A	ALA, see American Library Association
	ALISE, see Association for Library and
AACR2, see Anglo-American Cataloguing	Information Science Education
Rules, Second Edition	American Association for the Advancement
Abstracting	of Slavic Studies, 243–244
Chinese library services and, 121, 125,	American Council of Learned Societies,
127, 131	scholarly vocation and, 34, 47, 50,
Latin American collections and, 248	52, 61
Academic libraries	American Council on Education, scholarly
area studies in U.S. libraries and, 267	vocation and, 34, 38, 53
Latin American collections and, 251	American Library Association
Academy of Sciences Library, area studies in	ethnic libraries and, 78, 81, 84, 88
U.S. libraries and, 243	scholarly vocation and, 55-57
Accumulative advantage, scholarly vocation	transfer of library skills and, 3
and, 43, 46	AMIGOS, network governance and, 164, 169
ACE, see American Council on Education	Anglo-American Cataloguing Rules, Second
ACLS, see American Council of Learned	Edition (AACR2)
Societies	Chinese library services and, 126
Acquisition, area studies in U.S. libraries and,	online searching and, 176, 194
238	Applied research, scholarly vocation and, 35
African collections, 253–255	Archives
East Asia collections, 273	Chinese library services and, 112–114,
East European collections, 239–242	133, 141
Latin American collections, 245,	organizing material, 125, 127–128
248-249, 251-252	provision of information, 123-124
Middle East collections, 259–260	online searching and, 226
South Asia collections, 262, 264–266	Area studies in U.S. libraries, 237–238
Addresses, online searching and, 211	African collections, 252–255, 258
Administrative Bureau for Library Services,	automation, 256–257
Chinese library services and, 108–109	cooperation, 255–256
Adult education	scholarship, 257–258
Chinese library services and, 117	East Asia collections, 267–270
ethnic libraries and, 82	bibliographic control, 271–272
Advisory committees, network governance	development, 270-271
and, 169–170	dissemination, 272–273
Affiliation, scholarly vocation and, 45–46	future trends, 273
African collections, area studies in U.S.	East European collections, 239–245
libraries and, 252–258	Latin American collections, 245, 251–252
African Reference Works, 256	cooperation, 248–250
African Studies Association, 255	growth, 250-251
Agency for International Development,	organization, 245–246
African collections and, 253	research, 246–248

Basic research, scholarly vocation and, 35 Middle East collections, 258-261 Slavic collections, 239-245 Beijing Document Services, 129 Best match searching, 215-217, 219 South Asia collections, 261–267 Asia, see East Asia collections; South Asia Bias, online searching and, 185-187 collections Bibliographic utilities Asian Americans, ethnic libraries and, 97-98 area studies in U.S. libraries and, 238 East Asia collections, 272 Association for Library and Information Science Education, scholarly vocation East European collections, 239, 242 Latin American collections, 250-251 Association of College and Research online searching and, 194 Libraries, East European collections Bibliography area studies in U.S. libraries and and, 243-244 Association of Research Libraries, area African collections, 254, 256 studies in U.S. libraries and, 243, 250, East Asia collections, 269-270, 272-273 Associative searching, 204 East European collections, 239, 243 Australia, Chinese library services and, Latin American collections, 245–251 142-144 Middle East collections, 260-261 Authoritative headings, online searching South Asia collections, 262, 265 Chinese library services and, 118, 143 Authority, network governance and, 161, automation, 129-131 167 organizing material, 125-126 **Authority control** provision of information, 120, 122-123 online searching and, 206 ethnic libraries and, 82 transfer of library skills and, 8, 18-19 network governance and, 157, 160 Authority records, online searching and, online searching and, 176-178 176, 226-227 database layer, 193-195, 197, 200, database layer, 205, 209-212 202-206 DBMS interface layer, 219 DBMS interface layer, 219 Automation DBMS layer, 211, 215-217 area studies in U.S. libraries and, 242, 248, future, 226-228 256-257 special indexes, 209-210 Chinese library services and, 128-132, structure, 190-192 137-138, 143 user interface layer, 220, 222 users, 178, 183-184, 186-187, 190 organization, 109, 111 organizing material, 126 scholarly vocation and, 32 professional organizations, 113 transfer of library skills and, 16, 18, 20 provision of information, 120 Bibliography and Documentation network governance and, 162 Committee, East European collections online searching and, 175-176 and, 243-244 transfer of library skills and, 15 BiblioMac, online searching and, 222 BIRD, East European collections and, 242, В Blind references, online searching and, 201 Book exchanges, Chinese library services Backlog, area studies in U.S. libraries and, and, 141 Book famine, African collections and, East European collections, 240, 242 Latin American collections, 250-251 257-258

BOOK HOUSE, online searching and, 210.

