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## About the Contributors

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SUSAN L. BUSHUR received her M. L. S. from the Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign, in May of 1993.

MICHÈLE VALERIE CLOONAN is an Assistant Professor at the Graduate School of Library and Information Science at the University of California at Los Angeles teaching in the areas of preservation, bibliography, and library and publishing history. She received her M. L. S. and Ph.D. in Library and Information Science from the University of Illinois at Urbana-Champaign. She has written numerous articles in the field of preservation and was the issue editor of "Recent Trends in Rare Book Librarianship" (*Library Trends*, Summer 1987). Her book *Early Bindings in Paper* was published in 1991.

EVELYN H. DANIEL is Professor and former Dean of the School of Information and Library Science at the University of North Carolina in Chapel Hill where she teaches courses in various aspects of technology and information support management, marketing, special libraries, and information brokering. She writes on research in education, information resources management, and organizational issues.

F. W. LANCASTER, Professor Emeritus in the Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign, is the editor of *Library Trends*.

MAURICE B. LINE is a consultant specializing in strategic planning, staff development, and the management of change. He retired in 1988 as Director-General, Science and Technology and Industry in the British Library, which he served for fifteen years. Before that, he worked in five university libraries. He is a Professor Associate at Sheffield University. He has honorary doctorates from Heriot-Watt

and Southampton Universities and a fellowship from Birmingham Polytechnic. He was President of the UK Library Association in 1990 and was awarded the IFLA Meda in the same year. He has written more than ten books and 270 articles and papers covering a wide variety of topics.

YUEN-MAN LOW received her M. L. S. from the Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign, in May of 1993.

RICHARD MATTESSICH is an employee of Arthur Andersen & Co. and is an alumni and Professor Emeritus of the University of British Columbia. Mr. Mattessich has held academic chairs in Austria (Vienna), Germany (Bochum), and Canada (Vancouver) as well as a tenured Associate Professorship at the University of California—Berkeley. He has also held visiting professorships in Switzerland (St. Gallen), New Zealand (Christchurch), and in Berlin, and gave invited lectures in Australia, Austria, Canada, Germany, Hong Kong, Italy, Japan, Switzerland, the United Kingdom, and the United States. Mr. Mattessich has written over a dozen books and over 140 scholarly articles. He has won national and international scholarly awards in his field.

FRANCIS NARIN is President of CHI Research, Inc., in Haddon Heights, New Jersey. He has been active in the area of bibliometrics since the advent of the Science Indicators movement. His company, CHI Research, has produced essentially all of the *Literature*, *Literature Citation*, and *Patent Citation Indicators* used in the U.S. National Science Board's Science Indicators Reports since *Science Indicators 1972*. Over the last ten years, CHI has been adapting the techniques of literature bibliometrics to the analysis of patents and patent bibliometrics. In 1988, Mr. Narin was awarded the Derek de Solla Price Medal, given by the Editorial and Advisory Board of *Scientometrics*, for his outstanding contributions to quantitative studies of science. He has published more than 100 papers and reports and has a B.S. in Chemistry from Franklin & Marshall College, an M. S. in Nuclear Engineering from North Carolina State College, and a Ph.D. from Walden University.

DOMINIC OLIVASTRO is an Associate Analyst at CHI Research, Inc. He wrote the software that created and maintains CHI's Patent Analytic Database, on which the TECHLINE<sup>SM</sup> data is based. He is also contributing editor of *The Services*. He has a B. S. and M. S. in Experimental Psychology.

MIRANDA LEE PAO is a Professor at the School of Information and Library Studies at the University of Michigan. She holds a B. S. and M. S. from the Julliard School of Music and a master's in library science and a doctorate in information and library science from Case Western Reserve University. She is the author of *Concepts of Information Retrieval*. She has published extensively. Ms. Pao's research focuses on problems of informetrics, bibliometrics, information retrieval, and evaluation of information systems. She was the recipient of a Research Career Development Award from the National Library of Medicine, the only one in the field to have received the award. Ms. Pao was the 1993 Samuel Lazerow Lecturer at Texas Woman's University.

DIANNE ROTHENBERG is Associate Director of the ERIC Clearinghouse on Elementary and Early Childhood Education and a doctoral candidate in library and information science at the University of Illinois at Urbana-Champaign. She is the author of several articles and conference papers related to nonlibrary information services and online databases.

DON R. SWANSON has been on the University of Chicago faculty since 1963 and was Dean of the Graduate Library School from 1963 to 1972 and 1977 to 1979. Prior to 1963, he was a research scientist for TRW, Inc. He holds degrees in physics from CalTech, Rice, and the University of California at Berkeley. Since 1986, his research has focused on the problems of identifying logically related but mutually isolated biomedical literatures and of demonstrating that such structures are potential sources of new knowledge. That work, the goal of which is to develop a literature-based approach to scientific discovery, has been described in a series of articles published in *Perspectives of the ACM SIGIR*, *Bulletin of the Medical Library Association*, *Journal of Documentation*, and elsewhere.

AMY J. WARNER is Assistant Professor at the School of Information and Library Studies at the University of Michigan, holds a B. A. from the University of Pittsburgh, an M. A. from Indiana University, and an M. S. and Ph. D. in Library and Information Science from the University of Illinois. She is the co-author of *Information Retrieval Today* with F. W. Lancaster. Her research, funded by OCLC and the National Library of Medicine, focuses on the use of linguistic methods in information retrieval system design. Ms. Warner has published widely on this topic in both the journal and conference literatures.

**PATRICK WILSON** is Professor Emeritus at the School of Library and Information Studies, University of California at Berkeley. He has contributed to two other recent issues of *Library Trends*: “Copyright, Derivative Rights, and the First Amendment” in the issue on intellectual freedom (Summer/Fall 1990) and “Bibliographic Instruction and Cognitive Authority” in the issue on information literacy (Winter 1991).