

Education and training for librarianship and information work: Annual bibliography, 1993

Alan J. Clark

Librarian, Information and Library Studies Library, University of Wales Aberystwyth, Llanbadarn Fawr, Aberystwyth, Dyfed SY23 3AS, United Kingdom

The 1993 bibliography follows the pattern of earlier years, covering items published worldwide during the previous year.

Subject access is provided by the contents list and classified arrangement and through a subject index which includes entries for countries and regions. I would like to thank my colleague Tony Curwen for advice on some details of subject access. As a result some sections have been renamed and a more detailed classified arrangement provided in some sections of the bibliography. The name index includes entries for authors, both personal and corporate and name subject entries for other entities..

Over the years items in the bibliography have reflected a growth in the number of areas for which librarianship and information science training is seen as an appropriate preparation. This trend is recognised in the 3rd edition of Ray Prytherch's *Information management and library science: a guide to the literature*. Gower, 1994, a major source in LIS bibliography.

Another trend is the explosion of electronic journals, bulletin boards and mailing lists available over the Internet and similar networks. Many professional groups at local and national level now use these sources of information and communication. In the UK the Bulletin Board for Libraries (BUBL) is a major source of information for LIS workers and LIS educators. In the United States JESSE is a well established source of electronic communication for all those both in the States and beyond interested in LIS education. Electronic sources are proliferating so rapidly it is difficult to keep track of them. I would be grateful to receive news of any electronic journals, bulletin boards, computer conferences, Usenet groups or e-mail lists relevant to LIS educators and trainers. I will include an appendix listing these in next year's bibliography.

CONTENTS

BIBLIOGRAPHIES	001–002
RESEARCH	003–019
GENERAL ITEMS – UNIVERSAL	020–052
GENERAL ITEMS – INDIVIDUAL REGIONS AND COUNTRIES	053–155
LIBRARY AND INFORMATION SCIENCE SCHOOLS, DEPARTMENTS AND COURSES	156–312
Curriculum development	156–160
Courses/study – Professional	161–170
First qualification	161–170
Modes of study	171–174
Part time study	171–172
Distance education	173–174
Teaching methods	175–190
Specialised education	191–235
Art librarianship	191–199
Business librarianship	200
Conservation and preservation librarianship	201
Law librarianship	202
Map librarianship	203
Medical and health sciences librarianship	204–210
Music librarianship	211–213
Public librarianship	214–216
School and young people's librarianship	217–225
Serials librarianship	226–227
Special librarianship	228–235
Teaching individual subjects	236–273
Automation	236–237
Bibliographic instruction	238
Bibliography	239–240
Career preparation	241
Cataloguing, classification and subject indexing	242–249
Collection development	250
Computing	251–255
Ethics	256
Historical bibliography	257
Indexing	258
Information retrieval	259
International and comparative librarianship	260–261
Library history	262
Literacy	263
Management	264–266
Marketing	267
Media documentation	268
Multimedia	269
Research	270
Technical services	271–272
Telecommunications	273
Practical work experience	274
Teaching staff/faculty	275–281
Students	282–291

- Library and information schools and departments – individual schools 292–312
PROFESSIONAL AND PARAPROFESSIONAL QUALIFICATIONS 313–323
CAREER DEVELOPMENT 324–350
CONTINUING EDUCATION 351–368
IN-SERVICE TRAINING 369–422
 General 369–392
 Specialised training 393–422
 Bibliographic instruction 393–394
 Cataloguing 395
 Collection development 396
 Hypertext 397
 Indexing 398
 Induction 399
 Interpersonal skills 400
 Management 401–409
 Mobile libraries 410
 Networking skills 411
 Preservation 412–413
 Public services training 414
 Reference skills 415–416
 School librarianship 417
 Serials management 418–419
 Technical services 420
 Total Quality Management 421
 Use of computers 422
- ROLE OF ASSOCIATIONS AND SOCIETIES IN LIBRARY EDUCATION AND TRAINING** 423–434
EDUCATION AND TRAINING FOR RELATED OCCUPATIONS 435–469
 Archives and records management 435–461
 Computer science 462
 Documentalist 463–464
 Health information management 465
 Information officer 466
 Information resources management 467
 Online services – sales executive 468
 Publishing 469
- EMPLOYMENT MARKET PLACE** 470–501
NAME INDEX
SUBJECT INDEX
LIST OF PERIODICAL TITLE ABBREVIATIONS

ANNUAL BIBLIOGRAPHY, 1993**BIBLIOGRAPHIES**

- 001 CLARK, Alan J. Education and training for librarianship and information work: annual bibliography, 1992. *Education for Information* 11(3) 1993 217–272.
- 002 SOKOLOFF, I. and REELING, Patricia G. Annotated bibliography. In Reeling, P.G. (ed.) *Education for the Library/Information Professional*. Jefferson N.C.: McFarland, 1993. ISBN 0-89950-892-8 pp.77–88.

RESEARCH

- 003 ALEMNA, A. Anaba Library and Information research in Africa: obstacles and opportunities. *Int.J.Inf.& Lib.Res.* 5(1) 1993 47–55
- 004 BERNHARD, Paulette. Identifying and defining the principal research methods used in LIS. In *Proceedings 59th IFLA General Conference*, Barcelona, 1993 Booklet 7 pp.3–4. (Paper 81–SET–E).
- 005 BERNHARD, Paulette. A la recherche des...méthodes de recherche utilisées en sciences de l'information. *Can.J.Inf.& Lib.Sci.* 18(3) 1993 1–35.
- 006 BRADLEY, Jane and SUTTON, Brett. (eds.) Symposium on qualitative research: theory, methods and applications. *Library Quarterly* 63(4) 1993 (Whole issue).
- 007 DICK, A. L. Three paths to inquiry in library and information science: positivist, constructivist and critical theory approaches. *S.Afr.J.Lib.& Inf.Sci.* 61(2) 1993 53–60.
- 008 HERNON, Peter and SCHWARTZ, Candy. Library and information science research: is it misunderstood? [Editorial] *Lib.& Inf.Sci.Res.* 15(3) 1993 215–217.
- 009 HERNON, Peter and SCHWARTZ, Candy. Library and information science research: what do we need? [Editorial] *Lib.& Inf.Sci.Res.* 15(2) 1993 115–116.
- 010 HORTON, Weldon J. Research methods and data gathering techniques in the arts and social sciences. *Education for Information* 11(1) 1993 65–67.

- 011 JARVELIN, Kalervo and VAKKARI, Pertti. The evolution of library and information science 1965–1985: a content analysis of journal titles. *Inf.Proc.& Man.* 29(1) 1993 129–144.
- 012 KRUMMEL, D.W. Born yesterday and other forms of original sin: two perspectives on library research. *J.Educ.Lib.& Inf.Sci.* 34(4) 1993 279–286.
- 013 LYNCH, Mary Jo. Research on libraries and librarianship in 1992 In Bowker Annual 38th ed. 1993. New Providence, N.J.: R.R. Bowker, 1993. ISBN 0 8352 3345 6. pp.407–419.
- 014 MEADOWS, Jack. National library and information research planning and policy with special reference to the United Kingdom. *Lib.& Inf.Res.News* 16 No.56 Spring 1993 3–13. (Originally published *Alexandria* 3(3) 1991).
- 015 MICHAELS, Jeffrey. Library and information science research: are we scholars or parasites? [Editorial]. *Lib.& Inf.Sci.Res.* 15(4) 1993 297–298.
- 016 SAVOLAINEN, Reijo. Tutkimustiedon hyödyntäminen yleisissä kirjastoissa. *Kir.ja.Inf.* 12(2) 1993 39–52.
- 017 SCHRADER, Alvin M. The “R” word: the role of research in graduate education for library and information studies. *Can.J.Inf.& Lib.Sci* 18(1) 1993 44–63.
- 018 SHAW, Debora and FOUCHEREAUX, Karen. Research needs in information science. *Bull.ASIS* 19(3) 1993 25.
- 019 VAN FLEET, Connie and DURRANCE, Joan C. Public library leaders and research: mechanisms, perceptions and strategies. *J.Educ.Lib.& Inf.Sci.* 34(2) 1993 137–152.

GENERAL ITEMS – UNIVERSAL

- 020 BAUWENS, Michel. The emergence of the “cybrarian”: a new organisational model for corporate libraries. *Bus.Inf.Rev.* 9(4) 1993 65–67.
- 021 BLANQUET, Marie-France. La fonction documentaire: étude dans une perspective historique. *Documentaliste* 30(4/5) 1993 199–204.
- 022 BOUTHILLIER, France. Educating librarians and information resource managers: differing management perspectives. *Can.J.Inf.& Lib.Sci* 18(2) 1993 34–43.

- 023 BOWDEN, Russell. Professional responsibilities of librarians and information workers In Proceedings 59th IFLA General Conference, Barcelona, 1993 Booklet 6. pp.26–31 (Paper 57–RTMLA–E).
- 024 CALVERT, Philip J. A literate profession. *Assistant Librarian* 86(11) 1993 168–172.
- 025 CAMPBELL, Jerry D. Choosing to have a future. *American Libraries* 24(6) 1993, 560,562,564,566.
- 026 CHMELIUS, Claudia. Bibliothekare: fit für die Zukunft? wo der Schuh drückt oder: Ergebnisse einer Fragebogenaktion zum Thema. Regensburg: VDB Kommission Ausbildung und Beruf, 1993.
- 027 CRONIN, Blaise. Educating librarians for an information society. In Vodosek, P. and Blum, A., (eds.) *Bibliothek– Kultur – Information*. Muchen: Saur, 1993, pp.15–27.
- 028 DOU, Henri, HASSANALY, Parima, QUONIAM, Luc, LA TELA, Albert. Technology watch and competitive intelligence: a new challenge in Education for Information. *Education for Information* 11(1) 1993 35–45.
- 029 DUVERNE, Anne et al. Les pionniers du savoir: les professionnels de l'information et de la documentation en 1993. *Documentaliste* 30(6) 1993 287–303.
- 030 FEATHER, J. and MANN, J. Education and training. In *Librarianship and Information Work Worldwide 1992: an annual survey*. London: Bowker Saur, 1993. ISBN 1-85739-066-0 pp 201–213.
- 031 GENZ, Marcella. D. Looking through a rearview mirror. *J.Educ.Lib. & Inf.Sci.* 34(4) 1993 270–271.
- 032 GREEN, Tim C. Competencies for entry – level independent information professionals: an assessment by practitioners. *J.Educ.Lib.& Inf.Sci.* 34(2) 1993 165–168.
- 033 HANNIGAN, Jane Anne and CREW, Hilary. A feminist paradigm for library and information science. *Wilson Library Bulletin* 68(2) 1993 28–32.
- 034 HUWE, Terence K. Information specialists and the cooperative workplace – challenges and opportunities. In Godden, I.P. ed. *Advances in Librarianship Vol 17* 1993. Academic Press 1993. ISBN 0-12-024617-1 pp 1–31.

- 035 INTERNATIONAL interdependence and information education. Papers from the ALISE Annual Conference January 19–22, 1993 Denver Colorado. *J.Educ. Lib.& Inf.Sci.* 34(4) 1993 267–311.
- 036 KIBIRIGE, Harry M. Theoretical foundations of development information science. *Int.Inf.& Lib.Rev.* 25(1) 1993 1–14.
- 037 KIRK, Joyce. Information and information practice: implications for the education of information professionals. In Proceedings of the 56th ASIS Annual Meeting, Columbus Ohio October 1993 pp.269–273.
- 038 KOENIG, Michael E.D. Educational requirements for a library-oriented career in information management. *Library Trends* 42(2) 1993 277–289.
- 039 LE COADIC, Yves. Histoire des sciences et histoire de la science de l'information. *Documentaliste* 30(4/5) 1993 204–209.
- 040 LESTER, June. Education in response to change. *J.Lib.Admin.* 18(3/4) 1993 39–54.
- 041 MARTIN, Susan. Raising our professional expectations with a two track approach to librarianship. *J.Acad.Lib.* 19(1) 1993 24.
- 042 REELING, Patricia G. Education for the Library/Information Professional: strategies for the Mid 1990s. Proceedings of the 30th Annual Symposium of the Graduate Alumni and Faculty of the Rutgers School of Communication, Information & Library Studies 10th April 1992. Jefferson N.C.: McFarland, 1993. ISBN 0–89950–892–8.
- 043 ROELANTS, Josiane. La formation en science de l'information et de la documentation, formation sans frontière. In Proceedings 59th IFLA General Conference, Barcelona, 1993. Booklet 7 pp.4–7 (Paper 40–SET–F).
- 044 ROHDE, Nancy Freeman and HERTHER, Nancy. Staffing an integrated information center and its implications for the education of information professionals. In Proceedings of the 56th ASIS Annual Meeting, Columbus Ohio, October 1993, pp.231–234.
- 045 RUGAAS, Bendik. (ed.) Library/Information Science education for the 21st Century: the Tromso conference. New York: Neal Schumann, 1993. ISBN 1–55570–148–5.
- 046 RUGAAS, Bendik. Om bibliotekenes foretrukne framtid– perspektiver på utdanning og forskning. *Synopsis* 24(6) 1993 307–310.

- 047 RUGAAS, Bendik. Veivisere. *Synopsis* 28(4) 1993 189–191.
- 048 SHARMA, R.N. American and South Asian library educators discuss library and information science education. *J.Educ.Lib.& Inf.Sci.* 34(1) 1993 86.
- 049 STIEG, Margaret F. The dangers of ahistoricism. *J.Educ.Lib.& Inf.Sci.* 34(4) 1993 275–278.
- 050 TAYLOR, Robert S. Chance, change and the future of the information profession. *Bull.ASIS* 19(2) 1992/93 16–18.
- 051 WALKER, Martin. Furthering international profesional development: adapted from an IGLA session paper at Under One Umbrella Manchester. *Focus Int.& Comp.Lib.* 24(2) 1993 55–57.
- 052 WERSIG, Gernot. Information science: the study of postmodern knowledge usage. *Inf.Proc.& Man.* 29(2) 1993 229–239.

GENERAL ITEMS – INDIVIDUAL REGIONS AND COUNTRIES

Africa

- 053 AINA, L.O. The challenge of the emerging market and the education and training of information professionals in Africa. *J. Lib.& Inf.Sci.* 25(4) 1993 197–201.
- 054 AINA, L.O. Educating and training for information technology in Africa. *Inspel.* 27(4) 1993 242–250.
- 055 OCHAI, A. and NWAFOR, B.U. Reviewing reviews of books on African librarianship. *Afr.J.Lib.Arch.& Inf.Sci.* 3(1) 1993 63–67.
- 056 OTIKE, Japhet. Information studies in Africa. *Inf.Man.Rep.* November 1993 15.
- 057 SAGNA, Oliver and THIAM, Mbaye. Quelles formations pour les professionnels de l'information en Afrique subsaharienne? In Proceedings 59th IFLA General Conference, Barcelona 1993. Booklet O pp.66–74. (Paper 78–CONTR–F).

Australia

- 058 NEWS from the schools 1993. *Educ.Lib.& Inf.Serv.Australia* 10(2/3) 1993 60–84.

- 059 RASMUSSEN, Radha and GOH, Jean Siew-Choo. Education and training for multicultural librarianship in Australia. *Aust.Lib.Rev.* 10(2) 1993 186–198.
- 060 REPORT on meeting of the Board of Education with educators in library and information science, University of Melbourne 20 November 1993. *Educ.Lib.Inf.Serv.Australia* 10(2/3) 1993 56–59.

Austria

- 061 KROLLER, Franz and REINITZER, Sigrid. Das Bibliotheks- und Informationswesen Österreichs. *ABI Technik* 13(3) 1993 167–180.

Canada

- 062 EDUCATION for library and information studies. *Can.J.Inf.& Lib.Sci.* 18(1) 1993 1–80 (Whole issue).
- 063 GARDNER, Richard K. Epilogue: where do we go? *Can.J.Inf.& Lib.Sci.* 18(1) 1993 74–80.
- 064 LAJUNESSE, Marcel. Les écoles canadiennes de bibliothéconomie et des sciences de l'information et la scène internationale. *Can.J.Inf.& Lib.Sci.* 18(1) 1993 64–73.
- 065 McNALLY, Peter F. Fanfares and celebrations: anniversaries in Canadian graduate education for library and information studies. *Can.J.Inf.& Lib.Sci.* 18(1) 1993 6–22.
- 066 SAVARD, Réjean. Education pour la bibliothéconomie et les sciences de l'information. *Can.J.Inf.& Lib.Sci* 18(1) 1993 2–5

China

- 067 HUANG, Songru and JIANG, Yanan. Information education at the Institute of Scientific and Technical Information of China. In Olden A. and Wise, M. (eds.) *Information and libraries in the developing world 2. South East Asia and China*. London: Library Association Publishing, 1993. ISBN 0-85365-948-6 pp.180–187.

