

MARYAM ALAVI

John M. and Lucy Cook Chair of Information Strategy
Goizueta Business School
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2009

EMPLOYMENT - ACADEMIC EXPERIENCE

Academic Management/Leadership Positions:

- 07/05 – present Vice Dean
Goizueta Business School
Emory University
- 01/05 – 07/05 Interim Dean
Goizueta Business School
Emory University
- 01/02 – 01/04 Senior Associate Dean of Faculty and Research
Goizueta Business School
Emory University
- 01/01 – 01/06 Founding Director of Knowledge@Emory (a web-based applied
research publication)
Goizueta Business School
Emory University
- 1993 – 1998 Chairperson, Information Systems Department
Robert H. Smith School of Business
University of Maryland at College Park

Faculty Positions:

- 01/00 – present The John and Lucy Cook Chair of Information Strategy
Goizueta Business School
Emory University
- 08/98 - 01/00 Orkand Professor of Information Systems
Robert H. Smith School of Business
University of Maryland at College Park

08/93 - 07/98	Professor of Information Systems Robert H. Smith School of Business University of Maryland at College Park
08/96 - 06/97	Marvin Bower Fellow and Visiting Faculty Harvard Business School Harvard University
08/89 - 07/93	Associate Professor of Information Systems (with tenure) College of Business and Management University of Maryland at College Park
08/80 - 07/87	Associate Professor (with tenure, 1986 to 1987) and Assistant Professor (1980 to 1986) Decision and Information Sciences Department University of Houston

EMPLOYMENT - INDUSTRY EXPERIENCE

1987 - 1989	Director of Research International Center for Information Technologies, Washington, DC Directed a research department with 11 full-time researchers with advanced degrees. Managed a large portfolio of sponsored research projects.
1978 - 1980	Research Scientist Computer Systems Division Battelle Memorial Institute, Columbus, Ohio. Responsible for research and design of large-scale computer systems.
1974 - 1976	Programmer/Analyst Research and Development Department Ohio College Library Center (OCLC), Columbus, Ohio. Responsible for development and conversion of computerized bibliographic databases.

PRIMARY RESEARCH AREAS

- Impact of information technologies on individual and group learning processes
- Information technologies and organizations: impact on strategy and operations
- Knowledge management in socio-technical networks

PUBLICATIONS

M. Alavi and Y. Yoo, "Use Information Technology for Organizational Change," in E. A. Locke (ed.), *Handbook of Principles of Organizational Behavior*, 2nd ed., Blackwell (Wiley), forthcoming.

G.C. Kane and M. Alavi, "Casting the Net: A multimodal Network Perspective on User-System Interactions," *Information Systems Research*, Vol. 19, No. 3, pp. 253-72, September 2008.

Runner-up, Best Published Paper Award 2009, The Information Systems Society.

M. Alavi and G.C. Kane, "Social Networks and Information Technology: Evolution and New Frontiers," in D. Leidner, and I. Beccra (eds.), *Knowledge Management: An Evolutionary View of the Field*, AMIS Research Monograph, 2008.

G. C. Kane and M. Alavi, "Information Technology and Organizational Learning: An Investigation of Exploration and Exploitation Processes," *Organization Science*, Vol. 18, No. 5, September/October 2007.

D. Liedner, M. Alavi, and T. Kayworth, "The Role of Culture in Knowledge Management: A Case Study of Two Global Firms," *International Journal of e-Collaboration*, Vol. 2, No. 1, pp. 17-40, January-March 2006.

Reprinted in N. Kock (ed.), *E-Collaboration: Concepts, Methodologies, Tools, and Applications*, Vol. 2, Chap. 5.13, pp. 1043-61, Information Science Reference, Hershey, PA, 2009.

M. Alavi, T. Kayworth, and D. Liedner, "An Empirical Examination of the Influence of Organization on KM Practices," *Journal of MIS*, Winter/Spring 2005- 2006.

G. C. Kane and M. Alavi, "Information Technology and Organizational Learning: An Investigation of Exploitation and Exploration Processes," *Proceedings of the 26th International Conference on Information Systems*, Las Vegas, NV, December 2005.

