

EDUCATION AND TRAINING FOR LIBRARIANSHIP AND INFORMATION WORK: ANNUAL BIBLIOGRAPHY, 1989

Alan J. CLARK

*Information and Library Studies Library, University College of Wales Aberystwyth,
Llanbadarn Fawr, Aberystwyth, Dyfed SY23 3AS, UK*

Received 25 May 1990

For four years this bibliography has been compiled to help provide access to the literature on the education and training of information professionals. As in its earlier editions, the bibliography is international in scope and covers items published in the previous year.

Subject access is provided by the contents list and classified arrangement and through a detailed subject index which includes entries for countries and regions. The name index includes authors and name subject entries for individuals and organizations.

Hallmarks of the bibliography are the range of sources scanned and the high proportion of items included which have been examined by the compiler. This is possible because of the strength of the collections in the Information and Library Studies Library, UCW Aberystwyth (formerly CLW Library). Some attempt is made to include items from countries on which scant information is available and also items which would not be indexed in the major secondary services.

I would welcome reactions from readers on characteristics of the bibliography which they found useful or otherwise, and suggestions on how future compilations could be enhanced.

CONTENTS

BIBLIOGRAPHIES	001
DIRECTORIES	002–006
THEORY AND PHILOSOPHY	007–008
RESEARCH	009–024
GENERAL ITEMS—UNIVERSAL	025–061
GENERAL ITEMS—INDIVIDUAL REGIONS AND COUNTRIES	062–151
COMPARATIVE STUDIES	152–153
LIBRARY AND INFORMATION SCIENCE SCHOOLS AND DEPARTMENTS	
General	154–155
Accreditation	156–159
Curriculum development	160–166
Courses/study	167–181
Professional	
First qualification	167–170
Paraprofessional	171–173
Non-professional	174–181
Modes of study	182–187
Distance education	182–187
Teaching methods	188–199
Specialised education	200–227
Academic librarianship	200–203
Agricultural librarianship	204–205
Business librarianship	206–209
Children's librarianship	210
Conservation and preservation librarianship	211
Law librarianship	212–213
Medical and health sciences librarianship	214–216
Music librarianship	217
Public librarianship	218–219
School librarianship	220–223
Special librarianship	224–226
Theological librarianship	227
Teaching individual subjects	228–270
Business information	228–230
Cataloguing and indexing	231–240
Children's literature	241
Computing and information technology	242–247
Conservation and preservation	248–251
Ethics	252
Expert systems	253
Information management	254
Information retrieval	255–260
Management	261–262
Marketing	263–264

- Public relations 265–266
- Reference and information services 267–269
- Research methods 270
- Practical work experience 271–276
- Teaching staff / faculty 277–282
- Students 283–290
- Individual schools 291–307
- PROFESSIONAL QUALIFICATIONS 308–315**
- CAREER DEVELOPMENT 316–331**
- CONTINUING EDUCATION 332–348**
- TRAINING 349–404**
 - General 349–372
 - Specialised 373–404
- ROLE OF ASSOCIATIONS AND SOCIETIES IN LIBRARY EDUCATION 405–410**
- EDUCATION AND TRAINING FOR RELATED OCCUPATIONS 411–425**
- EMPLOYMENT MARKETPLACE 426–440**
- NAME INDEX**
- SUBJECT INDEX**
- LIST OF PERIODICAL TITLE ABBREVIATIONS**

ANNUAL BIBLIOGRAPHY, 1989**BIBLIOGRAPHIES**

001. CLARK, Alan J. Education and training for librarianship and information work: annual bibliography, 1988. *Education for Information* 7(3) 1989 203–261.

DIRECTORIES

002. Accredited library schools. In Bowker annual, 34th ed. New York: Bowker, 1989–1990. ISBN 0 8352 2617 4. pp. 327–329.
003. LEARMOULD, Carol L. and VAN HOUTEN, Stephen. Placements and salaries, 1987. In Bowker annual, 34th ed. New York: Bowker, 1989–1990. ISBN 0 8352 2617 4. pp. 310–327.
004. Library scholarship and award recipients, 1988. In Bowker annual, 34th ed. New York: Bowker, 1989–1990. ISBN 0 8352 2617 4. pp. 332–340.
005. Library scholarship sources. In Bowker annual, 34th ed. New York: Bowker, 1989–1990. ISBN 0 8352 2617 4. pp. 330–332.
006. MYERS, Margaret. Guide to library placement sources. In Bowker annual, 34th ed. New York: Bowker, 1989–1990. ISBN 0 8352 2617 4. pp. 291–309.

THEORY AND PHILOSOPHY

007. BOTHA, Willem M. Studie-objek van die Biblioteek- en Inligtingkunde: verkenning en voorstelle. *S. Afr. J. Lib. & Inf. Sci.* 57(3) 1989 274–283.
008. GINMAN, Mariam. Strukturen hos biblioteks-vetenskapens och informatikens kunskapsbas. *Kirjastotiede ja Informatiikka* 8(4) 1989 115–118.

RESEARCH

009. ADAM, Ralph [sic]. Ethical issues in research and publication. *Lib. & Inf. Res. News* 12(45) 1989 12–24.

010. BALSLEV, Johannes. A working librarian's experience with library research. *Scand. Pub. Lib. Q.* 22(4) 1989 4-9.
011. BARCLAY, John. The place of research in the education of librarians. *Int. J. Inf. & Lib. Res.* 1(1) 1989 59-66.
012. BENEDIKTSSON, Daniel. Hermeneutics: dimensions toward LIS thinking. *Lib. & Inf. Sci. Res.* 11(3) 1989 201-234.
013. BOTTLE, Robert T. Library and information science research: a review article. *Journal of Librarianship* 21(3) 1989 202-207.
014. CLEMENT, J.B. Increasing research productivity through information technology: a user-centred viewpoint. *FID News Bulletin* 39(12) 1989 91-96.
015. COTTON, Ros. Presentation of manpower education and training research projects. *J. Inf. Sci.* 15(2) 1989 119-122.
016. DU MONT, Rosemary Ruhig. Bridging the gap between theory and practice: the role of research in librarianship. *Training & Education* 6(1) 1989 24-30.
017. FINK, Deborah. Process and politics in library research: a model for course design. Chicago, London: ALA, 1989, ISBN 0 8389 0519 6.
018. HAAG, Dietrich E. Compilation of the 'Register of investigations into librarianship in southern Africa.' *S. Afr. J. Lib. & Inf. Sci.* 57(3) 1989 328-338.
019. HERNON, Peter and HURT, C.D. Research. In *ALA yearbook of library and information services*, Vol. 19. Chicago: ALA, 1989. ISBN 0 8389 0514 5.
020. KRUGER, J.A. Akademiese navorsing in Biblioteek- en Inligtingkunde op magister- en doktorale vlak in Suid-Afrika. *S. Afr. J. Lib. & Inf. Sci.* 57(4) 1989 415-423.
021. MCCLURE, Charles R. and BISHOP, Ann. The status of research in library/information science: guarded optimism. *Coll. & Res. Lib.* 50(2) 1989 127-143.
022. MATHEWS, Anne J. An overview of issues, proposals and products in library/information research. *J. Educ. Lib. & Inf. Sci.* 29(4) 1989 251-261.
023. PERRY, Brian and WEBB, Sylvia. European opportunities for collaborative research. *Outlook on Research Libraries* 11(2) 1989 1-2.
024. VAKKARI, Partti. Tutkimaksen rooli kirjastotieteen ja informatiikan peruskoulutuksessa. *Kirjastotiede ja Informatiika* 8(4) 1989 119-126.

GENERAL ITEMS—UNIVERSAL

025. CORREA, Antoinette F. Evaluation de la formation face à la nouvelle philosophie du développement. In *Procs. 55th IFLA General Conference*, Paris, 1989 (Paper 151-TRAIN-4-F).

026. ALBARIC, Michel, translated by Peter Hoare. The librarian's role: from job to profession. *Libraries and Culture* 24(1) 1989 96–98.
027. BROADBENT, Marianne. Information management education: some interdisciplinary approaches. In Procs. 55th IFLA General Conference, Paris, 1989 (Paper 50-TRAIN-1-E).
028. CAWKELL, A.E. Job identification and education for the new information profession. In J.M. Brittain, ed. *Curriculum development in information science*. London: British Library Research & Development Department, 1989. ISBN 0 7123 3170 0. pp. 16–22.
029. COTTON, Ros. The future of the library and information workforce. *Lib. & Inf. Res. News* 12(45) 1989 25–26.
030. COTTON, Ros. Manpower, education and training research at the British Library Research and Development Department. *Training and Education* 6(1) 1989 15–17.
031. DAVIES, J. Eric. Investing in people or cramming for the Turing test? Professional training, development, and IT. *IT'S News* No. 18 February 1989 22–38.
032. DUMORTIER, J. Waarheen met de universitaire documentatie en bibliotheekopleiding? *Bibliotheek en Archiefgids* 65(3) 1989 269–285.
033. Educating library students for the years 1990–2010. *Library Monitor* No. 6 April 1989 9–10.
034. FANG, Josephine Riss, FISCHER, Edith and NAUTA, Paul. Richtlinien für die Gleichwertigkeit und gegenseitige Anerkennung beruflicher Qualifikationen. *Mitt. Ver. Ost. Bib.* 42(2) 1989 41–51.
035. FID Education and Training Committee report for 1987–1988. *Education for Information* 7(1) 1989 51–58.
036. FOSKETT, A.C. Information professionals—alternative futures. *Staff Dev. Aust. Lib. No.* 7 1989 10–13.
037. GÖDERT, Winfried and NOHR, Holger. Bibliothekarisches Fachhochschulstudium in veränderten Umfeld. *Bibliotheksdienst* 23(10) 1989 1027–1048.
038. HARLEMAN, Fer. Ieder vak krijgt de opleiding die het verdient. *Bibliotheek en Samenleving* 17(1) 1989 32–33.
039. HEYSER, Teresa and HEYSER, Richard G. The role of library education in meeting the personnel needs of public and school libraries. *J. Lib. Admin.* 10(4) 1989 3–19.
040. HURD, Julie. Education and training. In ASIS 2000: an open forum for the 1990s. *Bull. ASIS* 16(1) 1989 20–21.
041. IFLA. Education and Training Section. Annual report 1987/1988. In IFLA Annual 1988. Procs. of the 54th General Conference Sydney, 1988. Munich, London: Saur, 1989. ISBN 3 598 20669 0. pp. 101–102.

042. JACKSON, Miles M. Issues in library and information education at IFLA 1988. *J. Educ. Lib. & Inf. Sci.* 29(4) 1989 318–322.
043. JOHNSON, Ian *et al.* Harmonisation of education and training programmes for library, information and archival personnel: proceedings of an International Colloquium, London, 1987, Vols. 1 & 2. Munich: Saur (IFLA publication 49 & 50), 1989. ISBN 3 59821 779 X (Vol. 1) 3 59821 780 3 (Vol. 2).
044. KEMP, Ivor. Books and library development for developing countries. COMLA Newsletter No. 65 September 1989 4–5.
045. KEMP, Ivor. Turning the tide: library and information services in developing countries. *British Book News* July 1989 476–477.
046. LAU, Jesus. Education implications of information development. In Procs. 55th IFLA General Conference, Paris, 1989 (Paper 51-TRAIN-2-E).
047. LAW, Derek. Education needs for the 1990s. *Catalogue & Index* No. 94 1989 1, 3–7.
048. LEWIS, Dennis A. and MARTIN, William J. Information management: state of the art in the United Kingdom. *Aslib Proceedings* 41(7/8) 1989 225–250.
049. LINE, Maurice B. Education and training for the book and information world. *Serials* 2(3) 1989 11–18.
050. LINE, Maurice B. A study of the feasibility of a common core or background course for the book and information world. *Nat. Acq. Gp. News.* No. 6 1989 16.
051. LÖNNQUIST, Harriet. Varför attraherar inte de allmänna biblioteken de nytbildade idag? *Kirjastolehti* 82(9) 1989 338–340.
052. PARKER, J. Stephen. Libraries in developing countries: the British connection. *British Book News* February 1989 90–91.
053. PELUG, Günter. Bibliotheksplanung und Bibliothekarsausbildung: zum Selbstverständnis des Bibliothekars. *Zeit. Bib. u. Bib.* 36(2) 1989 89–97.
054. SAUNDERS, W.L. Towards a unified professional organisation for library and information science and services: a personal view. London: Library Association Publishing, 1989 (Viewpoints in LIS: No. 3). ISBN 0 85365 659 2.
055. SHINEBOURNE, John. Breaking the mould: changing education for librarianship. *Lib. Ass. Rec.* 91(8) 1989 468, 470–472.
056. TELL, Björn V. Cataloguing rules and database production—implications for manpower training in a developing country. *Int. For. Inf. & Dok.* 14(1) 1989 22–27.
057. TOROK, Andrew G. and TOROK, Stephen. Library education and micrographics enter a new phase. *Inform* 3(3) 1989 24–27.
058. VIEIRA, Anna da Soledade and PAIM, Isis. Revisitando o mercado de informação: novo currículo, novo profissional? *Rev. Esc. Bib. UFMG* 18(1) 1989 96–115.

059. WATTERS, Carolyn. Information science in the information age. *Can. J. Inf. Sci.* 14(3) 1989 42–50.
060. WILLE, Margit. Ein neues Praktikumsprogramm für die Grundstudienrichtung Bibliothekswesen. *Zent. Bib.* 103(3) 1989 106–108.
061. WILSON, Tom. Towards an information management curriculum. *J. Inf. Sci.* 15(4/5) 1989 203–209.

GENERAL ITEMS—INDIVIDUAL REGIONS AND COUNTRIES*Africa*

062. Library schools curriculum in Africa. *Unisist Newsletter* 17(2) 1989 31–32.

Algeria

063. BOUMARAFI, Behdja. Library and information education in Algeria: a framework for curriculum development. PhD thesis. Loughborough: Loughborough University of Technology, 1989.

Australia

064. KNOX, Jeanette. Education for librarianship: a decade in perspective. *Australian Library Journal* 38(2) 1989 125–132.

065. RAYWARD, W. Boyd. The future of library education in Australia—and its past. *Australian Library Journal* 38(2) 1989 115–123.

Belgium

066. BOECKX, Theo. De bibliotheekopleiding in Vlaanderen: van Akte van Bekwaamheid tot Speciale Licentie. *Open* 21(11) 1989 384–389.

067. BOECKX, Theo. Inrichting van de Vlaamse bibliotheekscholen: resultaten van een enquête. *Bibliotheek en Archiefgids* 65(2) 1989 247–251.