Czech Republic

- 068 JOHNSON, Ian. Librarianship and professional education in the Czech and

Slovak Republics: the third of a series of reports on the situation in Eastern Europe. *Focus Int.& Comp.Lib.* 24(2) 1993 68–70.

Developing Countries

- 069 HARRIS, Susan C. Management of human resources for information systems in developing countries. *Q.Bull.IAALD* 38(2/3) 1993, 131–135.
- 070 JEHL, Marie-Josée. Education and training in small countries: CTA initiatives. *Q.Bull.IAALD* 38(2/3) 1993, 136–138.

Eastern Europe

- 071 PUCHALSKI, Jacek. Program TEMPUS... *Bibliotekarz* 1993(6) 23–26.
- 072 RAYMOND, Boris. Former Eastern block librarianship in transition. Hungary, the Czech Republic and Slovakia. *Can.J.Inf.& Lib.Sci.* 18(3) 1993 36–50.

Ethiopia

- 073 GUPTA, Sushma. Development of the library profession and education in Ethiopia. *Int.Inf.& Lib.Rev.* 25(1) 1993 73–83.

Europe

- 074 ROBERTS, Brynley. Librarians in the new Europe: training and education needs of librarians working in national libraries. *Education for Information* 11(4) 1993 283–288.

Fiji

- 075 RAINES, Melvyn D. Training in library/information studies: the University of the South Pacific, Fiji. *Educ.Lib.& Inf.Serv.Australia* 10(2/3) 1993 15–22.

France

- 076 DELMAS, Bruno. L'INTD et son rôle dans la formation des documentalistes et France 1932–1993. *Documentaliste* 30(4/5) 1993 218–226.
- 077 MEYRIAT, Jean. Les formations à la documentation en France: aperçu historique. *Documentaliste*. 30(4/5) 1993 213–217.

- 078 MEYRIAT, Jean. La formation initiale, en France, des professionnels de l'information et de la documentation. *Documentaliste* 30(2) 1993 91–98.
- 079 MEYRIAT, Jean. Un siècle de documentation: la chose et le mot. *Documentaliste* 30(4/5) 1993 192–198.
- 080 POMART, Paul-Dominique. 1973–1993: quelle évolution du métier de documentaliste? *Documentaliste* 30(4/5) 1993 210–212.
- 081 LES sciences de l'information et de la communication: rapport d'évaluation. Paris: Conseil National D'Evaluation, 1993.

Germany

- 082 DANKERT, Birgit. Aus-und Fortbildungskonzept. *Bibliotheksdiest* 27 1993 1049–1054.
- 083 FREYTAG, Jurgen. Die Entwicklung einer gemeinsamen BID-Ausbildung in Berlin. In *Deutsch Dokumentartag*, 1992. Frankfurt am Main, 1993 pp.877–881.
- 084 JUNG, Rudolf. Die bibliothekarische Ausbildung 1945–1965. In Vodosek P. & Leonard, J.–F. Die Entwicklung des Bibliothekswesens in Deutschland 1945–1965. Wiesbaden, Harrassowitz, 1993 pp.199–219.
- 085 REHM, Kerstia. Ausbildung und Beruf im Wandel. *Tubinger Bibliotheksinformationen* 15(2) 1993 34–37.
- 086 SKALSKI, Detlef. Die Entwicklung einer gemeinsamen Ausbildung in Berlin Teil 1 “Die Empfehlungen der Landeshoch-schulstrukturkommission Berlin: Bibliotheks- und Informations-wissenschaft” und das Ausbildungsprofil an der Freien Universität Berlin. In *Deutsch Dokumentartag* 1992. Frankfurt am Main, 1993 pp.259–271.
- 087 VODOSEK, Peter. The internationalization of information: impact of the European Community on library and information science studies in Germany. *J.Educ.Lib.& Inf.Sci.* 34(4) 1993 314–316.

Hungary

- 088 JOHNSON, Ian. Librarianship and professional education in Hungary. *Focus Int.& Comp.Lib.* 24(1) 1993 14–20.

- 089 KROLLER, Franz and REINITZER, Sigrid. Das Bibliotheks- und Informationswesen der Republik Ungarn. *ABI Technik* 13(2) 1993 95–105.

Iceland

- 090 HANNESDOTTIR, Sigrun Klara. Education for librarianship: Icelandic views. *Educ.Lib.Inf.Serv.Australia.* 10(2/3) 1993 42–49.

India

- 091 DAVIS, Donald G. and TAHER, Mohamed. Library history in India: historiographical assessment and current trends. *Third World Libraries* 3(2) 1993 40–44.

Indonesia

- 092 BAHAR, Aswandi. Education and training for university library staff: management implications for Indonesia. Thesis: M.Lib.: University of Wales, 1993.

Italy

- 093 CAPITANI, Paolo Costanzo. Per una formazione di qualità. *Biblioteche Oggi* 11(9) 1993 22–26.

- 094 SERRAI, Alfredo. Le incongruenze della scuola speciale per Archivisti e bibliotecari. *Il Bibliotecario No.36/37* 1993 194–199.

- 095 SOLIMINE, Giovanni. La formazione che non c'è. *Biblioteche Oggi* 11(9) 1993 14–21.

Latin America

- 096 MAURA, Mariano A. and WILLIAMS Robert V. Conference on library education in Latin America [report]. *Third World Libraries* 4(1) 1993 49–62.

Malta

- 097 SCIBERRAS, Lillian. Establishing library and information studies at the University of Malta. *Ghaqda Bibliotekarji Newsletter No.78* 1993 5.

Namibia

- 098 TOTEMEYER, A. J. et al. (eds.) Coordination of information systems and serv-

ices in Namibia. Papers of the seminar held in Windhoek Namibia February 25–March 5 1993. Bonn: Deutsche Stiftung für Internationale Entwicklung, 1993. (ED 360994).

Netherlands

- 099 STEIN, F. Nog maar plaats voor drie. bdi opleidingen. Visitatiecommissie brengt eindrapport uit. *Bibliotheek en Samenleving* 21(6) 1993 213–214.
- 100 VAN DIJK, Jos. Een aflopende relatie of een nieuwe verhouding? Bdi en de openbare bibliotheek. *Bibliotheek en Samenleving* 21(1) 1993 23–25.

New Zealand

- 101 CALVERT, Philip. LIS research in New Zealand. *Lib.&Inf.Res.News* 17 No.57 Summer 1993 15–16.
- 102 CAVE, Roderick. Getting the balance: education for information work in New Zealand for the twenty first century. *New Zealand Libraries* 47(6) 1993 109–113.
- 103 KLIMOVITCH, Lydia and CAUDWELL, Janet. Education now: the changing face of professional education. *New Zealand Libraries* 47(6) 1993 107–108.
- 104 RICHARDSON, Alan D. More change in sight: some perennial education issues revisited. *New Zealand Libraries* 47(6) 1993 114–117.
- 105 SCOTT, P.G. Education for librarianship [Editorial]. *New Zealand Libraries* 47(6) 1993 106.

Nigeria

- 106 OCHOGWU, Michael G. Producing the basic competencies in information science education in Nigeria. *Education for Information* 11(2) 1993 147–154.

Norway

- 107 KOREN, Johan. Hva tenker dere nordmenn på? For maninger om bibliotekarutdanning i en nedleggingstid i USA. *Synopsis* 24(4) 1993 219–222.
- 108 LUND, Niels Windfeld. Mens bibliotekarutdannelsen venter på grønt lys. *Synopsis* 24(6) 1993 310–316.

- 109 MOTZFELDT, Ingeborg. Bibliotekarutdanning i Tromso: svar til Hans Martin Fagerli. *Synopsis* 28(4) 1993 217–218.

Papua New Guinea

- 110 DICKSON, Jan. Programme development through a link scheme. *FID News Bull.* 43(4) 1993 75–76.
- 111 EVANS, John and TRELOAR, Andrew. Information management and librarianship: a new combination for Papua New Guinea. *Educ.Lib.& Inf.Serv: Australia* 10(1) 1993 19–26.

Poland

- 112 KOŁODZIEJSKA, Jadwiga. Wybrane problemy kształcenia bibliotekarzy. *Bibliotekarz* 1993 7/8 20–24.

Portugal

- 113 CORREIA, Ana Maria Ramalho and WILSON, T. The development of the European information market through education and training – the Portuguese experience. *Education for Information* 11(4) 1993 297–305.
- 114 CORREIA, Ana Maria Ramalho and BARRULAS, Maria Joaquina. O Futuro do Profissional de Informação bibliotecario/documentalista/information scientist/qestor de informação: eva lução ou moda? *Cad.Bib.Arq.Doc.* 1993(3) 153–166.

Qatar

- 115 KHALIFA, Shaban A. Library education in Qatar. *J.Educ.Lib.& Inf.Sci.* 34(2) 1993 162–164.

Romania

- 116 JOHNSON, Ian. Librarianship and professional education in Romania: the fourth of a series of reports on the situation in eastern Europe. *Focus Int.& Comp.Lib.* 24(2) 1993 70–74.

Russia

- 117 ABRAMOV, K. I. At the cradle of library education in Russia [In Russian]. *Nauch.Tek.Bib.SSSR* 1993(5) 56–59.

- 118 STUART, Mary. Vladimir Stasov and the professionalization of librarianship in Russia. *Solanus* 7(1993) 17–34.

Seychelles

- 119 AINSCOUGH, Peter John. A Library and Information Certificate course in the Seychelles. *Library Review* 42(4) 1993 27–38.
- 120 AINSCOUGH, P. J. Library services in a rapidly developing country. *Christian Librarian* 17 1993 36–44.

Slovakia

- 121 CEJPEK, Jiri. Uvahy o vysokoskolskem vzdelavani knihovniku a informacnich pracovniku In *Kniznice a informacie* Vol 25. Martin: Matica Slovenska, 1993 155–161.

South Africa, Republic of

- 122 HORTON, Weldon J. The structure of library education in South Africa. *J.Educ.Lib.& Inf.Sci.* 34(3) 1993 253–254.
- 123 NASSIMBENI, Mary, STILWELL, Christine and WALKER, Clare. Education and training for library and information work: an analysis of the current South African situation with a view to the way forward. *Innovation* No.6 June 1993 30–43.
- 124 THAPISA, A.P.N. Indigenous training for a changing South Africa. *Librarian Career Development* 1(1) 1993 16–19.

Soviet Autonomous Republics

- 125 AMAN, M.M. Education for library and information science in the Soviet Autonomous Republics. *Journal of Information Science* 19(2) 1993 155–160.

Spain

- 126 BOSCH, Merce. Els estudis de Biblioteconomia i Documentació i la configuració dels futurs professionals a l'Estat espanyol. *Item* No.13 1993 39–60.
- 127 CARIDAD, Mercedes. Problems on the training of librarians and information specialists. Madrid: s.n. 1993.

Turkey

- 128 CAKIN, Irfan, ERSOY, Osman, CELIK, Hilmi, DUMAN, Hasan. Turk Kutuphaneciliginin Sorunlari ve Cozum Onerileri. *Turk Kutuphaneciligi* 42(3) 1993 220–226.
- 129 YILMAZ, Bulant. Türkiye de Kutuphanelik Arsivcilik ve Dokümaatasoyon–Enformasyon Anabilim Dallarinin/Bölümelerinin Tercih Edilme Egilimleri: 1988–1991. *Türk Kütüphaneciliği* 42(1) 1993 41–52 and Pt.II 42(2) 1993 107–118.

Uganda

- 130 OGWANG–AMENY, Remy. Information technology manpower and the National Information System in Uganda. *Information Development* 9(4) 1993 235–239.

United Kingdom

- 131 CORRALL, Sheila. HEFC's Libraries Review: implications for personnel, training and education. *Per.Train.& Educ.* 10(2) 1993 8–9.
- 132 COTTON, Ros. Overseas opportunities for British library and information consultants – the way forward. *Information Development* 9(4) 1993 240–245.
- 133 FREEMAN, Mike. Education and training for librarianship and information services in the UK: a broad overview of some trends and issues. *New Library World*. Vol.94 No.1108 1993 12–14.
- 134 HOFFMAN, Gotthard. Als Bibliothekar in Europa: händerbericht Grossbritannien. *Zeit.Bib.u.Bib.* 40(1) 1993 2–21.
- 135 JESPERSEN, Sherry. The education and training of information and library staff in the UK. *Aslib Proceedings* 45(2) 1993 47–51.
- 136 LOWE, Michael. What stirs in library education? *Assistant Librarian (Students Bitz)* No.1 September 1993 86(9) 1993 (ii)
- 137 STEELE, Donald. Flexible training in library and information work: opportunities and access. *Lib.& Inf.Asst.* 5(2) 1993 6–13.
- 138 WHITE, Judy. Frogs or Chameleons: the public library service and the public librarian. Birmingham: University of Birmingham Centre for Urban and Regional Studies, 1993.

- 139 WILSON, Tom. Professional education – the ever changing face. *Lib.Ass.Rec.* 95(4) 1993 224–225.

United States

- 140 ACCREDITED library schools. In *Bowker Annual* 38th ed. 1993. New Providence, N.J.: R.R. Bowker, 1993. ISBN 0–8352–3345–6. pp. 381–382.
- 141 BERRY, John N. III. The two crises in library education [Editorial]. *Library Journal* 118(14) 1993 102.
- 142 CRONIN, Blaise. Letter from America. *Aslib Information* 21(4) 1993 148–149.
- 143 DANIEL, Evelyn. Report on Library/Information Science Education. In *Bowker Annual* 38th ed. 1993. New Providence, N.J.: R.R. Bowker, 1993. ISBN 0–8352–3345–6 pp. 56–62.
- 144 EASUN, Sue and GENZ, Marcella D. From the Research SIG convenors: everything old is new again – reinventing the wheel versus building a better mousetrap. *J.Educ.Lib.& Inf.Sci.* 34(4) 1993 267–269.
- 145 FOSTER, Stephen P. Victimization in library school closing rhetoric: a response to a “Library Quarterly” Symposium. *Library Quarterly* 63(2) 1993 192–198.
- 146 FU, E.Y. American library education: its development and issues. *J.Educ.Media & Lib.Sci.* 30(2) 1993 152–167.
- 147 McGRATH, William E. The reappearance of rankings: reliability, validity, explanation, quality and the mission of library and information science. *Library Quarterly* 63(2) 1993 192–198.
- 148 MELLOTT, Constance M. Selected specialities currently offered by ALA-accredited programs. *J.Educ.Lib.&.Inf.Sci.* 34(2) 1993 127–136.
- 149 MULVANEY, John Philip. The characteristics associated with perceived quality in schools of library and information science: an update and prediction. *Library Quarterly* 63(2) 1993 189–191.
- 150 PASSET, Joanne E. Men in a feminized profession: the male librarian, 1887–1921. *Libraries and Culture* 28(4) 1993 385–402.
- 151 SABZWARI, G.A. Closing of library schools in the United States [Editorial]. *Pakistan Library Bulletin* 24(4) 1993 (i)–(vii).

- 152 SINEATH, Timothy W. (ed.) Library and information science education statistical report 1993. Raleigh, NC: Association for Library and Information Science Education, 1993. LC 84-645665.
- 153 WHITE, Herbert S. Is there a correlation between library and education programs and athletic success? *Library Journal* 118(13) 1993 75-76.
- 154 WHITE, Herbert S. Rankings of library and information science faculty and programs: the third in a series of studies undertaken at six year intervals. *Library Quarterly* 63(2) 1993 166-187.
- 155 WHITE, Herbert S. Your half of the boat is sinking. *Library Journal* 118(17) 1993 45-56.

LIBRARY AND INFORMATION SCIENCE SCHOOLS, DEPARTMENTS AND COURSES

Curriculum development

- 156 BERTRAND-GASTALDY, Suzanne, BERNHARD, Paulette and CYR, Jean-Marc. Reconstructing a Masters degree programme in library and information studies: the Université de Montréal experience. *J.Educ.Lib.& Inf.Sci.* 34(3) 1993 228-243.
- 157 CAPITANI, Paolo Costanzo. Un curriculo per i profili dell'informazione. *Biblioteche Oggi* 11(4) 1993 32-35.
- 158 LAWAL, Olu Olaf. Indigenisation of the curriculum in Nigerian library schools: a survey of its impact on practitioners. *Afr.J.Lib.Arch.&.Inf.Sci.* 3(2) 1993 141-50.
- 159 OROM, A. Formatering af undervisningsområdet: ned udgangspunkt i nogle refleksioner over kundskab og information. *Bibliotheksarbejde* 14(38) 1993 25-39.
- 160 WOOD, Kate and ELKIN, Judith. They are the very module... *Lib.Ass.Rec.* 95(1) 1993 29.