M. Alavi and G. C. Kane, "Casting the Net: A Multimodal Network Perspective on Knowledge Management," *Proceedings of the 26th International Conference on Information Systems*, Las Vegas, NV, December 2005.

M. Alavi and D. Dufner, "Technology-Mediated Collaborative Learning: A Research Perspective," *Asynchronous Learning Networks: A Research Frontier*, Elsevier Publishing, New York, NY, 2005.

Y. Yoo and M. Alavi, "Emergent Leadership in Virtual Teams: What do Emergent Leader Do?" *Information and Organization*, Vol. 14, No. 1, January 2004.

M. Alavi, "Distributed Learning Environments," *IEEE Computer*, January 2004.

M. Alavi and B. Gallupe, "Using Information Technology in Learning: Case Studies in Business and Management Education Programs," *Academy of Management Learning and Education*, Vol. 2, July 2003.

M. Alavi and A. Tiwana, "Knowledge Management: The Information Technology Dimension," *Knowledge Management Systems*, Blackwell Publishing, New York, NY, 2003.

M. Alavi and D. Leidner, "Virtual Learning Systems: Information Systems in Education," *Encyclopedia of Information Systems*, Academic Press, New York, NY, 2002.

M. Alavi and A. Tiwana, "Knowledge Integration in Virtual Teams: The Potential Role of Knowledge Management Systems," *Journal of the American Society for Information Science and Technology*, Vol. 53, No. 12, 2002.

M. Alavi, G. Marakas, and Y. Yoo, "A Comparative Study of Distributed Learning Environments on Learning Outcomes," *Information Systems Research*, Vol. 13, No. 4, December 2002.

Y. Yoo and M. Alavi, "Media and Group Cohesion Relative Influence on Social Presence, Task, Participation, and Group Cohesiveness," *MIS Quarterly*, Vol. 25, No 3, September 2001.

M. Alavi and D. Leidner, "Technology-Mediated Learning: A Call for Greater Depth and Breadth of Research," *Information Systems Research*, Vol. 12, No. 1, March 2001.

M. Alavi and D. Leidner, "Knowledge Management and Knowledge Management Systems: Conceptual Foundations and Research Issues," *MIS Quarterly*, Vol. 25, No 1, 2001.

M. Alavi and B. Gallupe, "The Transformation of Business Education," *Creating Value Networks: Managing IT in the 21st Century*, Prentice-Hall, New York, NY, 2001.

M. Alavi, "Organizational Knowledge Management," *Framing the Domains of IT Management Research: Glimpsing the Future through the Past*, Pinneflex Educational Resources, Cincinnati, OH, 2000.

M. Alavi and J. Palmer, "Use Technology as a Catalyst for Organizational Change." *Handbook of Principles of Organization Behavior*. Blackwell Publishing, Oxford, UK, 2000.

M. Alavi and B. Haley, "Knowledge Management Systems: Implications for Data Warehousing," *Journal of Data Warehousing*, Vol. 4, No. 1, Spring 1999.

M. Alavi, "Group Support Systems: Technologies and Application," *Encyclopedia of Microcomputers*, Vol. 24, 1999.

M. Alavi and D., Leidner, "Knowledge Management Systems: Issues, Challenges, and Benefits," *Communications of the Association for Information Systems*, Vol., 1, No 2, 1999.

Reprinted in: "*Knowledge Management Systems: Theory and Practice*," Thompson Learning, New York, NY, 2002.