217, 223, 227

Middle East collections, 260

South Asia collections, 265-266

Boolean operations, online searching and, 187, 190, 225, 227	network governance and, 155, 162, 167, 171
database layer, 197, 204, 206	online, subject searching in, see Online
DBMS interface layer, 219	catalog, subject searching in
DBMS layer, 211–215	transfer of library skills and, 15, 20
user interface layer, 224	Censorship, Chinese library services and,
Browsing, online searching and	105, 120–121
database layer, 197–200, 203	Center for Research Libraries
DBMS layer, 216–218 future, 227–229	area studies in U.S. libraries and, 250, 250 266–267
user interface layer, 221, 223-224	network governance and, 157
users, 186, 188	Central cataloging, Chinese library services
BRS, online searching and, 212	and, 125–126
Budgets, area studies in U.S. libraries and	Centralized networks, 158-159, 167
East Asia collections, 270, 273	CHESIRE, online searching and, 209, 216,
Latin American collections, 251–252	219, 225
Buildings, Chinese library services and, 120,	Chief Information Officer, transfer of library
132–134, 139	skills and, 11–13, 23
Bureaucracy, Chinese library services and,	China Association for Standardization, 126
103-104	China National Publication Import and
Business schools, transfer of library skills	Export Company, 121
and, 21-22	China National Technical Committee for
·	Standardization of Documentation, 120
	China Society for Scientific and Technical
С	Information, 113
-	China Society of Library Science, 112
CAMEO II, transfer of library skills and, 6	Chinese Academy of Sciences, 122
Capacity, online searching and, 192	Chinese Archives Association, 113
Card catalogs	Chinese characters
area studies in U.S. libraries and, 242, 260, 262	Chinese library services and, 131–132, 144
Chinese library services and, 127–128	East Asia collections and, 271–272
online searching and, 175, 177	Chinese Document Classification, 125
database layer, 193, 201, 205	Chinese Libraries Classification, 125
users, 183, 186-187	Chinese library services, 103–104,
Catalogs	136-140
area studies in U.S. libraries and	automation, 128-132
African collections, 253, 256-257	buildings, 132–134
East Asia collections, 271	education, 113-119
East European collections, 242-243	equipment, 132-134
Latin American collections, 247–251	exchanges, 144-145
Middle East collections, 260-261	with Australia, 142–144
South Asia collections, 265-267	with U.S., 140-142
Chinese library services and	Four Modernizations, 104-108
automation, 128, 130	international outreach, 134-136
education, 113, 118	organization, 108-109
organization, 109, 111	archives, 112
organizing material, 125-128	factory libraries, 111
provision of information, 120, 124	public libraries, 109-110
ethnic libraries and, 82, 95	research libraries, 110-111

Communication school libraries, 110 scientific information, 111-112 Chinese library services and, 130 organizing material, 125-128 network governance and, 156-157, professional organizations, 112-113 159-161 provision of information, 119-124 responsibility of groups, 164, 166-167 Chinese Research Materials Center, 271 types of groups, 170 Community, ethnic libraries and, 78-79, Chunks, online searching and, 217 82-83, 99 Citation Latin American collections and, 248 disadvantaged, 87, 90-94 online searching and, 217, 226 enfranchised, 95-99 Citation following, online searching and, Compartmentalization, Chinese library 188-189 services and, 120 Citation index, transfer of library skills Computer Library Services International and, 16 Ltd., Chinese library services and, 129 CITE, online searching and, 209, 214, 219 Computers Citizen groups, ethnic libraries and, 97 African collections and, 256 Civic responsibility, ethnic libraries and, Chinese library services and, 107, 94-95, 97-98 128-130, 133-134 Civil rights, ethnic libraries and, 86-87, 90 network governance and, 155–159, 162 CJK characters, East Asia collections and, online searching and, 175-176, 184, 191 271-272 DBMS laver, 217 Classification future, 225, 228 Chinese library services and, 109, 111, user interface layer, 222-224 118, 125-126 Conceptual problems, online searching and, East Asia collections and, 271 online searching and, 186 Conferences, Chinese library services and, 117 database layer, 194-200, 207-210 Consulting DBMS layer, 215-218 Chinese library services and, 123 future, 226-228 transfer of library skills and, 7 user interface layer, 221 Continuing education, transfer of library Classification clustering, online searching skills and, 19-21 and, 199, 209, 216, 227 Controlled vocabulary, online searching and, Class number, online searching and, 183, 214 199-200, 217-218 database layer, 194-196, 203-206, 209 Clustering, online searching and, 199, 209, Cooperation 216, 227, 229 area studies in U.S. libraries and, 235 Collection development, area studies in U.S. African collections, 255–256 libraries and, see Area studies in U.S. East Asia collections, 269, 271 libraries East European collections, 241–243 College libraries, Chinese library services Latin American collections, 248–250, Colleges, Chinese library services and, 117 Middle East collections, 259–261 Collegial relationships, scholarly vocation South Asia collections, 265–267 and, 46–47 Chinese library services and, 105, 109, Command language, online searching and, 122, 137 219-221 network governance and, 155, 157, Command mode, online searching and, 181, 159-160 critical issues, 171-172 Committee on South Asian Libraries and legal foundations, 162, 164 online searching and, 226 Documentation, 266

