**Dagobert Soergel Curriculum vitae**

August 2020

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Dagobert Soergel

# Personal data

Born January 7, 1940, in Freiburg i.Br., Germany German citizen with resident alien status in the U.S. Married, one child

# Education

|  |  |
| --- | --- |
| 1960 | Diplom-Physiker-Vorprüfung (B.S., Physics), University of Freiburg |
| 1964 | Staatsexamen (M.S.), Mathematics and Physics, University of Freiburg |
| 1967 | Assessor des Lehramts (Teaching Certificate for high school/junior college), Mathematics and Physics, Staatliches Prüfungsamt Freiburg |
| 1970 | Dr. phil. (Ph.D.), Political science, University of Freiburg |

The American degree roughly equivalent to the German degree is indicated in ().

Revised version of Master thesis published in Information Storage and Retrieval (see Publications, B4)

Doctoral dissertation published as book (see Publications, A2)

# Positions held

|  |  |
| --- | --- |
| 1960-1961 | Deputy for relations to developing countries, Student government Association, University of Freiburg |
| 1961 – 1962 | Founding secretary, Freiburg Office for Relations to Developing Countries (an office concerned with the dissemination of information about developing countries, particularly about the needs and opportunities for properly trained people willing to help in developing countries) |
| 1963 – 1965 | Systems analyst, Forschungsstelle für Weltzivilisation, Abteilung Dokumentation (Research Center for World Civilization, Documentation Department), Freiburg |
| 1966 – 1967 | Studienreferendar, Seminar für Studienreferendare, Freiburg |
| 1967 – 1969 | Head, Documentation Department, Stiftung Wissenschaft and Politik (Foundation Science and Politics), Ebenhausen |
| 1969 – 1970 | Head, Documentation Department, DATUM (Documentation and Training Center for Theory and Methods of Regional Science), Bad Godesberg |
| 1970 – 1971 | Visiting lecturer, College of Library and Information Services (since 2000 College of Information Studies), University of Maryland |
| 1971 – 1976 | Associate Professor |
| 1976 – 2009 | Professor |
| 1976, 1977 | Visiting lecturer (Summer), School of Library and Information Science, University of Western Ontario, London, Canada |
| 1985 – 1989 | Visiting Professor (Summer), Graduate Library School, University of Chicago |
| Sept., 1985-June, 1986 | Visiting Professor, Chair for Information Science, University of Konstanz, Germany. |
| 1987 – 1994 | Visiting Professor (Summer), Konstanz, Germany |
| May – July, 1997 | Guest scientist, IPSI - Integrated Publication andInformation Systems Institute, German National Research Centre for Computer Science and Information Technology, Darmstadt |
| May – July, 1997 | Visiting Lecturer, Department of Information and Documentation, Fachhochschule Darmstadt |
| 2007 -  | Professore Onorario, Department of Information and Communication Technology, University of Trento, Italy |
| 2009 – 2012 | Professor and Chair, Department of Library and Information Studies, Graduate School of Education, University at Buffalo |
| 2012 -  | Professor, Department of Library and Information Studies, Graduate School of Education, University at Buffalo |
| May 2012August 2014June/July 2015May/June 2016(2 weeks each) | Visiting scholar, Escola de Ciência da Informação (ECI)Universidade Federal de Minas Gerais (UFMG)Belo Horizonte, BrazilTaught courses, gave public lectures, consulted with graduate students and faculty about research. |

# Professional Activities

|  |  |
| --- | --- |
| 1969 | Lecturer, Lehrinstitut für Dokumentation (Training Center for documentation), German Society for Documentation |
| 1973 - | Consultant on Information Services to the Technical Operations Staff of the Bureau of Foods (Study of information systems, index language development; see Publications B3, D3, D8, E4) |
| 1975 – 1976 | Consultant, Smithsonian Institution (Study of information systems, see Publications D4) |
| 1978 - | Consultant to various organizations (MITRE Corporation, JWK Corporation, Capital Systems Group, Kappa Corporation, Technology Services Corporation, Farm Credit Administration) |
| 1985 – 1986 | Consultant on chemical information systems and user-system interface, Gesellschaft für Information und Dokumentation, Heidelberg, Germany |
| 1988 – 1989 | Consultant and instructor of training courses for information management staff of the World Bank |
| 1989 – 2000 | Consultant to the National Institute on Alcohol Abuse and Alcoholism and to the Office of Substance Abuse Prevention and chair of the Advisory Committee for the Alcohol and Other Drug Thesaurus |
| 1993 | Consultant to the Swiss National Library on multilingual subject access |
| 2001 – 2005 | Consultant to the Harvard Business School Library on the development of the Harvard Business Thesaurus. |
| 2003 – 2005 | Consultant to the FDA Center for Drugs on development and use of thesauri and other knowledge organization systems and on intranet and Web design |
| 2004 – 2008 | Consultant to the FAO. Prepared a report on an FAO Ontology and Terminology System. Informally consult from time to time since |
| 2006 – 2010 | Consulting with a company on intelligent matching of resumes with jobs |
| 2008 | Mentioned on FAO’s AGROVOC Concept Server Workbench [(http://naist.cpe.ku.ac.th/agrovoc/)](http://naist.cpe.ku.ac.th/agrovoc/%29) with the contribution of Prof. Dagobert Soergel, University of Maryland |
| 2014 -  | Consultant to the World Bank Group Information Technology Solutions Vice Presidency on a variety of topics all in the service of improving information access to support the work of the World Bank Group, including taxonomy, text analytics, enterprise search, user experience design, structuring documents for integrating specific information into workflows, and devising a systematic approach to formulating and organizing the names of organizational units in the World Bank Group.  |