Brazil

068. POBLACIÓN, Dinah Aquilar. La Biblioteconomía en Brasil: movimientos a sociativos y formación profesional. *Rev. Esp. Doc. Cient.* 12(1) 1989 37–41.

Brunei Darussalam

069. Professional education in Brunei Darussalam. *Foc. Int. & Comp. Lib.* 20(2) 1989 28–29.

Bulgaria

070. KAROV, Kh.N. Povyshenie kvalifikatsii kadrov Natsional'noj sistemy nauchnoj i tekhnicheskoy informatsii NRB i o buchenie potrebitelej. *Prob. Inf. Sist.* 1989 (6) 17–19, 80.

Burundi

071. Library education in Burundi. *Foc. Int. & Comp. Lib.* 20(2) 1989 29.

Canada

072. MCKAY, Elizabeth. A practitioner speaks. Presentation to the Second Symposium on Library Education in Canada, London, Ontario, 25–27 September 1988. *J. Educ. Lib. & Inf. Sci.* 29(3) 1989 243–246.

China, People's Republic

073. LI WEIMING. Professional education for library and information personnel in China. *Int. Lib. Rev.* 21(2) 1989 263–275.

074. OLDEN, Anthony. Teaching in Beijing in April 1989. *Foc. Int. & Comp. Lib.* 20(2) 1989 24–25.

075. SIMON, Hans-Reiner. Übersicht zur bibliotheks- und informationswissenschaftlichen Forschung und Lehre in China. *Mitt. Ges. Bib. u. Dok. Land.* 45 1989 29–53.

076. TAO LI. Education of information professionals in China: changes and trends. *J. Educ. Lib. & Inf. Sci.* 29(3) 1989 228–229.

077. WU, Guang-Wei. Management and qualitative and quantitative evaluation of library school teachers in China. *Education for Information* 7(1) 1989 3–16.

Czechoslovakia

078. CEJPEK, J. Would there be the two-stage university study proper for education of information professionals? [In Czech]. *Cesk. Inf. Teo. Praxe* 31(5) 1989 132–133.

079. MARUNIAK, Peter. Vzdelávanie kniznienych a informačných pracovníkov. In *INFOS 89. Proceedings of a seminar*, Taloch, 4–6 April 1989. Bratislava, 1989. pp. 57–64.

Denmark

080. PORS, Niels Ols. Bibliotekaruddannelsen in Danmark. *Nordinfo-Nytt* 12(4) 1989 7–16.

East Africa

081. OTIKE, Japhet N. The training of information personnel in East Africa. *Libri* 39(2) 1989 100–126.

Ethiopia

082. PANKHURST, Rita. Librarianship education in Ethiopia. *Inf. & Lib. Man.* 8(1) 1989 5–9.

Fiji

083. EVANS, John. Education for librarianship in the Pacific Island States. *Foc. Int. & Comp. Lib.* 20(2) 1989 25–28.

Finland

084. LAAKSOVIRTA, Tuula H. Koulutus—ammatti—tied e koulutuspolitiikan uudet tuulet. *Kirjastolehti* 82(4) 1989 160–163.

085. MYLLYLÄ, Riita. Avointa koulutusta suljetulle ammattikunnalle. *Kirjastolehti* 82(11) 1989 439–441.

086. OKKO, Marjatta. Kirjastotieteen ja informatiikan opetuksen ja tutkimuksen kehityslinjoja Tampereen yliopistossa. *Kirjastotiede ja Informatiikka* 8(1) 1989 21–25.

087. OKKO, Marjatta. Utbildningen inom BDI sektorn i Finland. *Nordinfo-Nytt* 12(4) 1989 17–24.

France

088. COWBURN, Ian. Oh, to be a documentaliste. *New Library World* 90 (1972) 1989 184–185.

Germany, Democratic Republic

089. FLEISCHER, Petra. Zur neuen bibliothekarischen Ausbildung. *Bibliothekar* 43(5) 1989 193–196.

090. MANECKE, Hans-Jürgen. Stand und Perspektiven der Aus- und Weiterbildung von Informationsfachkräften in der DDR an der Schwelle der 90er Jahre. *Informatik* 36(4) 1989 133–135.

091. SIEK, Erich. Die neue Ausbildungsunterlage für Bibliotheksfacharbeiter. *Bibliothekar* 43(3) 1989 97–101.

092. WERNER, Rosemarie. Grundsatzdokument zur einheitlichen Aus- und Weiterbildung von Fachkadern des Bibliotheks- und Informationswesens nach 1990. Zent. Bib. 103(5) 1989 193–198.

Germany, Federal Republic

093. MARLOTH, Heinz, REINHOLD, Dorothee and SCHMIDT, Ralph. Die Ausbildung zur Informationsserbeit- BID-bezogene Aus und Fortbildung zwischen Engagementdefizit und Professionalisierung. Nach. Dok. 40(5) 1989 273–281.

094. MOON, Christine. Report on a German library study tour. COPOL Newsletter No. 48 1989 24–26.

095. ROCHESTER, Maxine. Education for library and information workers in the Federal Republic of Germany. Aust. Acad. & Res. Lib. 20(3) 1989 154–164.

096. TEHNZEN, Jobst. Die Praktische Ausbildung der Bibliotheksreferendare: Impulse zur Umsetzung der Empfehlungen für die Ausbildung des höheren Bibliotheksdienstes. Berlin: Deutsches Bibliotheksinstitut, 1989 (dbi-Materialien; 87).

Iceland

097. HANNESDOTTIR, Sigrún Klara. Bibliotekarieutbildningen i Island. Nordinfo-Nytt 12(4) 1989 25–31.

098. HANNESDOTTIR, Sigrún Klara. Framtidarstefna i bókasfnsog upplýsingafraedi vid Háskóla Íslands. Bókasafnid 13 1989 32–34.

India

099. KEMPARAJU, T.D. Library and information manpower development: through a meaningful interaction among education and practising sectors. Lucknow Librarian 21(2) 1989 58–63.

100. SATIJA, M.P. Sources of Indian library and information science dissertations. Libri 39(1) 1989 71–78.

101. TIKKU, Upinder K. Library and information science education in India: a perspective. Library Times International 6(3) 1989 33–35.

Iran

102. HARVEY, John F. Iranian information education. J. Educ. Lib. & Inf. Sci. 29(3) 1989 177–196.

Italy

103. CAPRONI, Attilio Mauro. Appunti per un sistema formative per la professione. AIB Boll. Inf. 29(1) 1989 21–31.

104. DI GUARDO, Antonino. Come (non) si fa scuola di biblioteconomia: il secondo corso di reclutamento per bibliotecari (delle Università): quale strategia formativa? AIB Boll. Inf. 29(2-3) 1989 213-218.
105. DOMENICO, Giovanni di. Come (non) si produce un bibliotecario. AIB Boll. Inf. 29(2-3) 1989 207-212.
106. SERRAI, Alfredo. La formazione dei bibliotecari: ovvero come impiantare e rendere operante una metafisica culturale. Il Bibliotecario No. 19 1989 119-134.

Kenya

107. OTIKE, Japhet. Education of information personnel in Kenya. Outlook on Research Libraries 11(10) 1989 9-12.
108. OTIKE, Japhet. The training and education of information professionals in Kenya. Inf. & Lib. Man. 8(1) 1989 11-16.

Malta

109. XUAREB, Paul. Memorandum on some matters relating to library training and the Libraries Department. Ghaqda Bibliotekarji Newsletter No. 62 1989 3-5.
110. ZAMMIT, William. Academic training for Maltese librarians. Ghaqda Bibliotekarji Newsletter No. 62 1989 1-2.

Netherlands

111. LAQUEUR, Madeleine and VAN DER STARRE, Jan. De opleiding voor bibliotheek en documentaire informatie: een beknopt overzicht. Open 21(9) 1989 310-315.
112. TILSTRA, Arjen. Opleiding en praktijk moeten elkaar niet loslaten: opleiden voor het openbare bibliotheekwerk; van oud naar nieuw. Bibliotheek en Samenleving 17(3) 1989 94-95, 97-99.
113. VAN GENT, J.J.M., VAN DER NEUT, H.H. and PRONK, C.P. Functies, diploma's en opleidingen: een overzicht. Open 21(6) 1989 225-227.
114. WESSELS, Elise. Studenten zijn de bibliothecarissen van de toekomst; hoe werden en worden ze voorbereid? Het testament van een BOB opleiding. Bibliotheek en Samenleving 17(2) 1989 45-47.

New Zealand

115. Developments in New Zealand's library education. COMLA Newsletter No. 64 1989 5-6.

Nigeria

116. AMUCHEAZI, O.N. Teaching of library science in Nigeria with special reference to the Department of Library Science, University of Nigeria, Nsukka. COMLA Newsletter No. 65 1989 6-7.
117. ОВОКОН, Н.Р. Alternating work and education: a sandwich programme for an undergraduate diploma in library science. *Library Review* 38(5) 1989 22-28.

Nordic Countries

118. RUGAAS, Bendik. Utdanning for bibliotek og informasjon—Norden, Europa og verden. *Nordinfo-Nytt* 12(4) 1989 4-6.

Norway

119. HENDRIKSEN, Tor. Bibliotek- og informasjonsutdannig i Norge. *Nordinfo-Nytt* 12(4) 1989 32-38.

Papua New Guinea

120. EVANS, John. Problems faced in enhancing library education programmes: a case study from Papua New Guinea. *Training & Education* 6(3) 1989 67-77.
121. EVANS, John. Transferred function—the moving of Papua New Guinea's library school. *Educ. Lib. Aust.* 6(1) 1989 13-19.

Poland

122. REDUCKA, Barbara. Kształcenie techników informacji naukowej—potrzeby a możliwości. [In Polish]. *Akt. Prob. Inf. Dok.* 34(3) 1989 7-15.

Portugal

123. BARRULAS, Maria Joaquina. CORREIA, Ana Maria Ramalho and WILSON, T.D. Information intermediaries for industry in Portugal: a training programme and its impact. *Education for Information* 7(4) 1989 313-323.

Spain

124. CARIDAD, Mercedes and PORTELA, Paloma. The documentalist in Spain. *Education for Information* 7(3) 1989 273-280.
125. SEBASTIAN, Mercedes Caridad and PEÑAS, Paloma Portela. La situación de documentalista en España. *Act. Inf. Cient. Tec.* 20(5) 1989 26-41.

Sri Lanka

126. LANKAGE, Jayasiri. Library education in Sri Lanka. *Int. Lib. Rev.* 21(1) 1989 67–72.

Sweden

127. SELDEN, Lars. Bibliotekarieutbildningen i Sverige. *Nordinfo-Nytt* 12(4) 1989 39–56.

Switzerland

128. BRENZIKOFER, Theo. Die Aus- und Weitbildung des Dokumentare: heute—morgen—visionen. *Arbido R* 4 (special issue) 1989 40–42.

Tanzania

129. NEWA, John M. Academic status for university librarians in Tanzania. *Library Review* 38(3) 1989 19–35.

United Kingdom

130. HAYTHORNTHWAITE, J. Bibliotheekopleidingen in Groot-Brittanië. *Bibliotheek en Samenleving* 17(2) 1989 48–49.
131. JOHNSON, Ian. Schools of librarianship and continuing education in Britain. *J. Educ. Lib. & Inf. Sci.* 30(2) 1989 136–140.
132. Vocational training: LA meets with the NCVQ. *Lib. Ass. Rec.* 91(3) 1989 128.

United States of America

133. ESTABROOK, Leigh. The growth of the professions. *Coll. & Res. Lib.* 50(3) 1989 287–296.
134. FREYTAG, Jürgen. Impressionen von einer Dienstreise in Sachen. *Zent. Bib.* 103(3) 1989 108–114, 141–142, 144.
135. LYNCH, Mary Jo. 1989 salaries are up! *American Libraries* 20(11) 1989 1108–1109.
136. PITCH, Rachel. Current realities: observations of a new librarian on relevancy of library education to work in a large urban library. *J. Educ. Lib. & Inf. Sci.* 30(2) 1989 154–157.
137. POCHEPPTSOVA, D.V. Osnovnye printsipy organizatsii obucheniya v sisteme povysheniya kvalifikatsii bibliotechnykh kadrov SSLA. Kiev: Kiev gos. in-t kul'tury, 1989.

138. ROBBINS, Mary Esther, edited with an introduction by Charles A. SEAVEY. Inspection of library training schools, 1914: the missing Robbins report. Champaign, IL: University of Illinois, Graduate School of Library & Information Science, 1989 (Occasional Papers / University of Illinois Graduate School of Library & Information Science, No. 186).
139. SINEATH, Timothy W. ed. Library and information science education statistical report, 1989. Saratoga, FL: ALISE, 1989. ISSN 0739-506X.
140. VAN ORDEN, Phyllis J. Education, Library. In *ALA yearbook of library and information services*, Vol. 14. Chicago: ALA, 1989. ISBN 0 8389 0514 5. pp. 105–107.
141. WIEGAND, Wayne A. The development of librarianship in the United States. *Libraries and Culture* 24(1) 1989 99–109.

USSR

142. ARTEMJEVA, E.B., ZHDANOVA, T.A. and PROVOLOTSKAYA, N.F. The future of librarianship and library education. [In Russian]. *Nauch. Tek. Bib. SSSR* No. 5 1989 13–18.
143. CHERNETS, V.I. and SKNAR, V.K. Aktivatsiya ucheby phyus samoobrazovanie. *Sov. Bib.* 1989(2) 57–59.
144. GALIULLINA, G.S. Podgotovka bibliotechnykh kadrov v svete sovremennoj informatsionnoj situatsii. *Nauch. Tek. Bib. SSSR* No. 4 1989 16–18.
145. GLEBOVA, S.P. and ZHDANOVA, T.A. Higher educational establishments and libraries: joint efforts in searching the ways of training highly skilled librarians. [In Russian]. *Nauch. Tek. Bib. SSSR* No. 4 1989 13–16.
146. GUDAUSKAS, R. Rol i mesto universitetov v. sisteme vysshego bibliotechno-bibliograficheskogo obrazovaniya SSSR. *Nauch. Tek. Bib. SSSR* No. 4 1989 24–26.
147. GRACHYEV, V.I. and RUDICH, L.I. The place of a library in the system of socio-communication activities and the problem of training specialists of a new type. [In Russian]. *Nauch. Tek. Bib. SSSR* No. 6 1989 3–6.
148. IVANOVA, G.A. and TERESHIN, V.I. Differentsiatsiya vysshego bibliotechnogo obrazovaniya po trem tipam bibliotek. *Nauch. Tek. Bib. SSSR* No. 1 1989 28–32.
149. KAROV, Kh. and MCHVELIDZE, A.I. Desyatiletie sotrudnichestva po povyscheniyu kvalifikatsii spetsialistov informatsionnykh sluzhb. *Nauch. Tek. Inf. Ser. 1* No. 2 1989 37–38.
150. MILEVICH, T.P. Neobkhodimost spetsializatsii ‘Metodist po bibliotechnoj rabote.’ *Nauch. Tek. Bib. SSSR* No. 4 1988 26–27.
151. SHEHURIN, D.E. O povyshenii informatsionnymi rabotnikami svoej kvalifikatsii. *Nauch. Tek. Inf. Ser. 1* No. 3 1989 27–29.