Cooperative African Microform Project, 256 DBMS layer, 210-211, 216, 218 Coordination future, 226-229 Chinese library services and, 138 structure, 191-192 network governance and, 171 user interface layer, 220, 223 Copyright, Chinese library services and, users, 182, 187 123, 141 Database layer, online searching and, 191, Corporate librarians, transfer of library skills and, 12-13 classification, 196-200 Corporations, network governance and, keywords, 204-207 162-163, 165, 167-168, 171-172 special indexes, 207-210 Correspondence courses, Chinese library subject heading, 200-204 services and,116-117 subject information, 194-196 Cotraining, Chinese library services and, Database management interface layer, online searching and, 191-192, 210, 219-117 Council on Library Resources, online searching and, 177, 179-181, 188 Database management system layer, online CRL, see Center for Research Libraries searching and Cross-references, online searching and, 185, future, 225 202, 204-207, 215 structure, 191-192, 210-218 Cultural pollution, Chinese library services user interface, 220, 223-224 and, 108, 136, 139 DataBase management systems (DBMSs), Cultural revolution transfer of library skills and, 7-9, 15, Chinese library services and, 108, 110, 17 - 19, 22Data dictionary/directory (DD/D), transfer 118, 120, 122, 136 East Asia collections and, 268 of library skills and, 7-8, 12, 15 Data flow analysis, transfer of library skills Culture Chinese library services and, 105, 136 and, 9-10, 21 ethnic libraries and, 78, 98-99 Data manipulation, transfer of library skills intercultural understanding, 83-86 and, 12 model service, 80-82 Data organization, transfer of library skills service to disadvantaged, 87-88, 91-95 and, 15-19 Curators, Chinese library services and, 124 Data processing Chinese library services and, 127 Currency, online searching and, 185–187 Cyrillic alphabets, area studies in U.S. transfer of library skills and, 7-9, 16libraries and, 241, 261 19, 22 Data structure, transfer of library skills and, 18 - 21D DBMSs, see DataBase management systems Data administration, transfer of library skills DDC, see Dewey Decimal Classification and, 7-9, 15, 23 Decentralization Database Chinese library services and, 111-112, area studies in U.S. libraries and, 251, 256-257, 265, 269 network governance and, 158, 171 Chinese library services and, 111, Decision making 128-130, 132, 142 network governance and, 159, 161, network governance and, 155, 162, 171 172-173 online searching and, 176–178 groups, 166–167, 169–170 database layer, 193-210 online searching and, 185 DBMS interface layer, 219-220 Definition, transfer of library skills and, 8

Deinstitutionalization, transfer of library Education, Chinese library services and, 113-119, 136-138 skills and, 14, 20 Dewey Decimal Classification (DDC), online Four Modernizations, 105-107 searching and, 194-195, 197-199 organization, 108, 110 Dewey online catalog (DOC), online Effectiveness searching and, 197-198, 226 Chinese library services and, 106 DIALOG online searching and, 192 Chinese library services and, 129 Efficiency online searching and, 212 Chinese library services and, 106 Dictionary online searching and, 192 online searching and, 211 Electronic systems, transfer of library skills transfer of library skills and, 7-8, 12, 15 and, 5-6, 15-16, 20 Direct manipulation, online searching and, End-users, online searching and, 184, 222-224 203-204 Directory, transfer of library skills and, 7–8, Enfranchisement, ethnic libraries and, 95-99 Dissemination, East Asia collections and, Equipment, Chinese library services and, 270, 272-273 132-134, 138 Dissertations, African collections and, 258 Ethnic libraries, 77–78, 99 DOC, see Dewey online catalog history, 78-79 Doctoral programs intercultural understanding, 83-86 African collections and, 253 model service, 79-83 Chinese library services and, 143 service to disadvantaged, 86-95 Latin American collections and, 247 service to ethnically enfranchised, 95scholarly vocation and Exchange, see Foreign exchange amount of activity, 41-46, 49, 51 Executive board, network governance and, gender, 37, 39 166-169, 171 library schools, 56-59 Exhaustivity, online searching and, 185 productivity, 30-31 Documentation, East European collections Experience, Chinese library services and, 108 and, 243-244 Duplication, Latin American collections and, 249 F E Factories, Chinese library services and, 111, 122 East Asia collections, area studies in U.S. Fast prototyping, transfer of library skills libraries and, 267-270 and, 10 bibliographic control, 271-272 FEDLINK, network governance and, 163 development, 270-271 Feedback, see also Relevance feedback dissemination, 272-273 online searching and, 224 future trends, 273 Feedback searching, 215-216 East European collections, area studies in Filters, online searching and, 217, 223-224,

