
Daniel J. Power

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Professor of Information Systems and Management
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Academic Degrees

Ph.D. Business Administration, University of Wisconsin - Madison, December 1982.

- Major: Strategic Management and Decision Analysis
- Minor: Information Systems Analysis and Design
- Ph.D. Dissertation: Acquiring Small and Medium-sized Companies: A Study of Corporate Decision Behavior. Available at: <http://works.bepress.com/daniel-power/55/>

M.B.A. University of Wisconsin - Madison, 1981.

M.A. Business Administration, University of Iowa, December 1977.

- Major: Management Systems
- Minor: Quantitative Methods
- Master's Thesis: Design and Development of DECAID: A CAL Decision Formulation Program. Available at: <https://ir.uiowa.edu/etd/5896/>

B.S. University of Iowa, 1974.

- Major: General Science.

Recent Academic Employment

August 1, 1989 – Current Professor of Information Systems and Management, College of Business Administration, University of Northern Iowa, Cedar Falls, IA; teach Decision Support, Analytics, and Business Intelligence; Database Management and Theory; Business Programming – Visual Basic; Information Systems Development Projects; Information Systems Applications; Introduction to Information Systems; MBA Management Information Systems Concepts; Business Policy and Strategy; MBA Strategic Planning and Organization Analysis; Operations Management; and Environment, Technology, and Society Capstone.

January 16, 1996 - July 31, 1996 Acting Dean, College of Business Administration, University of Northern Iowa, Cedar Falls, IA; managed a college with 5 academic departments and an active external services division; 65 faculty members; approximate budget \$7 million.

August 1989 - January 1996 Department Head, Department of Management, College of Business Administration, University of Northern Iowa, Cedar Falls, IA; managed a diverse department of 24 faculty; taught Management and Information Systems courses.

January 1991 - August 1996; January 2008 – December 2008 Director of the Information Systems Research Lab (ISRL), College of Business Administration, University of Northern Iowa, Cedar Falls, IA. Guided student research and responsible for fund-raising and vendor software donations.

Spring 1988 - August 1989 Director of the Office of Computing Services (OCS), College of Business, University of Maryland-College Park. Designed and supervised installation of LAN wiring, Novell network, created organization and supervised 5 FTE staff.

January 1986 - August 1989 Director of the Maryland Management Support Systems Research Lab, University of Maryland, College of Business and Management. Guided student research and responsible for fund-raising and vendor software donations.

August 1987 - August 1989 Associate Professor, College of Business and Management, University of Maryland-College Park; Taught Decision Support Systems, Management Planning and Control Systems and Strategic Management. Received tenure in 1987.

January 1982 - August 1987 Assistant Professor, College of Business and Management, University of Maryland-College Park. Taught Decision Support Systems, Management Planning and Control and Strategic Management.

Other Professional Activities/Employment

April 30 – May 30, 2018. Visiting Scholar, University College-Dublin, Dublin, Ireland. URL <http://www.ucd.ie/>

January 2014 – Current. Founding Editor-in-Chief of the Journal of the Midwest Association for Information Systems (JMWAIS). It is a double-blind, peer-reviewed, quality focused, and open-access online journal (<http://jmwaiss.org/>). Check <https://doi.org/10.17705/3jmwa>.

October 2014 – October 2018. Senior Editor *Oxford Research Encyclopedia of Business and Management*, Oxford University Press at <https://global.oup.com/academic/online/orehub>.

1999 – Current. Editor of DSSResources.COM, a knowledge repository about computerized systems that support decision-making. Editor of the e-newsletter Decision Support News and author of a bi-weekly column with a circulation of approximately 1500 subscribers in more than 50 countries. Busiest month: Mar 2017 (2,439,204 requests for pages).

May 2004 – Current. Editor of PlanningSkills.com, a web-based knowledge repository.

December 2008 – Current. Information Systems Collection Editor for Business Expert Press (<http://businessexpertpress.com>).

August 2007-2012. Decision Support Expert and Blogger, Business Intelligence Network.

March 2008 – August 2009. Executive Director of Iowa Metaverse, Inc., a Nonprofit Iowa 501(c)(3) corporation. Developed and managed the island Iowa in Second Life.