- M. Alavi and D. Leidner, "Knowledge Management Systems: Emerging Views and Practices From the Field." in *Proceedings of the Thirty-Second Hawaii International Conference on Systems Sciences*, Kona, Hawaii, January 1999. Runner-up for the Best Paper Award.
- M. Alavi, "Dancing with Change: Higher Education's Transition to Information Age," *Essays in Quality Learning*, University of Maryland, College Park, MD, 1998.
- B. Shneiderman, E. Borkowski, M. Alavi, and K. Norman, "Emerging Patterns of Teaching/Learning in Electronic Classroom," *Education Technology Research & Development*, Vol. 46, No. 4, December 1998.
- M. Alavi, Y. Yoo, and D. R. Vogel, "Using Information Technology to Add Value to Management Education," *Academy of Management Journal*, Vol. 40, No. 6, December 1997.
- M. Alavi, "KPMG Peat Marwick U.S.: One Giant Brain," Harvard Business School Case Publishing, Boston, MA, 9-397-108, 1997.
- E. Locke, M. Alavi, and R. Wagner III, "Participation in Decision Making: An Information Exchange Perspective," *Research in Personnel and Human Resources Management*, Vol. 15, JAE Press, 1997.
- B. Wheeler, M. Alavi, and J. Valacich, "Collins, Inc. and National Home Foods: Looking for Interorganizational Linkages in the Grocery Industry (B)," *Management Information Case Series*, Prentice Hall, Upper Saddle River, NJ, 1997.
- B. Wheeler, M. Alavi, and J. Valacich, "Collins, Inc. and National Home Foods: Looking for Interorganizational Linkages in the Grocery Industry (A)," *Management Information Case Series*, Prentice Hall, Upper Saddle River, NJ, 1997.
- M. Alavi, "Dick Tracy's Office – Business Applications of Wireless Technologies." *Emerging World of Wireless Communications Annual Review*, Institute for Information Studies/Aspen Institute, Aspen, CO, 1996.
- B. Shneiderman, M. Alavi, K. Norman, and E. Yu, "Windows of Opportunity in Electronic Classrooms," *Communication of the ACM*, Vol. 38, No. 11, November 1995.
- M. Alavi, B. Wheeler, and J. Valacich, "Using IT to Reengineer Business Education: An Exploratory Investigation of Collaborative Telelearning," *MIS Quarterly*, Vol. 19, No. 3, September 1995.
- M. Alavi and Y. Yoo, "Productivity Gains of BPR," *Information Systems Management*, Fall 1995.
- B. Wheeler, J. Valacich, M. Alavi, and D. Vogel, "A Framework for Technology-Mediated Inter-Organizational Telelearning Relationships," *Journal of Computer-Mediated Communication*, Vol. 1, No. 1, Spring 1995.

B. Wheeler, J. Valacich, and M. Alavi, "The Emergence of Desktop Videoconferencing for Collaborative Work." in *Proceedings of the Twenty-Eighth Hawaii International Conference on Systems Science*, Kona, Hawaii, January 1995.

M. Alavi and E. Joachimsthaler, "Revisiting DSS Implementation Research: A Meta-Analysis of the Literature and Suggestions for Researchers," *MIS Quarterly*, Vol. 16, No. 1, March 1992.

M. Alavi, "Computer Mediated Collaborative Learning: An Empirical Evaluation," *MIS Quarterly*, Vol. 18, No. 2, June 1994.

M. Alavi, "Steps Toward Making CASE an Organizational Reality," *Journal of Information Systems Management*, Vol. 10, No. 2, Spring 1993.

M. Alavi, "An Assessment of Electronic Meeting Systems in a Corporate Setting," *Information and Management*, Vol. 25, 1993.

M. Alavi and P. Carlson, "A Review of MIS Research and Disciplinary Development," *Journal of Management Information Systems*, Vol. 8, No. 4, Spring 1992.

B. Bowman, M. Alavi, and R. Scamell, "The Development of Computer Applications by End-Users: Some Relationships between Development Controls and Application Quality." in *Proceedings of the International Decision Science Institute Conference*, Brussels, Belgium, 1991.

M. Alavi and J. C. Wetherbe, "Mixing Prototyping and Data Modeling for Information Systems Design," *IEEE Software*, Vol. 8, No. 3, 1991.

M. Alavi, "GDSS: A Key to Business Team Productivity," *Journal of Information Systems Management*, Summer 1991.

M. Alavi and G. Young, "Information Technology in an International Enterprise: An Organizing Framework," in *The Global Issues of Information Technology Management*, Idea Groups, Harrisburg, PA, 1991.

M. Alavi, J. Phillips, and S. Freedman, "An Empirical Investigation of Two Alternative Approaches to the Control of End-User Application Development Process," *Data Base*, Vol. 20, No. 4, Winter 1990.

M. Alavi and N. Umanath, "Application Software Prototyping," *Encyclopedia of Computer Science and Technology*, Vol. 21, No. 6, 1990.

M. Alavi and P. Carlson, "The Ecology of IS Research: 1968-1988," in *Proceedings of the Tenth International Conference on Information Systems*, Boston, MA, 1989.