228-229

Foreign exchange

African collections and, 256

137, 140-145

Chinese library services and, 106, 122,

East European collections and, 240-241

**Economy** 

U.S. libraries and, 239-245

South Asia collections and, 263

106, 108, 136, 139

Economics, Chinese library services and,

East Asia collections and, 268-269, 272

Four Modernizations, Chinese library user interface layer, 220-221, 224 services and, 104-108, 136 users, 184-187 Hierarchy buildings, 132, 134 network governance and, 158-159 education, 114 provision of information, 121, 123 online searching and, 197-200, 217, 227-228 Free access, East Asia collections and, Higher Education Coordinating Board, 272 Free-text searching, 205 network governance and, 170 Front-end navigation, online searching and, Hispanic American Periodical Index, area 201, 224, 227 studies in U.S. libraries and, 248, 250 Front-End System Mind, online searching Hispanic Americans, ethnic libraries and, and, 204, 224 91-92 Humanities Funding Latin American collections and, 251 area studies in U.S. libraries and, 243, 246. network governance and, 162 248, 250, 270 South Asia collections and, 261, 263-264, Chinese library services and, 116, 121, Futility point, online searching and, HyperCard, online searching and, 222 187-188, 193 HYPERCATalog, online searching and, 217 Hypermedia, online searching and, 216-217 Hypertext online searching and, 216-218, 224 G transfer of library skills and, 6 Gender, scholarly vocation and, 36-41, 58.64 Generalists, transfer of library skills and, 12 I Geographic headings, online searching and, 201-202 IFLA, see International Federation of Library Governance of networks, see Network Associations governance ILLINET, network governance and, 170 Graduate degrees Indexes area studies in U.S. libraries and, 258 area studies in U.S. libraries and, 248, 250, Chinese library services and, 120 261-262, 265 online searching and, 188-189 Chinese library services and, 118, 121, Graduate Library School, scholarly vocation 125-128, 131-132 and, 30-31, 56 online searching and, 175 database layer, 194-196, 199-200, Н 204-208 DBMS layer, 210-212, 216-217 Handbook of Latin American Studies, area future, 226-227 studies in U.S. libraries and, 248 structure, 191 Hardware user interface layer, 220 online searching and, 191-192, 221 users, 180-182, 189 transfer of library skills and, 8, 10, 12 Indexing, transfer of library skills and, 8, 15 Headings, online searching and Indiana Cooperative Library Services database layer, 194-197, 200-207, Authority, network governance and, 209-210 DBMS layer, 212-214, 216-218 Information and referral services, ethnic libraries and, 89, 99 future, 227

Information brokering, transfer of library skills and, 2, 4, 14 Information counselor, transfer of library skills and, 7, 14, 20 Information dissemination, East Asia collections and, 270, 272-273 Information overload, online searching and database layer, 207 DBMS layer, 213-214, 216 future, 225, 229 user interface layer, 221 users, 181-182, 187-188, 190 Information requirement determination, transfer of library skills and, 10-11, 15, 21 Information Resources Management, transfer of library skills and, 22-23 Information retrieval, see Retrieval Information technology, Chinese library services and, 128-132 INFOTRAC, African collections and, 257 In-house training, Chinese library services and, 117 In-service training, Chinese library services and, 113 Institute of Scientific and Technical Information of China (ISTIC), 133, automation, 129-132 education, 114, 116 organization, 111 provision of information, 123 Integrated Services Digital Network, online searching and, 225 Integrated vocabularies, online searching Intelligent truncation, online searching and, Interface, see also Database management system interface layer; User interface online searching and, 199, 201, 210, 217, 225 Interlibrary loans area studies in U.S. libraries and, 241-242, 272 Chinese library services and, 122-123 International cultural exchange, Chinese

International exchange program, Chinese library services and, 113, 134–136
International Federation of Library
Associations (IFLA), Chinese libraries and, 112–113, 135, 141, 143
education, 115, 119
International Standard Organization, Chinese library services and, 126
Interpersonal skills, transfer of library skills and, 11, 15, 19–20
Inverted files, online searching and, 211–212
ISTIC, see Institute of Scientific and Technical Information of China

## J

Japanese characters, East Asia collections and, 271–272

Keys, online searching and, 211-212

Keyword searching, 177, 182, 187, 189

## K

database layer, 195–197, 204–210
DBMS interface layer, 220
future, 227
Known item searches, online searching and, 186
Korean characters, East Asia collections and, 271–272

## L

Labor, Chinese library services and, 106
Language, area studies in U.S. libraries and
East Asia collections, 268–269, 272–273
Middle East collections, 258–259, 261
South Asia collections, 262–266
Latin American collections, area studies in
U.S. libraries and, 245–252
Latin American Cooperative Acquisition
Plan, area studies in U.S. libraries and, 249
Latin American Microforms Project, area