Courses/study – professional*First qualification*

- 161 BUCHLI, Anton. Die Berner VSB–Kurse für Diplombibliothekare in Bern und sein Beitrag zum Buch–und Bibliothekswesen. Bern: Haupt, 1993 pp.43–58.
- 162 CEJPEK, J. Vysokoskolske knihovnicko–informacni stadium–soucasny stav a zamery Katedry vedekych informaci a knihovnictvi FF Univertzity Karlovy. I'93 Casopis 35(1) 1993 3–5.
- 163 JIRKU, P. Informace a znalosti–pokus o integraci. I'93 Casopis 35(1) 1993 5–9.
- 164 KILIMCKA, S. Smerovanie univerzitneho studia knihovnictva a vedekych informacii na Filozofickej fakulte Univerzity Komenskeho v Bratislavia. I'93 Casopsis 35(1) 1993 9–10.
- 165 NOVAKOVA, M. Postgradualne stadium na Katedre knihovnictva a vedeckych informacii FFUK v Bratislava. I'93 Casopsis 35(1) 1993 10–11.
- 166 PIONEERS in the field. Information World Review No.80 April 1993 14–15.
- 167 REARDON, Denis F. Changing with the times: the Information Studies degree at the University of Central England. Rec.Man.Bull. No.46 1993 37–40, 43.
- 168 SOBOTIK, M. Pripravovane trilete balararske stadium knihovnictvi na Slezske univerzite v Opave. I'93 Casopis 35(1) 1993 19–20.
- 169 TEACHING transferable skills for the future. Information World Review No.80 April 1993 13–15.
- 170 UNIVERSITY of Botswana Library and Information Studies. Education for Information 11(4) 1993 339–340.

Modes of study*Part time study*

- 171 BARRON, Daniel L. Perceptions of faculty and administrative staff in ALA accredited programs toward Part–time and Distance students in LIS education. J.Educ.Lib.& Inf.Sci. 34(3) 1993 187–199.

- 172 SEGER, Thomas and KLICK, Michael. Wissenschaftliche Dokumentarinnen und Dokumentare im Beruf. *Nach.Dok.* 44(6) 1993, 333–344.

Distance education

- 173 SHEEHAN, Joy. Just for the record: my involvement with the Registration Certificate. *Educ.Lib.& Inf.Serv.Australia* 10(1) 1993 11–17.
- 174 SHEPPART, Dwight. Going to class, but not going to school: learning from a distance in Oklahoma. *Campus–Wide Information Systems* 10(3) 1993 25–26.

Teaching methods

- 175 ANDERSON, Douglas and NEWTON, Robert. Putting students in the picture. *Education for Information* 11(4) 1993 331–337.
- 176 COCHRANE, Clive. The reactions of lecturers to the potential use of computer conferencing. *Education for Information* 11(4) 1993 307–319.
- 177 ELLIS, David, FORD, Nigel and WOOD, Frances. Hypertext and learning styles. *Electronic Library* 11(1) 1993 13–18.
- 178 EZOVA, S.A. Transaktsionnyi analiz v uchebnom protsesse. *Nauch. Tech.Bib. SSSR* 1 1993 32–37.
- 179 GILLESPIE, Thom. Reunderstanding McLuhan, Multimedia and Me. *J.Educ.Lib.& Inf.Sci.* 34(4) 1993 287–290.
- 180 HALLEIN, Joe. Distance education in librarianship via CD–ROM. *Educ.Lib.& Inf.Serv.Australia* 10(1) 1993 33–36.
- 181 KASAP, V.A. and KOROLEVA, T.A. Graduation paper for the improvement of the students creative activity [In Russian]. *Nauch.Tech.Bib.SSSR* 1993(3) 36–41.
- 182 KIRK, Joyce. Computer-assisted learning and teaching in library and information studies in Australia. *Inf.Proc.& Man.* 29(2) 1993 249–256.
- 183 LAZINGER, Susan S. et al. Using a local area network as an interface to wide area networks in library and information science education. In Raitt, D.I. ed. *Online Information '93 Proceedings 17th International Online Information Meeting London 7–9 December 1993*. Oxford: Learned Information, 1993. ISBN 0–904933–85–7. pp. 651–655.

- 184 NAHL, Diane. Communication dynamics of a live interactive television system for distance education. *J.Educ.Lib.& Inf.Sci.* 34(3) 1993 200–217.
- 185 RAMAIAH, C.K. and MEADOWS, A.J. A study of hypertext teaching to undergraduate students in library and information studies. *Inf.Proc.& Man.* 29(2) 1993 257–262.
- 186 RAMAIAH, Chennupati K. Use of hypertext for teaching and training: a bibliography. *Electronic Library* 11(6) 1993 409–417.
- 187 RITCHIE, Helen. The effects of interaction mode on participation and interaction frequency during televised instruction with two-way audio. *J.Educ.Lib.& Inf.Sci.* 34(3) 1993 218–227.
- 188 VAN DER STARRE, Jan H.E. Library schools and information technology: a European overview. *Inf.Proc. & Man.* 29(2) 1993 241–247.
- 189 VONVILLE, Helena M. and WILSON, Myoung Chung. Simulated online searching on CD-ROM: a valuable education tool. *J.Educ.Lib.& Inf.Sci.* 34(2) 1993 156–159.
- 190 WADE, Stephen. PAPERS: a simple object-oriented text retrieval system. *Education for Information* 11(1) 1993 3–17.

Specialised education

Art librarianship

- 191 BOADEN, Sue. The tyranny of distance: education for art librarianship in Australia. In Proceedings 59th IFLA General Conference Barcelona 1993. Booklet 2 pp.45–46. (Paper 120-ART-E).
- 192 HANNER, Charlotte. Education for art librarianship in the Nordic countries. In Proceedings 59th IFLA General Conference Barcelona 1993. Booklet 2 pp.46–48. (Paper 120b-ART-E).
- 193 IRVINE, Betty Jo. Dual Master's degree in art librarianship, Indiana University, USA. In Proceedings 59th IFLA General Conference Barcelona 1993. Booklet 2 pp.48–49. (Paper 120c-ART-E).
- 194 ROBERTSON, Jack. Education and continuing training for art librarianship: a North American perspective. In Proceedings 59th IFLA General Conference Barcelona 1993. Booklet 2 pp.49–50. (Paper 120d-ART-E).

- 195 STAM, D.C. What do art information professionals want to learn about information technology and how do they want to learn about it? *Art Documentation* 12(1) 1993 3–5.
- 196 TODROS, Rossella. Training for art librarianship in Italy. In *Proceedings 59th IFLA General Conference* Barcelona 1993. Booklet 2 pp.50–51. (Paper 120e-ART-E).
- 197 TUCKER, Louise. Education for art librarianship in UK and Eire. In *Proceedings 59th IFLA General Conference* Barcelona 1993. Booklet 2 pp.53–54. (Paper 120f-ART-E) (N.B. Title and abstract on p.51 above article by Williamson).
- 198 VIAUX, Jacqueline. Le metier de bibliothécaire dans une bibliothèque d'art. *Art Libraries Journal* 18(3) 1993 4–9.
- 199 WILLIAMSON, Mary F. Education for art and culture librarianship in Canada. In *Proceedings 59th IFLA General Conference* Barcelona 1993. Booklet 2 pp.51–52. (Paper 120g-ART-E) (N.B. Article on pp.51–52 although title and abstract on p.53 above article by Tucker).

Business librarianship

- 200 WILLNER, Richard A. Education for library and information management careers in business and financial services. *Library Trends* 42(2) 1993 232–248.

Conservation and preservation librarianship

- 201 CULLINGFORD, A. Conservation and preservation in the professional education of librarians: a discursive overview. *Sheffield: Sheffield University. Dept. of Information Studies*, 1993.

Law librarianship

- 202 HAZELTON, Penny A. Law libraries as special libraries: an educational model. *Library Trends* 42(2) 1993 319–341.

Map librarianship

- 203 WAWRIK, Franz. Basic and continued training of map curators. *Eur.Res. Lib.Coop.* 3(1) 1993 109–116.

Medical and health sciences librarianship

- 204 BRAUDE, Robert M. Impact of information technology on the role of health sciences librarians. *Bull.Med.Lib.Assn.* 81(4) 1993 408–413.
- 205 CRETHER, Sheila D. The health information environment: a view of organizational and professional needs and priorities. *Bull.Med.Lib.Assn.* 81(4) 1993 414–420.
- 206 DETLEFSEN, Ellen Gay. Library and information science education for the new medical environment and the age of integrated information. *Library Trends* 42(2) 1993 342–364.
- 207 GOSS, A.S. and XIAO-CHUN, L. The education of medical librarians in China: the case of Hunan Medical University Faculty of Medical Library and Information Science. *J.Educ.Media & Lib.Sci.* 30(2) 1993 111–121.
- 208 ROPER, Fred W. and MAYFIELD, M. Kent. Shaping medical library education. *Library Trends* 42(1) 1993 25–44.
- 209 ROPER, Fred W. and MAYFIELD, M. Kent. Surveying knowledge and skills in the health sciences: results and implications. *Bull.Med.Lib.Assn.* 81(4) 1993 396–407.
- 210 ROPER, Fred W. and MAYFIELD, M. Kent (eds.). Symposium: Platform for Change: Medical library education in the Information Age. *Bull.Med.Lib.Assn.* 81(4) 1993 394–432.

Music librarianship

- 211 DUGGAN, Mary Kay. Teaching music librarians through very large databases: local online catalogues, OCLC and RLIN. *Fontes Artis Musicae* 40(3) 1993 191–197.
- 212 KRUEGER, Wolfgang. Education and training of music librarians: new European aspects. *Fontes Artis Musicae* 40(3) 1993 185–190.
- 213 KRUEGER, Wolfgang. Neue europäische Aspekte zur Ausbildung von Musikbibliothekaren. *Forum Musikbibliotheken*, 1993.

Public librarianship

- 214 HARBO, Ole. Die Kulturvermittlung durch die Öffentlichen Bibliotheken und die bibliothekarische Ausbildung in Dänemark. In Vodesek, P. and Blum A.

(eds.) Bibliothek-Kultur-Information. Munchen: Saur, 1993 pp.89–101

- 215 LENOX, Mary F. Developing and enhancing multi-ethnic understanding. *J.Educ.Lib.& Inf.Sci.* 34(3) 1993 246–250.
- 216 LEVETT, John. Key competencies and public librarians: shaping a new curriculum. *Aust.Pub.Libs.* 6(2) 1993 53–57.

School and young people's librarianship

- 217 AMEY, Larry. Education for teacher librarians in Canada: a national study. *School Libraries in Canada.* 13(2) 1993 32–34.
- 218 CHAN, Yee Man Annie. Education and training of role perceptions of school librarians in Hong Kong. Thesis: M.Lib. Univiersity of Wales, 1993.
- 219 EVANS, John and ISIKEL, Ismael. Improving the status of teacher librarians in Papua New Guinea. *Education Libraries Bulletin* 36(2) 1993 1–14.
- 220 HUWS, Gwilym and EYRE, Gayner. Training in librarianship for schools and young people. *SLG News No.29* 1993 12–14.
- 221 JOKWAR, A. and KINNELL, M. Educating school librarians in Iran. *Libri.* 43(2) 1993 91–107.
- 222 NAGAKURA, Mieko. School library education in Japan: focussing on the program at Tokyo Gakugei University. *Educ.Lib.& Inf.Serv.Australia* 10(2/3) 1993 26–31.
- 223 REHMAN, Sajjad ur. The training of school resource center personnel in Malaysia: status and prospects. *Asian Libraries* 3(3) 1993 43–55.
- 224 SHARMA, S. School library education programme: scenario of MKP (PG) College Library, Dehra Dun, India. *Educ.Lib.& Inf.Serv.Australia* 10(2/3) 1993 32–41.
- 225 YEE, H.M. Training school librarians for a multicultural Australia. *Aust.Lib. Rev.* 10(2) 1993 153–157.

Serials librarianship

- 226 CARTER, Ruth C. Education for serials: a presentation at the Phinazee Symposium. *Cat.& Class Q.* 16(3) 1993 59–69.
- 227 VAN GOETHEM, Jeri. Education for serials: a practitioner's view. *Cat.& Class Q.* 16(3) 1993 71–77.

Special librarianship

- 228 FISHER, William and MATARAZZO, James M. Professional development for special librarians: formal education and continuing education for excellence. *Library Trends* 42(2) 1993 290–303.
- 229 HILL, Linda L. (ed.) Education for library and information management careers in corporate environments. *Library Trends* 42(2) 1993 Whole issue.
- 230 MacFARLANE, Judy and TEES, Miriam. Special library education and continuing education in Canada. *Library Trends* 42(2) 1993 304–318.
- 231 MIDRIAKOVA, E. Obraz vzdelenavia odbornych knihovnikov. *Kniznice a Informace* 25(8/9) 1993, 400–402.
- 232 OJALA, Marydee. Core competencies for special library managers of the future. *Special Libraries* 84(4) 1993 230–234.
- 233 SCHULTE, Lorraine. Informationsspezialisten der Zukunft. *Nach.Dok.* 44(6) 1993 345–350.
- 234 SEEGER, Thomas. Die Potsdamer Ausbildung in Modellversuch. *INFO* 7 mit VDD Info. 8 1993 24–29.
- 235 TCHOBANOFF, James B. and PRICE, Jack A. Industrial information service managers: expectations of, and support of, the educational process. *Library Trends* 42(2) 1993 249–256.

Teaching individual subjects*Automation*

- 236 MARLOTH, H. EDV – ein Stiefkind der BID Grundausbildung. *Bibliotheksdienst* 27(6) 1993 851–864.

- 237 SCHLEGEL, Jorg. DV–Ausbildung in Fachbereich Buch und Museum der neugegründeten Hochschule für Technik, Wirtschaft und Kultur Leipzig (FH). *Bibliotheksdienst* 27 1993 695–702.

Bibliographic instruction

- 238 SHONROCK, Diana and MULDER, Craig. Instruction librarians: acquiring the proficiencies critical to their work. *Coll.& Res.Lib.* 54(2) 1993 137–149.

Bibliography

- 239 MATTHEWS, Graham and STEPHENS, Derek. Environmental information: a library school review. *FID News Bull.* 43(7/8) 1993 170–171.

- 240 MATTHEWS, G. Teaching information sources. *Assignment* 10(3) 1993 26–28.

Career preparation

- 241 MARKS, Lindon. Career preparation: the 1992 program at Ballarat University College. *Educ.Lib.& Inf.Serv.Australia* 10(1) 1993 27–32

Cataloguing, classification and subject indexing

- 242 CLACK, Doris H. Education for cataloging: a symposium paper. *Cat.& Class Q.* 16(3) 1993 27–37.

- 243 EVANS, Anaclare F. The education of catalogers: the view of the practitioner/educator. *Cat.& Class Q.* 16(3) 1993 49–57.

- 244 JENG, Ling Hwey. From cataloguing to organization of information: a paradigm for the core curriculum. *J.Educ.Lib.& Inf.Sci.* 34(2) 1993 113–126.

- 245 KIEL, E. Further education in knowledge organisation: basic didactic considerations. *Knowledge Organisation*. 20(2) 1993 71–76.

- 246 McALLISTER–HARPER, Desretta. An analysis of courses in cataloging and classification and related areas offered in sixteen graduate library schools and their relationship to present and future trends in cataloging and classification and to cognitive needs of professional academic catalogers. *Cat.& Class Q.* 16(3) 1993 99–123.

- 247 MacDOUGALL, Susan M. A. Cataloguing, classification and indexing: shifting emphases in the E–library. *Educ.Lib.& Inf.Serv.Australia.* 10(1) 1993 5–10.

- 248 RIEMER, John J. A practitioners view of the education of catalogers. *Cat.& Class. Q.* 16(3) 1993 39–48.
- 249 SPELLER, Benjamin F. Jr. Putting theory into practice: an overview of the symposium. *Cat.& Class Q.* 16(3) 1993 1–6.

Collection development

- 250 GORMAN, G.E. Collection development education: an Australian perspective. *Lib.Acq.Prac.& Theory* 17(3) 1993 333–344.