December 19, 2005 – January 6, 2006. Visiting Scholar, Information Systems group at National Sun Yat-Sen University, Kaohsiung, Taiwan.

Summer 2003. Visiting Summer Faculty Research Fellow, U. S. Air Force Research Lab Information Institute, Information Systems Directorate, Collaborative Simulation Lab, Dayton, OH. Research on Military Decision Support.

December 16, 2002 - December 19, 2002. Visiting Professor, Moscow State Linguistic University, 38, Ostozhenka Ul. 119034, Moscow, GSP, Russia. Lectured on Decision Support Systems.

Sept. 30, 2001 – Oct. 12, 2001; Oct. 1, 2004 – Oct. 14, 2004; Aug. 11-24, 2006; Aug. 8-18, 2008; Jan. 25, 2012-Feb. 6, 2012; March 13-24, 2014; May 16-25, 2014 (Guangzhou); Aug. 8-August. 18, 2015; Dec. 7-Dec.19, 2016. Professor, University of Northern Iowa MBA program in Hong Kong, China. Taught Management Information Systems Concepts or Strategic Planning and Organization Analysis.

December 13, 1997 - December 30, 1997; June 4, 2001 - June 15, 2001. Visiting Professor, American Accounting and Business Program, Moscow State Linguistic University, 38, Ostozhenka Ul., 119034, Moscow, GSP, Russia. Taught Business Strategy.

June 8 - June 30, 1999. Foreign Expert and Visiting Lecturer on Decision Support Systems and Web Technologies at: Hefei Institute of Economics and Technology, Hefei University of Technology, NanKai University, Shandong University of Building Materials, Tianjin University of Commerce, University of Science and Technology of China.

1990 – 1996. Independent member, Board of Directors, Younkers Credit Corporation, Inc. (known previously as Younkers Funding Corporation). We managed a \$100 million credit card receivables operation.

December 13, 1996 - January 3, 1997; and May 18-30, 1997. Visiting Professor, Hebei Teacher's University (HTU), Shijiazhuang, China. Taught Information Systems. Assisted with UNI May 1997 study tour to HTU.

March 6 - 28, 1993. Visiting Professor, International Business Economics program, Aalborg University, Aalborg, Denmark. Taught a short course on Decision Making and Decision Support Systems.

May 29 - June 9, 1992. Visiting Scholar, University College-Dublin, Dublin, Ireland. Lectured on Decision Support Systems.

November 1985 – Visiting Researcher, University of Illinois Urbana-Champaign, Illinois, Research on decision aids and information search for acquisitions.

September 16-27, 1985 – Participant **NATO** Advanced Study Institute on Intelligent Decision Support in Process Environments, San Miniato, Italy.

Books

Power, D. J. and C. Heavin, **Data-based Decision Making and Digital Transformation**, New York, NY: Business Expert Press, 5/31/2018 ISBN 9781631576591.

Power, D. J. and C. Heavin, **Decision Support, Analytics and Business Intelligence (3rd Edition)**, New York, NY: Business Expert Press, June 2017 ISBN 9781631573910 at URL <http://www.businessexpertpress.com/books/booksdecision-support-analytics-and-business-intelligence-3rd-edition/>

Iyer, L.S. and D. J. Power, (Eds.) **Reshaping Society through Analytics, Collaboration, and Decision Support**, *Annals of Information Systems*, Vol. 18, New York: Springer, 2015, ISBN 978-3-319-11574-0.

Power, D. J. (Ed.), **Engineering Effective Decision Support Technologies: New Models and Applications**, IGI Global, May 2013. ISBN13: 9781466640023, URL <http://www.igi-global.com/book/engineering-effective-decision-support-technologies/73570> .

Power, D. J., **Decision Support, Analytics and Business Intelligence**, New York, NY: Business Expert Press, 2013, ISBN: 978-1-60649-082-2, URL <http://businessexpertpress.com/books/decision-support-analytics-and-business-intelligence>.