# Refereeing and membership in editorial boards and conference program committees

|  |  |
| --- | --- |
| Proposal and project reviews | NSF SBIR review panel, Info. and Intelligent Systems Division, Sept. 11, 1998 NSF review panel SEIII, Apr. 7 - 8, 2005NSF SBIR review panel Knowledge Discovery & Management I, Feb. 23, 2006 NSF/CISE/IIS Proposal Review panel Feb. 8 - 9, 2008NSF/CISE/IIS Proposal Review panel April 16 -17, 2009 NSF proposal reviewer 1980 -European Commission, project review for the DELOS Network of Excellence on Digital Libraries, March 2-4, 2005, March 29 - 31, 2006, Sept. 22, 2006,March 19 - 21, 2007, March 11, 2008Reviewer of proposals for the EU FP7 2007 June 2008 June Proposal reviewer for NIH 2007Social Sciences and Humanities Research Council of Canada 2008 NSF NSF III Small Information Retrieval Panel Apr. 2009NSF CDI-2009 Type II S P091744 June 2009 8 |
| Program conference committees / Conference reviewer | JCDL (Joint Conference on Digital Libraries) 1997, 2001, 2002, 2003, 2004 ECDL (European Conference on Research and Advanced Technology for Digital Libraries) 2001, 2003, 2004, 2005, 2006, 2007, 2008, 2009 Alsomember of doctoral forum and of best paper jury 2006.AAAI Spring Symposium 1997, Cross-Language Text and Speech Retrieval International Conference on Formal Ontology in Information Systems, FOIS-2001COLIS 4 (Conceptions of Library and Information Science) 2002, 2005ASIS&T (Program committee 2006, 2008, 2009, 2017, 2018, 2019)ASIS&T SIG Classification Research Workshop: Classification for User Support and Learning several, 2000 (Co-chair and primary proceedings editor), NKOS (Networked Knowledge Organization Systems) Workshop 1999-2018 several times at both JCDL and ECDL (since 2011 TPDL)NKOS 2017: Visualizing Knowledge Organization: Bringing Focus to Abstract Realities, (Program Committee) and (Review Panel).ISKO (International Society for Knowledge Organization) 2002, 2009, 2014, 2018; UK 2017, 2019AOS (Agricultural Ontology Server) 2005, 2006, 2007, 2008 Upper Ontology Summit 2006ACM SIG-IR 2007DELOS Brainstorming Workshop (invited), chief editor of report to EC 2006DELOS workshop on Digital Library Foundations at JCDL 2007, 2008 DELOS workshop on Digital Library Foundations at ECDL 2007, 2008 EC DELOS Review Panel 2006IJCAI-09 Workshop on "Identity and Reference in web-based Knowledge Representation" (IR-KR2009) |

|  |  |
| --- | --- |
|  | International Conference on the Semantic Web and Digital Libraries (Organizing Committee and Programme Committee) 2006Internationales Symposium fuer Informationswissenschaft, Konstanz, Germany, April 2009International Conference on Biomedical Ontologies (ICBO) (Program Committee) 2011 & 2012; Organizing Committee, 2013; (Program Committee) 2014 International Workshop on Semantic Publications (SePublica) 2011 UDC Seminar (Program Committee) 2015, 2017iConference, (Organizing Committee), 2019ISKO UK, (Program Committee), 2019CONTEXT- 11th International & Interdisciplinary Conference on Modeling and Using Context, (Program Committee),2019 |
| Editorial boards | Knowledge Organization (formerly International Classification)Review of Information Science. Electronic Journal of the Hochschulverband fuer Informationswissenschaft (defunct)Journal of Applied OntologyPakistan Journal of Information Management & Libraries (PJM&L) |
| Reviewer for Journals | International Journal of Digital LibrariesJournal of the American Society for Information Science Computing ReviewsInternational Journal of Human Computer Systems Journal of Digital InformationInformation Processing and ManagementKnowledge Organization (ISKO) (member of editorial board) Annual Review of Information Science and Technology Transactions on Asian Language Information Processing International Journal of Computers and ApplicationsJournal of Applied Ontology (member of editorial board)Special issue: Ontologies and Terminologies: Continuum or Dichotomy paper review fall 2012, member of SCIENTIFIC COMMITTEEInternational Journal of Metadata, Semantics and Ontologies (IJMSO) Journal of the Association for Information ScienceJournal of Biomedical InformaticsJournal of Information ScienceJournal of Information Science & TechnologyInformation and Society Information ResearchJournal of Multimedia Tools and Applications Encyclopedia of Library and Information SciencePerspectivas em Ciência da Informação |