Computing

- 251 BEHESHTI, Jamshid. Computer programming in LIS education: a necessity? *Education for Information* 11(2) 1993 123–136.
- 252 FARAH, Badie N. Teaching data communications and computer networks: a course description. *Education for Information* 11(2) 1993 97–104.
- 253 IRATI, Antonio and BALBY, Claudio Negrão. Computer training in Brazilian library schools. In Jakube, D.L. Latin American Studies into the Twenty First Century. Papers of the 36th Annual Meeting of SALALM San Diego Cal. 1991. New Mexico: SALALM Secretariat, 1993. ISBN 0 9-17617-38-X. pp.347–368.
- 254 LARGE, Andrew. Information technology and education for library and information studies: the challenge. *Can.J.Inf.& Lib.Sci.* 18(1) 1993 23–33.
- 255 STEPHENS, Derek and ROWLAND, Fytton. Initial IT training in Departments of Information and Library Studies in the British Isles: a survey of student views. *Education for Information* 11(3) 1993 189–204.

Ethics

- 256 ETHICS in library/information science education. *North Carolina Libraries* 51(1) 1993 23–27.

Historical bibliography

- 257 BURNETT, Kathleen. Multimedia and historical bibliography: new face or just another face-lift? *J.Educ.Lib.& Inf.Sci.* 34(4) 1993 291–297.

Indexing

- 258 BALLARD, Robert M. Indexing and its relevance to technical processing. *Cat.& Class.Q.* 16(3) 1993 79–88.

Information retrieval

- 259 STILL, Julie M. How online is taught in British and American library schools. In Williams, M.E. (ed.) *Proceedings 14th National Online Meeting* New York 1993. Medford, NJ.: Learned Information, 1993. ISBN 0-938-734-73-3. pp.409–413.

International and comparative librarianship

- 260 BLISS, Nonie J. The emergence of international librarianship as a field. *Libri* 43(1) 1993 39–52.
- 261 DANTON, J. Periam. Comparative studies are alive – but not very well. In Humby, M. (ed.) *Libraries and information services: studies in honour of Douglas Foskett*. London: London University Institute of Education 1993. ISBN 0-900008-27-X pp.67–72

Library history

- 262 NYENG, P. Fortiden har en fremtid. *B70 (Bibliotek 70)* 4 1993 133–136.

Literacy

- 263 DUVAL, Beverley K. and MAIN, Linda. Library education for literacy librarians. *Education for Information* 11(2) 1993 105–121.

Management

- 264 JOHNSON, Ian, HANNABUS, C. Stuart and WILDGOOSE, David M. Management education and training for librarians in Scotland. *IFLA Journal* 19(3) 1993 280–291.
- 265 SANDERS, Roy. Management education and training for professional librarians: preliminary report on research. *Educ.Lib.& Inf.Serv.Australia* 10(1) 1993 37–46.
- 266 TEES, Miriam A. Teaching management to information professionals: a practical approach – guidelines for instructors. *IFLA Journal* 19(1) 1993 292–321.

Marketing

- 267 KLUEV, V. K. Market training of library managers. [In Russian]. Nauch Tek.Bib.SSSR 1993 (3) 26–25.

Media documentation

- 268 HOFMANN, U. Mediendokumentation. Ein neuer Studiengang an der Fachhochschule Hamburg. Bibliotheksdienst 27(6) 1993 893–895.

Multimedia

- 269 LUND, Haakon. Introducing multimedia technology: setting up a new course for librarians. New Library World 94 No.1106 1993 4–7.

Research

- 270 BAKEWELL, Ken. Research in library management. Library Management 14(5) 1993 4–5.

Technical services

- 271 McALLISTER-HARPER, Desretta and SPELLER, Benjamin F. Jr. (eds.). Education for technical services: putting theory into practice for the 1990s. Cat.& Class.Q. 16(3) 1993 Whole issue.

- 272 SAYE, Jerry D. Education for technical services: a summary of the symposium. Cat.& Class.Q. 16(3) 1993 125–141.

Telecommunications

- 273 KOCHTANER, Thomas R. Education for telecommunications: fundamentals for navigating the resources of the Internet. In Williams, M.E. (ed.) Proceedings 14th National Online Meeting New York 1993. Medford NJ, Learned Information, 1993. ISBN 0-938734-73-3. pp.241–247.

Practical work experience

- 274 CHOLDIN, Marianna Tax and SCHNUER, Susan. The Mortenson Center's role in educating and training librarians. In Proceedings 59th IFLA General Conference, Barcelona 1993. Booklet 7 pp.7–11. (Paper 82-SET-E).

Teaching staff / faculty

- 275 AFOLABI, Michael. Sabbatical leave for library and information science educators in Africa. *New Library World*. Vol.94 No.1108 1993 15–18.
- 276 BIGGS, Mary and BIGGS, Victor. Library and information science faculty: their lives as scholars. *Library Quarterly* 63(3) 1993 282–317.
- 277 DAVENPORT, Elisabeth. From hack to hacker: how can scholars prove themselves on the Internet. In Raitt D. I. (ed.) *Online Information '93, Proceedings 17th International Online Information Meeting London 7–9 December 1993*. Oxford: Learned Information, 1993. ISBN 0-904933-85-7. pp.195–203.
- 278 HAVARD-WILLIAMS, Peter. Information professionals at the University of Botswana. *FID News Bull.* 43(10) 1993 242–245.
- 279 JOSEY, E. J. The challenges of cultural diversity in the recruitment of faculty and students from diverse backgrounds. *J.Educ.Lib.& Inf.Sci.* 34(4) 1993 302–311.
- 280 VAN FLEET, Connie. Evidence of communication among public librarians and library and information science educators in public library journal literature. *Lib.& Inf.Sci.Res.* 15(3) 1993 257–274.
- 281 ZIPKOWITZ, Fay and FUTAS, Elizabeth. Faculty replacement in library schools. *Education for Information* 11(1) 1993 19–34.

Students

- 282 BENEFIEL, Candace R., DA CONTURBIA, Sandra and LAGRANGE, Johanne. Recognizing and rewarding excellence: a scholarship program for student workers. *American Libraries* 24(9) 1993 812–814, 816.
- 283 BERRY, John. Rita Ormsby: career changer. *Library Journal* 118(17) 1993 33.
- 284 DOSA, Marta. Recruitment of international students: suggestions from Syracuse. *J.Educ.Lib.& Inf.Sci.* 34(2) 1993 99–112.
- 285 JENNINGS, Kriza A. Overcoming obstacles to recruiting minorities to librarianship Part 1. *ARL* No.168 May 1993 3. Part 2 No. 169 July 1993 9.
- 286 JUROW, Susan. Minority recruitment: assuring diversity in the workplace. *ARL* No.166 Jan. 1993 11–12.
- 287 LIBRARY scholarship and award recipients 1992. In *Bowker Annual*, 38th ed.

1993. New Providence, N.J.: R. R. Bowker, 1993. ISBN 0-8352-3345-6. pp.386–403.
- 288 LIBRARY scholarship sources. In Bowker Annual, 38th ed. 1993. New Providence, N.J.: R.R. Bowker, 1993. ISBN 0-8352-3345-6. pp.383–385.
- 289 McCOOK, Kathleen de la Pena and GEISTI, Paula. Diversity deferred: where are the minority librarians? *Library Journal* 118(18) 1993 35–38.
- 290 NASRI, William Z. International students: what do we owe them? *J.Educ. Lib.& Inf.Sci.* 34(1) 1993 75–78.
- 291 OLIA, Fatemeh and WAKEFIELD, Judith. Are we ready for year 2001: a survey of student perceptions. *Techtrends* 38(4) 1993 27–30.

Library and information schools and departments – individual schools*Czech Republic*

- 292 MACHYTKA, J. Nove trendy ve vzdelavani na stredni knihovicke skole v Prague. I'93 *Casopis* 35(1) 1993 11–19.

Denmark

- 293 DANMARKS Biblioteksskole. In *Biblioteksarborg '92*. Dansk Biblioteks Center, 1993. ISBN 87-552-2063-0. pp.8–11.
- 294 HARBO, O. Dansk bibliotekaruddannelse flot placeret i udlandet. *DF Revy* 16(6) 1993 161–162.

Fiji

- 295 RAINES, Melvin D. The University of the South Pacific looks ahead to the year 2000. *J.Educ.Lib.& Inf.Sci.* 34(1) 1993 82–85.

Germany

- 296 FHB Stuttgart: Tradition und Forstschrift: Jahresbericht 1992. Buch u.Bib. 45 1993 202–203.
- 297 HACKER, Rupert. Bayerische Beamtenfachhochschule, Fachbereich Archiv- und Bibliothekswesen: Jahresbericht, 1992. *Bibl.Forum Bayern* 21 1993 70–71.

- 298 INFORMATION studies moves East. *Information World Review*. No.80 April 1993 12–13.
- 299 KRUEGER, Wolfgang. Auftrag fur die Ausbildung: 50 Jahre Fachhochschule fur Bibliothekswesen Stuttgart. *Bibliothek* 17(1) 1993 246–249.
- 300 LEISTNER, Steffi. Sachsens Fachhochschulbibliotheken – Rückblick und Bestandaufnahme. *Bibliotheksdiest* 27(11) 1993 1673–1677.
- 301 PLASSMAN, Engelbert. *Bibliothekarisches Studium in Leipzig. Zeit.Bib.u.Bib.* 40 1993 307–310.
- 302 SCHLEGEL, J. Neues Informatiklabor in Leipzig übergeben. *Bibliotheksdiest* 27(6) 1993 896–897.
- 303 SCHNEEHORST, Susanne. Multikulturelle Bibliotheksarbeit: Angebot an der FHB Stuttgart. *FHB Aktuell*. 1993 (1) 3–4.
- 304 SEEGER, Thomas. Neubeginn und Tradition: zur Ausbildung am Institut für Information und Dokumentation in Potsdam. In *Deutsch Dokumentartag*, 1992. Frankfurt am Main, 1993. pp.285–296.
- 305 VODOSEK, P. et al. Wir fuhlen uns noch keinesswegs alt: Fünfzig Jahre Fachhochschule für Bibliothekswesen Stuttgart. *Buch und Bib.* 45(2) 1993 112–157.

New Zealand

- 306 FORTY years on. *Library Life*. No.175 Nov. 1993. 4.

Norway

- 307 FAGERLI, Hans Martin. Bibliotekarutdanning i Tromsø. *Synopsis*. 24(3) 1993 129–130.

South Africa, Republic of

- 308 OLEN, Sandra. Department of Information Science at the University of South Africa. *Educ.Lib.& Inf.Serv.Australia* 10(2/3) 1993 23–25.

Spain

- 309 CURRAS, Emilia. Information science in the Universidad Autónoma de Madrid: developments with the times. *Education for Information* 11(3) 1993 205–215.

United Kingdom

- 310 KONIGOVA, M. Vyuka informacni vedy na City University. I'93 Casopis. 35(7/8) 1993 200–202.

United States

- 311 ST.LIFER, Evan and ROGERS, Michael. UC–Berkeley library school teeters on the verge of extinction. Library Journal 118(4) 1993 14.
- 312 TRMAC, P. Pojeti knihovnickych a informachnich studii na Pittsburghske univerzite. I'93 Casopis 35 (7/8) 1993 202–203.

PROFESSIONAL AND PARAPROFESSIONAL QUALIFICATIONS

- 313 DAKERS, Hazel. National Vocational Qualifications (NVQs): the impact they are likely to make on libraries and information departments in the United Kingdom. New Library World Vol.94 No.1110 1993 19–22.
- 314 DE BEER, J. Technikon RSA National Diploma in Library and Information Practice. Cape Librarian 37(1) 1993 24–25.
- 315 DWYER, Jane. How was it for you? Assistant Librarian 86(1) 1993 12.
- 316 FISHER, Carole. Certificate in Personnel Practice -developing expertise to meet personal and organisational needs. Per.Train.& Educ. 10(3) 1993 8–9
- 317 HINTON, Colin. NVQs – qualification without pain? Rec.Man.Bull. No.55 1993 26.
- 318 MATOUSOVA, M. O kvalifikaci. I'93 Casopis 35(1) 1993 1.
- 319 PARAPROFESSIONALI? No grazie: un forum organizzato da Biblioteche Oggi. Biblioteche Oggi 11(4) 1993 14–21.
- 320 PRIESTLEY, John. SNVQs and the work of the ILS-Lead Body. COPOL Newsletter No.61 1993 14–16.
- 321 SCHWARZER, Marianne and KAEGBEIN, Paul. Özel kutuphanecilerin Meslek Özellikleri. Türk Katuphaneciliği 42(1) 1993 53–59.

- 322 STEELE, Donald. Standards for vocational qualifications: a trainers view. *Lib.& Inf.Asst.* 5(2) 1993 16–19.
- 323 WARD, Sue. National Vocational Qualifications. *SLG News No.29* 1993 15–19.

CAREER DEVELOPMENT

- 324 BAGNALL, Carol. On becoming an ex-librarian. *Librarian Career Development* 1(4) 1993 19–20.
- 325 BAUWENS, Michael. Continuing Professional Development: an update on sources. *Bus.Inf.Rev.* 10(2) 1993 65–67.
- 326 BEARD, Anthony. ERASMUS: its place in professional education. *Librarian Career Development* 1(4) 1993 8–10.
- 327 BIRKINSHAW, Dawn. The framework for Continuing Professional Development: an employee's perspective. *Per.Train.& Educ.* 10(1) 1993 6.
- 328 CLARK, A.J. LIBEX (Bureau for International Library Staff Exchange) Annual Report 1992. *Focus Int.& Comp.Lib.* 24(1) 1993 36–38.
- 329 CLEEVE, Marigold. "I was just a cataloguer until I discovered secondment" the practicalities of the Smirnoff factor in a librarian's career development. *Librarian Career Development* 1(3) 1993 16–18.
- 330 CORRALL, Sheila. Mentoring: the role of PTEG in promoting continuous development. *Per.Train.& Educ.* 10(3) 1993 6–7.
- 331 FIELD, Judy and MOSENKIS, Sharon L. Your quest for a mentor. *Lib.Man.Q.* 16(2) 1993 7–8.
- 332 GREER, Paul. The place of information in career choice. *Librarian Career Development* 1(4) 1993 4–7.
- 333 JONES, Christine J. Charting a path for health science librarians in an integrated information environment. *Bull.Med.Lib.Assn.* 81(4) 1993 421–424.
- 334 KIRK, Roy. Exchange is no robbery: an account of an exchange of experience experiment at professional and para-professional level. *Librarian Career Development* 1(3) 1993 19–22.

- 335 MAYFIELD, M. Kent. Beyond the classroom: self direction in professional learning. *Bull.Med.Lib.Assn.* 81(4) 1993 425–432.
- 336 MORRIS, Beryl. Making a swap: making the most of secondments. *Librarian Career Development* 1(3) 1993 23–25.
- 337 NOON, P. and CLEGG, S. Preparing for the top: is an MBA worth the effort? *Librarian Career Development* 1(1) 1993 20–24.
- 338 NORMAN, Sandy. The importance of IT in women's career development. *Librarian Career Development* 1(2) 1993 20–24.
- 339 PANTRY, Sheila. You and your career, or, Whose Job is it anyway. In Foreman, L. (ed.) *Market testing and after: effective library and information services in the '90s*. London: HMSO, 1993. ISBN 0-11-887545-0. Also published as *State Librarian* 41(3) 1993 52–59.
- 340 REDFERN, Margaret. The framework for Continuing Professional Development. *Per.Train.& Educ.* 10(1) 1993 4.
- 341 REDFERN, M. I wannabe: the framework for continuing professional education. *Library Career Development* 1(1) 1993 5–8.
- 342 SCHOOLBRED, Michael. NLP: searching for personal excellence. *Per.Train.& Educ.* 10(3) 1993 3–5, 7.
- 343 SINGH, Dev Raj. Library professionals' response towards need for enhancing qualifications: an analysis. *ILA Bulletin* 28(3/4) 1993 61–73.
- 344 SMITH, Alison. Employer sponsorship of MBAs. *Library Career Development* 1(4) 1993 21–28.
- 345 SMITH, Chris. The framework for Continuing Professional Development: implications for employers. *Per.Train.& Educ.* 10(1) 1993 5.
- 346 THOMPSON, Varena. Time for a change. *Librarian Career Development* 1(4) 1993 16–18.
- 347 VAN DAM, Jean Claude. Les expériences de jumelages et d'échanges internationaux de la Médiathèque de Corbeil-Essones. *Bull.Inf.ABF* No.158 1993 39–40.
- 348 WEBB, Sylvia. Personal development. *Lib.& Inf.Asst.* 5(2) 1993 3–6.

- 349 WILLIAMS, Tim and DAVIS, Pat. Springboard: a personal development course for women. *Per.Train.& Educ.* 10(1) 1993 8–9.
- 350 WILLIS, Liz and DAISLEY, Jenny. The Springboard women's development programme. *Librarian Career Development* 1(2) 1993 5–11.