M. Alavi and P.G.W. Keen, "Business Teams in an Information Age," *Information Society*, Vol. 6, No. 4, 1989.

M. Alavi, "Software Upgrade: Confronting the Issues" in *Handbook of Manufacturing Automation and Integration*, Auerbach Publishing, New York, NY, 1989.

M. Alavi, "Application Prototyping," in *Systems Development Management*, Auerbach Publishers, New York, NY, 1989.

M. Alavi, R. Nelson, and I. Weiss, "Managing End-User Computing as a Value-Added Resource," *Journal of Information Systems Management*, Spring 1988.

M. Alavi, R. Nelson, and I. Weiss, "Strategies for End-User Computing: An Integrative Framework," *Journal of Management Information Systems*, Vol. 4, No. 3, Winter 1987-1988.

M. Alavi, R. Nelson, and I. Weiss, "The Management of End-User Computing: Critical Attributes for Organizational Success" in *Proceedings of the Twentieth Hawaii International Conference on Systems Sciences*, Kona, Hawaii, January 6-9, 1987.
Reprinted in *End-User Computing: Concepts, Issues, and Applications*, John Wiley and Sons, Englewood Cliffs, NJ, 1989.

M. Alavi, J. Phillip, and S. Freedman, "Strategies for Control of End-User Computing: Impact on End-Users," in *Proceedings of the Seventh International Conference on Information Systems*, San Diego, CA, December 1986.

M. Alavi, "User-Developed Decision Support Systems: Steps Toward Quality Control," in *Managers, Micros, and Mainframes*, John Wiley and Sons, Chichester, NY, 1986.

M. Alavi and I. Weiss, "Managing the Risks Associated with End-User Computing," *Journal of Management Information Systems*, Vol. 2, No. 3, Winter 1985.

M. Alavi, "High Productivity Alternatives for Application Software Development," *Journal of Information Systems Management*, Vol. 2, No. 4, Fall 1985.

M. Alavi, "Steps Toward Quality Control of End-User DSS," in *Proceedings of the NYU Symposium on End-User Computing*, New York, NY, May 22-24, 1985.

M. Alavi, "Some Thoughts on Quality Issues of End-User Development Systems," in *Proceedings of the 21st ACM/SIGBDP Conference on Data Processing Personnel*, Minneapolis, MN, May 2-4, 1985.

M. Alavi, "End-User Computing: The MIS Manager's Perspective," *Information and Management*, Vol. 8, 1985.

M. Alavi and B. Khumawala, "MRP Implementation: MIS and Behavioral Perspectives," *Advances in Management Studies*, Vol. 4, No. 1, 1985.

M. Alavi, "Microcomputers and Small Manufacturing: A Strategy for Acquisition," *P&IM Review*, Vol. 5, No. 1, January 1985.

M. Alavi, "An Assessment of the Prototyping Approach to Application Systems Development," *Communication of the ACM*, Vol. 27, No. 6, June 1984.
Reprinted in: *New Paradigms for Software Development*, W. M. Agresti (ed.), IEEE Computer Society, 1988.

M. Alavi, "The Evolution of Information Systems Development Approaches: Some Field Observations," *Data Base*, Vol. 14, No. 1, Spring 1984.

M. Alavi and N. H. Napier, "An Experiment in Applying the Adaptive Design Approach to DSS Development," *Information and Management*, Vol. 7, No. 1, January 1984. Reprinted in *Decision Support Systems: Putting Theory into Practice*, R. Sprague and H. Watson (eds.), John Wiley and Sons, Englewood Cliffs, NJ, 1986.

M. Alavi, "MRP Implementation: A Practical Experience," in *Proceedings of Decision Science Institute National Meeting*, San Francisco, CA, November 1982.

M. Alavi and J. C. Wetherbe, "Reducing Complexity in Information Requirements Planning," *Systems, Objectives, Solutions*, Vol. 2, No. 3, 1982.

M. Alavi, "An Assessment of the Concept of Decision Support Systems as Viewed by Senior-Level Executives," *MIS Quarterly*, Vol. 6, No. 4, December 1982.