# Grants

|  |  |
| --- | --- |
| 1986 | Grant from the German Federal Ministry for Research to the University of Konstanz (during my sabbatical there)**Pilot project developing an intelligent database guide** |
| 1989 | OCLC Library and Information Science Research Grant**An investigation into the structure of LCC and LCSH to support the development of a classification knowledge base** |
| 2001 | Participated in writing the proposal for**MALACH: Multilingual Access to Large spoken ArCHives**A five-year NSF ITR/IM+AP grant for a total of $7.5 Million for four partners (Shoah Visual History Foundation, IBM, Johns Hopkins University, and University of Maryland)Served as senior researcher for the UM part. |
| 2004 | **NSA grant for preparing the MALACH test collection for wide distribution**($140,000)**An Information Retrieval Test Collection for Spontaneous Conversational Speech**$110,000 for 2005, Department of Defense, PI (Co-PI Doug Oard) |
| 2008 | IMLS funded project**T3: Text, Tagging and Trust to Improve Image Access for Museums and Libraries**3 years, Sept. 2008 - Sept. 2011 $996,750 total (including partners)PI J. Klavans, From Maryland: Co-PI J. Golbeck, Senior Personnel D. Soergel I participated fully in the writing of the proposal and play an important role in the project |
| 2010 | IMLS planning grant, 1-year**Exploring Common Tools for Meaningful Concept Displays (MCD) to Support Semantic Indexing, Searching, and Learning****across Libraries, Museums, and Archives**Drexel U (Xia Lin, PI), Buffalo (Dagobert Soergel, co-PI), Getty Museum (Murtha Baca, co-PI)Total amount 50,000, Buffalo share 12,000 |
| 2011 | IMLS funded project 3 years**Improving Search, Sensemaking, Learning, and Social Tagging Through a Universal Appliance for Query Expansion and Meaningful Concept Displays** Drexel U (Xia Lin, PI), Buffalo (Dagobert Soergel, co-PI), Getty Museum (Murtha Baca, co-PI), ARTstor (William Ying, co-PI), Indianapolis Museum of Art (Robert Stein, co-PI)Total amount 413,000, Buffalo share 83,000 |

# Activities in Professional Societies

Member

Deutsche Gesellschaft für Dokumentation, 1962-

American Society for Information Science and Technology, 1964-

(Special Interest Groups: Classification Research; Behavioral and Social Sciences, Education for Information Science, Numeric Databases)

Association for Computing Machinery, 1969-

Association for Library and Information Science Education 1975-

ASIS Best Information Science Book Award Jury, 1987

SALIS (Substance Abuse Librarians and Information Specialists), 1990- DELOS Association for Digital Libraries 2008 -

American Library Association 2009- New York Library Association 2009-

International Association for Ontology and its Applications 2010 - Special Libraries Association 2011-

Secretary, Task Force for Information Retrieval in Data Archives of the Standing Committee for Data Archives of the International Social Science Council, 1968-1970

Technical Program Chairman, ASIS-SIG/ED, 1977-1978

Chairman, ASIS-SIG/ED and member, ASIS Education Committee (ex officio), 1978-1979

Member, DELOS Network for Excellence in Digital Libraries Working Group on the DELOS Digital Library Reference Model 2006 - 2007

Scientific Chair, dl.org Working Group on Functionality June 2009 - [www.dlorg.eu/index.php/news/17/99/DL-org-Working-Groups-lead-the-way](http://www.dlorg.eu/index.php/news/17/99/DL-org-Working-Groups-lead-the-way)

Member, Board of Directors, Western New York Library Resources Council (WNYLRC), 2011-

Germination Space: A Place to Think Big, funded by the National Science Foundation (EFRI-1745897/1745891) Spring 2018

Chair, Scientific Advisory Committee (SAC) of the International Society for Knowledge Organization (ISKO), 2020

# Awards and Honors

FDA Commissioners Special Citation 1981 (for work on the Factored Food Vocabulary Committee)

American Society for Information Science, **ASIS Best Information Science Book Award**, 1986 (for Organizing Information)

**Governor's Award for Volunteering Excellence** (Virginia). Gold Medal, 1993

**American Society for Information Science, Award of Merit**, 1997 (ASIST's highest award)

American Society for Information Science, Best JASIS Paper Award, 1999

(for Wang, Peiling; Soergel, Dagobert. **A cognitive model of document use during a research project. Study I. Document selection.** Journal of the American Society for Information Science. February 1998; 49(2): 115-133.)

**Award for Contributions to Information Science and Technology (CISTA**) 2008/2009

Los Angeles Chapter of American Society for Information Science and Technology (LACASIST).