CONTINUING EDUCATION

- 351 CHAUDHRY, Abdus Sattar, ASHOOR, Mohammad Saleh and REHMAN, Sajjad Ur. Development and implementation of an in-house continuing education program in an academic library. *Education for Information*. 11(1) 1993 47–56.
- 352 ESPINOS, Montserrat. Continuing library education needs in Spain: results of a survey. In *Proceedings 59th IFLA General Conference*, Barcelona, 1993. Booklet 7 pp.11–16. (Paper 24-RTCPE-E).
- 353 ESPINOS, Montserrat, ESTIVILL, Assumpcio. Necessitats d'educació continua en biblioteconomia i documentació a Espanya: resultats d'una enquesta. Item No.13 1993 61–94.
- 354 EVANS, John. The market in the gap: continuing education in the South Pacific background. *IFLA Journal* 19(1) 1993 59–66.
- 355 FIGUEIREDO, Nice. Continuing education in Brazil: overview from the past and perspective for the future. *Education for Information* 11(4) 1993 321–329.
- 356 La FORMATION continue en documentation. *L'Écluse*. 5(4) 1993 7.
- 357 HAVARD-WILLIAMS, Peter. Professional development from an African point of view. *Librarian Career Development* 1(3) 1993 9–15.
- 358 IFLA Continuing Professional Education Round Table Annual Report 1991/92. In *IFLA Annual 1992. Proceedings of the 58th General Conference New Delhi 1992*. Munich: K.G. Saur, 1993. ISBN 3-598-20673-9. pp.200–202.
- 359 LALLY, Kaye. Cooking the continuing education cake. *New Zealand Libraries*. 47(6) 1993 118–119.
- 360 LAZINGER, Susan S. and PERITZ, Bluma C. Managing multilinguality: Israel's retraining course for new immigrant librarians. *Education for Information* 11(3) 1993 181–188.

- 361 NWALI, L.O. Managing academic library seminars. *Library Review* 42(4) 1993 39–44.
- 362 O'CONNOR, Daniel O. Continuing education for technical services. *Cat.& Class.Q.* 16(3) 1993 143–149.
- 363 ROCHESTER, Maxine K. and NICHOLSON, Fay. The Second World Conference on Continuing Professional Education Barcelona 19–21 August 1993. *Educ.Lib.Inf.Serv.Australia* 10(2/3) 1993 52–55.
- 364 WEBSTER, Diane E. Anticipating the future library: strengthening collaboration and communication among the providers of continuing professional education. In *Proceedings 59th IFLA General Conference, Barcelona 1993*. Booklet 7 pp.16–18. (Paper 49–RTCPE–E).
- 365 WEINGAND, Darlene E. Continuing education [column]. *J.Educ.Lib.& Inf.Sci.* 34(3) 1993 251–252.
- 366 WEINGAND, Darlene E. Reconceptualizing continuing education. *J.Educ.Lib.& Inf.Sci.* 34(2) 1993 160–161.
- 367 WOOLLS, B. Continuing professional education: an IFLA guidebook. Munich: K.G. Saur, 1993 ISBN 3-598-21784-6.
- 368 WORLD Conference on Continuing Education for the Library and Information Science Profession (2nd. 1993: Barcelona). Continuing professional education and IFLA: past, present, and a vision for the future. (ed.) Blanche Woolls. Munchen: K.G. Saur, 1993. ISBN 3-598-21794-3. (IFLA Publications 66/67).

IN-SERVICE TRAINING

General

- 369 ANDERSON, B. and HUANG, S. T. Impact of new library technology on training paraprofessional staff. *Reference Librarian* 39(1993) 21–29.
- 370 BARRY, Tom. The manager as coach. *Librarian Career Development* 1(1) 1993 9–12.
- 371 BRIDGLAND, Angela. Award restructuring: the Training Guarantee Act and staff development. *Aust.Lib.J.* 42(3) 1993 205–213.

- 372 CASTELYN, Mary. Promoting excellence: personnel management and staff development in libraries. London: Bowker Saur, 1993. ISBN 0-86291-606-2.
- 373 DIXON, Rose. Training and information. *Aslib Information* 21(2) 1993, 60-62.
- 374 ELDER, David. Going private: the provision of external training. *State Librarian* 41(3) 1993 39-44.
- 375 GIBBS, Peter. Filling the gap: internal training for librarians in the Ministry of Defence. *State Librarian* 41(3) 1993 7-12.
- 376 GODDARD, Catriona. Multigrade courses: theory and practice. *State Librarian* July 1993 32-38.
- 377 GRUMLING, Dennis K. and SHEEHY, Carolyn A. Professional Development Program: training for success within academic librarianship. *Coll.& Res.Lib.* 54(1) 1993 17-24.
- 378 JORDAN, Peter. Training and staff development under pressure. *COPOL Newsletter* No.62 1993 74-77.
- 379 KERR, Linda. Performance and potential of librarians: a case study of training programmes in the Ministry of Defence. London: HMSO, 1993. ISBN 0-11-887543-4. *State Librarian* 41(3) 1993 Whole issue.
- 380 KERR, Linda. Support staff training: a worthwhile investment. *State Librarian* 41(3) 1993 26-31.
- 381 KOENIG, Marie-Hélène. Formation et relations internationales: L'expérience de la médiathèque de la cité des sciences et de l'industrie. *Bull.Inf.ABF.* No.158 1993 28-31.
- 382 MacLEOD, Roderick A. and CHIWARE, Elisha R.T. Lessons to be learned: information technology training in a developing country academic library. *Library Management* 16(6) 1993 24-30.
- 383 NOON, Patrick and CLEGG, Susan. PTEG submission to the Follett Committee. *Per.Train.& Educ.* 10(2) 1993 9, 11.
- 384 OLDROYD, Margaret. The management of staff development and training in the libraries of the new universities. Thesis (M.Lib.): University of Wales, 1993.
- 385 PHILLIPS, Steven. Evaluation. London: Library Association, 1993. ISBN 1-85604-079-8 (Library training guides).

- 386 SEARLE, Richard. Training in the Ministry of Defence Libraries: by librarians for librarians. *State Librarian* 41(3) 1993 5–6.
- 387 SIMMONDS, Penny. Certificate in Training and Development. *Librarian Career Development* 1(3) 1993 26–27.
- 388 TUCKER, Martin. The Ministry of Defence Head Quarters Libraries Training Plan. *State Librarian* 41(3) 1993 13–17.
- 389 URQUHART, Chris. Training needs analysis – in the South Wales. *Libraries for Nursing Bulletin* 13(2) 1993 18.
- 390 WEDERHAKE-GOTTSCHALK, Monika. Frauenspezifische bibliothekarische Fortbildung. *Bibliotheksdiest* 27 1993 396–401.
- 391 WILLIAMSON, Michael. Training needs analysis. London: Library Association, 1993. ISBN 1-85604-077-1. (Library training guides).
- 392 WOODS, Paul. Induction and Grade by Grade courses: theory and practice. *State Librarian* 41(3) 1993 18–25.

Specialised training

Bibliographic instruction

- 393 BURNHAM, P. Fine-tuning classroom techniques: a peer coaching experience. *Research Strategies* 11(1) 1993 42–46.
- 394 LA GUARDIA, C. et al. Learning to instruct on the job – team teaching library skills. *Reference Librarian* No.40 1993 53–62.

Cataloguing

- 395 FORD, Barbara J. Training non-cataloguers about cataloguing. *Int.Cat. &.Bib. Cont.* 22(2) 1993 26–28.

Collection development

- 396 CASSERLY, Mary F. and HEGG, Judith L. A study of collection development personnel training and evaluation in academic libraries. *Lib.Acq.Prac.& Theory* 17(3) 1993 249–262.

Hypertext

- 397 BAYNE, Pauline S. Computer-based training for library staff: from demonstration to continuing program. *Library Hi Tech.* 11(3) Issue 43 1993 51–56.

Indexing

- 398 EDWARDS, Shirley. Indexing practices at the National Agricultural Library. *Cat.& Class.Q.* 16(3) 1993 89–97.

Induction

- 399 PARRY, Julie. *Induction*. London: Library Association, 1993. ISBN 1-85604-07-X. (Library training guides).

Interpersonal skills

- 400 LEVY, Philippa. *Interpersonal skills*. London: Library Association, 1993. ISBN 1-85604-081-X. (Library training guides).

Management

- 401 AVRAEVA, Y.B. Podgotovka menedzherov dlya bibliotek. *Nauch. Tek.Bib.SSSR* 1 1993 22–32.

- 402 BURRINGTON, Gill. Mentors – a source of skill, strength and enthusiasm. *Lib.Ass.Rec.* 95(4) 1993 226–227.

- 403 DZHERELIESKAYA, I.K. Model ‘sistemy podgotovki menedzherov. *Nauch.Tek.Bib.SSSR* 2 1993 3–18.

- 404 FIELD, Judith and MOSENKIS, Sharon. Mentors or management buddies? Part.III. The need for a mentor or management buddy is not just for the young or inexperienced! *Lib.Man.Q.* 16(1) 1993 7–9.

- 405 HARRIS, Roma M. The mentoring trap. *Library Journal* 118(17) 1993 37–39.

- 406 MALLEY, I. Preparing for the top: the British Library’s policy-making and strategic management course. *Librarian Career Development* 1(2) 1993 25–27.

- 407 MALLEY, I. Top management training for librarians. *British Book News* April 1993 230–231.

- 408 MARTIN, Di. The British Library's Policy-Making and Strategic Management Course: an autobiographical view. *Librarian Career Development*. 1(2) 1993 28–30.

- 409 ROUSE, Mary Ellen. Mentoring. *New Jersey Libraries* 26(2) 1993 13–15.

Mobile libraries

- 410 HUDSON, Andrew. Recruitment and training on mobile libraries. *Service Point No.56* 1993 9,11,13.

Networking skills

- 411 SILVA, Marcos and CARTWRIGHT, Glenn F. The design and implementation of Internet seminars for library users and staff at McGill University. *Education for Information* 11(2) 1993 137–146.

Preservation

- 412 LUND, R. Problem books and maps. *Cape Librarian* 37(2) 1993 25.

- 413 RIEMER, Janet T. Preservation internship at Cornell University. *Con. Admin.News No.52* 1993 6–7.

Public services training

- 414 KNOX, Jeanette. Selection and training of user services staff at Macquarie University Library. *Aust.Lib.Rev.* 10(1) 1993 36–44.

Reference skills

- 415 McCRANK, L. J. Reference expertise; paradigms, strategies and systems. *Reference Librarian* No.40 1993 11–42.

- 416 McDANIEL, Julie Ann and OHLES, Judith K. Training paraprofessionals for reference service: a how-to-do-it manual for librarians. New York: Neal Schuman, 1993. ISBN 1-55570-084-5. (How-to-do-it manuals for libraries no.30).

School librarianship

- 417 RIGG, Anne. Training for the non-specialist. *School Librarian* 41(2) 1993 52.

Serials management

- 418 CARVOSSO, E. Library technicians and serials management: training and practice in Australia. *Aust.& N.Z.J.Ser.Lib.* 4(1) 1993 17–26.
- 419 HILL, Bonnie Nayeh. Basic training for survival. *Serials Librarian* 23(3/4) 1993 261–264.

Technical services

- 420 FLOWERS, Kay. The maturing worker in technical services. *J.Lib. Admin.* 18(3/4) 1993 145–158.

Total quality management

- 421 LONEY, Tim and BELLEFONTAINE, Arnie. TQM training: the library service challenge. *J.Lib.Admin.* 18(1/2) 1993 85–95.

Use of computers

- 422 RIVKAH, K. S. Training for automation in Washington's rural libraries: rural libraries, CD-ROMs, training. *Computers in Libraries* 13(2) 1993 43–44.

ROLE OF ASSOCIATIONS AND SOCIETIES IN LIBRARY EDUCATION AND TRAINING

- 423 BOWDEN, Russell. The Library Association in Europe and professional mobility. *UC&R Newsletter* No.39 1993 2–7.
- 424 CLEGG, Susan M. The Supervisor's Liaison Network. *Per.Train.& Educ.* 10(2) 1993 6–7.
- 425 CORRALL, Sheila. The framework – making it work. *Per.Train.& Educ.* 10(2) 1993 3–5.
- 426 EAGLE, Selwyn. Not the Citizens' Charter (but the LA's). *Assistant Librarian* 86(4) 1993 60–61.
- 427 EUCLID statutes. *Education for Information* 11(1) 1993 69–72.
- 428 HÜTTEMANN, Lutz. The training of African information personnel: DSE's past activities and future plans. *Afr.J.Lib.Arch.& Inf.Sci.* 3(1) 1993 69–74.

- 429 IFLA. Section on Education and Training Annual Report 1991/92. In IFLA Annual 1992 Proceedings of the 58th General Conference New Delhi 1992. München K.G. Saur, 1993. ISBN 3-598-20673-9. pp.132–134.
- 430 ROBERTS, Winston. IFLA activities in support of librarianship in Africa. Afr.Res.& Doc. No.61 1993. 1–11.
- 431 ROCHESTER, Maxine K. The Universal Library: report on the 59th IFLA Conference. Barcelona 22–28 August 1993. Educ.Lib.Inf.Serv.Australia 10(2/3) 1993 50–52.
- 432 SHRIGLEY, Roger. Under scrutiny. Per.Train.& Educ. 10(1) 1993 10.
- 433 WEINBERG, Bella Hass. American Society of Indexers: history, activities and relationship to ASIS. Bull.ASIS 19(3) 1993 23–24.
- 434 WORMELL, Irene. FID Education & Training Committee (FID/ET) Chair reporting from Copenhagen. FID News Bull. 43(9) 1993 192–193.

EDUCATION AND TRAINING FOR RELATED OCCUPATIONS*Archives and records management*

- 435 ARCHIVES and electronic records: research and education: The University of Pittsburgh. Bull.ASIS 20(1) 1993 21–22.
- 436 AUSBILDUNGS– und Studiengänge im Bereich Bibliothek– Information und Documentation– Archiv. 9. Ausgabe. Nach.Dok. 44(5) 1993 293–317.
- 437 BAWDEN, David. Records management: a newly-born profession? Rec.Man.Bull. No.58 1993 11–12.
- 438 BEARMAN, Toni Carbo. The education of archivists: future challenges for schools of library and information science. J.Educ.Lib.&.Inf.Sci. 34(1) 1993 66–74.
- 439 BENNETT, Richard. Records management in the year 2000. Rec.Man.Bull. No.59 1993 3–6.
- 440 CAUNT, June. Professional records management education in Australia. Educ.Lib.& Inf.Serv.Australia 10(2/3) 1993 3–14.

- 441 CONWAY, Paul. Effective continuing education for training the archivist. *J.Educ.Lib.& Inf.Sci.* 34(1) 1993 38–47.
- 442 COX, Richard J. From the guest editor: pushing out along new lines. *J.Educ.Lib.& Inf.Sci.* 34(1) 1993 3–7.
- 443 CRAIG, Barbara L. Archives theory, archival practice, archives history: three solitudes or a trinity? *Can.J.Inf.& Lib.Sci.* 18(4) 1993 36–49.
- 444 DAVIS, Susan E. Continuing education for archivists: a status report. *J.Educ.Lib.& Inf.Sci.* 34(1) 1993 79–81.
- 445 DELSALLE, Paul. La formation des archivistes municipaux à l'animation culturelle. *La Gazette des Archives* No 160–161 1993 47–51.
- 446 DLAMINI, Julius S. Records management in Swaziland. Thesis (M.Phil) University College London, 1993.
- 447 DURANTI, Luciana. The archival body of knowledge: archival theory, method and practice and graduate and continuing education. *J.Educ.Lib.& Inf.Sci.* 34(1) 1993 8–24.
- 448 The EDUCATION and training of archivists: some responses. *J.Soc.Arch.* 14(2) 1993 111–115.
- 449 The EDUCATION and training of archivists – a blueprint for the future. *J.Soc.Arch.* 14(1) 1993 3–5.
- 450 ERICSON, Timothy L. “Abolish the recent”: the progress of archival education. *J.Educ.Lib.& Inf.Sci.* 34(1) 1993 25–37.
- 451 GOMEZ, Pedro Lopez. La formación archivística y el problema de los especialistas y/o generalistas. *Boletín ANABAD* 43(1) 1993 153–158.
- 452 HARDCASTLE, Shelley. Training for records managers. *Rec.Man.Bull.* No.56 1993 41–43.
- 453 HARE, Catherine. A new course in records management at the University of Northumbria. *Rec.Man.Bull.* No.55 1993 27.
- 454 JONES-EVANS, Angela. The development of training and education standards in records management in the UK. *Rec.Man.Bull.* No.59 1993 16–19.