Schuff, D, D. Paradice, F. Burstein, D.J. Power, R. Sharda, (Eds.) **Decision Support: An examination of the DSS Discipline**, *Annals of Information Systems*, Vol. 14, New York: Springer, 2011, ISBN 978-1-4419-6180-8.

Power, D. J., **Decision Support Basics**, New York, NY: Business Expert Press, 2009, ISBN: 978-1-60649-082-2, URL <http://businessexpertpress.com/books/decision-support-basics>.

Kulkarni , U., D. J. Power, and R. Sharda (Eds), **Decision Support for Global Enterprises**, *Annals of Information Systems*, Vol. 2, New York: Springer, 2007, ISSN: 1934-3221.

Power, D. J., **Decision Support Systems: Frequently Asked Questions**, Lincoln, NE: iUniverse, 2005, ISBN: 0595670458.

Power, D. J., **Decision Support Systems: Concepts and Resources for Managers**, Westport, CT: Greenwood/Quorum Books, 2002, ISBN: 156720497X. See <https://scholarworks.uni.edu/facbook/67>

Power, D. J., Gannon, M., McGinnis, M. and Schweiger, D., **Strategic Management Skills**, Reading, MA: Addison-Wesley, 1986, ISBN: 0201139782.

Book Chapters

Power, D. J. Computerized Decision Support Case Study Research: Concepts and Suggestions, in Paphanasiou, J., Ploskas, N. & Linden, I. (Eds.), *Real-World Decision Support Systems: Case Studies*, Springer International Publishing Switzerland, 2016 pp. 1–13 at URL www.springer.com/us/book/9783319439150.

Power, D. J. ‘Big Data’ Decision Making Use Cases, in B. Delibašić et al. (Eds.): *ICDSST 2015, LNBIP Vol. 216*, Springer International Publishing Switzerland, 2015 pp. 1–9.

Power, D. J. Creating a Data-Driven Global Society, in Iyer, L. and D.J. Power, (Eds.) *Reshaping Society through Analytics, Collaboration, and Decision Support*, *Annals of Information Systems*, Vol. 18, New York: Springer, 2015, pp. 13-28.

Power, D. J. , R. Sharda and F. Burstein, Decision Support Systems, in Straub, D and R. Welke (eds.) **Wiley Encyclopedia of Management: Management Information Systems** (3rd edition), Vol. 7, January 2015, ISBN-13: 978-1119972518.

Power, D. J. and R. Sharda, Business Intelligence and Analytics, in Straub, D and R. Welke (eds.) **Wiley Encyclopedia of Management: Management Information Systems** (3rd edition), Vol. 7, January 2015, ISBN-13: 978-1119972518.

Power, D. J., Decision Improvement Technologies, In Pashler, H. (Ed.) **Encyclopedia of the Mind**, Sage Publications, Inc., January 2013, pp. 211-214 DOI: <http://dx.doi.org/10.4135/9781452257044.n78>.

Power, D. J. Challenges of Real-Time Decision Support, in Burstein, F., P. Brézillon, and A. Zaslavsky, (Eds.) *Supporting Real Time Decision-Making: The Role of Context in Decision Support on the Move*, *Annals of Information Systems*, Vol. 13, New York: Springer, 2011, pp. 3-12.

Power, D.J., F. Burstein, and R. Sharda, Reflections on the Past and Future of Decision Support Systems: Perspective of Eleven Pioneers, in Schuff, D.; Paradise, D.; Burstein, F.; Power, D.J.; Sharda, R. (Eds.), *Decision Support: An Examination of the DSS Discipline*, *Annals of Information Systems*, Vol. 14, New York: Springer, 2011, pp. 25-48.

Power, D. J. and R. Sharda Decision Support Systems (Chapter 87), in Nof. S. (ed.) *Handbook of Automation*, Berlin: Springer, 2009, pp. 1539-1548.

Wurtz, M.S. and D.J. Power, Initial Step in Designing and Delivering Training to Enable Managers to Use the SL Environment to Support Organizational Decision-Making, **Collaborative Decision Making: Perspectives and Challenges**, editors P. Zarate, J. Belaud, G. Camilleri, and F. Ravat, IOS Press, 2008, pp. 477-484.

