

MIS Doctoral Dissertations: 1983

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Editor's Note

Every year for the past three years the MIS Quarterly has published a listing of recent MIS dissertations. The initial list covered MIS dissertations written between 1973 and 1980 and has been updated annually to provide a complete, up-to-date index to the MIS dissertation literature.

The method used for identifying dissertation titles was previously described and validated¹. Although this method ensures identification of most MIS dissertations, there will be occasional oversights. Undoubtedly, there are some we have missed this year and still others from previous years. We encourage additions to the bibliography.

This year's list includes 56 dissertations. Copies of the dissertations may be obtained through University Microfilms. University Microfilms can be reached at:

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Abstracts of the dissertations are found in Dissertation Abstracts International, which is available in most university libraries². The 500 to 1,000 word abstracts provide a short description of the research topic, research methodology, and findings.

¹Hamilton, S., Ives, B., and Davis, G.B. "MIS Doctoral Dissertations: 1973-1980." *MIS Quarterly*, Volume 5, Number 2, June 1981, pp. 61-83.

²Dissertation Abstracts International, University Microfilms International, Ann Arbor, Michigan 48106.

Dissertation Bibliography

- Ala, M. **An Exploratory Study Regarding the Attitudes Toward the Development of an International Information System**, Louisiana Tech University, 1983 (83-14611).
- Altmeyer, A.S. **Implementation of Computerized Management Information Systems in Public Agencies: An Analysis of the Implementation Process of the Welfare Management System and the Medicaid Management System in New York**, Syracuse University, 1982 (83-1044).
- Araya-Marin, A. **The Development of Computer-Based Management Information Systems For Higher Education in Costa Rica: A Proposed Model**, Vanderbilt University, 1982 (83-13834).
- Armitage, H.M. **Toward an Improved Distribution Accounting Information System Through an Entity — Relationship Data Modeling Approach**, Michigan State University, 1983 (83-15429).
- Aulgur, J.H. **Status and Trends of Information Systems Programs in Accredited Collegiate Schools of Business**, Oklahoma State University, 1982 (83-00133).
- Ayoub, N.H. **The Impact of Computers on Management Functions and Training in Large Manufacturing Firms**, University of Georgia, 1982 (82-28666).
- Bahr, M.S. **Some Impacts of a Management Information System on Subunit Behavior: A Contingency Approach**, University of Kansas, 1982 (83-01666).
- Barki, H. **A Contingency Model of DDS Success: An Empirical Investigation**, The University of Western Ontario, (Canada), 1983.
- Barrett, S.S. **A Framework for the Analysis of Automated Inter-Organizational Information Sharing Systems**, University of Arizona, 1983 (83-15272).
- Burke, L.K. **Decision Support: Effect of Different Kinds of Information on Decision Outcomes**, New Mexico State University, 1983 (83-23625).
- Byler, J.W. **Information for Urban Decision-makers: Some Conceptual Issues in the Design of Urban Information Systems**, University of Pennsylvania, 1983 (83-15996).
- Calaway, F.W. **An Exploration of Computer Aptitude**, Memphis State University, 1982 (82-27405).
- Cats-Baril, W.L. **Cognitive Aid and Decision**

Support Systems: An Empirical Investigation of Three Dimensions, University of Wisconsin-Madison, 1982 (82-25636).

Chan, W. **A Methodology for Verification and Monitoring of Office Procedures for Office Information Systems**, University of Illinois at Chicago Circle, 1983 (83-12247).

Cooper, R. **Cognitive Biases in Business Decisions: The Base Rate Effect and Software Project Approval**, Harvard University, 1982 (83-03400).

Daigle, W.W. **Computer Terminals in an Urban Hospital Clinic: A Naturalistic Inquiry into Change Processes**, University of Colorado at Boulder, 1982 (82-29817).

DeLone, W.H. **Determinants of Success for Small Business Computer Systems**, University of California, Los Angeles, 1983 (83-21929).

Dos Santos, B.L. **Aids for Model-Oriented Decision Support Systems: An Experimental Evaluation Of Their Impact on Decision Making Effectiveness**, Case Western Reserve University, 1982 (83-04329).

Gerlach, J.H. **Internal Accounting Control Design, Evaluation and Implementation in Automated Office Information Systems**, Purdue University, 1982 (83-00908).

Gustin, C.M. **Logistics Information Systems: An Appraisal of Historical Trends, Present Status and Future Directions**, Golden Gate University, 1983 (83-11374).

Haugen, S.D. **The Utilization of Microcomputers, Minicomputers, and Small Computers in Small Businesses**, Oklahoma State University, 1982 (83-04864).

Herrin, J.D. **A Microcomputer Based Management Information System: An Approach for Remote Schools in Alaska**, University of Kansas, 1983 (83-17987).