COMPARATIVE STUDIES

152. McCROSSAN, John A. Schools of library and information science in the United States and the United Kingdom: a comparison. *J. Educ. Media & Lib. Sci.* 26(4) 1989 316–324.
153. TAGLIABUE, Manola. Su alcune scuole per bibliotecari in Gran Bretagna e Francia. *AIB Boll. Inf.* 29(2/3) 1989 343–344.

LIBRARY AND INFORMATION SCIENCE SCHOOLS AND DEPARTMENTS**General**

154. PAO, Miranda Lee and WARNER, Robert M. Strategic planning for the 1990s: a challenge for change. *Education for Information* 7(3) 1989 263–271.
155. What's going on? *Library Monitor* No. 9 1989 5–7.

Accreditation

156. LESTER, June. The ALA Accreditation process: implications for educational preparation for law librarianship. *Law Library Journal* 81(3) 1989 511–522.
157. Response to Jeffrey Katzer from the American Library Association Committee on Accreditation. *Lib. & Inf. Sci. Res.* 11(2) 1989 89.
158. TOTTEN, Herman L. Accreditation. In *ALA Yearbook of library and information services*, Vol. 14. Chicago: ALA, 1989. ISBN 0 8389 0514 5. pp. 18–19.
159. TOTTEN, Herman L. Accreditation versus certification: which? *Education Libraries* 14(2) 1989 48–60.

Curriculum development

160. BRITTAINE, J. Michael. Curriculum development in information science to meet the needs of information industries in the 1990s. London: British Library Research & Development Department, 1989 (*Library & information research report* 70). ISBN 0 7123 3170 0.
161. BRITTAINE, J. Michael. Implications for education and training. In J.M. Brittain, ed. *Curriculum development for information science*. London: British Library Research & Development Department, 1989. ISBN 0 7123 3170 0. pp. 153–205.
162. BROOKES, B.C. Personal transferable skills for the modern information professional: comments on the paper by Sarah Gash and Denis Reardon. *J. Inf. Sci.* 15(2) 1989 115–117.

163. BUTTLAR, Lois and DU MONT, Rosemary Ruhig. Assessing library science competencies: soliciting practitioner input for curriculum design. *J. Educ. Lib. & Inf. Sci.* 30(1) 1989 3-18.
164. MERKULOV, G.G. Vybor optimal'nogo varianta. *Sov. Bib.* 1989(2) 59-63.
165. SELIVERSOTVA, E.T. Sistema znanij bibliotechnogo spetsialista, ili chemu uchit' bibliotekarya. *Nauch. Tek. Bib. SSSR* No. 2 1989 18-24.
166. WALLACE, Danny P. and HEIM, Kathleen M. Creativity in library and information science education: implications for curriculum design. *J. Lib. Admin.* 10(2/3) 1989 91-105.

Courses / study—professional*First qualification*

167. EASTERMANN-WISKOTT, Yolande. Une formation supérieure pour documentaliste: le CESID. *Arbido R* 4 (special issue) 1989 35-37.
168. HAYWOOD, Trevor and KIRKMAN, Sandi. Mastering Access: the Birmingham MSc Information Management. In *Procs. 55th IFLA General Conference, Paris 1989* (Paper 5-RTCPE-2-E).
169. KOENIG, Michael E.D. MS/MIS Program at Rosary College. *Education for Information* 7(2) 1989 161-162.
170. STUSSY, Susan A. The MLS: a necessary credential for the professional librarian. *Catholic Library World* 60(3) 1989 126-129.

Courses / study—paraprofessional

171. BOWMAN, Robert J. Library technicians under and over. *Aust. Coll. Lib.* 7(3) 1989 111-116.
172. MYLLYLÄ, Riitta. Kirjastoalan oppisopimus koulutus—kenen etu? *Kirjastolehti* 82(3) 1989 115-116.
173. NETTLEFOLD, Brian A. Paraprofessionalism in librarianship. *Int. Lib. Rev.* 21(4) 1989 519-531.

Courses / study—non-professional

174. AGUMANU, Joan N. Education and training for non-professional library staff in Nigeria (Part I). *J. Educ. Lib. & Inf. Sci.* 30(1) 1989 68-69.

175. AGUMANU, Joan M. Education and training for non-professional library staff in Nigeria (Part II). *J. Educ. Lib. & Inf. Sci.* 30(2) 1989 141–143.
176. BEALES, Karen. Non-professional information and training. *Education for Information* 7(1) 1989 29–41.
177. FINLÄNDS BIBLIOTEKSFORENING. Kirjastovirkailijoiden oppisopimuskoulutukseen oppiohjelmaesityksestä. *Kirjastolehti* 82(6) 1989 246.
178. HOLSTE-FLINSPACH, Karin. Assistenten an Bibliotheken: Geschichte und Entwicklung eines Berufes und seiner Ausbildung. *Bibliothek: Forschung und Praxis* 13(3) 1989 294–314.
179. HOLSTE-FLINSPACH, Karin. Neue Entwicklungstendenzen in der Assistentenausbildung: Gibt es bald eine gemeinsame Ausbildung von Archiv- Biblioteks- u. Dokumentationsassistenten? *Buch und Bibliothek* 41(4) 1989 341–344.
180. MCKENNA, Sandra. HNC: an opportunity for library assistants. *Library Work* No. 5 1989 8.
181. SCARROTT, Martin. Non-professional staff: an overview. *Library Work* No. 4 1989 17–19.

Modes of study

Distance education

182. BLACKIE, Edna. Open learning to mature students. *Library Work* No. 6 1989 10–11.
183. HAYTHORNTHWAITE, J.A. and WHITE, F.C.P. Distance education and library and information studies. *Lib. Ass. Rec.* 91(10) 1989 585–586.
184. HAYTHORNTHWAITE, J.A. and WHITE, F.C.P. Distance education in library and information studies: a survey. London: British Library Research & Development Department, 1989 (British Library research paper 50). ISBN 0 7123 3176 X.
185. LLOYD, I. A personal view of studying at a distance. *Scottish Libraries* No. 17 1989 8.
186. McCULLOUGH, Sheila. Overseas open learning students at Telford College. *Library Work* No. 5 1989 15.
187. SMIRNOV, E.M. and SOKUR, G.A. Sovershenstvovanie podgotovki bibliotekarej v usloviyakh zaochnogo obucheniya. *Nauch. Tek. Bib. SSSR* No. 4 1989 21–23.

Teaching methods

188. BEATTIE, Kathleen. Computer use and instructional design in library science. *Educ. Lib. Aust.* 6(1) 1989 5–12.

189. BEATTIE, Kathleen. Overcoming mathophobia in librarianship students. *New Zealand Libraries* 46(2/3) 1989 15–17.
190. HANNABUSS, Stuart. Entropy: a game of deliberate disorder in teaching. *Inf. & Lib. Man.* 8(1) 1989 17–23.
191. McGARRY, Kevin. Information workers in the social sciences: how shall we assess them? *Assignment* 6(4) 1989 23–25.
192. MARCHIONINI, Gary. Electronic problem scenarios: integrating computers into instruction. *J. Educ. Lib. & Inf. Sci.* 29(3) 1989 165–176.
193. MARTIN, Gillian. ELF update. *Education for Information* 7(2) 1989 143–144.
194. NWEKE, Ken M.C. Information technology used for education for information in the Maiduguri Library School, Nigeria. *Education for Information* 7(1) 1989 43–49.
195. ROGERS, Elizabeth. What does interactive video offer as a training medium. *Training & Education* 6(1) 1989 18–23.
196. SCHWARZ, Candy. CD-ROM in the library and information science curriculum. *Laserdisk Professional* 2(1) 1989 81–88.
197. WALCZAK, Marian. Stroki audrowizualne w nauczaniu i uczeniu sie bibliotekarstwa. *Bibliotekarz* 56(1/2) 1989 8–12.
198. WILLETT, Peter and WOOD, Frances E. Use of the INSTRUCT text retrieval program at the Department of Information Studies, University of Sheffield. *Education for Information* 7(2) 1989 133–141.
199. WOOD, Judith B. Classroom instruction programs offered by information retrieval services. *J. Educ. Lib. & Inf. Sci.* 30(1) 1989 57–60.

Specialised education

Academic librarianship

200. ACRL statement on the certification and licensing of academic librarians. *Coll. & Res. Lib. News* 50(10) 1989 893.
201. COLLIER, Mel. The role of information technology in the management of academic libraries and information services. In J.M. Brittain, ed. *Curriculum development in information science*. London: British Research & Development Department, 1989. ISBN 0 7123 3170 0. pp. 4–15.
202. HARRISON, Albert. Observations on the education and training of academic librarians. *Library Review* 38(5) 1989 29–38.
203. KUMAR, Sudhir. Sixth IATLIS National Seminar on Education for Academic Librarianship. *Her. Lib. Sci.* 28(1–2) 1989 91–95.

Agricultural librarianship

204. AINA, L.O. Education and training of librarians for agricultural information work in Africa: specialist librarians for agriculture can accelerate development. *IAALD Q. Bull.* 34(1) 1989 23–26.
205. MENOUD, Michael J. and NIANG, Thiendou. General programme for training in agricultural information: PROCEFIA. *FID News Bulletin* 39(7/8) 1989 53–54.

Business librarianship

206. The business information profession: which way forward? *Business Library Management* 2(8) 1989 3–24.
207. BUTCHER, Helen. Business information curricula: an employer's list of essential skills and knowledge. *Education for Information* 7(4) 1989 335–341.
208. JAMES, Sylvia. Understanding managerial principles and practices: management training for business information professionals. *Education for Information* 7(4) 1989 355–363.
209. LOWE, Michael A. A review of the literature of business information education. *Education for Information* 7(4) 1989 365–371.

Children's librarianship

210. PAIN-LEWINS, Helen. The education and training of public librarians working with children and teenagers. *Training & Education* 6(1) 1989 3–14.

Conservation and preservation librarianship

211. CLOONAN, Michele Valerie and NORCOTT, Patricia C. Evolution of preservation librarianship as reflected in job descriptions from 1971 through 1987. *Coll. & Res. Lib.* 50(6) 1989 646–656.

Law librarianship

212. HAZELTON, Penny A. Library school and legal bibliographies. *Leg. Ref. Serv. Q.* 9(1/2) 1989 79–88.
213. JEFFRIES, John. Law librarianship in the United Kingdom: preparation, the profession and the British and Irish Association of Law Librarians. *Law Library Journal* 81(4) 1989 679–690.

Medical and health sciences librarianship

214. ANDERSON, Rachel K. Reinventing the medical librarian. *Bull. Med. Lib. Ass.* 77(4) 1989 323–331.

215. MARSHALL, Joanne G. Health sciences library education in Canada: Part 1—list of courses. *Bib. Med. Can.* 10(4) 1989 171–176.
216. SOLIMINE, Giovanni. Figure professionali in biblioteche mediche. *Biblioteche Oggi* 7(2) 1989 273–275.

Music librarianship

217. CHRISTIANSEN, Bent. Nordisk kursus i musikbiblioteksarbejde: kursusrappoert. *Nordinfo-Nytt* 12(2) 1989 34–44.

Public librarianship

218. CHARLTON, Michael. Teaching library students about mobile library services. *Rural Libraries* 9(1) 1989 7–13.
219. OLSGAARD, John N. Educational preparation for public library administration: a model for cooperation. *J. Lib. Admin.* 11(1/2) 1989 35–51.

School librarianship

220. OBERG, Dianne. Education for teacher-librarians: a status report. *School Libraries in Canada* 9(3) 1989 23–28.
221. ROYAL, Selvin W. Information power: curriculum implications. *J. Educ. Lib. & Inf. Sci.* 30(2) 1989 102–112.
222. SMITH, Polly. Would you like to do an MEd in school librarianship? *SLG News* No. 23 1989 25–26.
223. WRIGHT, John. School librarianship: an international perspective. *School Libraries in Canada* 9(2) 1989 25–30.

Special librarianship

224. CROSS, Barbara Marston and RICHARDSON, John Jr. The educational preparation of government information specialists. *J. Educ. Lib. & Inf. Sci.* 30(1) 1989 28–38.
225. LEE, David M. Educational requirements of librarians and information scientists in British broadcasting. In J.M. Brittain, ed. *Curriculum development in information science*. London: British Library Research and Development Department, 1989. ISBN 0 7123 3170 0. pp. 31–52.
226. MELLOTT, Constance M. Courses for special librarianship offered in ALA-accredited programs in 1987 and implications for the education of science/technology librarians. *Sci. & Tech. Lib.* 10(1) 1989 77–87.

Theological librarianship

227. MCINTOSH, Lawrence D. Professionalism in theological librarianship. *Bull. Ass. Brit. Theol. & Phil. Lib.* 2(5) June 1989 18–24.

Teaching individual subjects*Business information*

228. BELL, Steven J. Showing them how to mean business: teaching business information to health sciences librarians. *Education for Information* 7(4) 1989 325–333.
229. BRACE, William and KOENIG, Michael E.D. Providing information for and to business students. *Education for Information* 7(4) 1989 343–354.
230. RENNIE, Janet. Education and training in business information—the City University experience. *Coll. Lib. Bus. & Man.* No. 7 1989 2–7.