# Courses Taught

**College of Information Studies, University of Maryland, College Park, Maryland**

Proseminar (instructor and coordinator)

With Marcia Bates: a course package consisting of Organization of knowledge in libraries; I. Introduction to reference and information services II. Introduction to data processing for libraries (an experimental course offered in Spring 1974)

A revised course package consisting of Organization of knowledge in libraries

Introduction to reference and information services Research methods in library and information studies Introduction to information storage and retrieval systems Advanced information storage and retrieval

Objectives and evaluation of information systems

**Construction and maintenance of index languages and thesauri**

Introduction to expert systems with illustrations in Prolog Doctoral seminar in information storage and retrieval

Introduction to data processing for libraries / Information technology

**Database design**

Communication and information transfer

Doctoral seminar in communication and information transfer Seminar in the special library and information center **Software evaluation and usability**

Information retrieval and analysis on the Internet

I**nformation structure (core course** replacing Organization of knowledge in libraries)

**University of Western Ontario, London, Western Ontario**

Introduction to data processing Doctoral seminar in research methods

**University of Chicago**

Construction and maintenance of index languages and thesauri Information retrieval and database management for microcomputers Seminar in cataloging and classification

Introduction to expert systems with illustrations in Prolog

**University of Konstanz**

Introduction to information retrieval

Construction and maintenance of index languages and thesauri Expert systems with Prolog

Systems analysis Thesaurus software

**Fachhochschule (Polytechnic) Darmstadt** Summer1997

Database design Expert systems

**University of Trento**

Ontologies. Functions, Structure, and Meaning. Doctoral course October 2008

**University at Buffalo**

LIS 514 Indexing and Surrogation LIS 526 Practicum

LIS 571 Organization and Control of Recorded Knowledge

LIS569 System Administration

LIS 598 Directed Study

**Universidade Federal de Mina Gerais**

The Semantic Web, Ontologies, and Linked Data at Escola de Ciência da Informação (ECI)