M. Alavi and J. C. Henderson, "An Evolutionary Strategy for Implementing a DSS," *Management Science*, Vol. 27, No. 11, November 1981.

Edited Volumes

M. Alavi and H. Oppeland (eds.), *Proceedings of the Eleventh International Conference on Information Systems*, Copenhagen, Denmark, December 1990

EDITORIAL POSITIONS

EDITOR

MIS Interactions, TIMS College on Information Systems Newsletter, 1986-1988

ASSOCIATE EDITOR

Strategic Information Systems, 1991- present

Information Systems Research, 1991- 2005

Journal of Management Information Systems, 1985- present

Information and Management, 1995- 1997

Data Base, 1990- 1993

MIS Quarterly, 1987- 1990

ADVISORY BOARDS

- Center for Knowledge-Based Enterprise, School of Business, Queen's University, Kingston, Ontario, Canada, 2004- present
- Georgia Technology Authority, Atlanta, Georgia, a statutory board, appointed by the Governor of Georgia, 2004- present
- Cisco Educational Grant, Indiana University, Bloomington, Indiana, 2004- 2005

AWARDS AND HONORS

- Alan Krowe Award in Teaching Innovation, Robert H. Smith School of Business, University of Maryland, College Park, 1994.
- Distinguished Scholar-Teacher Award, University of Maryland, College Park, 1994-1995.
- Alan Krowe Award in Teaching Innovation, Robert H. Smith School of Business, University of Maryland, College Park, 1996.
- Marvin Bower Faculty Fellowship, Graduate School of Business, Harvard University, 1996-1997.
- Outstanding Service Award, Robert H Smith School of Business, University of Maryland, College Park, 1998.
- Inducted as an AIS Fellow, 2000.
The award was established by the Council of the Association for Information Systems (the global professional association of the Information Systems faculty). The purpose of the award is to recognize individuals who have made outstanding contributions to the Information Systems discipline in terms of research, teaching and service. AIS Fellows are elected by a committee of peers and are expected to be a role model and an inspiration to colleagues and students within the discipline. AIS Fellows should be esteemed for their high levels of professional and personal integrity.
- Keough Award of Excellence, Goizueta Business School, Emory University, 2005.
- Hooker Distinguished Visiting Professor, McMaster University, September 30 – October 2, 2008.

RECENT CONSULTING ACTIVITIES

- AACSB - The International Association for Management Education
- AT&T
- The American Academy of Physicians
- The Aspen Institute
- The Environmental Protection Agency
- General Accounting Office
- KPMG Peat Marwick, USA
- Lucent Technologies
- IBM

- Marriott Corporation
- Stevens Institute
- Sodexo
- The World Bank
- U.S. Department of Agriculture

INTERNATIONAL EXPERIENCE

“Information Technology and New Organizational Forms,” Invited presentation at CERAM, Groupe D’Enseignement Supérieur, Chambre de Commerce et D’Industrie Nice Côte D’Azur, Nice, France, May 1994

Executive Development Program, “The New Promises and Challenges of Information Technology,” Seoul National University, Seoul, Korea, November 1994

Instructor in the faculty development workshops, “Teaching and Learning with Technology.” SDT Bocconi University, Milan, Italy, June 1996 and December 1996

Distinguished Scholar Seminar Series on Learning and Knowledge Management, City University of Hong Kong, Hong Kong, May 1998

Faculty member in the European doctoral student seminar, “Conceptual and Theoretical Foundations of Knowledge Management Systems,” Copenhagen Business School, Copenhagen, Denmark, Spring 1999

Distinguished Visiting Scholar, Center for Knowledge-Based Enterprise, School of Business, Queen’s University, Kingston, Ontario, Canada, August 2002

Executive Development Program, International Management Education/USAID, Cairo, Egypt, 2003, 2004, 2006

EDUCATION

- Ph.D. Management Information Systems, Ohio State University, Columbus, Ohio
Dissertation Title: "A Study of MIS Design Variables: Decision Styles and Decision Aiding Strategies"
- M.S. Computer and Information Systems, Ohio State University, Columbus, Ohio
Thesis title: "Design of an On-line Telecommunication Systems for Storage and Retrieval of Bibliographic Data"
- B.A. Mathematics and Computer Science, State University of New York, Buffalo, New York