Power, D.J., Decision Support Systems Concept, **Encyclopedia of Decision Making and Decision Support Technologies**, in F. Adam and P. Humphreys (Eds.), IGI Global, Vol. 1, 2008, pp. 232-235.

Power, D.J. Decision Support Systems: An Historical Overview, **Handbook on Decision Support Systems**, editors F. Burstein and C. W. Holsapple, Springer, Vol. 1, 2008, pp. 121-140..

Liang, T-P., Y. OuYang and D. J. Power, Effects of Knowledge Management Capabilities on Perceived Performance: An Empirical Examination, **Annals of Information Systems**, Vol. 2, New York: Springer, 2007, pp. 139-163.

Power, D.J., R. Sharda, and U. Kulkarni, Understanding Decision Support in Global Enterprises, in Kulkarni, U.; Power, D.; Sharda, R. (Eds.), *Decision Support for Global Enterprises*, **Annals of Information Systems**, Vol. 2, New York: Springer, 2007, pp. 3-14.

Power, D. J., Decision Support Systems Concept, In Khosrow-Pour, M. (Ed.) **Encyclopedia of Information Science and Technology**, Idea Group Publishing, 2004.

Power, D. J. and S. Kaparathi, “An Examination of Inter-Organizational Decision Support Systems”, Eom, S. (Ed.) **Inter-Organizational Information Systems**, Idea Group Publishing, 2004.

Power, D. J., Defining Decision Support Constructs, in Bui, T, H. Sroka, S. Stanek, J. Goluchowski (Eds.), **DSS in the Uncertainty of the Internet Age**, Katowice, PL: Karol Adamiecki Univ. of Economics, 2003, pps. 51-61.

Kaparathi, S. and D. J. Power, Spreadsheets, In Bidgoli, H. (Ed.), **Encyclopedia of Information Systems**, Volume 4, Academic Press, 2003, pps. 171-186.

Power, D. J., Categorizing Decision Support Systems: A Multidimensional Approach, in Mora, M., G. Forgionne, and J. N. D. Gupta (Eds.), **Decision Making Support Systems: Achievements and Challenges for the New Decade**, Hershey, PA: Idea Group, 2002, pps. 20-27.

Power, D. J. and S. Kaparathi, The Changing Technological Context of Decision Support Systems, In Berkeley, D., G. Widmeyer, P. Brezillion and V. Rajkovic (Eds.), **Context-Sensitive Decision Support Systems**, London: Chapman and Hall, 1998, pps. 42-54.

Power, D.J., Anticipating Organization Structures, in Hage, J. (Ed.), **Futures of Organizations**, New York: Lexington Books, June 1988, pps. 67-79.

Golden, B., A. Hevner, D. Power and E. Wasil, Decision Insight Systems for Microcomputers: An Overview, In Gass, S. I. et al. (Eds.), **Impacts of Microcomputers on Operations Research**, New York: North-Holland, 1986, pps. 172-179.

Power, D.J., Using the Symptoms, Problems and Treatment Framework to Structure Knowledge for Management Expert Systems, In Methlie, L. and Sprague, R. (Ed.), **Knowledge Representation for Decision Support Systems**, New York: North-Holland Publishing Co., 1985, pps. 245-254.

Articles in Academic Journals

Power, D. J., C. Heavin, J. McDermott and M. Daly, "Defining business analytics: an empirical approach," *Journal of Business Analytics*, 1:1, 2018, pp. 40-53, DOI: 10.1080/2573234X.2018.1507605

Power, D., "Data Science: Supporting Decision Making," *Journal of Decision Systems*, Vol. 25, No. 4, 2016, pp. 345-356, <https://doi.org/10.1080/12460125.2016.1171610> .

Power, D., "Using 'Big Data' for analytics and decision support," *Journal of Decision Systems*, Vol. 23, No. 2, 2014, pp. 222-228, <https://doi.org/10.1080/12460125.2014.888848>.

Power, D., "Mobile Decision Support and Business Intelligence: An Overview," *Journal of Decision Systems*, Vol. 22, No. 1, 2013, pp. 4-9, <https://doi.org/10.1080/12460125.2012.760267>.