# Doctoral Dissertations Supervised or Committee Member

|  |  |  |  |
| --- | --- | --- | --- |
| 1 |  | 1975 | Katherine Packer - Methods used by chemists and chemical engineers in Canadian Universities to maintain current awareness with special reference to the use of SDI systems |
| 2 |  | 1976 | Karen Levitan - Function of scientific societies: Views of biomedical scientists |
|  |  | 1979 | Andrea Burgard – Annual reviews as indicators of the developing structure of scientific disciplines  |
| 3 |  | 1979 | Richard Lytle - Subject retrieval in archives: a comparison of the provenance and content indexing methods |
| 4 |  | 1980 | Sinikka Koskiala - The role of industrial information service in the information transfer chain from information producer to the ultimate user, with special emphasis on the information acquisition function in Finland |
| 5 |  | 1981 | Alexis Jamieson - Comprehension of entries in printed indexes |
| 6 |  | 1982 | Raya Fidel - The construction of a pattern model of man-machine interaction in online literature searching |
|  |  | *1983* | *Randall Trigg - A network-based approach to text handling for the online scientific community (computer science dissertation; served as representative of the Dean of Graduate Studies on the dissertation committee)* |
| 7 |  | 1985 | Brigitte Duces - The role of information in decision-making on agricultural innovations |
|  |  | *1989* | *Rebecca Green - The expression of syntagmatic relationships in frame-based indexing (member of dissertation committee)* |
|  |  | *1989* | *Helen Tibbo - Abstracts, online searching, and the humanities: An analysis of the structure and content of historical literature (member of dissertation committee)* |
| 8 |  | 1990 | Xinhua Wang - An algorithm for matching databases with queries in an intelligent guide to databases |
| 9 |  | 1991 | Paul Solomon - Explorations in information access and interface design for an online catalog in an elementary school library |
|  |  | *1992* | *Mu-hsuan Huang - Pausing behavior of end-users in online searching (member of dissertation committee)* |
|  |  |  | *Richard Smiraglia- Authority control and the extent of derivative bibliographic relationships (member of dissertation committee)* |
| 10 |  | 1993 | *Peter Liebscher - Information seeking in hypertext: Multiple access methods in a full text hypertext database (member of dissertation committee)* |
| 11 |  |  | Xia Lin - Self-organizing maps as graphical interfaces for information retrieval |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  | *Peter Evans - The enabling and disabling effects of a hypermedia information environment on information seeking and use in an undergraduate course (member of dissertation committee)* |
| 12 |  | 1994 | Peiling Wang - A cognitive model of document selection of real users of information retrieval systems |
| 13 |  | 1998 | Susan Boerner - A study of novice searcher's evolving task and topic knowledge. |
| 14 |  |  | Huei-Chung Lee - Cognitive processes in document-oriented indexing of empirical journal articles. A case study |
|  |  | 1999 | Wei Ding- Cognitive processes of multimodal surrogates for video browsing |
|  |  | 2001 | *Jeff Heflin -Knowledge Representation on the Internet: Achieving Interoperability in a Dynamic Distributed Environment* (Dean’s representative) |
| 15 |  | 2002 | Anita Komlodi - Search history for user support in information seeking interfaces |
| 16 |  | 2002 | Emily Marsh - Rhetorical relationships between text and images in Web pages |
| 17 |  | 2002 | Ana Flavia Fonseca - The effect of an integrated knowledge management architecture on organizational performance and impact. The case of the World Bank |
| 18 |  | 2002 | Laura Slaughter - Concept exploration via semantic relationships: Improving access to consumer health information (Dec. 2002) |
| 19 |  | 2002 | Tony Tse - Identifying and characterizing a "Health Consumer Vocabulary" (Dec. 2002) |
| 20 |  | 2003 | Wiwat Puntai - Evaluating Web-based instructional messages according to principles of instructional design: A content analysis |
|  |  | 2004 | *Jinsoo Chung - Information Use and Meaningful Learning (member of dissertation committee)* |
|  |  | 2004 | *Femke Reitsma - A new geographic process data model (Dean’s Representative)* |
|  |  | *2005* | *Jianqiang Wang - Matching Meaning for Cross-Language Information Retrieval (member of dissertation committee)* |
| 21 |  | 2006 | Jinmook Kim - Relevance judgments and query reformulation by users interacting with a speech retrieval system<http://dl.acm.org/citation.cfm?id=1168453> |
|  |  | 2006 | *Bill Kules - Visualizing Categorized Search Results with Graphical and Textual Displays (member of dissertation committee)* |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | 2006 | *Dina Demner-Fushman - Complex question answering based on semantic domain of clinical medicine (member of dissertation committee)* |
|  |  | 2006 | *Nancy McCown - The Roles of Internal Public Relations, Leadership Style, and Workplace Spirituality in Building Leader-employee Relationships and Facilitating Relational Outcomes (Dean’s Representative)* |
|  |  | 2008 | *Yejun Wu - Classifying Attitude by Topic Aspect for Chinese and English Document Collections (member of dissertation committee)* |
| 22 |  | 2009 | Xiaoli Huang - Topicality Reconsidered: A Conceptual Analysis of Topical Relevance Relationships<http://www.dsoergel.com/XiaoliHuangDissertation.pdf> |
| 23 |  | 2010 | Pengyi Zhang - Sensemaking: conceptual changes, cognitive mechanisms, and structural representations. A qualitative user study. <http://drum.lib.umd.edu/bitstream/handle/1903/10371/Zhang_umd_0117E_11214.pdf;sequence=1> |
|  |  | 2010 | PhD Thesis proposal assessment University of Trento |
|  |  | 2010 | PhD Thesis outside reviewer University of Queensland |
|  |  | 2010 | *Rachael Bradley - Understanding and supporting visual communication within costume design practice (member of dissertation committee)* |
| 24 |  | 2011 | Katy Lawley - Information Behavior in Context: Teachers' Content Selection During Lesson Planning for Holocaust-related Education [*http://drum.lib.umd.edu/bitstream/handle/1903/12403/Lawley\_umd\_0117E\_12307.pdf;jsessionid=41AE1BC6E49172F50105147190A8FD25?sequence=1*](http://drum.lib.umd.edu/bitstream/handle/1903/12403/Lawley_umd_0117E_12307.pdf;jsessionid=41AE1BC6E49172F50105147190A8FD25?sequence=1) |
| 25 |  | 2016 | Christina Pikas (University of Maryland) - The role of new Information and Communication Technologies (ICTs) in information and communication in science. A conceptual framework and empirical study <http://drum.lib.umd.edu/bitstream/handle/1903/18219/Pikas_umd_0117E_16952.pdf?sequence=1&isAllowed=y> |
|  |  | 2019 | Decio Wey Berti (UFMG), Co-AdviserAnalysis of Relationships of the AGROVOC Thesauri: Method of quality evaluation in large thesauri***Análise De Relacionamentos Do Tesauro Agrovoc: Método de avaliação da qualidade de grandes tesauros*** |
|  |  | 2019 | Barbara Tafuto (Rutgers), Committee MemberA Content Analysis of CTSA Websites: The Identification and valuation of CTSA Program Hub Website Content Standards for Knowledge Management of NCATS -CTSA Program Goals and Initiatives. |
|  |  | 2019 | Gracielle Mendonca (UFMG), Co-AdviserExpansion of the Borders of Education in Information Science: the instruction of professionals to work in the context of research data.***Expansão-das Fronteiras Da Educação Na Ciência Da Informacão: a formação de profissionais para atuação no contexto dos dados de pesquisa*** |
|  |  |  | Danielle Rioga (UFMG), Co-Adviser, in progress |
|  |  |  | Habilitationsschriften, master and doctoral theses at the University of Konstanz |
|  |  |  | PhD Thesis outside reviewer University of Mysore, India |
|  |  |  | PhD Thesis proposal assessment The Center for Advanced Media Research Amsterdam, VU University |