- 455 KAIMA, Sam. Certificate in Information Studies (Records Management): a review after two years. COMLA Newsletter No.79 1993 19–23.
- 456 MNJAMA, Nathan M. Archives and records management in Africa. *Information Development* 9(1/2) 1993 83–86.
- 457 RESEARCH and education: the University of Pittsburgh. *Bull.ASIS* 20(1) 1993 21–22.
- 458 SHEPHERD, Elizabeth. Training for the future: a discussion. *Rec.Man.Bull.* No.57 1993 9,11.
- 459 STEPHENSON, M.S. The function and content of research methods in graduate archival studies education. *Archivaria* 35 1993 190–202.
- 460 STIELOW, Frederick J. The impact of information technology on archival theory: a discourse on automation pedagogy. *J.Educ.Lib.& Inf.Sci.* 34(1) 1993 48–65.
- 461 VAN CAMPEN, Marcel. De archivaris in het informatietijdperk. Standpunt van een bedrijfsarchivaris. *Bibliotheek & Archiefgids* 69(4) 1993 199–205.

Computer science

- 462 KLING, Rob. The current state of computer science. *Bull.ASIS* 19(5) 1993 11–13.

Documentalist

- 463 KALSETH, K. Dokumentalist– en ny yrkesgruppe. *Synopsis* 24(2) 1993 111–112.
- 464 VAN BATTUM, Saskia and KREKELBERG-KROPMANS, Mariette. Uit de praktijk van...de documentation administer. *Open* 25(9) 1993 324–326.

Health information management

- 465 BRITTAINE, Michael and MAGGS, Jill. Ships in the night. *British Journal of Healthcare Computing and Information Management* 10(7) 1993 20–22.

Information officer

- 466 ADVISING on the environment. *Information World Review* No.80 April 1993 16–17.

Information resources management

- 467 WILLARD, Nick. *Information Resources Management*. *Aslib Information* 21(5) 1993 201–205.

Online services – sales executive

- 468 MARKETING online services. *Information World Review* No.80 April 1993 16.

Publishing

- 469 SMITH, D. Mapping a professional path in publishing: the British approach. *Logos* 4(2) 1993 73–77.

EMPLOYMENT MARKET PLACE

- 470 ALEMNA, Anaba A. Professional education and subsequent careers: a follow-up study of former students of the Department of Library and Archival Studies, University of Ghana, Legon. *Education for Information* 11(1) 1993 57–63.
- 471 BOON, J.A., BRITZ, J.J. and DE LANGE, M. Size of the information sector in South Africa. *S.Afr.J.Lib.& Inf.Sci.* 61(3) 1993 109–123.
- 472 BURRINGTON, G. Equally good: women in British librarianship. AAL Publishing, 1993. ISBN 0-900092-83-1.
- 473 CRONIN, Blaise, STIFFLER, Michael and DAY, Dorothy. The emergent market for information professionals: educational opportunities and implications. *Library Trends* 42(2) 1993 257–276.
- 474 FRASER, Veronica. Equal opportunities in the library profession. *Librarian Career Development* 1(2) 1993 15–16.
- 475 FREEMAN, Mike and LEE, Gloria L. Perfect fit? Investigating the alleged mismatch between LIS schools and the needs of the HE LIS sector as employers in England and Wales. London: British Library, 1993. (BLR&D Department Report No.6106).

- 476 GDOURA, Wahid and BOUAZZA, Abdelmajid. Les besoins en personnel dans le secteur documentaire en Tunisie. *Documentaliste* 30(1) 1993 42–43, 45–47.
- 477 GREEN, Clare. The glass ceiling. *Lib.& Inf.Asst.* 5(2) 1993 15–16.
- 478 IVEY, Dorothy L. Trends in job opportunities in libraries in South Africa: an exploratory study. *S.Afr.J.Lib.& Inf.Sci.* 61(1) 1993 43–47.
- 479 JAGO, Alison. Join the team: recruiting for information professionals. *Library Management* 14(1) 1993 31–34.
- 480 JONES-QUARTEY, Theo S. and BYUNN, Kit. S. Ethnic minorities in librarianship: a selected bibliography. *Special Libraries* 84(2) 1993 104–111.
- 481 LAQUEUR, M. New markets for information professionals. *Lib.& Inf.Res.News* 16(57) 1993 17–18.
- 482 LYNCH, Mary Jo. Librarians salaries: increasing at a decreasing rate. *American Libraries* 24(10) 1993 945.
- 483 LYNCH, Mary Jo. and LANCE, Keith Curry. M.L.S. librarian in public libraries: where are they and why it matters. *Public Libraries* 32(4) 1993 204–207.
- 484 MORRIS, Beryl. Training and development for women. London: Library Association, 1993. ISBN 1-85604-080-1. (Library training guides).
- 485 MOUNT, Ellis. Opening new doors: alternative careers for librarians. Washington D.C.: Special Libraries Association, 1993. ISBN 0-87111-408-9.
- 486 MUNN, Ralph. It is a mistake to recruit men. *Library Journal* 118(19) 1993 S10.
- 487 MYERS, Margaret. Guide to employment sources in the library and information professions. In *Bowker Annual* 38th ed. 1993. New Providence, N.J.: R. R. Bowker, 1993. ISBN 0-8352-3345-6. pp.309–321.
- 488 NANKIVELL, M. Clare. Alternative careers: information workers, skills and futures. *Librarian Career Development* 1(3) 1993 4–8.
- 489 NANKIVELL, Clare. LA setting the agenda on equal opportunity issues. *Lib.Ass.Rec.* 95(5) 1993 288.
- 490 NIEBOHR, Marjolein. "Juffrouw bits": denkbeelden in Nederland over de (on)geschiktheid van vrouwen voor het bibliotheekberoep: 1900–1940. *Open* 25(9) 1993 319–323.

- 491 OBERG, Larry R. Spazio per il personale paraprofessionale nelle biblioteche universitaire: impressioni e realtà. *Biblioteche Oggi* 11(2) 1993 49–52.
- 492 POYNDER, Richard. Focus on careers in the information industry. *Information World Review* No.80 April 1993 12–19.
- 493 SIMON, Hans-Reiner. Computerberufe und Informationsberufe: versuch eines Statusberichtes durch Beobachtung des Stellenmarktes. *ABI Technik* 13(2) 1993 121–124.
- 494 SIMON, Jane. Career patterns of academic librarians in Brisbane. *Aust.Lib.J.* 42(3) 1993 196–204.
- 495 The SKILLS employers want. *Information World Review*. No.80 April 1993 19.
- 496 SMITH, Angela. Job hunting in the '90s. *Aslib Information* 21(7/8) 1993 284–285.
- 497 TRAUTH, E.M., FARWELL, D.W. and LEE, D. The IS expectations gap: industry expectations versus academic preparation. *Man.Inf.Syst.Q.* 17(3) 1993 293–308.
- 498 WHITTAKER, Lesley. Women managers – the way forward. *Librarian Career Development* 1(2) 1993 12–14.
- 499 WOODLEY, Christopher. The recruitment and retention of minority ethnic staff in public libraries: proof positive. *Librarian Career Development* 1(2) 1993 17–19.
- 500 ZIPKOWITZ, Fay. Placements and salaries 1991: jobs tight, salaries holding. In Bowker Annual 38th ed. 1993. New Providence, N.J.: R.R. Bowker, 1993. ISBN 0-8342-3345-6. pp.332–341.
- 501 ZIPKOWITZ, Fay. Placements and salaries 1992: fewer graduates but salaries climb. *Library Journal* 118(17) 1993 30–32, 34–36.

NAME INDEX

- AALISS *see* Association of African Library and Information Studies Schools
- AALL *see* American Association of Law Libraries
- Abramov, K. I., 117
- Abubakar Tafawa Balewa University Library, 361
- Afolabi, M., 275
- AIIP *see* Association of Independent Information Professionals
- Aina, L.O., 053, 054
- Ainscough, P.J., 119, 120
- ALA *see* American Library Association
- Alema, A.A., 003, 470
- ALISE *see* Association for Library and Information Science Education
- Aman, M.M., 125
- Ameny, R. Ogwang *see* Ogwang-Ameny, R.
- American Association of Law Librarians. Guidelines for Graduate Programs in Law Librarianship, 202
- American Library Association, 140, 148, 171, 482
- American Society for Information Science, 037, 044, 433
- American Society of Indexers, 433
- 1st American/South Asian Librarians Conference, 048
- Amey, L., 217
- Anderson, B., 369
- Anderson, D., 175
- Anthony Thompson Award, 051
- Ashoor, M.S., 351
- ASIS *see* American Society for Information Science
- Association for Library and Information Science Education, 035, 152
- Association of African Library and Information Studies Schools, 056
- Association of Independent Information Professionals, 032
- Avraeva, Y.B., 401
- Bagnall, C., 324
- Bahar, A., 092
- Bakewell, K., 270
- Balby, C.N., 253
- Ballarat University College, 241
- Ballard, R.M., 258
- Barron, D.L., 171
- Barrulas, M.J., 114
- Barry, T., 370
- Battum, S. van *see* Van Battum, S.
- Bauwens, M., 020, 325
- Bawden, D., 437
- Bayerische Beamtenfachhochschule, 297
- Bayne, P.S., 397
- Beard, A., 326
- Bearman, T.C., 438
- Beer, J. de *see* De Beer, J.
- Beheshti, J., 251
- Bellefontaine, A., 421
- Benefiel, C.R., 282
- Bennett, R., 439
- Bernhard, P., 004, 005, 156
- Berry, J.N. III, 141, 283
- Bertrand-Gastaldy, S., 156
- Biggs, M., 276
- Biggs, V., 276
- Birkinshaw, D., 327
- Blanquet, M-F., 021
- Bliss, N.J., 260
- Boaden, S., 191
- Book House Training Centre, 469
- Boon, J.A., 471
- Bosch, M., 126
- Bouazza, A., 476
- Bouthillier, F., 022
- Bowden, R., 023, 423
- Bradley, J., 006
- Braude, R.M., 204
- Bridgland, A., 371
- British Library. Strategic Planning Course, 406-408
- Brittain, M., 465
- Britz, J.J., 471
- Buchli, A., 161
- Burnett, K., 257
- Burnham, P., 393
- Burrington, G., 402, 472
- Byunn, K.S., 480
- Cakin, I., 128

- Calvert, P.J., 024, 101
 Campbell, J.D., 025
 Campen, M. van *see* Van Campen, M.
 Capitani, P.C., 093, 157
 Caridad, M., 127
 Carter, R.C., 226
 Cartwright, G.F., 411
 Carvosso, E., 418
 Casserley, M.F., 396
 Castelyn, M., 372
 Caudwell, J., 103
 Caunt, J., 440
 Cave, R., 102
 Cejpek, J., 121, 162
 Celik, H., 128
 Certificate in Training and Development, 387
 Chan, Y.M.A., 218
 Charles University of Prague, 162
 Chaudhry, A.S., 351
 Chiware, E.R.T., 382
 Chmelius, C., 026
 Choldin, M.T., 274
 Chun, L. Xiao *see* Xiao-Chun, L.
 City University. Department of Information Science, 310
 Clack, D.H., 242
 Clark, A.J., 001, 328
 Cleeve, M., 329
 Clegg, S., 337, 383, 424
 Comenius University Bratislava, 164, 165
 Conference of Spanish Librarians and Information Specialists, (Valencia, 1992), 127
 Conference on Curriculum Design for the Information Market Place, (Tromso, 1992), 045, 046
 Conturbia, S. da *see* Da Conturbia, S.
 Conway, P., 441
 Cook, M., 448
 Cornell University, 413
 Corral, S., 131, 330
 Correia, A.M.R., 113, 114
 Cotton, R., 132
 Cox, R.J., 442
 Craig, B.L., 443
 Creth, S.D., 205
 Crew, H., 033
 Cronin, B., 027, 142, 473
 CTA *see* Technical Centre for Agricultural and Rural Cooperation
 Cullingford, A., 201
 Curras, E., 309
 Cyr, J.-M., 156
 Da Conturbia, S., 282
 Daisley, J., 350
 Dakers, H., 313
 Dam, J.C. van *see* Van Dam, J.C.
 Daniel, E., 143
 Dankert, B., 082
 Danmarks Bibliotekskole, 269, 293, 294
 Danton, J.P., 261
 Davenport, E., 277
 Davis, D.G., 091
 Davis, P., 349
 Davis, S.E., 444
 Day, D., 473
 De Beer, J., 314
 De Lange, M., 471
 De Montfort University, 334
 Deakin University, 110, 111
 Delmas, B., 076
 Delsalle, P., 445
 Der Starre, J.H.E. van *see* Van der Starre, J.H.E.
 Detlefsen, E.G., 206
 Dick, A.L., 007
 Dickson, I., 110
 Dijk, J. van *see* Van Dijk, J.
 Dixon, R., 373
 Dlamini, J.S., 446
 Dosa, M., 284
 Dou, H., 028
 DSE *see* Deutsche Stiftung für internationale Entwicklung, 428
 Duggan, M.K., 211
 Duman, H., 128
 Durrance, J.C., 019
 Durranti, L., 447
 Duval, B.K., 263
 Duverne, A., 029
 Dwyer, J., 315
 Dzherelieskaya, I.K., 403
 Eagle, S., 426
 East Siberian Institute of Culture, 178, 401
 Eastern Michigan University. Department of Operations Research and Information Systems, 252
 Easun, S., 144
 Edwards, S., 398
 Elder, D., 374
 Elkin, J., 160
 Ellis, D., 177
 ERASMUS, 326
 Ericson, T.L., 450
 Ersoy, O., 128
 Espinos, M., 352, 353

- Estivill, A., 353
EUCLID *see* European Association for Library and Information Education and Research
 European Association for Library and Information Education and Research, 427
 European Union, 087
 Evans, A.F., 243
 Evans, A. Jones- *see* Jones-Evans, A.
 Evans, J., 111, 219, 354
 Fachhochschule für Bibliothekswesen Stuttgart, 296, 299, 303, 305
 Fachhochschule Hamburg, 268
 Fagerli, H.M., 307
 Farah, B.N., 252
 Farwell, D.W., 497
 Feather, J., 030
 FID. Education and Training Committee, 434
 Field, J., 331, 404
 Figueirido, N., 355
 Fisher, C., 316
 Fisher, W., 228
 Fleet, C. van *see* Van Fleet C.
 Flowers, K., 420
 Follett Report, 131, 383
 Ford, B.J., 395
 Ford, N., 177
 Foreman, L., 339
 Foskett, D., 261
 Foster, S.P., 145
 Fouchereaux, K., 018
 Fraser, V., 474
 Freeman, M., 133, 475
 Freytag, J., 083
 Fu, E.Y., 146
 Futas, E., 281
 Gardner, R.K., 063
 Gastaldy, S. Bertrand-. *see* Bertrand-Gastaldy, S.
 Gdoura, W., 476
 Geist, P., 289
 General Programme for Training in Agricultural Information, 070
 Genz, M.D., 031, 144
 Gibbs, P., 375
 Gillespie, T., 179
 Goddard, C., 376
 Godden, I.P., 034
 Goethem, J. van *see* Van Goethem, J.
 Goh, J.S-C., 059
 Gomez, P.L., 451
 Gorman, G.E., 250
 Goss, A.S., 207
 Gottschalk, M. Wederhake- *see* Wederhake-Gottschalk, M.
 Green, C., 477
 Green, T.C., 032
 Greer, P., 332
 Grumling, D.K., 377
 Gupta, S., 073
 Hallein, J., 180
 Hannabuss, C.S., 264
 Hanner, C., 192
 Hannesdottir, S.K., 090
 Hannigan, J.A., 033
 Harbo, O., 214, 294
 Hardcastle, S., 452
 Hare, C., 453
 Harper, D. McAllister- *see* McAllister-Harper, D.
 Harris, R.M., 405
 Harris, S., 069
 Hassanly, P., 028
 Havard-Williams, P., 278, 357
 Hawaii Interactive Television System, 184
 Hazelton, P.A., 202
 Hebrew University of Jerusalem. Graduate School of Library, Archive and Information Studies, 183
 Hegg, J.L., 396
 Helsinki University of Technology. Espoo Centre for Continuing Education, 166
 Hernon, P., 008, 009
 Herther, N., 044
 Hill, B.N., 419
 Hill, L.L., 229
 Hinton, C., 317
 HITS *see* Hawaii Interactive Television System
 Hoffman, G., 134
 Hofmann, U., 268
 Horton, W.J., 010, 122
 Huang, S.R., 067
 Huang, S.T., 369
 Hudson, A., 410
 Humby, M., 261
 Hunan Medical University. Faculty of Medical Library and Information Science, 207
 Hüttemann, L., 428
 Huwe, T.K., 034
 Huws, G., 220
 HYPERCARD, 185, 397
 IFLA, 430
 IFLA. Continuing Professional Educational Round