Cataloguing and indexing

231. BOURNE, Ross. Seminar on the teaching of information storage and retrieval: overview. *Catalogue & Index* Nos. 92/93 1989 3–4.
232. BRUNT, Rodney. Seminar on the teaching of information storage and retrieval: proceedings of a seminar organised by the Cataloguing & Indexing Group of the Library Association, London, 2 February 1988. *Catalogue & Index* Nos. 92/93 1989 (whole issue).
233. EARL, Carleton. What a chief requires of cataloguers: a personal view. *Catalogue & Index* Nos. 92/93 1989 9–10.
234. HILL, Janet Swan. Stalking the elusive cataloguer. *American Libraries* 20(5) 1989 458, 460.
235. INTNER, Sheila S. and HILL, Janet Swan, eds. Recruiting, educating and training cataloguing librarians: solving the problems. New York: Greenwood Press, 1989 (New directions in information management 19). ISBN 0 313 26693X.
236. KIRKHAM, Sandi. Teaching of information storage and retrieval: a lecturer's view. *Catalogue & Index* Nos. 92/93 1989 8.
237. KOVACS, Beatrice. An educational challenge: teaching cataloguing and classification. *Lib. Res. & Tech. Serv.* 33(4) 1989 374–381.
238. PETERS, Stephen H. Time devoted to topics in cataloguing courses. *J. Educ. Lib. & Inf. Sci.* 29(3) 1989 209–219.

239. SWEENEY, Russell. The teaching of information storage and retrieval. Catalogue & Index Nos. 92/93 1989 5-7.
240. WINTERSGILL, David. The view of a recent library school graduate. Catalogue & Index Nos. 92/93 1989 13-15.

Children's literature

241. WESTIN, Boel. Universitetsundervisning i barn och ungdomslitteratur. Barnboken 12(1) 1989 13-15.

Computing and information technology

242. DANIEL, James O. The knowledge base for library automation personnel. Int. Lib. Rev. 21(1) 1989 73-82.
243. DORSEY, Steven D. Characteristics of effective educational programs for online systems. In Procs. 10th National Online Meeting, 1989. Medford, NJ: Learned Information, 1989. ISBN 0 938734 34 2. pp. 121-126.
244. DYER, Hilary. Teaching library automation: an update. Aslib Information 17(9) 1989 210-217.
245. FOURIE, Ina. Behoefte van professionele personeel in die biblioteek- en inligting-wese aan rekenaarmatige opleiding. S. Afr. J. Lib. & Inf. Sci. 57(1) 1989 61-68.
246. FOURIE, Ina. Moontlikhede vir rekenaarmatige opleiding in die Biblioteek- en Inligtingkunde in Suid-Afrika. Mousaion 7(2) 1989 76-86.
247. MARTIN, G. and BUXTON, A. New course in computerized information systems at UCL Library School. Int. J. Inf. Man. 9(1) 1989 35-40.

Conservation and preservation

248. CLEMENTS, D.W.G. *et al.* Review of training needs in preservation and conservation. Paris: Unesco, 1989 (PGI-89/WS/15).
249. CONWAY, Paul. Archival preservation: definitions for improving education and training. Restaurator 10(2) 1989 47-60.
250. FEATHER, John and LUSHER, Anne. Education for conservation in British library schools: current practices and future prospects. Journal of Librarianship 21(2) 1989 129-138.
251. TWOMEY, James E. Descriptive awareness of a conservation awareness program. J. Educ. Lib. & Inf. Sci. 29(3) 1989 197-208.

Ethics

252. WOODWARD, Diana. Teaching ethics for information professionals. *J. Educ. Lib. & Inf. Sci.* 30(2) 1989 132–135.

Expert systems

253. O'NEILL, Margaret and MORRIS, Anne. Expert systems: the United Kingdom's educational approach. *Computers in Libraries* 9(10) 1989 14–18.

Information management

254. Information management education in economics and public administration programs at the University of Constance. *Inf. Man. Rev.* 4(3) 1989 37–48.

Information retrieval

255. CLARK, Juleigh Muirhead and SILVERMAN, Susan. What are students hearing about online searching? A survey of faculty. *RQ* 29(2) 1989 230–238.

256. PERKINS, Mirian L., SPANN, Melvin L. and BUCHAN, Patricia C. MEDTUTOR: microcomputer-based training for MEDLINE. *NLM News* 44(8–9) 1989 4–5.

257. PERKINS, Miriam L. and SPANN, Melvin L. TOXLEARN: microcomputer-based training for TOXLINE. *NLM News* 44(6–7) 1989 4.

258. ROBERTS, Norman. Online: in an education cul-de-sac? *Education for Information* 7(2) 1989 101–106.

259. TENOPIR, Carol. Education for database intermediaries: how library schools have changed. *Online* 13(6) 1989 55–63.

260. WILLIAMS, Martha E. and HU, Chengren. Preparing for online searching through education and training. In *Procs. 10th National Online Meeting, 1989*. Medford, NJ: Learned Information, 1989. ISBN 0 938734 34 2. pp. 489–498.

Management

261. STUEART, Robert D. Human relations in library education: relationships among colleagues. *IFLA Journal* 15(1) 1989 44–49.

262. ZAINUDDIN, H.R. Lengnag, CHAN, Sirdi and POWELL, Antoinette Paris. Management techniques for developing libraries: teaching library management techniques to Indonesian librarians. *IAALD Q. Bull.* 34(4) 1989 167–170.

Marketing

263. ORMEROD, Paul. Meeting manpower needs for marketing online business databases. In J.M. Brittain, ed. *Curriculum development for information science*.

London: British Library Research & Development Department, 1989. ISBN 0 7123 3170 0. pp. 23–30.

264. SAVARD, Réjean. L'importance d'une formation de base en marketing pour les bibliothécaires documentalistes. In Procs. 55th IFLA General Conference, Paris, 1989 (Paper 52-TRAIN-3-E).

Public relations

265. PYLE, Jon. Training and educating staff for public relations. In M. Kinnell, ed. Planned public relations for libraries: a PPRG handbook. London: Taylor Graham, 1989. ISBN 0947 568 31 X. pp. 78–87.

266. WEINGAND, Darlene E. Educating staff for public relations. In M. Kinnell, ed. Planned public relations for libraries: a PPRG handbook. London: Taylor Graham, 1989. ISBN 0947 568 31 X. pp. 68–77.

Reference and information services

267. BOERMA, E.J. Naar een methodologie van literatuur-onderzoek: enige wetenschapstheoretische beschouwingen. Open 21(1) 1989 2–7.

268. HAVENER, W. Michael. Online ready reference in the classroom. J. Educ. Lib. & Inf. Sci. 29(4) 1989 313–315.

269. HENDERSON, Deborah *et al.* Rules and tools in library schools. J. Educ. Lib. & Inf. Sci. 29(3) 1989 226–227.

Research methods

270. ROBBINS, Jane. Research skills for research librarians: a report on and examples from an educational program. J. Acad. Lib. 15(1) 1989 4–6.

Practical work experience

271. ALAFIATAYO, Benjamin O. Practical work in the education and training of recruits into librarianship. International Library Management 11(2) 1989 77–90.

272. BEARD, A.J. Practical placements at PNL. Lib. Ass. Rec. 91(10) 1989 587–588.

273. CARGILL, Jennifer. Developing library leaders: the role of mentorship. Lib. Admin. & Man. 3(1) 1989 12–15.

274. CAVE, Roderick. The trainee librarian in New Zealand today. New Zealand Libraries 46(2/3) 1989 9–12.

275. COLEMAN, J. Gordon Jr. The role of the practicum in library schools. J. Educ. Lib. & Inf. Sci. 30(1) 1989 19–27.

276. NASSIMBENI, Mary. Fieldwork in education for library and information science: some observations emerging from a doctoral study. *Jagger Journal No. 9* 1988–1989 29–33.

Teaching staff / faculty

277. BOAZ, Martha. Going forward (not sitting) in the library/information science profession. *J. Educ. Lib. & Inf. Sci.* 30(1) 1989 75–78.
278. BUDD, Richard W. Recruiting, retaining and rewarding research faculty: art or atmosphere? *J. Educ. Lib. & Inf. Sci.* 30(2) 1989 83–89.
279. COOPER, Marianne and KAUFMANN, Shoshana. Librarians and library educators in the 1980s: shared interests, cooperative ventures. *Coll. & Res. Lib.* 50(2) 1989 164–180.
280. CRONIN, Blaise and DAVENPORT, Lizzie. Profiling the professors. *J. Inf. Sci.* 15(1) 1989 13–20.
281. MARLOTH, Heinz. Fortbildung für Dozenten: ein Modellversuch an der Fachhochschule für Bibliotheks- und Dokumentationswesen in Köln. *Nach. Dok.* 40(4) 1989 249–252.
282. TEES, Miriam H. Faculty involvement in the Special Libraries Association. *J. Educ. Lib. & Inf. Sci.* 29(4) 1989 297–304.

Students

283. BRENTA WHITE ASSOCIATES. Education and recruitment of junior professionals: a study in the library and information profession. London: British Library Research & Development Department, 1989 (British Library research paper 63). ISBN 0 7123 3202 2.
284. BRUYNS, R.A.C. Study motivation, work orientation and ‘personality structure’ of future librarians: a research among approximately 500 first-year library students from 8 European countries. The Hague: NBLC, 1989. ISBN 90 6252075 8.
285. HEIM, Kathleen M. Organizational entry: human resources selection and adaptation in response to a complex labour pool. *Library Trends* 38(1) 1989 21–31.
286. KRAMER, Mechthild, RICHTER, Christine and ROSENFELD, Petra. Achte Bundeskonferenz studentischer Vertreterinnen bibliothekarischer Ausbildungsstätten. *Bibliotheksdienst* 23(7) 1989 822–823 and *Buch und Bibliothek* 41(8) 1989 620–621.
287. LOWE, Michael A. Professional association membership: a contribution to market research. *Lib. Ass. Rec.* 91(10) 1989 591, 593.

288. PREVOT, Martine and SOENEN, Hélène. Les candidats aux métiers de l'information documentation en France. *Documentaliste* 26(2) 1989 89–93.
289. SCHMIDT, Karen. Each one, reach one: recruiting for the profession. *LITA Newsletter* 10(3) 1989 10–11.
290. SUTHERLAND, Casey. Library school: a change in attitude, mind and clothes. *LITA Newsletter* 10(1) 1989 27–28.

Library and information schools and departments—individual schools

291. College of Librarianship Wales merges with UCW, Aberystwyth. *Lib. Ass. Rec.* 91(3) 1989 124.
292. CRONIN, Blaise. University of Strathclyde, Glasgow, UK. *Education for Information* 7(2) 1989 157–159.
293. GLUTZ-RUEDIN, Brigitte. Nouveaux besoins: nouvelle formation. *L'Ecole de bibliothécaires de Genève restructure son curriculum*. *Arbido R* 4(1) 1989 5–9.
294. HACKER, Rupert. Bayerische Beamtenfachhochschule, Fachbereich, Archiv- und Bibliothekswesen: Jahresbericht 1988. *Bibliotheksforum Bayern* 17(1) 1989 92–93.
295. Hovedroppgaver ved Statens bibliotekhøgskole 1988. *Synopsis* 20(3) 1989 147–149.
296. IVEY, Dorothy L. School of Librarianship of the University of Cape Town, 1939 to 1988: an overview. *S. Afr. J. Lib. & Inf. Sci.* 57(3) 1989 284–296.
297. KEMP, D.A. Newcastle upon Tyne Polytechnic: end exercises. *Education for Information* 7(2) 1989 159–161.
298. KRESAKOVA, Jana. Súpis diplomových prác obhájených na katedre knihovedy a vedeckych informacii FF UK v skolskom roku 1986/87. In *Kniznicny zbornik* 1989. Bratislave: Matica Slovenska, 1989. ISBN 90 090 003 2. pp. 161–173.
299. Librarianship out, information studies in at Chicago's Graduate Library School. *American Libraries* 20(3) 1989 182.
300. ROBERTS, D. Hywel E. Department of Information and Library Studies, University College of Wales. *Education for Information* 7(3) 1989 281–283.
301. ROBERTS, D. Hywel E. The University College of Wales Department of Library and Information Studies. *Foc. Int. & Comp. Lib.* 20(2) 1989 22–24.
302. RUNGKAT, Thelma. The Department of Librarianship at Ballarat College of Advanced Education: its role and activities 1974–1988. *Educ. Lib. Aust.* 6(1) 1989 25–33.

303. SAUNDERS, W.L. The University of Sheffield Department of Information Studies, 1964–1989. *J. Inf. Sci.* 15(4/5) 1989 193–202.
304. SHRIGLEY, Roger. CLW Reunion 20 years on. *New Library World* 90(1063) 1989 10.
305. Some thoughts on the death (not with a bang but a whimper) of a prestigious library school. *Library Monitor No. 6* 1989 3–4.
306. TABOR, Anna. 30-lecie warszawskiego studium informacji. *Akt. Prob. Inf. Dok.* 34(3) 1989 3–6.
307. WENDT, Harald. Bayerische Bibliotheksschule: Jahresbericht 1988. *Bibliotheksforum Bayern* 17(1) 1989 89–92.

PROFESSIONAL QUALIFICATIONS

308. BADDOCK, Colin. P.D.R. blues: beating the professional development report bugbear. Chelmsford: Colin Baddock Training Consultancy, 1989. ISBN 0 95151970 0.
309. COOKE, Rachel, GILLESPIE, Iain and HARTLEY, Barbara. Training for library association chartering in health care libraries. Part III: exercises for pre-registration trainees. *Health Libraries Review* 6(1) 1989 25–28.
310. DAVIES, Mary and SHEPHERD, Louise. Pre-registration in health care libraries. Meeting report Medical Health & Welfare Libraries Group and NHS Regional Librarians Group, 11 November 1988, LA, London. *Health Libraries Review* 6(2) 1989 93–95.
311. FISHER, David. How to survive the Professional Development Report. *Lib. Ass. Rec.* 91(3) 1989 162, 164.
312. GLENN, Pat. School media personnel requirements for certification. *Illinois Libraries* 71(5–6) 1989 248–250.
313. KOVALEVA, K.A. Attestatsiya -odin iz sposobov povysheniya kvalifikatsii bibliotekarej. *Nauch. Tek. Bib. SSSR* No. 2 1989 38–39.
314. Training for Library Association chartering in health care libraries IV. Notes for trainers and trainees. *Health Libraries Review* 6(3) 1989 170–174.
315. Training for Library Association chartering in health care libraries IV. Notes for trainers & trainees continued. *Health Libraries Review* 6(3) 1989 216–219.

CAREER DEVELOPMENT

316. BISCHOFF-KÜMMEL, Gudren and FELLER, Antje. ‘Bibliothekararbeit ist ja eine unendliche Arbeit.’ Berufsverläufe von Bibliothekarinnen. *Buch und Bibliothek* Teil 1 41(4) 1989 322–329, Teil 2 41(5) 1989 436–445, Teil 3 41(8) 1989 666–678.