# Mentoring and tenure cases

|  |
| --- |
| **University of Maryland** |
| 1995 | Rebecca Green (tenure case) |
| 2001 | Doug Oard (tenure case) |
| 2002 - 2004 | Allison Druin (mentoring and tenure case) |
| 2006 -2009 | Jimmy Lin (mentoring and major role in tenure case) |
| 2006 - 2009 | Vedat Diker (mentoring) |
| 2007 - | Ken Fleischman (mentoring) |
| 2007 - | Jennifer Golbeck (mentoring) |
| 2007 - 2008 | Yan Qu (mentoring) |
| 2009 Fall | Ken Fleischman (mentoring and tenure case) |
| 2009 Fall | Douglas Oard (promotion) |
| **University at Buffalo** |
| 2009 - 2012 | Jianqiang Wang (mentoring and tenure case) |

Also, outside reviewer for tenure cases at other universities in the US and Europe

# Committees

University of Maryland, College of Information Studies

**College Committees**

Curriculum Committee (chair for 1 year) Doctoral Committee (chair for many years)

Designed the process for the review of the CLIS PhD program and chaired subcommittee 1, Program (mission, general design, requirements, courses)

Admissions Committee (chair for 1 year) Course Evaluation Committee

Research and Publications Committee Personnel Committee (chair for 2 years)

Chair, Subcommittee for the Review of the Plan of Organization (major editing responsibility) (2000/2001)

Chair, Subcommittee 1 (Program structure and requirements) for the PhD program review (major editing responsibility) (2000/2001)

Many search committees

**University Committees**

Campus Senate (two 3-year terms)

Chair, Adjunct Committee on Libraries and Instructional Aids (1-year term)

Provost's Commission on Curriculum Collaboration, Division of Human and Community Resources

Faculty Development Committee, Division of Human and Community Resources (1982-1984) Graduate Council (1999 - )

**University at Buffalo**

Multiple **departmental committees**, 2014 - 2015: Academic Programs Committee and Admissions and Academic Standards Committee

**GSE committees**

GSE Personnel Committee, 2012 - ; Chair 2013 -

GSE Envisioning Task Group on Excellent Research & Innovation, Fall 2013 GSE Executive Committee, Fall 2014 -

**University Committees**

VP and Director of Libraries Search Committee, Dec. 2009 - May 2010

Clinical and Translational Science Awards proposal writing committee, later CTSA Operations Committee, Lead for Evaluation and Continuous Improvement, Fall 2009 -

University Faculty Senate Academic Planning Committee, April 2014 -

Community for Global Health Equity (Affiliated Faculty), Fall 2015-

# Civic Activities

|  |  |
| --- | --- |
| 1978 -  | Member of the Outreach Committee of Immanuel-Church- on-the-Hill, Alexandria, VA. Conducting operation Christmas families (Christmas presents to needy children in families with danger of child abuse) for several years. Vestry member 1986- 1989. Instrumental in establishing a church-supported small preschool in a public housing project. |
| 1987 -  | Co-convener, Virginia Citizens for Preschool Education |
| 1988 – 1991 | Chair, Episcopal Diocese of Virginia Region IV Preschool Committee |
| 1989 | Principal editor, Final report of the Alexandria Early Childhood Development Task Force. |
| 1989 – 1994 | Member, Alexandria Early Childhood Development Commission (Co-chair, 1989/1990, Vice-chair 1990/1991, Chair 1993/94) |
| 1991 – 2012 | Treasurer, Child and Family Network Centers (formerly Alexandria Community Network Preschool) |
| 2012 -  | Trustee, Child and Family Network Centers (formerly Alexandria Community Network Preschool) |