- Table, 358
- IFLA. Division of Education and Research, 431
- IFLA. 58th General Conference, (New Delhi, 1992), 358, 429
- IFLA. 59th General Conference, (Barcelona, 1992), 004, 023, 043, 057, 191-197, 199, 274, 352, 364, 431
- IFLA. Section on Education and Training, 429
- Indiana University at Bloomington. School of Library and Information Science, 142, 193
- Information and Library Studies Lead Body (UK), 320, 322
- Information Science Education Consortium for Africa, 056
- L'Institut National des Techniques de la Documentation, 076
- INTD *see* L'Institut National des Techniques de la Documentation
- International Federation for Information and Documentation *see* FID
- International Federation of Library Associations and Institutions *see* IFLA
- 17th International Online Information Meeting, (London, 1993), 183, 277
- Irati, A., 253
- Irvine, B.J., 193
- ISECA *see* Information Science Education Consortium for Africa
- Isikel, L., 219
- Ivey, D.L., 478
- Jago, A., 479
- Jakubi, D.L., 253
- Jarvelin, K., 011
- Jehl, M.-C., 070
- Jeng, L.H., 244
- Jennings, K.A., 285
- Jespersen, S., 135
- Jiang, Y., 067
- Jirku, P., 153
- Johnson, I., 068, 088, 116, 264
- Joint Funding Councils Libraries Review Group Report *see* Follett Report
- Jones, C.J., 333
- Jones-Evans, A., 454
- Jones-Quartey, T.S., 480
- Jordan, P., 378
- Josey, E.J., 279
- Jowkar, A., 221
- Jung, R., 084
- Jurow, S., 286
- Kaegbein, P., 321
- Kaima, S., 455
- Kalseth, K., 463
- Kasap, V.A., 181
- Kerr, L., 379, 380
- Khalifa, S.A., 115
- Kibirige, H.M., 036
- Kiel, E., 245
- Kimlicka, S., 164
- King Fahd University of Petroleum and Minerals. Library, 351
- Kinnell, M., 221
- Kirk, J., 037, 182
- Kirk, R., 334
- Klimovitch, L., 103
- Kling, R., 462
- Kluck, M., 172
- Kluev, V.K., 267
- Knox, J., 414
- Kochtanek, T. R., 273
- Koenig, M.E.D., 038
- Koenig, M-H., 381
- Kolodziejka, J., 112
- Konigova, M., 310
- Koren, J., 107
- Koroleva, T.A., 181
- Krekelberg-Kropmans, M., 464
- Kroller, F., 061, 089
- Kropmans, M. Krekelberg *see* Krekelberg-Kropmans, M.
- Krueger, W., 212, 213
- Krummel, D.W., 012
- La Guardia, C., 394
- La Tela, A., 028
- Lagrange, J., 282
- Lajeunesse, M., 064
- Lally, K., 359
- Lance, K.C., 483
- Lange, M. de *see* De Lange, M.
- Laqueur, M., 481
- Large, A., 254
- Lawal, O.O., 158
- Lazinger, S.S., 183, 360
- Le Coadic, Y., 039
- Lee, D., 497
- Lee, G.L., 475
- Leicester University. School of Education, 334
- Leipzig Hochschule für Wirtschaft u. Kultur, 301, 302
- Lenox, M.F., 215
- Leonard, J.F., 084

- Lester, J., 040
 Levett, J., 216
 Levy, P., 400
 LIBEX (Bureau for International Library Staff Exchange), 328
 Library Association (UK), 160, 327, 330, 340, 341, 345, 423-426, 432, 474
 Library Association. Framework for Continuing Professional Development, 160, 327, 340, 341, 345, 425
 Library Association. Personnel Training and Education Group, 330, 383
 Liverpool John Moores University, 270
 Loney, T., 421
 Loughborough University of Technology. Department of Library and Information Studies, 185, 239, 240
 Lowe, M., 136
 Lund, H., 269
 Lund, N.W., 108
 Lund, R., 412
 Lynch, M.J., 013, 482, 483
- MacFarlane, J., 230
 Machytka, J., 292
 MacLeod, R.A., 382
 Macquarie University Library, 414
 Maggs, J., 465
 Mahadevi Kenya Postgraduate College. Dehra Dun, 224
 Main, L., 263
 Malley, I., 406, 407
 Mann, J., 030
 Marks, L., 241
 Marloth, H., 236
 Martin, D., 408
 Martin, S., 041
 Matarazzo, J.M., 228
 Matousova, M., 318
 Matthews, G., 239, 240
 Maura, M.A., 096
 Mayfield, M.K., 208-210, 335
 McAllister-Harper, D., 246, 271
 McCook, K. de la Pena, 289
 McCrank, L.J., 415
 McDaniel, J.A., 416
 McDougall, S.M.A., 247
 McGrath, W.E., 147
 McNally, P.F., 065
 Meadows, A.J., 014, 185
 Médiathèque de Corbeil-Essonnes, 347
 Medical Library Association, 205, 209, 210
- Mellott, C.M., 148
 Meyriat, J., 077-079
 Michaels, J., 015
 Mid Atlantic Region Archives Conference, (Pittsburgh, 1992), 442
 Midriakova, E., 231
 Minsk Institute of Culture. Faculty of Library Science and Bibliography, 181
 MLA *see* Medical Library Association
 Mnjama, N.M., 456
 Monash University. Distance Education Centre, 180
 Morris, B., 336, 484
 Moscow State Institute of Culture, 267
 Mosenkis, S. L., 331, 404
 Motzfeldt, I., 109
 Mount, E., 485
 Mulder, C., 238
 Mulvaney, J.P., 149
 Munn, R., 486
 Myers, M., 487
- Nagakura, M., 222
 Nahl, D., 184
 Nankivell, M.C., 488, 489
 Nasri, W.Z., 290
 Nassimbeni, M., 123
 National Agricultural Library, 398
 National Cohort Study of Newly Qualified Librarians and Information (LIS) Workers, 488
 National Online Meeting, (14th, New York, 1993), 259, 273
 National Vocational Qualifications, 135, 137, 313, 317, 320, 322, 323
 Neuro Linguistic Programming, 342
 Newton, R., 175
 Nicholson, F., 363
 Nieboer, M., 490
 NLP *see* Neuro Linguistic Programming
 Noon, P., 337, 383
 Norman, S., 338
 Northwestern University, 377
 Novakova, M., 165
 NVQs *see* National Vocational Qualifications
 Nwafor, B., 055
 Nwali, L.O., 361
 Nyeng, P., 262
- O'Connor, D.O., 362
 Oberg, L.R., 491
 Ochai, A., 055
 Ochogwu, M.G., 106

- OCLC, 211
 Ogwang-Ameny, R., 130
 Ohio Wesleyan University, 393
 Ohles, J.K., 416
 Ojala, M., 232
 Olden, A., 067
 Oldroyd, M., 384
 Olen, S., 308
 Olia, F., 291
Online Information '93, 193, 277
 Orom, A., 159
 Otike, J., 056
 Pantry, S., 339
 PAPERS, 190
 Parry, J., 399
 Passet, J.E., 150
 Peritz, B.C., 360
 Phillips, S., 385
Platform for Change, 205
 Polytechnic of the Seychelles, 119
 Pomart, P.D., 080
 Potsdam Fachhochschule. Institut für Information u. Dokumentation, 234, 298, 304
 Poynder, R., 492
 Prague College of Librarianship, 292
 Prague School of Economics. Department of Information and Knowledge Engineering, 163
 Price, J.A., 235
 Priestley, J., 320
 PROGEFIA *see* General Programme for Training in Agricultural Information
 Puchalski, J., 071
 Quartey, T. S. Jones- *see* Jones-Quartey, T.S.
 Queens University Belfast. Information Management Division, 176
 Quoniam, L., 028
 Rainey, M.D., 075, 295
 Raitt, D.I., 183, 277
 Ramaiah, C.K., 185, 186
 Rasmussen, R., 059
 Raymond, B., 072
 Reardon, D.F., 167
 Redfern, M., 340, 341
 Reeling, P.G., 002, 042
 Rehm, K., 085
 Rehman, S. ur, 223, 351
 Reinitzer, S., 061, 089
 Research Libraries Information Network, 211
 Richardson, A.D., 104
 Riemer, J. J., 248, 413
 Rigg, A., 417
 Ritchie, H., 187
 Rivkah, K.S., 422
 RLIN *see* Research Libraries Information Network
 Robert Gordon University. School of Librarianship and Information Studies, 175
 Roberts, B., 074
 Roberts, W., 430
 Robertson, J., 194
 Rochester, M.K., 363, 431
 Roelants, J., 043
 Rogers, M., 311
 Rohde, N F., 044
 Roper, F.W., 208-210
 Rouse, M.E., 409
 Rowland, F., 255
 Rugaas, B., 045-047
 Rutgers University. School of Communication, Information and Library Studies. Annual Symposium, 1992, 002, 042
 Sabzwari, G.A., 151
 Sachsens Fachhochschulbibliotheken, 300
 Sagna, O., 057
 SALALM 36th Annual Meeting (San Diego, 1991), 253
 San Jose University. School of Library and Information Science, 263
 Sanders, R., 265
 Savard, R., 066
 Savolainen, R., 016
 Saye, J.D., 272
 Schlegel, J., 237
 Schneehorst, S., 303
 Schnuer, S., 274
 Schonrock, D., 238
 Schrader, A.M., 017
 Schulte, L., 233
 Schwartz, C., 008, 009
 Schwarzer, M., 321
 Sciberras, L., 097
 Scott, P.G., 105
 Searle, R., 386
 Seeger, T., 172, 234
 Serrai, A., 094
 Sharma, R.N., 048
 Sharma, S., 224
 Shaw, D., 018
 Sheehan, J., 173
 Sheehy, C.A., 377
 Shepherd, E., 448, 458
 Sheppart, D., 174

- Shoobred, M., 342
 Shrigley, R., 432
 Shropshire Leisure Services, 349, 350
 Silesian University, Opava, 168
 Silva, M., 411
 Simmonds, P., 387
 Simon, H.-R., 493
 Simon, J., 494
 Sineath, T.W., 152
 Singh, D.R., 343
 Skalski, D., 086
 Smith, Alison, 344
 Smith, Angela, 496
 Smith, C., 345
 Sobotik, M., 168
 Sokoloff, I., 002
 Solimine, G., 095
 Speller, B. F. Jr., 249, 271
 SPRINGBOARD Womens Development Programme, 349, 350
 St. Lifer, E., 311
 Stam, D.C., 195
 Starre J.H.E. van der *see* Van der Starre, J.H.E.
 Stasov, V., 118
 Steele, D., 137, 322
 Stein, F., 099
 Stephens, D., 239, 255
 Stephenson, M.S., 459
 Stieg, M.F., 049
 Stielow, F.J., 460
 Stiffler, M., 473
 Still, J.M., 259
 Stilwell, C., 123
 Stuart, M., 118
 Sutton, B., 006
 Syracuse University. School of Information Studies, 284
 Taher, M., 091
 Taylor, R.S., 050
 Tchobanoff, J.B., 235
 Technical Centre for Agricultural and Rural Cooperation, 070
 Tees, M., 230, 266
 TEMPUS *see* Trans European Mobility Program for University Students
 Texas A.M. University, 282
 Thapisa, A.P.N., 124
 Thiam, M., 057
 Thompson, V., 346
 Todros, R., 196
 Tokyo Gakugei University, 222
 Totemeyer, A. J., 098
 Trans European Mobility Program for University Students, 071
 Trauth, E. M., 497
 Treloar, A., 111
 Trmac, P., 312
 Tromsø Library School, 307
 Tucker, L., 197
 Tucker, M., 388
 United Kingdom. Ministry of Defence Libraries, 374-376, 379, 380, 386, 388, 392
 Universidad Autónoma de Madrid, 309
 Université de Montréal. Ecole de Bibliothéconomie et des Sciences de l'Information, 156
 University of Botswana. Department of Library and Information Studies, 170, 278
 University of Botswana. Library. Automation Training Programme, 382
 University of British Columbia, 459
 University of California, Berkeley, 211, 311
 University of California, Los Angeles. Graduate School of Library and Information Science. Senior Fellows Program, 407
 University of Central England in Birmingham. School of Information Studies, 167, 169, 488
 University of Chicago, 377
 University of Ghana, Legon. Department of Library and Archival Studies, 470
 University of Hawaii. School of Library and Information Studies, 184
 University of Illinois at Chicago, 377
 University of Illinois. C. Walter and Gerda B. Mortenson Center for International Library Programs, 274
 University of Malta, 097
 University of New South Wales. School of Information, Library and Archive Studies, 110
 University of North London. School of Information Studies, 326
 University of Northumbria. Department of Information and Library Management, 453
 University of Oklahoma, 174
 University of Papua New Guinea. Department of Library and Information Studies, 110, 111, 354, 455
 University of Pittsburgh. School of Library and Information Science, 312, 435, 457
 University of Sheffield. Department of Information Studies, 113, 177, 190
 University of South Africa. Department of Information Science, 308

- University of Tennessee, Knoxville. Libraries, 397
University of the South Pacific, 075, 295
University of Wales Aberystwyth. Department of Information and Library Studies, 220
Urquhart, C., 389
- Vakkari, P., 011
Van Battum, S., 464
Van Campen, M., 461
Van Dam, J.C., 347
Van der Starre, J.H.E., 188
Van Dijk, J., 100
Van Fleet, C., 019, 280
Van Goethem, J., 227
Vereinigung Schweizerischer Bibliothekare, 161
Viaux, J., 198
Vodosek, P., 084, 087, 305
Vonville, H.M., 189
- Wade, S., 190
Wakefield, J., 291
Walker, C., 123
Walker, M., 051
Ward, S., 323
Washington State Library, 422
Wawrik, F., 203
Webb, S., 348
Webster, D.E., 364
Wederhake-Gottschalk, M., 390
Weinberg, B.H., 433
Weingand, D.E., 365, 366
Wellington University. Department of Library and Information Studies, 306
Wersig, G., 052
- White, H.S., 153-155
White, J., 138
Whittaker, L., 498
Wildgoose, D.M., 264
Willard, N., 467
Williams, G.H., 448
Williams, M.E., 259, 273
Williams, P. Havard-*see* Havard-Williams, P.
Williams, R.V., 096
Williams, T., 349
Williamson, M., 391
Williamson, M.F., 199
Willis, L., 350
Willner, R.A., 200
Wilson, M.C., 189
Wilson, T., 113, 139
Wise, M.C.G., 067
Wood, F., 177
Wood, K., 160
Woodley, C., 499
Woods, P., 392
Woolls, B., 367, 368
World Conference on Continuing Education for the Library and Information Science Professions (2nd: 1993, Barcelona), 363, 368
Wormell, I., 434
- Xiao-Chun, L., 207
- Yee, H.M., 225
Yilmaz, B., 129
- Zipkowitz, F., 281, 500, 501