studies in U.S. libraries and, 250

library services and, 112

Latin American Research Review, area Licensing, network governance and, 155 studies in U.S. libraries and, 247-248 Life information, ethnic libraries and, 89 Latin American Studies Association, area Linked Systems Protocols, online searching studies in U.S. libraries and, 248 and, 227 LC, see Library of Congress Links, online searching and, 216-218, 227 LCSH, see Library of Congress Subject Loan franchise, Chinese library services and, Headings Lead-in vocabulary, online searching and, LOOKUP, online searching and, 180-181 195, 209, 216 Legal foundations, network governance and, 161-164, 167, 169-170, 172 M Legal information, transfer of library skills Machine-readable cataloging (MARC) and, 5-6 Chinese library services and, 126-128 Library Association of Australia, 142-143 Library Awareness Project, ethnic libraries online searching and, 178 database layer, 194-200, 204-207, 209 and, 97 DBMS layer, 211, 213, 216 Library Classification of the Academia future, 226, 228 Sinica, 125 South Asia collections and, 265 Library Classification of the Chinese People's University, 125 Machine-readable records Library Control System, online searching Latin American collections and, 247-248 network governance and, 155 and, 180 online searching and, 215, 226 Library of Congress area studies in U.S. libraries and database layer, 193-195, 197-198, 200 African collections, 255 MacPAC, online searching and, 222 East Asia collections, 268, 271 Management, Chinese library services and, Latin American collections, 248, 250 Middle East collections, 259 automation, 130, 132 South Asia collections, 261-265 Four Modernizations, 106 organization, 108, 110 online searching and, 176, 185 database layer, 194-195, 198, 200, 209 provision of information, 120 Management Information Systems (MIS), future, 226 Library of Congress Classification (LCC), transfer of library skills and, 8, 11-12, online searching and, 194-195, 17, 22 Managerial experience, transfer of library 197-200, 226 Library of Congress Classification Scheme, skills and, 12-13, 22 East Asia collections and, 271 Mapping, online searching and, 219 Library of Congress Subject Authority File MARC, see Machine-readable cataloging (LCSAF), online searching and, Marketing Chinese library services and, 106 201-203 online searching and, 193 Library of Congress Subject Headings (LCSH), online searching and transfer of library skills and, 4-5, 14 database layer, 194-196, 198, 201-206 Master's programs African collections and, 253 DBMS layer, 212, 215 South Asia collections and, 271 Chinese library services and, 115, 143 scholarly vocation and, 39 user interface layer, 221 Matching, online searching and users, 181, 183, 185-188, 190 Library Services and Construction Act, database layer, 197-198, 205, 208, 210 ethnic libraries and, 90, 97 DBMS layer, 210, 212-218

Modernization, see also Four future, 227, 229 Modernizations partial, 183, 203, 207-208, 213, 218 Chinese library services and, 104-108, user interface layer, 220 Matthew effect, scholarly vocation and, 43 136, 139 automation, 129-130 MBA programs, transfer of library skills buildings, 133-134 and, 22 Medical subject headings, online searching education, 119 and, 194, 200, 214 organization, 109-110 Mellon Foundation, East European organizing material, 125, 128 professional organizations, 112 collections and, 243 MELVYL, online searching and, 180-182, provision of information, 121-123 Latin American collections and, 247 MESH, see Medical subject headings Modularization, transfer of library skills Meta information systems, transfer of library skills and, 16, 18 Money, scholarly vocation and, 46, 52, Michigan Library Consortium, network 55, 64 governance and, 166, 168-169 Monographs Microfiche, South Asia collections and, area studies in U.S. libraries and, 241, 266-267 262-265 Microfilm Chinese library services and, 118, 126 Chinese library services and, 113, online searching and, 185, 194 123-124 Motivation, online searching and, 190 Latin American collections and, 250 MUMS, online searching and, 181 Middle East collections and, 260 South Asia collections and, 266–267 Microform N area studies in U.S. libraries and, 238 East European collections, 239, 241 NACO program, Latin American collections Latin American collections, 247–248 and, 251 Chinese library services and, 123, 126 National Agricultural Library, online online searching and, 176 searching and, 194 South Asia collections and, 266 National Commission on Libraries and Middle East collections, area studies in U.S. Information Service, ethnic libraries libraries and, 258-261 and, 92, 94 Middle East Librarians Association, area National Coordinated Catologing Project, studies in U.S. libraries and, 260 South Asia collections and, 265 Middle East Libraries Committee, area National Defense Education Act, African studies in U.S. libraries and, 260 collections and, 252 Minimum level cataloging, South Asia National Endowment for the Humanities, collections and, 265-266 area studies in U.S. libraries and, 243, Ministry of Culture, Chinese library services 248, 250 and, 108-109, 113, 143 National Library of Australia, Chinese library MINITEX, network governance and, services and, 142-143 163-164, 170 National Library of China, 139-140, 143 Mixed vocabularies, online searching and, automation, 128-129, 131 200-201 organizing material, 126 MLC, see Michigan Library Consortium provision of information, 121-122 MLS programs, transfer of library skills National Library of Medicine network governance and, 159, 163 Mobility, transfer of library skills and, 13, 23 online searching and, 194, 197, 214

