

CISR FACULTY, RESEARCH STAFF, AND GUEST LECTURERS

Robert M. Alloway, President, Alloway, Inc., was formerly a Research Associate at CISR and an Assistant Professor of Management Science at the Sloan School of Management, MIT. Dr. Alloway worked in industry as a DP manager for five years before earning his doctorate at the Harvard Business School. His current research, lecturing and consulting focuses on the senior management issues of the information systems (I/S) function and new systems development: strategic planning for I/S, organizational structure of I/S, application portfolio planning, project life cycle and design, and decision support systems.

Thomas A. Barocci, Associate Professor of Management, Sloan School of Management, MIT, is currently conducting research on human resource issues associated with the design, management and implementation of information systems. Professor Barocci is President of T.A.B. Associates, a management consulting firm. Vice President of International Systems, Inc., a software development firm, and a member of the Advisory Board to Index Systems, Inc. Prior to his appointment at MIT in 1975, he held teaching positions at Harvard, Boston University and Cornell.

Christine V. Bullen, Assistant Director, CISR, and Research Associate, Sloan School of Management, MIT, has conducted research concerning the identification of top management information needs through the use of the critical success factor methodology and the design and implementation of distributed processing. In addition, she is currently involved in an office systems study examining future office technologies. Ms. Bullen's industry experience includes the corporate planning staff of Inforex, Inc., the professional staff of Arthur D. Little, Inc., and executive assistant to the president of the Brand Rating Research Corporation. She received her master's degree from the Sloan School, MIT.

Charles Dickinson, Research Associate, CISR, Sloan School of Management, MIT, is working with several CISR faculty to initiate a major new research effort that will examine the impacts of I/S technology on business strategy, organizational structure, and managerial roles. Mr. Dickinson received his master's degree from the Sloan School, MIT, and also has a bachelor's degree

in sociology and anthropology from Oberlin College. He has had experience as a line manager and as a management consultant, particularly in public sector organizations. His research interests are oriented towards the behavioral and organizational problems associated with the use of I/S technology.

John J. Donovan, Associate Professor of Management Science, Sloan School of Management, MIT, is specializing within the areas of new technologies relevant to decision support systems and public sector policy analysis. Professor Donovan was the Director and a founder of the Center for Birth Defects Information Systems at New England Medical Center. He is also a Clinical Associate Professor of Pediatrics at Tufts Medical School. His industrial experience includes co-founder and former chairman of the board, MITROL, Inc.; co-founder and former president of INTERCOMP; board member, Financial Publishing, Inc. He has served on a Presidential Committee reporting on USSR and USA computer technology. He is a developer of AI&T and American Bell's Information Systems series of training sessions. He is the author of *Systems Programming* and co-author of *Operating Systems* (with S. E. Madnick).

Michael Hammer is an Associate Professor of Computer Science and Engineering at MIT, and Associate Director, MIT Laboratory for Computer Science. His technical specialties are office automation, distributed processing, database management, and application software development; his other areas of expertise include the organizational and personal impacts of information systems, and the relationship between technology and business planning. Professor Hammer has been on leave during the 1982-83 academic year at his consulting firm. He has published extensively in the computer science literature, and has lectured widely in the U.S., Europe, and Japan.

Robert Johansen is a Senior Research Fellow at IFTF (Institute for the Future) in Menlo Park, California. He has been conducting research on the organizational aspects of advanced office systems for over ten years. His work has focused on needs assessment, pilot testing, and evaluation of impacts. He has had experience with virtually all forms of electronic communication systems, as well as computing capabilities such as decision support and artificial intelligence. A social scientist by training, he has a doctorate from Northwestern University.

Charles M. Jonscher, Lecturer, Sloan School of Management and Department of Political Science, MIT, has a background in economics and engineering. His fields of research include telecommunications, the economics of information, and the analysis of communications industries. Currently Dr. Jonscher is studying the structure of the telecommunications and data processing industries. He has lectured in economics at Harvard University and, as a consultant, has conducted economic and business studies in the communications sector.

Peter G. W. Keen, Chairman, Micro Mainframe, Inc., is editor of the journal *Office Technology and People* and consulting editor of Addison-Wesley's Series on Decision Support and their microcomputer software DSS series. His current research and consulting are in the areas of DSS, telecommunications and business policy, strategic computer education, and the management of change. Dr. Keen has held faculty positions at MIT, Stanford, Wharton, and Harvard. He is co-author of *Decision Support Systems: An Organizational Perspective* (with M. S. Scott Morton).

Dorothy Leonard-Barton, Assistant Professor of Management, Sloan School of Management, MIT, teaches, researches, and consults about the development and diffusion of new technologies. Her current research projects include studies on the dissemination of structured system development methodologies and on the commercialization of university-developed software. She holds a doctorate in communication research from Stanford University. Before coming to MIT, she worked for SRI International in California and, over a period of ten years, for various public and private sector organizations in Southeast Asia.

Eliot Levinson, Visiting Scholar, CISR and Organizational Studies Group, Sloan School of Management, MIT, is currently conducting research on the implementation of executive support systems. Dr. Levinson holds a doctorate in policy analysis as well as master's degrees in anthropology and education from Stanford University. He was a member of the management science department at the Rand Corporation and has held administrative and planning positions in public education. His main research interests concern the management of innovation and the effect on organizational behavior.