317. BURKE, Liz. Career paths of information professionals in academic libraries. *Aust. Coll. Lib.* 7(3) 1989 93–101.
318. Career planning: are you preparing for the future? *Business Library Management* 2(7) 1989 3–24.
319. CRETHER, Sheila D. Alternative credentials for the academic administrator—a personal essay. *Lib. Admin. & Man.* 3(3) 1989 115–118.
320. GREINER, Joy. Career growth and the public librarian. *Public Libraries* 28(1) 1989 7–15.
321. HANSON, Terry. The mechanics of international job exchanges with some observations on one such. *Lib. Ass. Rec.* 91(4) 1989 216–217, 219–220.
322. HARRIS, Roma M. and TAGUE, Jean M. Reaching the top in Canadian librarianship: a biographical study of sex differences in career development. *Library Quarterly* 59(2) 1989 116–130.
323. KEANE, Nancy, J. Library exchanges in the UK. *Int. Lib. Rev.* 21(3) 1989 441–442.
324. MCCHESNEY, David L. Trading places: planning an international job exchange. *Coll. & Res. Lib. News* 50(10) 1989 919–920, 922.
325. MORRIS, Beryl. Careering ahead: a brief introduction to career development. *Inf. & Lib. Man.* 8(4) 1989 5–7.
326. MORRIS, Beryl. Making it happen. *Library Work No.* 3 1989 21–22.
327. PARRETT, Andy. Do you fancy a year in America on a job exchange? *COFHE Bulletin No.* 57 1989 18–21.
328. SANDER, Hannie. Voorbeelde van nie-tradisionele werkspatrone in die biblioteek- en inligtingswese vryskutwerk en konsultasie. *S. Afr. J. Lib. & Inf. Sci.* 57(3) 1989 322–327.
329. TILLEY, Christine M. Achievement motivation. *Int. Lib. Rev.* 31(3) 1989 279–287.
330. WILDING, Thomas L. Career and staff development: a convergence. *Coll. & Res. Lib. News* 50(10) 1989 899–902.
331. WISE, Michael. LIBEX (Bureau for International Staff Exchange) Report 1988. *Foc. Int. & Comp. Lib.* 20(1) 1989 5.

CONTINUING EDUCATION

332. AINA, L.O. Continuing education programmes and the role of library schools in English-speaking Africa. *Training & Education* 6(2) 1989 43–51.

333. CHOBOT, Mary C. Improving the quality of continuing education. IFLA Journal 15(3) 1989 210–217 and J. Educ. Lib. & Inf. Sci. 30(1) 1989 61–67.
334. Continuing Library Education Network & Exchange Round Table, ALA. Noteworthy continuing library education in 1988: a source list of topics and providers. CLENERT, 1989.
335. HOGH, Horst. Internationales Seminar zur Problematik der Fortbildung der Bibliothek-mitarbeiter, Martin CSSR, Oktober 1988: ein Bericht. In Procs. 55th IFLA General Conference, Paris, 1989 (Paper 3-RTCPE-1-G).
336. IFLA Continuing Professional Education Round Table. Annual Report 1987/1988. In IFLA Annual 1988, Procs. 54th General Conference, Sydney, 1988. Munich, London: Saur, 1989. ISBN 3 598 206690. pp. 155–158.
337. KAEGBEIN, Paul. New directions in continuing education for librarians. Report on a conference, Martin, Czechoslovakia, 10–14 October 1988. Education for Information 7(2) 1989 149–156.
338. LÄNSIKALLIO, Kirsti. Korkeakoulujen kirjastonhoitajien ja informatikkojen kokemat täydennyskoulutuksen vaikutukset. Kirjastotiede ja Informatiikka 8(4) 1989 107–114.
339. McCROSSAN, John A. Library administrators' attitudes towards continuing professional education activities. In G. McCabe and B. Kriessman, eds. Advances in library administration and organization, Vol. 8. Greenwich, CT: JAI Press, 1989. ISBN 0 89232 967 X. pp. 201–213.
340. MÄKINEN, Riitta. Continuing education for knowledge and courage. Scand. Pub. Lib. Q. 22(4) 1989 14–19.
341. POCHEPTSOVA, D.V. Osnovnye vidy nepreryvnogo professional'nogo obucheniya v sisteme povysheniya kvalifikatsii bibliotechnykh kadrov v SSLA. Kiev: Kiev gos. in-t kul'tury, 1989.
342. ROBERTS, Norman and KONN, Tania. Continuing education and training for academic library staff. Journal of Librarianship 21(2) 1989 109–128.
343. SCHEELE, Jurgen. Fortbildungskommission des Deutschen Bibliotheksinstituts (Tätigkeitsberichte 1988 der Kommissionen des Deutsches Bibliotheksinstituts 2). Bibliotheksdienst 23(5) 1989 547–549.
344. SNYDER, Sherrie E. Continuing Library Education Network and Exchange Round Table. In ALA yearbook of library and information services, Vol. 14. Chicago: ALA, 1989. ISBN 0 8389 0514 4. pp. 100–101.
345. STONE, Elizabeth W. Personnel and employment: continuing education and staff development. In ALA yearbook of library and information services, Vol. 19. Chicago: ALA, 1989. ISBN 0 8389 0514 5. pp. 181–183.
346. TERBLANCHE, Fransie. Betrokkenheid van biblioteek- en inligting-werkers by voortgesette opleiding. S. Afr. J. Lib. & Inf. Sci. 57(1) 1989 69–75.

347. WASHINGTON, Nancy. Focus on academic librarians: job satisfaction and continuing education needs. *Southeastern Librarian* 39(3) 1989 103–105.
348. WEINGAND, Darlene E. Wisconsin continuing education profile: a Delphi projection of needs 1986. *J. Educ. Lib. & Inf. Sci.* 30(1) 1989 39–50.

TRAINING

General

349. ADAMS, Mignon *et al.* Developing college library leaders of tomorrow. *Coll. & Res. Lib. News* 50(7) 1989 573–574.
350. BLOMBERG, Donna Pittman and CHAPMAN, Karen. Survey of travel support policies at ARL libraries. *J. Acad. Lib.* 15(2) 1989 90–93.
351. BURAKOWSKI, Jan. Dookota instruktazu. *Bibliotekarz* 56(4/5) 1989 3–7.
352. CHALUKOVA, D. Self improvement as the basic form of in-training. [In Serbo Croat]. *Bibliotekar* (Sofia) 36(3) 1989 18–19.
353. CROOK, Bob. Staff training and development for non-professionals. *COPOL Newsletter* No. 48 1989 26–27.
354. Growing your staff: how do you encourage your staff to develop? *Business Library Management* 3(1) 1989 3–19.
355. LIPOW, Anne Grodzins. Training for change: staff development in a new age. *J. Lib. Admin.* 10(4) 1989 87–97.
356. LIPOW, Anne Grodzins. Why training doesn't stick: who is to blame? *Library Trends* 38(1) 1989 62–72.
357. MACDOUGALL, Alan and PRYTHONCH, Ray. Cooperative training in libraries. Aldershot: Gower, 1989. ISBN 0 566057093.
358. MICHAILOVA, I. In-training courses for librarians—for or against. [In Serbo Croat]. *Bibliotekar* (Sofia) 36(6) 1989 5–8.
359. MILLUM, Christine. Training needs assessment in practice. *Lib. & Inf. Asst.* 1989 10–11.
360. MORRIS, Beryl. Training: sources and resources. *Inf. & Lib. Man.* 8(6) 1989 28–29.
361. PANTRY, Sheila. Training in governmental library and information services. *State Librarian* 37(2) 1989 25.
362. PEEL, Malcolm. Developing our staff. *Aslib Proceedings* 41(10) 1989 301–309.
363. Report of the [IIS] Working Party on Professional Development. *Inform No. 118* 1989 6.

364. RICHARD, Stephen. Training education programme: a case study. *Training & Education* 6(2) 1989 33–42.
365. ROCKMAN, Ilene F. Promoting professional development: a local approach. *Coll. & Res. Lib. News* 50(10) 1989 902–904.
366. SAW, Grace. Staff professional development in libraries: the organisation's role. *Aust. Coll. Lib.* 7(1) 1989 17–25.
367. SHAW, Suzanne J. Using microcomputers to train staff. *Computers in Libraries* 9(11) 1989 27–33.
368. STEENKAMP, Andre. Training in the Cape Provincial Library Service. *Cape Librarian* 33(3) 1989 2–4.
369. TAYLOR, Richard. New skills: new strategies. *Inf. & Lib. Man.* 8(6) 1989 30–33.
370. Training courses: are they value for money? *Business Library Management* 2(5) 1989 3–21.
371. VELICHKO, T.Sh. Povyshenie kvalifikatsii molodykh bibliotekarej—aktual'nyj aspekt metodiceskoj raboty. *Nauch. Tek. Bib. SSSR* No. 3 1989 20–21.
372. WILLIAMSON, Joan. On your own. *Library Work* No. 3 1989 15.

Specialised

373. AASE, Magnhild Boyum. *Biblioteksutvikling* 1988: rapport fra 4. samling—Sundvolden 21–24 1988. *Synopsis* 20(1) 1989 23–24.
374. ABN's Designated Training Agencies: the trainers are trained. *ABN News* No. 48 1989 1–2.
375. BAHR, Alice Harrison. Library security training: sources. *Library & Archival Security* 9(1) 1989 37–43.
376. CHADWICK, Sharon S. Training for online: electronic mail and reference librarians. In *Computers in Libraries, Procs. 4th Annual Conference, 1989*. Westport, CT: Meckler, 1989. ISBN 0 88736 397 0. pp. 20–22.
377. CRAGHILL, D., NEALE, C. and WILSON, T.D. The impact of IT on staff development in UK public libraries. London: British Library, 1989 (British Library research paper 69). ISBN 0 7123 3214 6.
378. DADA, T.O. Short course in law library services for Nigerian law libraries: a palliative for a raging national problem? *Int. J. Leg. Inf.* 17(1) 1989 32–42.
379. DAVIES, Zeb. Training for automation—a one-day course. *Man. Poly. Lib. J.* No. 6 February 1989 14–18.
380. FLINTHAM, Sue. One jump ahead: training school librarians in Suffolk. *School Librarian* 37(2) 1989 48.

381. FREEMAN, Gretchen and CLEMENT, Russell. Critical issues in library automation staff training. *Electronic Library* 7(2) 1989 76–82.
382. GIBBS, Sally. The librarian as counsellor: a model for staff development. *Training & Education* 6(3) 1989 62–66.
383. GLOGOFF, Stuart. Staff training in the automated library environment: a symposium. *Library Hi-Tech* 7(4) 1989 61–83.
384. GOODE, Joanne M. and VASS, Mary M. Training library staff for automation in a decentralized library system: the University of Kentucky experience. *Southeastern Librarian* 39(3) 1989 97–101.
385. GRIMSON, Craig. The internship as a professional development programme. *Staff Dev. Aust. Lib. No.* 7 1989 1–7.
386. GUY, Robin Frederick. Inhouse training for information technology. *Education for Information* 7(1) 1989 17–27.
387. HANNABUS, Stuart. Face to face: an appraisal simulation. *Training & Education* 6(3) 1989 57–61 and Appendices in *Personnel Training & Education Group Members Newsletter*, an insert in above.
388. HENDLEY, Margaret. Staff training in an automated environment: keeping the patron in mind. *Canadian Library Journal* 46(2) April 1989 101–103.
389. HERT, Carol Anne. Automation orientation program at the University of Delaware Library. *Coll. Res. Lib. News* 50(2) 1989 140–141.
390. KING, David. Management development through an action learning programme: the British Library Management Study Group. *State Librarian* 37(1) 1989 11–14.
391. KVADSHEIM, Jadwiga. *Bibliotekutvikling* 1989. Synopsis 20(3) 1989 127–131.
392. LEUTEMANN, Christian. Weiterbildungswoche für Leiter von Zentralbibliotheken des Bezirkes Dresden. *Bibliothekar* 43(2) 1989 74–76.
393. LEVY, Philippa. Interpersonal skills training for library and information work. *CRUS News No.* 33 1989 3–5.
394. LEVY, Philippa and USHERWOOD, Bob. Putting people first. *Lib. Ass. Rec.* 91(9) 1989 526, 529–530.
395. MACCOLL, John. Network training. *IT'S News No.* 20 1989 36–42.
396. MILLER, William. Developing managerial competence for library automation: a forum. *Library Hi-Tech* 7(2) 1989 103–112.
397. MOON, Brenda. Training for information and retrieval in an academic library. *Catalogue & Index Nos.* 92/93 1989 11–12.
398. PRIMACK, Alice L. and BATTISTE, Anita L. Training reference staff prior to consolidating science collections. *Coll. & Res. Lib. News* 50(6) 1989 473–474.

399. SLUTSKY, Bruce. A Chemical Abstracts training seminar for science librarians. *Sci. & Tech. Lib.* 10(1) 1989 55–76.
400. STEFFEY, Ramona J. Staff training for a multi-database system. *Coll. & Res. Lib. News* 50(10) 1989 917–919.
401. TOWNLEY, Charles T. Nurturing library effectiveness: leadership for personnel development. *Lib. Admin. & Man.* 3(1) 1989 16–20.
402. VERKHOZINA, A.G. Rabota s kadrami v bibliotekakh vuzov i zadachi po ee sovershenstvovaniyu. *Nauch. Tek. Bib. SSSR* No. 4 1989 23–24.
403. WIJASURIYA, D.E.K. Training in interlending. In *Procs. 55th IFLA General Conference, Paris, 1989* (Paper 84-PRESESSION-1-E).
404. WOODWARD, Beth S. A selective guide to training literature for the reference librarian/trainer. *Reference Services Review* 17(2) 1989 41–51.

ROLE OF ASSOCIATIONS AND SOCIETIES IN LIBRARY EDUCATION

405. ESTABROOK, Leigh. Association for Library and Information Science Education. In *ALA yearbook of library and information services*, Vol. 14. Chicago: ALA, 1989. ISBN 0 8389 0514 5. pp. 49–50.
406. KATZER, Jeffrey. ALA and the status of research in library/information science. *Lib. & Inf. Sci. Res.* 11(2) 1989 83–87.
407. MARSHALL, Joanne G. CHLA and education: what lies ahead? *Bib. Med. Can.* 10(3) 1989 109–110.
408. MILLER, Marilyn L. ALA, NCATE and the preparation of school library media specialists. *Lib. Admin. & Man.* 3(3) 1989 131–134.
409. MILLER, Marilyn L. New partnerships for school library media education: ALA/AASL and NCATE. *Illinois Libraries* 71(5–6) 1989 259–263.
410. POCHEPTSOVA, D.V. Rol' professional'nykh assotsiatsij i organizatsij, uchben-zykh zavedenij v sisteme povysheniya kvalifikatsii bibliotechnykh kadrov SSLA. Kiev: Kiev gos. in-t kul'tury, 1989.