SUBJECT INDEX

- Academic librarianship, 092, 131, 246, 351, 361, 377, 382–384, 393, 396, 414, 475, 491, 494
Accreditation, 140, 171
Acquisitions, teaching *see* Collection development, teaching
Africa, 003, 053–057, 275, 357, 428, 430, 456
see also names of individual countries
Agricultural librarianship, 070, 398
Archivists, education, 094, 098, 129, 148, 435, 436, 438, 441–444, 447–451, 456, 457, 459–461
see also Records management
Art librarianship, 148, 191–199
Associateship *see* Chartering
Australia, 058–060, 110, 111, 173, 180, 182, 191, 216, 225, 241, 247, 250, 265, 371, 414, 418, 440, 494
Austria, 061
Belgium, 461
Bibliographic instruction, in-service training, 238, 393, 394
Bibliographic instruction, teaching, 238
Bibliographies, 001, 002, 186, 325, 480
Bibliography, teaching, 239, 240
Botswana, 098, 170, 278, 382
Brazil, 253, 355
Business librarianship, 200, 497
CAL *see* Computer Assisted Learning
Canada, 017, 022, 062–066, 148, 156, 199, 217, 230, 254, 281, 290, 411, 443, 459
CAT *see* Computer Assisted Teaching
Career change, 283, 324, 346
Career choice, 129
Career development, 283, 324–350, 466, 484
see also Continuing education
see also Professional development
Careers advice, 241, 332
Cataloguing, in-service training, 395
Cataloguing, teaching, 242–244, 246, 247
CD-ROMs, in-service training, 422
CD-ROMs, use in teaching, 180, 189
Chartering, 315, 426, 432
see also Professional qualifications
China, 067, 146, 207
Classification, teaching, 245–247
Clerical staff *see* Non-professional staff
Collection development, in-service training, 396
Collection development, teaching, 250
Compact Disc – Read Only Memory *see* CD-ROMs
Comparative librarianship, teaching, 260, 261
Computer Assisted Learning, 182
Computer Assisted Teaching, 182
Computer conferencing, use in teaching, 176
Computer networks, in-service training, 411
Computer networks, teaching, 252
Computer networks, use in teaching, 183
Computer programming, teaching, 251
Computer science, 462, 493
Computing, teaching 251–255
Conservation librarianship, 201
Consultancy, 132
Continuing education, 160, 228, 230, 266, 274, 335, 337, 344, 351–368, 441, 444, 447
see also Career development
see also Professional development
Corporate librarianship 020, 229
see also Business librarianship
see also Special librarianship
Course design *see* Curriculum development
Courses of study *see* types of courses e.g. Professional staff, first qualification courses
Creativity, teaching, 181
Curriculum development, 045, 046, 054, 055, 100, 107–109, 156–160, 216
Customer care, teaching, 178
Czech Republic, 068, 072, 162, 163, 168, 292, 312, 318
Databases, use in teaching, 211
Denmark, 214, 262, 269, 293, 294
Developing countries, 036, 069, 070
Diploma courses, 119, 120, 161, 241, 294, 295, 310
see also Professional staff, first qualification courses
Distance education, 171, 173, 174, 180, 184, 191
see also Open learning
Dissertation writing, 181

- Documentalist (profession), 021, 463, 464
- Eastern Europe, 071, 072
see also names of individual countries
- Employment market *see* Job market
- Environmental information, teaching, 239
- Equal opportunities, 472, 484, 489
see also Ethnic minorities
see also Minority recruitment
see also Women, job opportunities
- Ethics *see* Professional ethics
- Ethiopia, 073
- Ethnic minorities, recruitment to librarianship, 279, 285, 286, 289, 480, 499
see also Equal opportunities
see also Minority recruitment
- Europe, 071, 074, 087, 113, 188, 203, 212, 213, 326, 423, 427, 447
- Evaluation of training, 385
- Exchanges *see* Job exchanges
- Faculty *see* Lecturers, library school
- Feminism and LIS education, 033
- Fieldwork *see* Practical work experience
- Fiji, 075, 295
- Finland, 016, 166
- France, 021, 029, 039, 076–081, 198, 347, 356, 381, 445, 481
- Francophone countries, 356
see also names of individual countries
- Gender differences, 486, 490
see also Equal opportunities
see also Women, job opportunities
- Germany, 082–087, 172, 233, 234, 236, 237, 268, 296–305, 347, 390, 428, 436, 493
- Ghana, 470
- Health information management, 465
- Health sciences librarianship, 148, 204–210, 333
- Historical bibliography, teaching, 257
- History of librarianship, 031, 039, 049, 073, 077, 079, 080, 084, 091, 098, 117, 118, 150, 299, 305, 306, 490
see also Library history, teaching
- Hong Kong, 218
- Hungary, 072, 088, 089
- Hypertext, use in teaching, 117, 185, 186
- Hypertext, use of, in-service training, 397
- Iceland, 090
- Imaging technology, use in teaching, 175
- In-service training, general, 130, 351, 357, 369–392, 420, 484,
- Indexing (profession), 433
- Indexing, in-service training, 398
- Indexing, teaching, 258
- India, 091, 224, 343
- Indonesia, 092
- Induction training, 392, 399
- Information brokerage (profession), 032
- Information management *see* Information resources management
- Information officer (profession), 466
- Information resources management, 022, 038, 111, 200, 467
- Information retrieval, teaching, 259
- Information science, 018, 036, 039, 052, 079, 159, 298, 310, 463
- Information technology, education, 054, 188, 195, 204, 236, 237, 254, 255
see also headings under Computer
see also Library automation
- Information technology, training, 130, 338, 369, 382
- Information work *see* Reference work
- Interaction analysis, use in teaching, 178
- Interactive television, use in teaching, 184, 187
- International cooperation, 035, 051, 071, 087, 110, 326
- International librarianship, teaching, 260, 261
- International students, 284, 290
- Internet, in-service training, 277, 411
see also Computer networks
- Internship, 413
see also Practical work experience
- Interpersonal skills, in-service training, 400
- Iran, 221
- IRM *see* Information Resources Management
- Israel, 183, 360
- IT *see* Information technology
- Italy, 093–095, 157, 196, 319, 491
- Japan, 222
- Job exchanges, 328, 334, 336, 347
- Job market, 134, 470–501
- Job seeking, 496
- Kenya, 098
- Language skills, in-service training, 360
- Latin America, 096
- Law librarianship, 202
- Leadership training, 401, 403, 406–408

- Lecturers, library school, 176, 275–281
 Library assistants *see* Non-professional staff
 Library associations, 056, 134, 202, 205, 209, 315, 340, 341, 345, 358, 367, 368, 423–434, 489
 Library automation, in-service training, 382
see also headings under Computers, and Information technology
 Library automation, teaching, 236, 237
see also headings under Computers, and Information technology
 Library history, teaching, 262
 Library schools, 129, 136, 141–143, 145, 147–149, 151, 153–155, 188, 246, 259, 292–312, 354, 435, 438, 453, 455, 457, 459, 470, 475, 481
 Library school closures, 145, 151, 153, 311
 Library school lecturers *see* Lecturers, library school
 Library school students *see* Students, library school
 Library science literature, 011, 280
 Library technicians *see* Paraprofessional staff
 Literacy instruction skills, teaching, 263
- Malawi, 098
 Malaysia, 223
 Malta, 097
 Management, in-service training, 264, 265, 401–409
 Management, teaching, 264–266
 Manpower development *see* In-service training
 Map librarianship, education, 203
 Map librarianship, in-service training, 203
 Marketing (profession), 468
 Marketing, teaching, 267
 Masters courses, 156, 162, 164, 165, 166, 193, 273, 310
see also Professional staff, first qualification courses
 Media documentation, teaching, 268
 Medical librarianship, 148, 204–210, 333
 Mentoring, 330, 331, 402, 404, 405, 409
 Minority recruitment, 285, 286, 289, 480, 499
see also Ethnic minorities
see also Equal opportunities
 Mobile libraries, training for, 410
 Modular courses, 160
 Multicultural librarianship, 059, 215, 225, 279, 303
 Multimedia teaching, 269
 Multimedia, use in teaching, 179, 257
 Music librarianship, 148, 211–213
- Namibia, 098
 National libraries, 074
 National Vocational Qualifications, 135, 137, 313, 317, 320, 322, 323
 Netherlands, 099, 100, 464, 481 490
 Networking, electronic *see* Computer networks
 Neuro Linguistic Programming, 342
 New Zealand, 101–105, 306, 359
 Nigeria, 106, 158, 361
 NLP *see* Neuro Linguistic Programming
 Non-professional staff, qualifications, 316
 Nordic countries, 192
see also names of individual countries
 Northern Ireland, 176
see also United Kingdom
 Norway, 045–047, 107–109, 307, 463
 NVQ *see* National Vocational Qualifications
- Office administration courses, 316
 Online information retrieval *see* Information retrieval
 Online Public Access Catalogues, use in teaching, 211
 Online search simulation, use in teaching, 189
 OPACS *see* Online Public Access Catalogues
 Open learning, 172
see also Distance education
- Papua New Guinea, 110, 111, 219, 354, 455
 Paraprofessional staff, 319, 491
 Paraprofessional staff, education, 137, 313, 317, 322, 323
 Paraprofessional staff, in-service training, 314, 334, 369, 416, 418, 419
 Part-time study, 171, 172, 310
 PDR *see* Professional Development Report
 Periodicals librarianship *see* Serials librarianship
 Poland, 071, 112
 Portugal, 113, 114
 Practical work experience, 274
 Practicum *see* Practical work experience
 Practitioner/educator interaction, 227, 235, 243, 248, 280, 443, 475
 Practitioner/researcher cooperation, 016, 019
 Preservation librarianship, 201
 Preservation skills, in-service training, 412, 413
 Professional bodies *see* Library associations
 Professional development, 228, 315, 325
see also Career development
see also Continuing education
 Professional Development Reports, 315
 Professional ethics, teaching, 256
 Professional staff, first qualification courses, 065,

- 111, 119, 120, 156, 161–170, 172, 193, 241, 273, 294, 295, 298, 310
 Professional staff, advanced courses, 294
 Professional qualifications, 315, 321, 426, 432
Programming see Computer programming
 Public librarianship, 016, 019, 059, 100, 138, 214–216, 280, 349, 422, 483, 499
 Public service provision, in-service training, 395, 414
 Publishing (profession), 469
 Qatar, 115
 Records management, 435, 437, 439, 440, 446, 452–456, 458
see also Archivists, education
 Recruitment, library school lecturers, 279
 Recruitment, library school students, 129, 150, 279, 284–286
 Reference skills, in-service training, 415, 416
 Research, 003–019, 101, 144, 276, 294, 435
 Research methods, teaching, 270, 459
 Retraining older staff, 420
 Role playing, use in teaching, 178
 Romania, 116
 Russia, 117, 178, 181, 267, 401, 403
 Sabbatical leave, 275
 Salaries, 482, 500, 501
 Saudi Arabia, 351
 Scholarships, 282, 287, 288
 Scholarly publication, 276, 277
 School librarianship, 217–225, 417
 School librarianship, in-service training, 219, 220, 417
 Scotland, 175, 264, 347
see also United Kingdom
 Secondment, 329, 336
 Serials librarianship, 226, 227
 Serials librarianship, in-service training, 418, 419
 Seychelles, 119, 120
 Simulation, use in teaching, 189
 Slovakia, 068, 072, 121, 164, 165
 Slovenia, 231
 South Africa, Republic of, 122–124, 308, 314, 412, 471, 478
 South Asia, 048
 South Pacific region, 075, 295, 354
 Soviet Autonomous Republics, 125
 Spain, 126, 127, 309, 347, 352, 353, 451
 Special librarianship, 020, 202, 228–235, 321, 374–376, 379, 380, 386, 388, 392, 497
 Staff development *see In-service training*
 Staff recruitment, 279, 285, 286, 289, 479, 480, 486, 499
 Student employees, 282
 Students, library school, 071, 129, 282–291, 326, 470
 Student mobility, 071, 326
 Subject indexing, teaching 244–247
 Swaziland, 446
 Sweden, 192
 Switzerland, 161
 Tajikistan, 125
 Teacher librarians *see School librarianship*
 Teaching materials, 055
 Teaching methods, 175–190, 460
 Teaching staff, library schools *see Lecturers, library school*
 Technical services, in-service training, 362, 420
 Technical services, teaching, 271–273
see also under individual subjects e.g. Cataloguing
 Technicians, library staff *see Paraprofessional staff*
 Telecommunications, teaching, 252, 273
see also Computer networks
 Text retrieval systems, use in teaching, 190
 Total Quality Management, in-service training, 421
 TQM *see Total Quality Management*
 Training *see In-service training*
 Training needs analysis, 389, 391
 Training qualifications, 387
 Tunisia, 476
 Turkey, 128, 129, 321
 Uganda, 130
 UK *see United Kingdom*
 Ukraine, 125
 Undergraduate courses, 111, 162, 163, 167–170, 172, 241, 294
see also Professional staff, first qualification courses
 United Kingdom, 014, 024, 131–139, 160, 167, 169, 175–177, 185, 190, 197, 220, 239, 240, 255, 258, 259, 264, 270, 310, 313, 315–317, 320, 322–324, 326–330, 334, 336–341, 344–350, 373–376, 378–380, 383, 384, 386–390, 392, 402, 406–408, 410, 417, 423–426, 432, 437, 439, 448, 449, 452–454, 458, 465–469, 472, 474, 475, 477, 479, 481, 484, 488, 489, 492, 495–499
 United States of America, 013, 019, 025, 031–035, 037, 038, 041, 044, 048–050, 140–155, 171,

- 174, 179, 184, 187, 189, 193, 194, 200, 202, 204–206, 208–211, 215, 226–228, 232, 235, 238, 242–244, 246, 248, 249, 251, 252, 256–259, 263, 271–274, 276, 279–290, 311, 312, 331, 333, 335, 362, 365, 366, 377, 393, 394, 396–398, 404, 405, 407, 409, 413, 419, 420, 422, 433, 435, 438, 441, 442, 444, 447, 450, 457, 460, 462, 473, 480, 482, 483, 485–487, 500, 501
- USA *see* United States of America
- Use of computers, in-service training, 422
- Visual resources curatorship, 195
- see also* Art librarianship
- Wales, 220, 328, 475
see also United Kingdom
- Women in librarianship, 033, 150, 338, 349, 350, 405, 472, 474, 477, 484, 498
- Women, job opportunities, 472, 474, 477, 498
- Young peoples librarianship, 217–225.
- Zambia, 098
- Zimbabwe, 098

LIST OF PERIODICAL TITLE ABBREVIATIONS

- Afr.J.Lib.Arch.& Inf.Sci: African Journal of Library, Archives and Information Science
Afr.Res.& Doc.: African Research and Documentation
Aust.& N.Z..J.Ser.Lib.: Australian and New Zealand Journal of Serials Librarianship
Aust.Lib.J.: Australian Library Journal
Aust.Lib.Rev.: Australian Library Review
Aust.Pub.Lib: Australasian Public Libraries and Information Services
- Bib.i.Bib.Rub.: Bibliotekovedenie i Bibliografiya za Rubezhom
Bibl.Forum Bayern.: Bibliotheksforum Bayern
Buch u.Bib.: Buch und Bibliothek
Bull.ASIS: Bulletin of the American Society for Information Science
Bull.Inf.ABF.: Bulletin d'Information ABF
Bull.Med.Lib.Assn.: Bulletin of the Medical Library Association
Bus.Inf.Rev.: Business Information Review
- Cad.Bib.Arq.Doc.: Cadernos de Biblioteconomia, Arquivistica e Documentacao
Can.J.Inf.& Lib.Sci.: Canadian Journal of Information and Library Science
Cat.& Class.Q.: Cataloging and Classification Quarterly
Coll.& Res.Lib.: College and Research Libraries
Con.Admin.News: Conservation Administration News
- Educ.Lib.& Inf.Serv.Australia: Education for Librarianship and Information Service: Australia
Eur.Res.Lib.Coop.: European Research Libraries Cooperation
- FID News Bull.: FID News Bulletin
Focus Int.& Comp.Lib.: Focus on International and Comparative Librarianship
- Inf.Man.Rep.: Information Management Report
Inf.Proc.& Man.: Information Processing and Management
Int.Cat.& Bib.Cont.: International Cataloguing and Bibliographic Control
Int.Inf.& Lib.Rev.: International Information and Library Review
Int.J.Inf.& Lib.Res: International Journal of Information and Library Research
- J.Acad.Lib.: Journal of Academic Librarianship
J.Educ.Lib.& Inf.Sci.: Journal of Education for Library and Information Science
J.Educ.Media & Lib.Sci: Journal of Educational Media and Library Science
J.Lib.& Inf.Sci.: Journal of Librarianship and Information Science
J.Lib.Admin.: Journal of Library Administration
J.Soc.Arch.: Journal of the Society of Archivists
- Kir.ja.Inf.: Kirjastotiede ja Informatiikka
- Lib.Acq.Prac.& Theory: Library Acquisitions: Practice & Theory
Lib.& Inf.Asst.: Library and Information Assistant

Lib.& Inf.Res.News: Library and Information Research News

Lib.& Inf.Sci.Res.: Library and Information Science Research

Lib.Ass.Rec.: Library Association Record

Lib.Man.Q.: Library Management Quarterly

Man.Inf.Syst.Q.: Management Information Systems Quarterly

Mus.Ref.Serv.Q.: Music Reference Services Quarterly

Nach.Dok.: Nachrichten für Dokumentation

Nauch.Tek.Bib.SSSR.: Nauchnye i Tekhnicheskie Biblioteki SSSR

Per.Train.& Educ.: Personnel Training and Education

Q.Bull.IAALD: Quarterly Bulletin of the International Association of Agricultural Information Specialists

Rec.Man.Bull.: Records Management Bulletin

S.Afr.J.Lib.& Inf.Sci.: South African Journal of Library and Information Science

SLG News: School Library Group News

Zeit.Bib.u.Bib: Zeitschrift für Bibliothekswesen und Bibliographie