National Program for Acqisitions and Online catalog, subject searching in. Catologing, South Asia collections and, 175-178 271 database layer, 193 National Resource Centers, Latin American classification, 196-200 collections and, 248-249 keywords, 204-207 Natural language expression, online special indexes, 207-210 searching and, 204-205, 214, 228 subject heading, 200-204 NCLIS, see National Commission on subject information, 194-196 Libraries and Information Service DBMS interface layer, 219-220 DBMS layer, 210-218 NEBASE, network governance and, 170 Need elicitation, transfer of library skills future, 224-225 database, 226-227 Network governance, 155-156, 172-173 environment, 225-226 critical issues, 171-172 searching, 227-228 definitions, 156-157 user interface, 228-229 legal foundations, 161-164 structure, 190-193 responsibility of groups, 164-167 user interface layer, 220-224 users, 178-179 structures, 158-161 types of groups, 167–168 experience, 188-190 advisory committees, 169-170 information overload, 187-188 self-governing boards, 168-169 search failure, 183-187 staff involvement, 170-171 transaction monitoring, 180-183 Online Computer Library Center (OCLC) Networks East Asia collections and, 272 area studies in U.S. libraries and, 238 East Asia collections, 272 East European collections and, 242 East European collections, 239, 242 Latin American collections and, 249, 251 network governance and, 155, 158, Middle East collections, 261 162-163 Chinese library services and, 137–138 automation, 129-130, 132 responsibility of groups, 167-168 Four Modernizations, 105, 107 types of groups, 170 South Asia collections and, 265, 267 organization, 109 Online information provision of information, 122 area studies in U.S. libraries and, 249, ethnic libraries and, 97 online searching and, 222, 225, 227 Chinese library services and, 128, 130 N-gram methods, online searching and, 208 Middle East collections and, 261 Nodes, online searching and, 216-218 Nolan stage hypothesis, transfer of library Online library catalogs, online searching and, 175 skills and, 8 Online public access catalogs, online Nonprofit organizations, network governance and, 162-166, 168, 172 searching and, 175, 188, 221 Online systems, transfer of library skills and, NOTIS, online searching and, 181, 199, 209, 222 5-6 On-the-job training, Chinese library services and, 118 0 OPACS, see Online public access catalogs Open-access libraries, Chinese library OCLC, see Online Computer Library Center services and, 121 OKAPI, online searching and, 207, 215, 219 Open Door Policy, Chinese library services Online catalog, network governance and, and, 134, 137, 139 155, 167 ORBIT, Chinese library services and, 129

Organization	future, 225
Chinese library services and, 120,	structure, 192-193
125-128	Preservation, area studies in U.S. libraries
network governance and, 170	and, 238, 242-243, 252, 266
Organizational context, transfer of library skills and, 10	Production, Chinese library services and, 104
ORION, online searching and, 222	Productivity
	ethnic libraries and, 89
	scholarly vocation and, 29-30, 64, 66
	amount of activity, 44, 49-50
P	publication, 32–36
	research, 30-33
PALINET, network governance and,	Professional organizations, Chinese library
165–166	services and, 112-113, 137
Partial matching, online searching and, 183,	Promotion
203, 207–208, 213, 218	Chinese library services and, 105–106
Paths, online searching and, 217, 228	scholarly vocation and
Periodicals	amount of activity, 48–51
Chinese library services and, 126, 130	library schools, 59, 63
Latin American collections and, 248, 250	productivity, 36–37
Middle East collections and, 261	Prototyping, transfer of library skills and, 10
Personalized searching, 224	Publication
Philosophy, Chinese library services and,	area studies in U.S. libraries and, 238
125	African collections, 256–258
Phonetic coding	East Asia collections, 269
Chinese library services and, 131	East European collections, 240–241,
online searching and, 208, 219–220, 227,	243–244
229	Latin American collections, 246–249,
Phonix, online searching and, 208	251
Photocopying, Chinese library services and,	Middle East collections, 259–260
123–124, 133	South Asia collections, 262, 264–266
Photoduplication, South Asia collections and, 262	Chinese library services and, 137–138,
•	144
Pinyin scheme, Chinese library services and,	education, 118
126–127, 131 Pittsburgh Regional Library Center, network	Four Modernizations, 105, 108
governance and, 169	organizing material, 127
Point and click, online searching and, 220,	professional organizations, 112–113
230	provision of information, 123–124
Pointers, online searching and, 211–212	scholarly vocation and, 64–67
Policy making, network governance and,	amount of activity, 36, 45
161, 167	doctoral programs, 42–43, 45
Politics, Chinese library services and, 125	gender, 37–41
Postgraduate education, Chinese library	library schools, 57, 59–64
services and, 115–116	productivity, 32–36
Practice, Chinese library services and, 106	promotion, 49–51
PRECIS, online searching and, 194	time, 52–53, 55 transfer of library skills and, 6, 12
Precision, online searching and	Public libraries, Chinese library services
database layer, 208–210	and, 109–110
DBMS layer, 212, 216	Public trust, network governance and, 164
	Borelimiec alla, 104

