the MEDNET project, 49

Texas Woman's University: and medical librarianship, 349

Text Encoding Initiative (TEI), 686-689

Text retrieval: and electronic texts in the humanities, 681-682

The Universities Licensing Program (TULIP), 13, 656

Thesaurus Biomédical Français/Anglais, 143

Thesaurus Linguae Graecae (TLG), 678, 680, 685

Tillman, H. N., 628, 637

Tornatzky, L. G., 609, 625

Total quality management (TQM): and health care administration, 56, 70, 78, 390, 392, 405-406, 456-457, 542

Trade publishers: and publisher-direct plans, 516-517

Transitional library budget, 457-458

Transitional library model, 370; description of, 451-457; reasons for, 449-451

Trésor de la Langue Française (Nancy): and electronic texts in the humanities, 677

TROFF, 685

Tufts University Diet and Nutrition Newsletter, 175

TULIP (The Universities Licensing Program), 13, 656

Tulsa City-County Library (Okla.): and the Raven Study, 169

Turkle, S., 610, 625

Tuttle, M. S., 132, 133, 150

Tyckoson, D., 527, 536

U

UMLS, 3; development of, 119-121, 129-131; Information Sources Map, 139-140; Knowledge Sources, 19, 120, 121; Metathesaurus, 120, 121, 131-135, 141-143; and the NLM, 355; projects using UMLS, 143-145; purpose of, 18-19, 98, 128-129; and semantic locality, 138-139; Semantic Network, 120, 135-138

UnCover Inc., fees for, 480

Unified Medical Language System. *See* UMLS

Universal Medical Device Nomenclature System (ECRI), 142

Université de Montreal, Ecole de bibliothéconomie et des sciences de l'information, 305, 306, 315, 316-317

Universities Licensing Project, 13, 656

University of Alabama: and medical librarianship, 349; and MIST, 49

- University of Alberta, School of Library and Information Studies, 305, 315, 316-317
- University of British Columbia (Vancouver, British Columbia): School of Library, Archival and Information Studies, 305, 315, 316-317
- University of Calgary: and medical informatics, 48; and MIS, 49
- University of California at San Francisco: and AIDS information, 190
- University of California—Los Angeles: and AIDS information, 189; and bibliographic instruction, 54
- University of Connecticut Health Center Library: and consumer health information, 167
- University of Houston Libraries: and *The Public-Access Computer Systems Review*, 122
- University of Illinois: and medical librarianship, 349, 351
- University of Illinois at Chicago: and consumer health information, 165, 167, 171
- University of Illinois at Peoria, Department of Medicine: and health sciences education, 53
- University of Iowa: cost studies at, 543; strategic planning at, 538-539
- University of Maryland at Baltimore: and integrated library systems, 11, 14; and UMLS, 121
- University of Miami, School of Medicine: and library instruction, 54
- University of Missouri—Kansas City: medical education at, 48,
- University of Nebraska, McGoogan Library of Medicine: and consumer health information, 167
- University of New Mexico: and problem-based learning, 54
- University of North Texas: and medical librarianship, 349
- University of Pittsburgh: and medical librarianship, 349
- University of Rochester: and MEDLINE instruction, 52
- University of Southern California, document delivery service at, 204
- University of Tennessee—Memphis: and teaching information skills, 54
- University of Toronto: Faculty of Library and Information Science, 305, 306, 315, 316-317; and medical librarianship, 349
- University of Utah, Eccles Health Sciences Library: and IAIMS, 210
- University of Utah, LSD Hospital: and UMLS, 142
- University of Washington: and IAIMS, 117, 210; and law librarianship, 323
- University of Western Ontario: and medical librarianship, 349; School of Library and Information Science, 305, 306, 315, 316-317
- University of Wisconsin—Milwaukee: and education of rural librarians, 671-673; and medical librarianship, 349
- UNIX: and electronic texts in the humanities, 679
- U.S. National Commission on Libraries and Information Science: and rural information access, 666
- USENET, 618
- User-based evaluation of networked information services: criteria for, 595; effective strategies for, 601-604; reasons for, 593-594; and strategic planning, 604-606; techniques of, 595-601. *See also* Evaluation of electronic information resources
- User logs: and evaluation of networked information services, 597
- User responsiveness: and the transitional library model, 453-454
- Utopian Health Information Network, 168-169, 173