# Publications

|  |  |  |
| --- | --- | --- |
| A  |  | **Books** |
| A1 |  | Soergel, Dagobert. (1969),**Klassifikationssysteme und Thesauri. Eine Anleitung zur Herstellung von Klassifikationssystemen und Thesauri im Bereich der Dokumentation.**(Classification systems and thesauri. A guide to the construction of classification schemes and thesauri for use in documentation.)Frankfurt/M: Deutsche Gesellschaft für Dokumentation; 1969. (pp. 244). |
| A2 |  | Soergel, Dagobert. (1971),**Dokumentation und Organisation des Wissens. Versuch einer methodischen und theoretischen Grundlegung am Beispiel der Sozialwissenschaften.**(Documentation and organization of knowledge. An inquiry into the methodological and theoretical foundations with particular reference to the Social Sciences.)Berlin: Duncker und Humblot; 1971. (pp. 380).[Ordo Politicus 13], Doctoral dissertation |
| A3 |  | Soergel, Dagobert. (1974),**Indexing languages and thesauri: Construction and maintenance.**Los Angeles, CA: Melville; 1974. (pp. 632), 72 fig., ca 850 ref. (Wiley Information Science Series)(Based on A1, but completely revised and enlarged) |
| A4 |  | Soergel, Dagobert. (1985),**Organizing information. Principles of data base and retrieval systems.**Orlando, Fl: Academic Press; 1985. (pp. 450). |
| A5 |  | Soergel, Dagobert. (1987),*(Arbeitsplatzsysteme, on-line Handbücher, Datenmodellierung, Dialog-Gestaltung. Beiträge zum Entwurf von Informationssystemen unter besonderer Berücksichtigung der Chemie.)* **Workstation systems, on-line handbooks, data modeling, user interface design. Contributions on the design of information systems with special reference to chemistry.**Frankfurt: Gesellschaft für Information und Dokumentation; December 1987. |
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| B178 |  | Soergel, Dagobert. (2014), **New ways of information support for thinking and problem solving**Invited presentation, Brasilian Information Science Conference (ENANCBIB 2014) Research Day, concluding roundtable, UFMG, Belo Horizonte 2014, 31 October.DOI: 10.13140/RG.2.2.33077.68327 |
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| B186 |  | Golub, K.; Soergel, D.; Buchanan, G.; Tudhope, D.; Hiom, D.; Lykke, M. (2016),**A framework for evaluating automatic indexing or classification in the context of retrieval**Journal of the American Society of Information Science and Technology. 67(1); (pp. 3-16), 2016.<http://urn.kb.se/resolve?urn=urn:nbn:se:lnu:diva-45521>DOI: 10.1002/asi.23600 |
| B187 |  | Soergel, Dagobert. (2015), **Knowledge Organization for Learning. Conjectures and methods of study**Public lecture at UFMG- Escola de Ciencia de Informacao, 2015, 23 June. DOI: 10.13140/RG.2.2.34486.70725 |
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| B200 |  | Soergel, Dagobert. (2017),**Towards a general ontology for describing processes, events, and stories/ narratives**ISKO UK biennial conference- Knowledge Organization- what’s the story? Classification, Indexing, Taxonomies and Ontologies- current state and direction of travel. 2017, 11-12 September. London, UK. |
| B201 |  | Soergel, Dagobert. (2017),**The principle of compositionality and entity-relationship modelling: faceted classification in a broader context**International UDC Seminar 2017, Faceted Classification Today: Theory, Technology, and End Users; (pp. 43-60). Wurzburg: Ergon Verlag. 2017, 14-15 September, London, UK. |
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| B221 |  | Soergel, D. (2019).**Knowledge Organization as a Fundamental Component of Information Science Education.**Presented at the Future of Education 2019. Florence, Italy, 27-28, June. |
| B222 |  | Bernaou, R., Ohly, P., Soergel,D. (2019).**Knowledge organization in the AgriFood sector in Algeria. Sharing information and communication through social media networks.** Presented at the Colloque International ISKO-France, Université Paul-Valéry,Montpellier, France; 9-11,October. |
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| B224 |  | Bernaoui, R. & Soergel, D. (2020).**Communication through social networks and effects on innovation. The case of the AgriFood Sector in Algeria.** In the Proceedings of the 16th International ISKO Conference of the ISKO 2020 Conference. |
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| B226 |  | Tafuto, B., Srinivasan, S., Parrott, J., Pannettieri, R., Holmes, K., & Soergel, D. (2020).**A content analysis of CTSA website: the identification and evaluation of CTSA program hub website content standards for knowledge management of NCATS CTSA program goals and initiatives**,Presented at the Translational Science 2020, Washington, D.C./Virtual. 15-16, April. |

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| B227 |  | Soergel, D. & Baracho, R., Mullarkey, M. (2020)**Toward a Comprehensive Smart Ecosystem Ontology – Smart Cities, Smart Buildings, Smart Life**The Journal of Systemics, Cybernetics and Informatics: JSCI, 18 (2); (pp. 25-36).<http://www.iiisci.org/journal/sci/FullText.asp?var=&id=ZA311EC20>  |

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| **C**  |  | **Invited workshops involving scholarly contributions** |
| C1 |  | **DELOS Brainstorming Meeting**Juan-le-Pins (near Nice), France, 2005, 05 December. |
| C2 |  | **DELOS workshop on a Digital Library Reference Model.**Frascati, Italy, 2006, 1-2 June invited, co-chaired breakout session on the information domain |

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| **D** |  | **Book Reviews** |
| D1 |  | **Das Informationsbankensystem.** (The information bank network).Information Storage and Retrieval. 1974.5; 10(5/6); (pp.231-233). |
| D2 |  | Soergel, Dagobert. (1975),Lancaster, F.**Vocabulary control for information retrieval.** Washington: Information Resources Press; 1972.International Classification. 1975; 2(1); (pp. 49-52). |
| D3 |  | Soergel, Dagobert. (1977), Hutchins, W.**Languages of indexing and classification: A linguistic study of structures and functions.** Stevenage, England: Peter Peregrinus 1975,148 p.Library Quarterly. 1977.4; 47(2); (pp. 194-196). |
| D4 |  | Soergel, Dagobert. (1978),Scheele, M.**Ordnung und Wortschatz des Wissens. Entwurf zu einem Überblick über das menschliche Wissen auf der Grundlage der Wörter. (Order and vocabulary of knowledge on the basis of the terms found in natural language.)**International Classification. 1978; 5(2); (pp. 113-115). |
| D5 |  | Soergel, Dagobert. (1979),Svenonius, E.**String indexing.** 3 v. London, Ontario: School of Library and Information Science, University of Western Ontario; 1977. Library Quarterly. 1979.10; 49(4); (pp. 465-466). |
| D6 |  | Soergel, Dagobert. (1980),Gorkova, V.I., Bakulina, I.I., & International Federation for Documentation.**Essential problems in terminology for informatics and documentation.** FID Publication, no.569. And International Federation for Documentation, **Theoretical problems of informatics: New trends in informatics and its terminology.** FID Publication, no. 568.Library Quarterly. 1980.10; 50(4); (pp. 509-5l0). |
| D7 |  | Soergel, Dagobert. (1982),Van Duyn, J. **Developing a data dictionary system.** Englewood Cliffs, N.J.: Prentice-Hall; 1982.Information Processing and Management. 1983; 19(4); (pp. 265-266).DOI: 10.1016/0306-4573(83)90025-0 |