Q	Middle East collections, 259
Query formulation, online searching and	South Asia collections, 264 Chinese library services and, 137–138
database layer, 198, 206, 208	education, 115
DBMS interface layer, 219	Four Modernizations, 105, 107
DBMS layer, 213, 215–216, 218	organization, 111
	professional organizations, 112–113
future, 229 user interface layer, 224	provision of information, 120–121,
users, 183, 190	124
Query language, online searching and,	network governance and, 167
227–228	scholarly vocation and, 66–68
Quotation, online searching and, 217	amount of activity, 36, 45, 47
Quotation, online seatening and, 217	doctoral programs, 42–45
R	gender, 37–39
•	library schools, 56–57, 59–63
Race	money, 55
ethnic libraries and, 85–87, 91, 94	productivity, 29-33, 35-36
scholarly vocation and, 41	promotion, 49-51
Recall, online searching and	time, 52–55
database layer, 195, 199, 205, 207–208,	transfer of library skills and, 7
210	Research libraries, Chinese library services
DBMS layer, 212, 216	and, 110-111, 126
future, 225	Research Libraries Group (RLG)
structure, 192–193	area studies in U.S. libraries and, 242,
Reference interviews, transfer of library	249–250, 261, 271
skills and, 11, 15, 21	network governance and, 158, 168
References	Research Libraries Information Network
area studies in U.S. libraries and, 257, 261	(RLIN)
online searching and, 188, 214, 226	area studies in U.S. libraries and, 242, 249,
Reference services	251, 256, 261, 272
Chinese library services and, 113, 121,	network governance and, 158
123, 127	online searching and, 194
network governance and, 167	Research Triangle Libraries Network,
Referral services	network governance and, 170
Chinese library services and, 123	Resource allocation, Chinese library services
ethnic libraries and, 89, 95, 99	and, 138-139
Regional languages, South Asia collections	Resource flow, network governance and,
and, 264-266	160
Registers, Chinese library services and, 127	Resource sharing
Relevance, online searching and	Chinese library services and, 122, 137
database layer, 198, 207, 209	East European collections and, 241
DBMS layer, 213–215	Retrieval
future, 229	African collections and, 257
structure, 192-193	Chinese library services and, 113,
Relevance feedback, online searching and,	127–130, 133, 137
214-216, 218, 224, 227-228	online searching and, 178
Research	database layer, 198, 200-201, 205-209
area studies in U.S. libraries and	DBMS interface layer, 219-220
Latin American collections, 245-248,	DBMS layer, 210-214, 216, 218
251	future, 224–229

Searchable Physics Information Notices, structure, 191-193 Chinese library services and, 129 user interface layer, 220-221, 223-224 Search failure, online catalogs and users, 181, 183-185, 187-188, 190 database layer, 210 transfer of library skills and, 17-18, 21 DBMS layer, 212-213, 215, 218 Retrieval language, transfer of library skills future, 225, 229 user interface layer, 220 Retrospective conversion, area studies in users, 182-187 U.S. libraries and, 242-243, 249-250 Searching in online catalog, see Online RLIN, see Research Libraries Information catalog, subject searching in Network Search trees, online catalogs and, 215, 219 Romanization of Chinese characters, 126 Secondary school library education, Chinese library services and, 116 Security systems, Chinese library services S and, 133 Segregated files, online searching and, 200 SALALM, see Seminar on the Acquisiton of Selection, area studies in U.S. libraries and, Latin American Library Materials 238, 259, 262-265 Sales representatives, transfer of library skills Self-governing boards, network governance and, 168-169 Scanning, online searching and, 187, 211 Self-reliance, Chinese library services and, Scholarly vocation, 67-68 amount of activity, 36-37 affiliation of faculty, 45-46 Seminar on the Acquisiton of Latin American collegial relationships, 46-47 Library Materials (SALALM), 249-250, doctoral program, 41-45 Service orientation, transfer of library skills gender, 37-41 and, 15, 19-21 money, 55 Services, network governance and, 156 promotion, 48-51 Shelf searching, 186, 188-189 time, 52-55 Slavic collections, area studies in U.S. library schools, 55 libraries and, 239-245 doctoral degrees, 56-59 Social responsibility, ethnic libraries and, 94 nature of library science, 62-64 Social science research, 59-61 area studies in U.S. libraries and, 247, 270 passion, 64-67 Chinese library services and, 107, 110, productivity, 29-30 116, 121, 125, 136 publication, 32-36 Society of American Archivists, Chinese research, 30-33 library services and, 141 Scholarship, area studies in U.S. libraries and Software African collections, 257–258 East Asia collections, 267, 270, 272-273 network governance and, 156 online searching and, 191-192, 197, 210, South Asia collections, 267 222, 224 School libraries, Chinese library services scholarly vocation and, 62 and, 122 transfer of library skills and, 8, 10, 12 Science, Chinese library services and, 116, Soundex algorithm, online searching and, 121, 123, 136 Scientific information, Chinese library services and, 111-112, 132 South Asia collections, area studies in U.S. Scientific knowledge, Chinese library libraries and, 261–267 South Asian Microfilm Project, area studies services and, 105-106, 110-111 SCORPIO, online searching and, 180 in U.S. libraries and, 266-267