EDUCATION AND TRAINING FOR RELATED OCCUPATIONS

411. AVISON, David E. Action learning for information systems teaching. *Int. J. Inf. Man.* 9(1) 1989 41–50.
412. BRITAIN, J. Michael. The information revolution: an urgent need for a national training strategy—the experience of the NHS. *Int. J. Inf. Man.* 9(3) 1989 173–177.

413. Centre des Arts du Livre: une nouvelle jeunesse pour l'UCAD. *Arts et Métiers du Livre* No. 155 1989 49–52.
414. CRISP, Paul. Staff development and training for management information systems. *Coombe Lodge Report* 21(4) 1989 269–283.
415. DELMAS-BARTOLI, Marie Claude. La licence des techniques d'archives et de documentation de l'Université Jean-Moulin de Lyon. *Gazette des Archives* No. 144 1989 69–77.
416. GNODDE, Menno. Overheidscommunicatie: een nieuwe studievariant van de BDI-Groningen. *Open* 21(3) 1989 80–83.
417. GURNSEY, John and WHITE, Martin. Information consultancy. London: Bingley, 1989 (Looking forward in librarianship). ISBN 0 85157 426 2.
418. MAUX, R. On medical informatics. *Meth. Inf. Med.* 28(2) 1989 66–68.
419. MÖHR, J.R., PROTTI, D.J. and SALAMON, R. Medical informatics and education. *Meth. Inf. Med.* 28(4) 1989 (whole issue).
420. MÖHR, J.R. Teaching medical informatics: teaching on the seams of disciplines, cultures, traditions. *Meth. Inf. Med.* 28(4) 1989 273–280.
421. OETTING, Edward C. Who are these people and why can't we call them librarians? *Lib. Admin. & Man.* 3(3) 1989 135–138.
422. POWELL, Ivor P. Change and enlightenment: training and education for publishers. *British Book News* November 1989 776–777, 779.
423. WARNER, Alice Sizer. Information brokering: the state of the art. *Wilson Library Bulletin* 63(8) 1989 55–57.
424. WEBB, Sylvia P. The information manager—a new breed? *Aslib Information* 17(2) 1989 45–46.
425. WHITE, Jim. To be or not to be an information manager—could it be the challenge for librarians? *Educ. Lib. Aust.* 6(1) 1989 20–24.

EMPLOYMENT MARKETPLACE

426. 1989, where are the 'Information Professionals'? *Monitor* No. 95 January 1989 1–4.
427. BISCHOFF-KÜMMEL, Gudrun and FELLER, Antje. Berufseinsteig und Berufsverläufe von Bibliothekarinnen—Untersuchung der Absolventinnen des Fachbereichs Bibliothekswesen, Fachhochschule Hamburg. *Bibliotheksdiät* 23(4) 1989 369–380.
428. BURRINGTON, Gillian A. Libraries, employment and equal opportunities. *New Library World* 90(1073) 1989 205–208.

429. COTE, Camille. The library job market as seen from Quebec. *Canadian Library Journal* 46(3) 1989 165–168.
430. DUFFY, Jack, RAYMOND, Boris and APOSTLE, Richard. Libraries, information and the 'non-traditional' job market. *Can. J. Inf. Sci.* 14(1) 1989 12–26.
431. EVANS, Jennifer. A note on the employment of new librarians in Melbourne in 1989. *Australian Library Journal* 38(4) 1989 366–369.
432. MOORE, Nick. Developing the use of a neglected resource: the growth of information management. *J. Inf. Sci.* 15(2) 1989 67–70.
433. ROWLEY, Jennifer. Manpower guessing. *Lib. Ass. Rec.* 91(3) 1989 157–158, 161.
434. RUSE, David. Equal opportunities 1988. *Lib. Ass. Rec.* 91(1) 1989 33–34.
435. SCRIVENS, Ellie. Does the National Health Service need information scientists? In J.M. Brittain, ed. *Curriculum development in information science*. London: British Library Research & Development Department, 1989. ISBN 0 7123 3170 0. pp. 53–63.
436. STUART-STUBBS, Basil. The library job market as seen from the West. *Canadian Library Journal* 46(3) 1989 155–160.
437. TURNER, Christopher. Demographic change and the information profession. *Bookseller* 31 March 1989 1163–1164, 1166.
438. WALTON, Kathryn P. and MORRIS, Anne. Manpower requirements and availability in the expert systems field. London: British Library Research and Development Department, 1988 (British Library research paper 65). ISBN 0 7123 3205 7.
439. WEAVER, Maggie. Library technicians and information go hand in hand. *Canadian Library Journal* 46(3) 1989 149–150.
440. WENBORN, Neil. *Careers in librarianship and information science*, 3rd ed. London: Kogan Page, 1989 (Careers in series). ISBN 1 85091 912 7.

NAME INDEX

- Aase, M.B., 373
AASL, *see* American Association of School Librarians
ABN, *see* Australian Bibliographic Network
ACRL, *see* Association of College and Research Libraries
Adam, R., 009
Adams, M., 349
Agumanu, J.N., 174, 175
Aina, L.O., 204, 332
ALA, *see* American Library Association
Alafiatayo, B.O., 271
Albaric, M., 026
ALISE, *see* Association for Library and Information Science Education
American Association of School Librarians, 409
American Library Association, 135, 138, 156–159, 226, 333, 334, 406, 408
American Library Association, Committee on Accreditation, 157
American Library Association, Committee on Library Training, 138
American Society for Information Science, 040
Amucheazi, O.N., 116
Anderson, R.K., 214
Apostole, R., 430
Artemjeva, E.B., 142
Association for Library and Information Science Education, 139, 405
Association of College and Research Libraries, 200
Aston University, Department of Computer Studies, 411
Australian Bibliographic Network, 374
Avison, D.E., 411
Baddock, C., 308
Bahr, A.H., 375
Ballarat College of Advanced Education, Department of Librarianship, 302
Balslev, J., 010
Barclay, J., 011
Barrulas, M.J., 123
Bartoli, M.C. Delmas-, *see* Delmas-Bartoli, M.C.
Battiste, A.L., 398
Bayerische Beamtenfachhochschule, 294
Bayerische Bibliotheksschule, 307
BDI-Groningen, 416
Beales, K., 176
Beard, A.J., 272
Beattie, K., 188, 189
Bell, S.J., 228
Benediktsson, D., 012
BIALL, *see* British and Irish Association of Law Librarians
Birmingham Polytechnic, Faculty of Computing and Information Studies, 168
Bischoff-Kümmel, G., 316, 427
Bishop, A., 021
Blackie, E., 182
Blomberg, D.P., 350
Boaz, M., 277
Boeckx, T., 066, 067
Boerma, E.J., 267
Botha, W.M., 007
Bottle, R.T., 013
Boumarafi, B.B., 063
Bourne, R., 231
Bowman, R.J., 171
Brace, W., 229
Brenda White Associates, 283
Brenzikofer, T., 128
British and Irish Association of Law Librarians, 213
British Council, 052
British Library, Management Study Group, 390
British Library, Research and Development Department, 030
Brittain, J.M., 028, 160, 161, 201, 225, 263, 412, 435
Broadbent, M., 027
Brookes, B.C., 162
Brunt, R., 231–233, 236, 239, 240, 397
Bruyns, R.A.C., 284
Buchan, P.C., 256
Budd, R.W., 278
Bujumbura Higher School of Commerce, Section of Librarianship, 071
Burakowski, J., 351
Burke, L., 317
Burrington, G., 428

- Butcher, H., 207
 Buttlar, L., 163
 Buxton, A., 247
 Canadian Health Libraries Association, 407
 Caprioni, A.M., 103
 Cargill, J., 273
 Caridad, M., 124, *see also* Sebastian, M.C.
 Cave, R., 274
 Cawkell, A.E., 028
 Cejpek, J., 078
 Centre des Arts du Livre, 413
Certificat de Spécialisation en Information Documentaire, 293
 CESID, *see* Certificat de Spécialisation en Information Documentaire
 Chadwick, S.S., 376
 Chalukova, D., 352
 Chan, S., 262
 Chapman, K., 350
 Charlton, M., 218
Chemical Abstracts, 399
 Chernets, V.I., 143
 CHLA, *see* Canadian Health Libraries Association
 Chobot, M.C., 333
 Christiansen, B., 217
 City University, Department of Information Science, 230
 Clark, A.J., 001
 Clark, J.M., 255
 Clement, J.B., 014
 Clement, R., 381
 Clements, D.W.G., 248
 CLENE, *see* Continuing Library Education Network and Exchange
 Cloonan, M.V., 211
 Coleman, J.G. Jr., 275
 College of Librarianship Wales, *see* University College of Wales Aberystwyth, Department of Information and Library Studies
 College of Scientific Information and Library Studies, Berlin, 060
 Collier, M., 201
 Comenius University (Bratislava), Department of Library and Information Science, 298
 Continuing Library Education Network and Exchange Round Table, 334, 344
 Conway, P., 249
 Cooke, R., 309
 Cooper, M., 279
 Correa, A.F., 025
 Correia, A.M.R., 123
 Coté, C., 429
 Cotton, R., 015, 029, 030
 Cowburn, I., 088
 Craghill, D., 377
 Creth, S.D., 319
 Crisp, P., 414
 Cronin, B., 280, 292
 Crook, B., 353
 Cross, B.M., 224
 Dada, T.O., 378
 Daniel, J.O., 242
 Da Soledade Vieira, A., *see* Vieira, A. da S.,
 Davenport, L., 280
 Davies, J.E., 031
 Davies, M., 310
 Davies, Z., 379
 DBI, *see* Deutsches Bibliotheksinstitut
 Delmas-Bartoli, M.C., 415
 Deutsches Bibliotheksinstitut, Fortbildungskommission, 343
 Di Domenico, G., *see* Domenico, G. di
 Di Guardo, A., 104
 Domenico, G. di, 105
 Dorsey, S.D., 243
 Drexel University, College of Information Studies, 252
 Duffy, J., 430
 Du Mont, R.R., 016, 163
 Dumortier, J., 032
 Dyer, H., 244
 Earl, C., 233
 East African School of Librarianship, 081
 Ecole de bibliothécaires de Genève, 293
 Ecole de l'Union Centre des Arts Decoratifs, 413
 Estabrook, L., 133, 405
 Estermann-Wiscott, Y., 167
 European Commission, Plan of Action for Libraries, 023
 Evans, Jennifer, 431
 Evans, John, 083, 120, 121
 Fachhochschule für Bibliotheks- und Dokumentationswesen, Köln, 281
 Fachhochschule Hamburg, 427
 Fang, J.R., 034
 Feather, J., 250
 Feller, A., 316, 427
 FID, Education and Training Committee, 035
 Fink, D., 017
 Finke, W.F., 254
 Finlands Biblioteksforening, 177
 Fischer, E., 034
 Fisher, D., 311
 Fleischer, P., 089
 Flinspach, K., Holste-, *see* Holste-Flinspach, K.
 Flintham, S., 380
 Foskett, A.C., 036

- Fourie, I., 245, 246
Freeman, G., 381
Freytag, J., 134
Galiullina, G.S., 144
Gash, S., 162
General Programme for Training in Agricultural Information, 205
Gent, J.J.M. van, *see* Van Gent, J.J.M.
Gibbs, S., 382
Gillespie, I., 309
Ginman, M., 008
Glasgow University Library, 364
Glebova, S.P., 145
Glenn, P., 312
Glogoff, S., 383
Glutz-Ruedin, B., 293
Gnodde, M., 416
Gödert, W., 037
Goode, J.M., 384
Grachyev, V.I., 147
Greiner, J., 320
Grimson, C., 385
Guardo, A. di, *see* Di Guardo, A.
Gudauskas, R., 146
Gurnsey, J., 417
Guy, R.F., 386
Haag, D.E., 018
Hacker, R., 294
Hannabuss, S., 190, 387
Hannesdottir, S.K., 097, 098
Hanson, T., 321
Harleman, F., 038
Harris, R.M., 322
Harrison, A., 202
Hartley, B., 309
Harvey, J.F., 102
Haux, R., 418
Havener, W.M., 268
Haythornthwaite, J., 130, 183, 184
Haywood, T., 168
Hazelton, P.A., 212
Heim, K.M., 166, 285
Henderson, D., 269
Hendley, M., 388
Hendriksen, T., 119
Hernon, P., 019
Hert, C.A., 389
Heyser, R.G., 039
Heyser, T., 039
Hill, J.S., 234, 235
Hoare, P., 026
Hogh, H., 335
Holste-Flinspach, K., 178, 179
Houten, S. van, *see* Van Houten, S.
Hu, C., 260
Humboldt State University, 376
Hurd, J., 040
Hurt, C.D., 019
IATLIS, *see* Indian Association of Teachers of Library Science
IFLA, Continuing Professional Education Round Table, 336
IFLA, Education and Training Section, 041
IFLA, 54th General Conference, Sydney, 1988, 041, 042
IFLA, 55th General Conference, Paris, 1989, 025, 027, 046, 264, 335, 336, 403
Indian Association of Teachers of Library Science, National Seminar on Education for Academic Librarianship, 1988, 203
INFOS 89, 079
Institute of Information Scientists, Working Party on Professional Development, 363
Institute of Scientific and Technical Information of China, 074
International Colloquium on the Harmonization of Education and Training Programmes for Library, Information and Archive Personnel, 043
Intner, S.S., 235
ISTIC, *see* Institute of Scientific and Technical Information of China
Ivanova, G.A., 148
Ivey, D.L., 296
Jackson, M.M., 042
James, S., 208
JANET, *see* Joint Academic Network
Jeffries, J., 213
Johnson, I., 043, 131
Joint Academic Network, 395
Kaegbein, P., 337
Karov, Kh., 070, 149
Katz, J., 157, 406
Kaufmann, S., 279
Keane, N.J., 323
Kemp, D.A., 297
Kemp, I., 044, 045
Kemparaju, T.D., 099
King, D., 390
Kinnell, M., 265, 266
Kirkham, S., 168, 236
Knox, J., 064
Koenig, M.E.D., 169, 229
Konn, T., 342
Kovacs, B., 237
Kovaleva, K.A., 313
Kramer, M., 286
Kresakova, J., 298

