

# MANAGEMENT INFORMATION SYSTEMS QUARTERLY

## Table of Contents

March 1983

Volume 7, Number 1

---

EDITOR'S COMMENT .....	iii
------------------------	-----

### APPLICATION

"Cost/Benefit Analysis of Computer Based Message Systems," Ian Montgomery, Arthur Andersen and Company, and Izak Benbasat, University of British Columbia .....	1
---	---

*Discusses the advantages and problems with CBMS, and provides some estimates of the costs/benefits.*

"The Data Dictionary: An Evaluation from the EDP Audit Perspective," Michael T. Vanecek, North Texas State University, Ira Solomon, University of Arizona, and Michael V. Mannino, University of Arizona .....	15
--	----

*Evaluates the features, potential benefits, and limitations of data dictionary systems from the EDP auditor's perspective.*

### THEORY AND RESEARCH

"Effects of Work Stress and Social Support on Information Systems Managers," Madeline Weiss, Weiss Associates .....	29
---	----

*Investigates the sources of organizational stress among IS managers, the resulting symptoms of strain, and whether social support can reduce symptoms of strain.*

"The Influence of Computer Graphics on the Recall of Information," Collin J. Watson, University of Utah, and Russell W. Driver, University of Oklahoma .....	45
--	----

*Describes an experiment that examined the influence of computer plots of three-dimensional graphics on the recall of information.*

"Chauffeured versus End User Access to Commercial Databases: The Effects of Task and Individual Differences," Mary J. Culnan, University of California, Berkeley .....	55
--	----

*Explores the task and individual characteristics of 184 professionals who accessed commercial database services to acquire external information directly or through an intermediary.*

**REFERENCE LIST OF MIS DOCTORAL DISSERTATIONS**

“MIS Doctoral Dissertations: 1982,” Scott Hamilton, ComServ Corporation, Blake Ives, Dartmouth College, and Gordon B. Davis, University of Minnesota.....69

*Lists a comprehensive bibliography of information systems related doctoral dissertations published in 1982.*