V

Value-Added Processes in Information Systems, 28

Value maintenance and libraries, 574-576

- Valuing Corporate Libraries*, 75
 Van Fleet, C., 469, 476
 Variable costs, 429
 Vavrek, B., 663, 664, 666, 675
 Veaner, A., 544, 546
 Veenstra, R. J., 99, 107
 Vendors: and electronic sources, 631, 653-654; and library budgets, 406-408, 483-485
 Veronica, 589, 635
 Veterans Administration Medical Center (Biloxi, Miss.): and clinical information delivery, 100; and continuing education of physicians through library services, 353
 Virginia Polytechnic Institute and State University: and rural information access, 668
 Virtual library concept, 6, 11, 22, 164, 369, 420, 650-651
Virtual Library: Visions and Realities, The, 369
 Visible Human Project, 18, 19
VU-Text, 161, 176
- W**
- Wade, J., 185, 195
 Wakeley, P. J., 64, 74, 79, 80, 82
 Walker, Thomas D., 585
 Walker, W. D., 65, 82
 Wallace, D. L., 682, 692
 Ward, C., 589, 590
 Warner, H. R., 142, 147
 Warzala, Martin, 371, 514
Washington Post, Tuesday Health Section, 175
 Washington University (St. Louis, Mo.): and integrated library systems, 11
 Weinberg, A. D., 88, 107
 Weise, Frieda O., 2, 5
 Weissburg, C., 77, 82
 Welch Library, 3; bibliographic instruction at, 205; document delivery service at, 204; and IAIMS, 209-210; reference services at, 206
 WELCH workstation: databases menu, 211-213; expertise menu, 213-214; publishing menu, 216-217; tools menu, 214-216
Wellness Letter, 175
 Wells, H. G., 585, 586, 589, 590
 Welsch, E. K., 653, 660
 West, P., 620, 625
 Western Montana College: and rural information access, 669
 Westin, A. F., 666, 675
 Wetherbe, J. C., 198, 219
 White, Herbert S., 73, 82, 230, 231, 571, 578
 Wide Area Information Servers (WAIS), 620, 631, 643, 657
 Wide area networks (WANs), 117-118
 Wilkinson, K. P., 663, 675
 Williams, Joan Frye, 528, 529, 536
 Williamson, J. W., 88, 89, 107
 Willner, Richard A., 227, 232, 284, 289
 Willow interface, 210
 Wilson, S. R., 99, 107
 Wittig, Constance, 588, 626
 Wolfram, P. A., 65, 82
 Wolfram, Dietmar, 588, 626, 661
 Wood, E. H., 54, 61
 Woodsworth, A., 28, 44, 85, 106
 Woolf, S. H., 88, 107
 WordCruncher, 678, 685
 WordPerfect: and electronic document markup, 685
 Works Progress Administration: and public libraries, 468
 World brain, 585, 586
 World Encyclopedia, 585
 World Wide Web, 622, 657
 Wos, M., 65, 82
 Wright, Judith, 326
 Wright State University: and OCLC cataloging, 483
- Y**
- Yale University: and IAIMS, 117
 YBP Folio (Yankee Book Peddler), 654
 Young, M. N., 99, 103
- Z**
- Zeeman, J., 628, 637
Zen and the Art of the Internet: A Beginner's Guide, 627
 Zhou, Yuan, 588, 648
 Zielstorff, R. D., 141, 151
 Zuboff, S., 611, 612, 613, 625