- Kriessman, B., 339
 Kruger, J.A., 020
 Kumar, S., 203
 Kümmel, G. Bischoff-, *see* Bischoff-Kümmel, G.
 Kvadsheim, J., 391
 Laaksovirta, T.H., 084
 Lankage, J., 126
 Lansikallio, K., 338
 Laqueur, M., 111
 Lau, J., 046
 Law, D., 047
 Learmont, C.L., 003
 Lee, D.M., 225
 Lester, J., 156
 Leutemann, C., 392
 Levy, P., 393, 394
 Lewins, H. Pain-, *see* Pain-Lewins, H.
 Lewis, D.A., 048
 Li, Tao, *see* Tao Li
 Li Weiming, 073
 LIBEX, 321, 324, 331
 Library Association, 132
 Library Association, Cataloguing and Indexing Group, Annual Residential Seminar, Durham, 1988, 047
 Library Association, Information Technology Group, North West Circle, 379
 Line, M.B., 049, 050
 Lipow, A.G., 355, 356
 Lloyd, I., 185
 Lönnquist, H., 051
 Lowe, M.A., 209, 287
 Lusher, A., 250
 Lynch, M.J., 135
 MacColl, J., 395
 MacDougall, A., 357
 Macquarie University, Library, 385
 Maiduguri Library School, 194
 Mäkinen, R., 340
 Manecke, H.-J., 090
 Marchionini, G., 192
 Marloth, H., 093, 281
 Marshall, J.G., 215, 407
 Martin, G., 193, 247
 Martin, W.J., 048
 Mathews, A.J., 022
 Maruniak, P., 079
 McCabe, G., 339
 McChesney, D.L., 324
 McClure, C.P., 021
 McCrossan, J.A., 152, 339
 McCullough, S., 186
 McGarry, K., 191
 Mchvelidze, A.I., 149
 McIntosh, L.D., 227
 McKay, E., 072
 McKenna, S., 180
 MEDLINE, 256
 MEDTUTOR, 256
 Mellott, C.M., 226
 Menou, M.J., 205
 Merkulov, G.G., 164
 Michailova, I., 358
 Milevich, T.P., 150
 Miller, M.L., 408, 409
 Miller, W., 396
 Millum, C., 359
 Möhr, J.R., 419, 420
 Mont, R.R. du, *see* Du Mont, R.R.
 Moon, B., 397
 Moon, C., 094
 Moore, N., 432
 Morris, A., 253, 438
 Morris, B., 325, 326, 360
 Moscow State Institute of Culture, Library Department, 148
 Myers, M., 006
 Myllylä, R., 085, 172
 Napier Polytechnic of Edinburgh, 180
 Nassimbeni, M., 276
 National Council for Vocational Qualifications, 132
 National Council on the Accreditation of Teacher Education, 408, 409
 National Health Service, Regional Librarians Group and University Medical School Librarians Group Joint Training Committee, 309, 310
 National Health Service, Training Authority, 412
 National Library of Scotland, 386
 Nauta, P., 034
 NCATE, *see* National Council on the Accreditation of Teacher Education
 NCVQ, *see* National Council for Vocational Qualifications
 Neale, C., 377
 Nettlefold, B.A., 173
 Neut, H.H. van der, *see* Van der Neut, H.H.
 Newa, J.M., 129
 Newcastle Polytechnic, Department of Librarianship and Information Studies, 182, 297
 NHS, Regional Librarians Group, *see* National Health Service, Regional Librarians Group
 NHS, Training Authority, *see* National Health Service, Training Authority
 Niang, T., 205
 Nohr, H., 037
 Norcott, P.C., 211

- Nweke, K.M.C., 194
 Oberg, D., 220
 Obokoh, N.P., 117
 Oetting, E.C., 421
 Okko, M., 086, 087
 Olden, A., 074
 Olsgaard, J.N., 219
 O'Neill, M., 253
 Orden, P.J. van *see* Van Orden, P.J.
 Ormerod, P., 263
 Otike, J.N., 081, 107, 108
 Paim, I., 058
 Pain-Lewins, H., 210
 Pankhurst, R., 082
 Pantry, S., 361
 Pao, M.L., 154
 Parker, J.S., 052
 Parrett, A., 327
 Peel, M., 362
 Pelug, G., 053
 Peñas, P.P., 125, *see also* Portela, P.
 Perkins, M.L., 256, 257
 Perry, B., 023
 Peters, S.H., 238
 Pitch, R., 136
 Población, D.A., 068
 Pocheptsova, D.V., 137, 341, 410
 Polytechnic of North London, School of Librarianship and Information Studies, 272
 Pors, N.O., 080
 Portela, P., 124, *see also* Peñas, P.P.
 Powell, A.P., 262
 Powell, I.P., 422
 Prevot, M., 288
 Primack, A.L., 398
 PROCEFIA, *see* General Programme for Training in Agricultural Information
 Project Jupiter, 395
 Pronk, C.P., 113
 Protti, D.J., 419
 Provolotskaya, N.F., 142
 Prytherch, R., 357
 Pyle, J., 265
 Raymond, B., 430
 Rayward, W.B., 065
 Reardon, D., 162
 Reinhold, D., 093
 Rennie, J., 230
 Richard, S., 364
 Richardson, J. Jr., 224
 Richter, C., 286
 Robbins, J., 270
 Robbins, M.E., 138
 Roberts, D.H.E., 300, 301
 Roberts, N., 258, 342
 Rochester, M., 095
 Rockman, I.E., 365
 Rogers, E., 195
 Rosary College, Graduate School of Library and Information Science, 169, 229
 Rosenfeld, P., 286
 Rowley, J., 433
 Royal, S.W., 221
 Rudecka, B., 122
 Rudich, L.I., 147
 Ruedin, B. Glutz-, *see* Glutz-Ruedin, B.
 Rugaas, B., 118
 Rungkat, T., 302
 Ruse, D., 434
 Salamon, R., 419
 Sander, H., 328
 Satija, M.P., 100
 Saunders, W.L., 054, 303
 Savard, R., 264
 Saw, G., 366
 Scarrott, M., 181
 Scheele, J., 343
 Schmidt, K., 289
 Schmidt, R., 093
 Schwartz, C., 196
 Scrivens, E., 435
 Seavey, C.A., 138
 Sebastian, M.C., 125, *see also* Caridad, M.
 Selden, L., 127
 Seliverstova, E.T., 165
 Serrai, A., 106
 Shaw, S.E., 367
 Shehurin, D.E., 151
 Shepherd, L., 310
 Shinebourne, J., 055
 Shrigley, R., 304
 Siek, E., 091
 Silverman, S., 255
 Simon, H.-R., 075
 Sineath, T.W., 139
 Sknar, V.K., 143
 Slutsky, B., 399
 Smirnov, E.M., 187
 Smith, P., 222
 Snyder, S.E., 344
 Soenen, H., 288
 Sokur, G.A., 187
 Soledade Vieira, A. da, *see* Vieira, A. da S.
 Solimine, G., 216
 South Australian Institute of Technology Centenary Seminar, 036
 Spann, M.L., 256, 257
 Special Libraries Association, 282

- Starre, J. van der, *see* Van der Starre, J.
- Steenkamp, A., 368
- Steffey, R.J., 400
- Stone, E.W., 345
- Stuart-Stubbs, B., 436
- Stubbs, B. Stuart-, *see* Stuart-Stubbs, B.
- Stueart, R.D., 261
- Stussy, S.A., 170
- Sutherland, C., 290
- Sweeney, R., 239
- Symposium on Library Education in Canada, 2nd, London, Ontario, 1988, 072
- Tabor, A., 306
- Tagliabue, M., 153
- Tague, J.M., 322
- Tao Li, 076
- Taylor, R., 369
- Tees, M.H., 282
- Tehnzen, J., 096
- Telford College, Edinburgh, 186
- Tell, B.V., 056
- Tenopir, C., 259
- Terblanche, F., 346
- Tereshin, V.I., 148
- Tikku, U.K., 101
- Tilley, C.M., 329
- Tilstra, A., 112
- Torok, A.G., 057
- Torok, S., 057
- Totten, H.L., 158, 159
- Townley, C.T., 401
- TOXLEARN, 257
- TOXLINE, 257
- Turner, C., 437
- Twomey, J.E., 251
- United States, Department of Education, 022
- Université Jean-Moulin de Lyon, 415
- University College of Wales, Aberystwyth, Department of Information and Library Studies, 185, 222, 287, 291, 300, 301, 304, 321, 324, 331
- University College London, School of Library, Archive and Information Studies, 193, 247
- University of California (Los Angeles), School of Library and Information Science, 269
- University of Cape Town, School of Librarianship, 296
- University of Chicago, Graduate Library School, 299, 305
- University of Constance, Information Science Department, 254
- University of Delaware, Library, 389
- University of Florida, Libraries, 398
- University of Geneva, 167
- University of Iceland, 098
- University of Kentucky, 384
- University of Michigan, School of Information and Library Studies, 154
- University of Nigeria, Nsukka, Department of Library Science, 116
- University of Oklahoma (Norman), School of Library and Information Studies, 268
- University of Papua New Guinea, 121
- University of Port Harcourt, Institute of Education, 117
- University of Sheffield, Department of Information Studies, 061, 198, 303
- University of Strathclyde, Department of Information Science, 292
- University of Tampere, 086
- University of Wisconsin (Madison), School of Library and Information Studies, 270
- Usherwood, B., 394
- Vakkari, P., 024
- Van der Neut, H.H., 113
- Van der Starre, J., 111
- Van Gent, J.J.M., 113
- Van Houten, S., 003
- Van Orden, P.J., 140
- Vass, M.M., 384
- Velichko, T.S., 371
- Verkhozina, A.G., 402
- Victoria University, Department of Librarianship, 274
- Vieira, A. da S., 058
- Vilnius University, 146
- Walczak, M., 197
- Wallace, D.P., 166
- Walton, K.P., 438
- Warner, A.S., 423
- Warner, R.M., 154
- Warsaw College of Information Science, 306
- Washington, N., 347
- Watters, C., 059
- Weaver, M., 439
- Webb, S.P., 023, 424
- Weiming Li, *see* Li Weiming
- Weingand, D.E., 266, 348
- Wenborn, N., 440
- Wendt, H., 307
- Werner, R., 092
- Wessels, E., 114
- Westin, B., 241
- White, F.C.P., 183, 184
- White, J., 425
- White, M., 417
- Wiegand, W.A., 141
- Wijasuriya, D.E.K., 403

- Wilding, T.L., 330
Wille, M., 060
Willett, P., 198
Williams, M., 260
Williamson, J., 372
Wilson, T.D., 061, 123, 377
Wintersgill, D., 240
Wisconsin University (Milwaukee), 251
Wiscott, Y. Estermann-, *see* Estermann-Wiscott,
Y.
Wise, M.C.G., 331
- Wood, F.E., 198
Wood, J.B., 199
Woodward, B.S., 404
Woodward, D., 252
Wright, J., 223
Wu, G.-W., 077
Xuareb, P., 109
Zainuddin, H.R.L., 262
Zammit, W., 110
Zhdanova, T.A., 142, 145

SUBJECT INDEX

- Academic librarianship, 066, 104, 129, 133, 201–203, 317, 319, 338, 339, 342, 347, 349, 350, 353, 364, 365, 372, 376, 384, 385, 389, 395, 397, 398, 402, 410, 421
- Accreditation, 002, 138, 156–159
- Admissions, library school, 285, 427, 428
see also Recruitment, librarians
- Africa, 062, 081, 204, 332
see also names of individual countries
- Agricultural librarianship, 204, 205
- Algeria, 063
- Anglophone Africa, 332
see also names of individual countries
- Appraisal training, 387
- Archive management, 032, 043, 249, 415, 421
see also Records management
- Assessment, students, 191
- Associateship, 308–311, 314, 315
- Associations, *see* Library associations
- Audiovisual equipment, use in teaching, 197
- Australia, 036, 064, 065, 171, 173, 188, 302, 317, 329, 366, 374, 385, 425, 431
- Automation, *see* Library automation
- Belgium, 066, 067
- Bibliographies, 001, 013, 209, 334, 404
- Book trade, 049, 050
see also Publishing
- Brazil, 058, 068
- Brunei Darussalam, 069
- Broadcasting libraries, 225
- Bulgaria, 070, 149
- Burundi, 071
- Business information, teaching, 209, 228–230
see also Business librarianship
- Business librarianship, 206–209
- CAI, *see* Computers, use in teaching
- CAL, *see* Computers, use in teaching
- Canada, 072, 171, 173, 215, 220, 259, 322, 388, 407, 429, 430, 436, 439
- Career choice, 288
- Career development, 088, 316–331, 349, 352, 440
see also Continuing education
see also Professional development
- Career planning, *see* Career development
- Cataloguing, teaching, 056, 231–240
see also Indexing, teaching
- Cataloguing, training, 397
see also Indexing, training
- CD-ROM, use in teaching, 196
- Certificate courses, professional staff, 122, 167
see also Professional staff, first qualification courses
- Certification, 159, 200, 312, 313, 408, 409
- Chartering, *see* Associateship
- Children's librarianship, 210
- Children's literature, teaching, 241
- China, People's Republic, 073–077
- Clerical staff, *see* Non-professional staff
- Closures, library schools, 299, 305
- College libraries, *see* Academic librarianship
- Compact Disc—Read Only Memory, *see* CD-ROM
- Comparative studies, 152, 153, 284
- Computer-Assisted Instruction, *see* Computers, use in teaching
- Computer-Assisted Learning, *see* Computers, use in teaching
- Computer skills, teaching, 245, 246, 253, 411, 425
- Computers, use in teaching/training, 188, 192, 194, 198, 199, 246, 256, 257, 367
see also Computer skills, teaching
see also Library automation, teaching
see also Library automation, training
- Conservation, teaching, 211, 248, 250, 251, 413
see also Preservation, teaching
- Continuing education, 131, 322–348
see also Career development
see also Professional development
- Cooperation, educator/practitioner, 099, 112, 279, 282
- Cooperative training, 149, 357
- Counselling, training, 382
- Courses, design of, *see* Curriculum development
- Courses of study, *see types of course, e.g.* Professional staff, first qualification courses
- Creative thinking, teaching, 166
- Curriculum development, 007, 017, 028, 030, 032, 036, 046, 058, 061, 063, 112, 160–163, 166, 201, 263, 293