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| D7a |  | Soergel, Dagobert. (1985),Craven, T.**Thesaural relations in a concept-network management system for customizing of permuted index displays**Information Processing and Management: An International Journal, 20(5/6); (pp. 603-610), 1984.Reviewed in Computing Reviews, Review #: CR109237Date reviewed: 1985-6-1 |
| D8 |  | Soergel, Dagobert. (1986),Brodie, M.; Mylopoulos, J.; & Schmidt, J. (Eds.): **On conceptual modelling. Perspectives from artificial intelligence, databases, and programming languages.** New York, NY etc.: Springer; 1984; (pp.510).International Classification, 1986: 13(1): (pp. 45) |
| D9 |  | Soergel, Dagobert. (1985),Deutscher Bundestag. Gruppe Datenverabeitung: **Struktur des Thesaurus für Parlamentsmaterialien. PARTHES.** Formaler Aufbau und Datenverarbeitungs- Konzept. (Structure of the Thesaurus for Parliamentary Materials. PARTHES. Formal structure and data processing concepts.) Munich, etc.: K.G. Saur 1985. (pp. 146). International Classification. 1986; 13(2); (pp. 105). |
| D9a |  | Soergel, Dagobert. (1986),Willett, P.**An algorithm for the calculation of exact term discrimination values**Information Processing and Management: An International Journal, 21(3); (pp. 225-232), 1985.Reviewed in Computing Reviews, Review #: CR110069Date reviewed: 1986-7-1 |
| D9b |  | Soergel, Dagobert. (1986),Sedelow, S.**Computational lexicography**Computers and the Humanities, 19 (2); (pp. 97-101), 1985.Reviewed in Computing Reviews, Review # CR110590Date reviewed: 1986-9-1 |
| D9c |  | Soergel, Dagobert. (1987),Sewell, W., & Teitelbaum, S.,**Observations of end-user online searching behavior over eleven years**Journal of the American Society for Information Science, 37 (4); (pp. 234- 245), 1986.Reviewed in Computing Reviews, Review #: CR123686Date reviewed: 1987-2-1 |
| D10 |  | Soergel, Dagobert. (1987),Lancaster, F.**Vocabulary control for information retrieval.** 2. ed. Arlington, VA:Information Resources Press; 1986; (pp. 262.)Journal of Academic Librarianship. 1987.7; (pp.173). |

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| D11 |  | Soergel, Dagobert. (1987),Smith, M. **Information and records management: a decision-makers guide to systems planning and implementation.** Westport, CN: Greenwood Publishing Group ; 1986; (pp. 285.)Reviewed in Computing Reviews. 1987.9; 28(9); (pp. 468). Review # CR111480Date reviewed: 1987-9-1 |
| D12 |  | Soergel, Dagobert. (1988),Panyr, J. **Automatische Klassifikation und Information Retrieval. Anwendung und Entwicklung komplexer Verfahren in Information-Retrieval-Systemen und ihre Evaluierung.** (Automatic classification and information retrieval. Publication and development of complex procedure in information retrieval systems and their evaluation. Tübingen: Niemeyer; 1986; (pp. 416). International Classification. 1988; 15(1): (pp. 42). |
| D13 |  | Soergel, Dagobert. (1988),Markey, K. **Subject Access to Visual Resources Collections: A Model for Computer Construction of Thematic Catalogs.** New York: Greenwood; 1986. (pp. 189). (ISBN 0-313-24031- 0) LC 86-7658.College and Research Libraries. 1988.9; 49(5); (pp. 473-475). |
| D14 |  | Soergel, Dagobert. (1989),Fensterer, R. **Essential guide to Apple computers in libraries. Vol. 3: Communications and networks.** Meckler Corporation; Westport, CT, 1988; (pp. 219).(Essential guide to Apple Computers. v. 3.)Reviewed in Computing Reviews, Review # CR123292Date reviewed: 1989-10-1 |
| D15 |  | Soergel, Dagobert. (1990),Pao, M. **Concepts of information retrieval.** Englewood, CO: Libraries Unlimited; 1989; (pp. 285).Library Quarterly. 1990.1; 60(1); (pp. 83-84). |
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