Power, D. J. and G. Phillips-Wren "Impact of Social Media and Web 2.0 on Decision-Making," *Journal of Decision Systems*, Vol. 20, No. 3, 2011, pp. 249-261, <https://doi.org/10.3166/jds.20.249-261>.

Power, D. J., R. Roth, and R. Karsten, "Decision Support for Crisis Incidents," *International Journal of Decision Support System Technology*, Volume 3, Issue 2, 2011, pp.44-56,

Power, D.J., "Understanding Data-Driven Decision Support Systems," *Information Systems Management*, Vol. 25, Issue 3, Spring 2008, pp. 149-154, <https://doi.org/10.1080/10580530801941124> .

Bhargava, H., D. J. Power and D. Sun, "Progress in Web-based decision support technologies," *Decision Support Systems*, special issue on Web-based DSS, Vol. 43, Issue 4, August 2007, pp. 1083-1095.

- Power, D.J. and R. Sharda, "Model-Driven DSS: Concepts and Research Directions", *Decision Support Systems*, special issue on Integrated Decision Support, Vol. 43, Issue 3, April 2007, pp. 1044-1061.
- Power, D. J. and S. B. Eom, "Decision Support Systems Discipline: Achievements and Needs," *Journal of Decision Systems*, Vol. 15, No. 1, 2006, pp. 9-21, <https://doi.org/10.3166/jds.15.9-21> .
- Power, D. J., "Specifying an Expanded Framework for Classifying and Describing Decision Support Systems," *Communications of the Association for Information Systems*, Vol. 13, Article 13, February 2004, pp. 158-166.
- Power, D. J., "The Maturing IS Discipline: Institutionalizing our Domain of Inquiry," *Communications of the Association for Information Systems*, Vol. 12 Article 32, November 2003, pp. 539-545.
- Power, D. J. and S. Kaparathi, "Building Web-based Decision Support Systems," *Studies in Informatics and Control*, Vol. 11, No. 4, December 2002, pp. 291-302.
- Ragsdale, C., D. J. Power, and P. K. Bergey, "Spreadsheet-Based DSS Curriculum Issues," *Communications of the Association for Information Systems*, Vol. 9, Article 21, November 2002, pp. 356-365.
- Shim, J. P., M. Warkentin, J. F. Courtney, D. J. Power, R. Sharda, and C. Carlsson, "Past, Present, and Future of Decision Support Technology," *Decision Support Systems*, special issue "DSS: Directions for the Next Decade", Vol. 33, No. 2, 2002, pp. 111-126.
- Power, D. J., S. Kaparathi, and R. Karsten. "Emerging Decision Support Technologies: An Historical Perspective," *Journal of Decision Systems*, Vol. 10, No. 2, 2001, pp. 133-148, <https://doi.org/10.3166/jds.10.133-147> .
- Power, D. J., "A History of Microcomputer Spreadsheets," *Communications of the Association for Information Systems*, Vol. 4, Article 9, October, 2000, pp. 154-162.
- Power, D. J., "Finding DSS Resources on the World-Wide Web," *Journal of Decision Systems*, Vol. 7, 1998, pp. 7-20, <https://doi.org/10.1080/12460125.1998.10511740> .
- Power, D.J., S. Meyeraan, and R. J. Aldag, "Impacts of Problem Structure and Computerized Decision Aids on Decision Attitudes and Behaviors," *Information and Management*, 1994, 26, pp. 281-294.
- Wood, W., D. J. Power, R. Roth, and L. Duclos, "A Strategy for Strengthening Information Systems Instructional Programs: Student-Oriented Research Labs," *Journal of Computer Information Systems*, Summer 1994, Vol. XXXIV (4), pp. 21-25..
- Power, D.J., R. Roth, and R. J. Aldag, "A Review of Decision-Aiding Software: A Management Education Perspective" *Journal of Management Education*, November 1993, 17(4), pp. 520-529.
- Roth, R., W. Wood, II, R. Hahm, and D.J. Power, "Building Group Decision Support Rooms Using 'Off-the-Shelf' Computing Resources: Prospects and Issues," *Data Base*, June 1993, 24(2), pp. 21-31.
- Power, D.J., "Management Support Software: What Are Your Options?" *Journal of Systems Management*, August 1990, 41(8), pp. 32-37.
- Aldag, R.J. and D. J. Power, "An Empirical Assessment of Computer-Assisted Decision Analysis," *Decision Sciences*, 1986, 17(4), pp. 572-588.