- Czechoslovakia, 078, 079, 298
 Data display panels, use in teaching, 193
 Denmark, 010, 080
 Developing countries, 025, 044–046, 052, 056, 186
 Diploma courses, professional staff, 117
see also Professional staff, first qualification courses
 Directories, 002–006
 Distance learning, 182–187, 222
see also Open learning
 Doctoral research, 020, 100
 E-mail, *see* Electronic mail
 East Africa, 081
see also names of individual countries
 East Germany, *see* Germany, Democratic Republic
 Educator/practitioner cooperation, 099, 112, 279, 282
 Eire, *see* Ireland, Republic of
 Electronic mail, training, 376
 Employers and continuing education, 339, 350, 366
 Employment market, *see* Job market
 Equal opportunities, 427, 428, 434
see also Gender differences
 Ethics, teaching, 252
 Ethiopia, 082
 Europe, 023, 118, 284
see also names of individual countries
 Evaluation of training, *see* Training programmes, evaluation
 Exchanges, *see* Job exchanges
 Expert systems, 438
 Expert systems, teaching, 253, 269
 Faculty, *see* Lecturers, library school
 Fieldwork, *see* Practical work experience
 Fiji, 083
 Finland, 024, 051, 084–087, 172, 177, 338, 340
 Flanders, 066, 067
see also Belgium
 France, 088, 153, 288, 413, 415
 Gender differences, 322
see also Equal opportunities
 Germany, Democratic Republic, 060, 089–092, 392
 Germany, Federal Republic, 037, 053, 093–096, 178, 179, 254, 281, 286, 294, 307, 316, 343, 427
 Government information specialists, 224, 416
 Harmonization of training, 043
see also Equivalence (qualifications)
 Health sciences librarianship, *see* Medical and health sciences librarianship
 Hermeneutics, 012
 History, library education, 100, 102, 296, 302–306
 Iceland, 097, 098
 Indexing, teaching, 231, 232, 237, 239, 240
 Indexing, training, 397
 India, 099–101, 203
 Indonesia, 262
 Information brokerage, *see* Information consultancy
 Information consultancy, 328, 417, 423, 430
 Information management, *see* Information resources management
 Information resources management, 027, 048, 057, 061, 168, 254, 412, 414, 424, 425, 430, 432
 Information retrieval, teaching *see* Information storage and retrieval, teaching
 Information retrieval, training, 397
 Information science, 059, 254
 Information storage and retrieval, teaching, 231, 232, 236, 239, 240, 247, 255–260
 Information technology, 014, 031, 051, 056, 193, 194, 201, 377, 439
see also headings under Computer
see also Library automation
 Instructional design, *see* Curriculum development
 Interactive video, use in teaching, 195
 Interlending, training, 403
 Inter-library loan, *see* Interlending
 Internships, 385
see also Practical work experience
 Interpersonal skills, training, 261, 382, 393, 394
 Iran, 102
 Ireland, Republic of, 213
 IRM, *see* Information resources management
 IT, *see* Information technology
 Italy, 103–106, 216
 Job exchanges, 321, 323, 324, 327, 331
 Job market, 003, 006, 028–030, 058, 162, 283, 426–440
 Job satisfaction, 347
 Kenya, 081, 107, 108
 Law librarianship, 156, 212–213, 378
 Leadership training, 373, 391, 401
 Lecturers, library school, 077, 277–282
 Library assistants, *see* Non-professional staff
 Library associations and other professional bodies, 035, 040, 041, 054, 068, 200, 213, 282, 287, 333, 350, 363, 405–410
 Library automation, teaching, 242, 244, 396
 Library automation, training, 056, 243, 374, 379, 381, 383, 384, 386, 388, 389, 395, 396, 400
 Library networking, training, 395

- Library planning, teaching, 053
 Library schools, 002, 030, 062, 094, 111, 131, 138, 152, 154–159, 160, 161, 279, 290, 332, 428
 Library security, training, 375
 Library technicians, *see* Para-professional staff
 Licensing, *see* Certification
 Literature searching, *see* Reference work
 Malta, 109, 110
 Management, teaching, 095, 261, 425
see also types of management, e.g. Personnel management
 Management, training, 208, 262, 390, 392
 Management information systems, training, 414
 Manpower development, *see* Training
 Manpower planning, 029, 433, 437, 438
 Marketing, teaching, 263, 264
 Masters courses, professional staff, 020, 098, 168–170, 185, 200, 222
 Mathematical skills, teaching, 189
 Medical and health sciences librarianship, 214–216, 228, 309, 310, 314, 315, 407, 412
see also Medical informatics
 Medical informatics, 412, 418–420
see also Medical and health sciences librarianship
 Mentorship, 273
 Methods of teaching, *see* Teaching methods
 Microcomputers, *see headings under* Computers
 Micrographics, 057
 MIS, *see* Management information systems
 Mobile librarianship, 218
 Music librarianship, 217
 Netherlands, 038, 111–114, 416
 Networking, *see* Library networking
 New Zealand, 115, 189, 274
 Nicaragua, 056
 Nigeria, 116, 117, 174, 175, 194, 242, 378
 Non-professional staff, education, 174–181
 Non-professional staff, training, 176, 353
 Nordic Countries, 118, 217
see also names of individual countries
 Northern Ireland, 213
 Norway, 119, 295, 373, 391
 One-person libraries, 372
 Online intermediaries, training, 243, 255–260, 263, 268, 376, 399, 400
 Open learning, 117, 182, 186, 187, 222
see also Distance learning
 Pacific Islands, 083
 Papua New Guinea, 083, 120, 121
 Paraprofessional staff, education, 085, 171–173, 186
 Paraprofessional staff, job opportunities, 439
 Part-time study, *see* Open learning
 Personality characteristics, librarians, 284
 Personnel management, teaching, 261
see also Interpersonal skills, training
 Personnel management, training, 387
 Poland, 122, 197, 306, 351
 Polytechnic libraries, *see* Academic librarianship
 Portugal, 123
 Practical work experience, 117, 172, 177, 271–276, 279, 385
see also Internships
 Practicum, *see* Practical work experience
 Practitioner/educator cooperation, 099, 112, 279, 282
 Pre-library school training, 274
 Preservation, teaching, 211, 248, 249, 413
see also Conservation, teaching
 Professional bodies, *see* Library associations
 Professional development, 366
see also Career development
see also Continuing education
 Professional development report, 308, 311
 Professional qualifications, 034, 200, 308–315
see also Associateship
see also Certification
 Professional staff, advanced education, 020, 100, 168, 185
 Professional staff, first qualification courses, 066, 085, 098, 114, 117, 122, 130, 167, 169, 170, 200, 283
 Public librarianship, 039, 051, 088, 112, 136, 210, 218, 283, 320, 339, 368, 369, 377, 392
 Public relations, teaching, 265
 Public relations, training, 265
 Publishing (profession), 049, 050, 422
see also Book trade
 Qualifications, *see* Professional qualifications
 Records management, 032
see also Archive management
 Recruitment, librarians, 283, 289, 428
see also Admissions, library schools
 Recruitment, library school lecturers, 278
 Reference work, teaching, 267–269
 Reference work, training, 376, 398, 404
 Research, 009–024, 030, 075, 086, 100, 278, 295, 406
 Research librarianship, 133, 350, 372, 386, 421
 Research methods, teaching, 270
 Retirees (library school lecturers), 277
 Rural librarianship, 392
 Salaries, 003, 135
 Sandwich courses, 117
 Scholarships, 004, 005
 School librarianship, 039, 220–223, 312, 380, 408, 409

- School library media personnel, *see* School librarianship
 Scientific librarianship, 226, 399
 Scotland, 180, 186, 292, 364, 386
 Selection, students, *see* Admissions, library schools
 Sex differences, *see* Gender differences
 South Africa, Republic of, 007, 018, 020, 245, 246, 276, 296, 328, 346, 368
 Spain, 124, 125
 Special librarianship, 070, 123, 224–226, 282, 361, 372
 Sri Lanka, 126
 Staff development, *see* Training
 Staff training, *see* Training
 Statistics, library education, 139
 Strategic planning, 154
 Student assessment, *see* Assessment, students
 Students, library school, 033, 191, 283–290, 304, 329, 425
 Study tours, 134
 Sweden, 127, 241
 Switzerland, 128, 167, 293
 Systems analysis and design, 055
 Tanzania, 081, 129
 Teacher librarians, *see* School librarianship
 Teaching methods, 188–199
 Teaching staff, library schools *see* Lecturers, library schools
 Technical librarianship, *see* Special librarianship
 Technicians, library, *see* Paraprofessional staff
 Theological librarianship, 227
 Theory of library education, 007, 008, 012
 Third world, *see* Developing countries
 Training, general, 015, 043, 060, 132, 274, 309, 310, 313–315, 330, 341, 342, 345, 349–372, 377, 392
 Training materials, 309, 314, 315, 360, 404
 Training needs assessment, 359
 Training programmes, evaluation, 356, 358, 364, 370
 Training, specialised, 070, 151, 243, 255–261, 263, 265, 268, 273, 373–404, 412, 414
 Uganda, 081
 UK, *see* United Kingdom
 Ukraine, 143
see also Union of Soviet Socialist Republics
 Undergraduate courses, professional staff, 098, 117, 283
see also Professional staff, first qualification courses
 Union of Soviet Socialist Republics, 142–151, 164, 165, 187, 313, 341, 371, 402
 United Kingdom, 015, 028–031, 033, 047–050, 052, 054, 055, 061, 130–132, 152, 153, 155, 160–162, 168, 180–186, 191, 193, 198, 201, 202, 206, 210, 213, 222, 225, 230–233, 235, 236, 239, 240, 244, 247, 250, 253, 258, 263, 265–272, 280, 283, 287, 291, 292, 297, 300, 301, 303, 304, 308–311, 314, 315, 318, 321, 323–327, 331, 342, 353, 354, 357, 359–364, 369, 370, 372, 377, 379, 380, 386, 387, 390, 395, 397, 411, 412, 414, 417, 422, 426, 428, 432–435, 437, 438, 440
see also Scotland, Wales and Northern Ireland
 United States of America, 002–006, 019, 021, 022, 039, 040, 057, 133–141, 152, 154, 156–159, 163, 166, 169, 170, 173, 200, 211, 212, 214, 218, 219, 221, 224, 226, 228, 229, 234, 237, 238, 243, 252, 255, 259, 260, 268–270, 273, 275, 277–279, 282, 285, 289, 290, 299, 305, 312, 319, 320, 324, 327, 330, 333, 334, 339, 344, 345, 347–350, 355, 356, 365, 375, 376, 381, 383–385, 389, 396, 398–401, 405, 406, 408–410, 421, 423
 University libraries, *see* Academic librarianship
 USA, *see* United States of America
 USSR, *see* Union of Soviet Socialist Republics
 Wales, 185, 287, 291, 300, 301, 304, 321, 323, 324, 331
 West Germany, *see* Germany, Federal Republic
 Women librarians, 316, 329, 427, 428, 434
 Youth librarianship, *see* Children's librarianship
 Yugoslavia, 352, 358

LIST OF PERIODICAL TITLE ABBREVIATIONS

- Act. Inf. Cient. Tec.: Actualidades de la Información Científica y Técnica
AIB Boll. Inf.: AIB Bollettino d'Informazione
Akt. Prob. Inf. Dok.: Aktualne Problemy Informacji i Dokumentacji
Aust. Acad. & Res. Lib.: Australian Academic and Research Libraries
Aust. Coll. Lib.: Australasian College Libraries
Bib. Med. Can.: Bibliotheca Medica Canadiana
Bull. ASIS: Bulletin of the American Society for Information Science
Bull. Ass. Brit. Theol. & Phil. Lib.: Bulletin of the Association of British Theological and Philosophical Libraries
Bull. Med. Lib. Ass.: Bulletin of the Medical Library Association
Can. J. Inf. Sci.: Canadian Journal of Information Science
Cesk. Inf. Teo. Praxe: Ceskoslovenska Informatika, Teorie a Praxe
Coll. & Res. Lib.: College and Research Libraries
Coll. & Res. Lib. News: College and Research Libraries News
Coll. Lib. Bus. & Man.: College Libraries in Business & Management
Educ. Lib. Aust.: Education for Librarianship: Australia
Foc. Int. & Comp. Lib.: Focus on International and Comparative Librarianship
Her. Lib. Sci.: Herald of Library Science
IAALD Q. Bull.: International Association of Agricultural Librarians and Documentalists Quarterly Bulletin
Inf. & Lib. Man.: Information and Library Manager
Inf. Man. Rev.: Information Management Review
Int. For. Inf. & Doc.: International Forum on Information and Documentation
Int. J. Inf. & Lib. Res.: International Journal of Information and Library Research
Int. J. Inf. Man.: International Journal of Information Management
Int. J. Leg. Inf.: International Journal of Legal Information
Int. Lib. Rev.: International Library Review
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 & Library Sciences
J. Inf. Sci.: Journal of Information Science
J. Lib. Admin.: Journal of Library Administration
Leg. Ref. Serv. Q.: Legal Reference Services Quarterly
Lib. Admin. & Man.: Library Administration and Management
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. Res. & Tech. Serv.: Library Resources and Technical Services
Man. Poly. Lib. J.: Manchester Polytechnic Library Journal
Meth. Inf. Med.: Methods of Information in Medicine
Mitt. Ges. Bib. u. Dok. Land.: Mitteilungen der Gesellschaft für Bibliothekswesen und Dokumentation des Landbaus
Mitt. Ver. Ost. Bib.: Mitterlungen der Vereinigung Österreichischer Bibliothekare
Nach. Dok.: Nachrichten für Dokumentation

- Nat. Acq. Gp. News.: National Acquisitions Group Newsletter
Nauch. Tek. Bib. SSSR: Nauchnye i Tekhnicheskie Biblioteki SSSR
Nauch. Tek. Inf. Ser. 1: Nauchno-Tekhnicheskaya Informatsiya Seriya 1
NLM News: National Library of Medicine News
Prob. Inf. Sist.: Problemy Inform. Sistem MTsNTI
Rev. Esc. Bib. UFMG: Revista da Escola de Biblioteconomia da Universidade Federal de Minas Gerais
Rev. Esp. Doc. Cient.: Revista Española de Documentación Científica
S. Afr. J. Lib. & Inf. Sci.: South African Journal of Library and Information Science
Scand. Pub. Lib. Q.: Scandinavian Public Library Quarterly
Sch. Lib. Can.: School Libraries in Canada
Sci. & Tech. Lib.: Science & Technology Libraries
Sov. Bib.: Sovetskoe Bibliotekovendemi
Staff Dev. Aust. Lib.: Staff Development in Australian Libraries
Zent. Bib.: Zentralblatt für Bibliothekswesen
Zeit. Bib. u. Bib.: Zeitschrift für Bibliothekswesen und Bibliographie