Specialists, transfer of library skills and, 12 T Specialization Chinese library services and, 116 Table of contents, online searching and, Latin American collections and, 249 195, 205, 226 Special Libraries Association, Chinese library Teaching area studies in U.S. libraries and, 259, 264 services and, 141 scholarly vocation and, 57, 59-62, 67 Specificity Technical information, Chinese library level of, 183 online searching and, 185, 190, 199 services and, 111-112, 132 Spelling errors, online searching and, 219, Technical knowledge, Chinese library services and, 105-106 database layer, 207 Technical productivity, scholarly vocation and, 64, 67 DBMS layer, 212, 215, 218 Technological development users, 184, 190 African collections and, 258 SPRILB, online searching and, 215–216 Stakeholders, ethnic libraries and, 98 East Asia collections and, 269, 273 Standardization Technologists, transfer of library skills Chinese library services and, 109, and, 12 Technology 125-126, 129, 132, 137-138 Chinese library services and, 106-107, online searching and, 205 121, 123, 139 Standardized retrieval language, transfer of network governance and, 156, 167, library skills and, 17 State Archives Bureau, Chinese library 171-172 online searching and, 221-222 services and, 112, 114, 124 Stemming, online searching and, 205, 208, **Telecommunications** Chinese library services and, 130, 132, 213-216, 218-219 Storage, online searching and, 192 East Asia collections and, 273 Storefront libraries, 89 network governance and, 155-156, Stratification, transfer of library skills and, 158-159.171 13-14, 23 Structured Query Language, online online searching and, 221-222 Tenure, scholarly vocation and, 63-64 searching and, 219 amount of activity, 42, 48-51 Subject online catalog, 197 productivity, 36-37 Subject-relevant records, online searching Term index, online searching and, 209 and, 205 Text editors, online searching and, 222 Subject searching in online catalog, see Text retrieval, transfer of library skills Online catalog, subject searching in Sub-Saharan African collections, area studies and, 17 in U.S. libraries and, 252-258 Theory, Chinese library services and, 106 SULIRS, online searching and, 180-181, 202 Thesauri Supervisors, Chinese library services and, Chinese library services and, 118, 126-127 106 online searching and, 178 Syndetic structure online searching and, 177, 185-186 database layer, 195-196, 200-201, database layer, 202-204, 210 203-204, 209 DBMS layer, 214, 217 transfer of library skills and, 8 System analysts, transfer of library skills and, future, 226-227, 229 user interface layer, 224 9-11, 15 Time, scholarly vocation and, 46, 52-55, 64 Systems design, transfer of library skills TINMAN, online searching and, 217 and, 9

Topical searching database layer, 195, 198, 201–202, 205,	Agency, Chinese library services and,
210	141
users, 179, 189	United States libraries, area studies in, see
Trade union libraries, Chinese library	Area studies in U.S. libraries
services and, 111	Universal Decimal Classification (UDC),
Trails, online searching and, 217, 228	online searching and, 194, 197, 215
Training, Chinese library services and,	Universities
113–119, 121	area studies in U.S. libraries and
Transaction monitoring, online searching	African collections, 253–254, 257
and	East Asia collections, 268–269
database layer, 196, 202	Middle East collections, 258
future, 226-227	Chinese library services and, 116–117,
users, 179-183, 188, 190	120-121
Transfer of library skills, 1-3, 23	University libraries
business schools, 21–22	Chinese library services and, 110, 122,
continuing education, 21	141–142
data organization, 16–19	network governance and, 171
information organization, 15	URICA, online searching and, 208, 211, 220
information sources, 16	User interface layer, online searching and
interpersonal skills, 15, 19-20	future, 225, 227–229
knowledge of sources, 14	structure, 191–192, 210, 220–224
ramifications for education, 16	User modeling, online searching and, 224
service orientation, 20	Users Council, network governance and,
skills base summary, 20–21	167–168
stratification, 13–14	107 100
target areas, 3-4	
chief information officer, 11–13	${f v}$
consulting, 7	•
data administration, 7–9	Vocabulary
information brokering, 4	controlled, 183, 214
information counselor, 7	database layer, 194–196, 203–206, 209
marketing, 4-6	indexing, 183, 194–196, 200–201
publishing, 6	lead-in, 195, 209, 216
system analyst, 9–11	
Transfer of resources, network governance	online searching and
and, 162	database layer, 196, 201, 204-205, 207,
Tree of knowledge, online searching and,	209
200	users, 183
U	W
ULISYS, online searching and, 181	Weighted matching online seembling and
Union catalogs	Weighted matching, online searching and, 216–219
East Asia collections and, 272	Western Library Network, online searching
	" colori labrary rectwork, offine scarching

and, 194, 211

and, 222

WYSIWYG text editors, online searching

network governance and, 171

United Nations Development Programme,

Chinese library services and, 114