Hogue, J.T. **A Field Study of the Role of Management in Decision Support Systems**, University of Georgia, 1982 (82-28696).

Huang C. **The Implementation of Relational Data Base Management Systems on Micro Computers**, Lehigh University, 1982 (82-29728).

Hughes, C.T. **An Empirical Evaluation of Management Training on a DDS Generator**, Arizona State University, 1982 (83-04708).

Jackson, D.P. **Implementation of Automated Office Technology and its Effects on Top Management Productivity and Behavior**, Claremont Graduate School, 1983 (83-21053).

Karimi J. **Computer Aided Process Organization in Software Design**, University of Arizona, 1983, (83-11414).

Kelly, J.F. **Natural Language and Computers: Six Empirical Steps for Writing an Easy-To-Use Computer Application**, Johns Hopkins University, 1983 (83-21592).

Kim, J.S. **The Effects of the Knowledge of the Decision Model Used by the Decision Maker on the Evaluation of Information Systems**, Indiana University, 1982 (82-27761).

Leggett, J.J. **An Empirical Investigation of Voice as an Input Modality for Computer Programming**, Texas A&M University, 1982 (83-06794).

Lehman, J.A. **A Methodology for Design of Decision Support Systems Based on the Human Information Processing System**, University of Michigan, 1982 (83-04529).

Lengel, R.H. **Managerial Information Processing and Media Selection Behavior**, Texas A&M University, 1983 (83-23685).

Mahmood, M.A. **Toward the Development of a Decision Support System for Curriculum Design**, Texas Tech University, 1982.

Mantei, M.M. **Disorientation Behavior in Person — Computer Interaction**, University of Southern California, 1982.

McDermott, P.C. **Computers and Multinational Corporate Management Strategies**, University of Toronto (Canada), 1982.

McGrath, R.R. **A Management Information System User Satisfaction Index**, Florida State University, 1983 (83-17378).

Mel, A **Talking to Computers — Voice Recognition as a Mode of Interaction for Executives**, University of Pennsylvania, 1983 (83-16060).

Muller, R.J. **Data Organization: The Integration of Database Management, Data Analysis, and Software Technology Applied to the National Crime Survey**, Massachusetts Institute of Technology, 1983.

Politakis, P.G. **Using Empirical Analysis to Refine Expert System Knowledge Bases**, Rutgers University, 1983 (83-08447).

Puchmajerova, O. **DB-Spec: A Data Base Oriented Requirements Specification Technique**, Boston University Graduate School, 1983 (83-09784).

Riopelle, K.R. **A Management Information System Using Social Indicators for Adult Education Market Analysis and Strategic Deci-**

sion Making, University of Michigan, 1983 (83-14347).

Rivard, S. **User Developed Computer-Based Applications: A Model of the Factors of Success**, The University of Western Ontario (Canada), 1983.

Saraswat, S.P. **An Empirical Investigation of the Organizational Progress Function in the Installation of Applications Packages on Existing Computer-Based Information Systems**, Georgia State University, 1982 (83-04676).

Schacht, J.F. **Better Sales Calls Using a Decision Support System**, University of Arizona, 1982 (83-06456).

Sexton, P.W. **A Computer Decision Support System to Assist in Providing Equality of Educational Opportunity**, Portland State University, 1983 (83-14518).

Smith, V.C. **Budgetary Constraints and Management of Selected Data Processing Departments**, United States International University, 1983 (83-10182).

Spiguel, C.P. **Computer-Aided Modelling: An Application to Decision Support in Business Environments**, University of Michigan, 1982 (83-04602).

Stinson, S.K. **Specifications for Interactive Information Systems**, University of California, San Francisco, 1982 (83-04194).

Vaquerizo, M. **A Prototype Decision Model: A**

Dynamic Approach to Management Information Systems in Higher Education, Florida State University, 1982 (83-04085).

Waddle, V.E. **A Methodology and System for Logical Database Design**, Purdue University, 1982 (83-00969).

Wallace, D.N. **An Explanatory Study of the Utility of the Decision Information Display System for Decision Making and Policy Analysis**, The American University, 1983 (83-22780).

Williams, M.R. **The Design of the Computer Assisted Query Language (CAQL) System**, Vanderbilt University, 1982 (83-12594).

Wise, W.S. **An Investigation of Microcomputer Based Information Systems in Educational Administration**, University of Iowa, 1982 (82-29987).

Witte, D.E. **A Methodology for Computer Service Selection**, Illinois Institute of Technology, 1983 (83-17243).

Wong, H.K.T. **Design and Verification of Information Systems**, University of Toronto (Canada), 1983.

Yaverbaum, G.J. **Requirement Analysis for Decision Support Systems: An Investigation of the Decision Process**, Temple University, 1983 (83-11639).

Zettler, J. **Stages of Growth in the Use of Computers in Public Management**, Stanford University, 1983 (83-20809).