Golden, B., A. Hevner, and D. J. Power, "Decision insight systems for microcomputers: A critical evaluation," *Computers and Operations Research*, 1986, 13(2/3), pp. 287-300.

Huber, G. P. and D. J. Power, "Retrospective Reports of Strategic-Level Managers: Guidelines for Increasing Their Accuracy," *Strategic Management Journal*, April-June 1985, 6(2), pp. 171-180.

Power, D.J. and A. R. Hevner, "Executive Workstations: Issues and Requirement," *Information and Management*, April 1985, 8(4), pp. 213-220.

Power, D.J. and R.J. Aldag, "Soelberg's Job Search and Choice Model: A Clarification, Review, and Critique," *Academy of Management Review*, January 1985, 10(1), pp. 48-58.

Paine, F.T. and D.J. Power, "Merger Strategy: An Examination of Drucker's Five Rules for Successful Acquisitions," *Strategic Management Journal*, April/June 1984, pp. 99-110.
<https://doi.org/10.1002/smj.4250050202>

Power, D.J., "The Impact of Information Management on the Organization: Two Scenarios," *MIS Quarterly*, September 1983, 7(3), pp. 13-20.

Brief, A.P., R.J. Aldag, A.L. Darrow, and D.J. Power, "Examination of Responses of Registered Nurses to Manifest Needs Questionnaire," *Psychological Reports*, 1980, 46, pp. 1233-1234.

Practitioner Articles

Connerley, M. L., A. Mitra and D. J. Power, "Problems Assessing Soft Skills In Human Resource Decision Making," *WorldatWork Journal*, Volume 22, No. 2, Second Quarter 2019, pp. 16-25.

Power, D. J. and C. Heavin, "Decision Automation Challenges and Opportunities," **Cutter Business Technology Journal** issue titled "The Next Frontier in Automation: Opportunities, Challenges, and Impact," Guest Editor San Murugeson, February 2019 issue Vol. 32, No. 2 at URL <https://www.cutter.com/article/decision-automation-challenges-and-opportunities-502546>.

Power, D. J. and C. Heavin, "Digital Business: Using Data in Decision Making," **Cutter Business Technology Journal** issue titled "Building a Digital Business Starts with a Data Warehouse," Guest Editor Barry Devlin, September 2018 issue, Vol. 31, No. 9 at URL <https://www.cutter.com/article/digital-business-using-data-decision-making-501126>.

Mitra, A. and D. J. Power, "Digital Transformation, IT Professionals, Compensation and Retention," *WorldatWork Journal*, Volume 21, No. 1, First Quarter 2018.

Power, D. and A. Mitra, "Reducing 'Bad' Strategic Business Decisions," *Drake Management Review*, Vol. 5, Issues 1/2 October 2016, pp. 15-21, URL <http://faculty.cbpa.drake.edu/dmr/0512/DMR051202V.pdf>.

Power, D.J. "Data Warehousing 101," Bill Inmon eNewsletter, Business Intelligence Network, March 18, 2010, URL <http://www.b-eye-network.com/view/12929>.

Power, D.J. "Decision Support System Outputs," Bill Inmon eNewsletter, Business Intelligence Network, November 11, 2009, URL <http://www.b-eye-network.com/view/11973>.

Power, D.J. "Monitoring Performance with Dashboards," Bill Inmon eNewsletter, Business Intelligence Network, October 8, 2009, URL <http://www.b-eye-network.com/view/11489>.

Power, D.J. "Executive Information Systems Revisited," Bill Inmon eNewsletter, Business Intelligence Network, June 11, 2009, URL <http://www.b-eye-network.com/view/10498>.

Power, D.J. "Decision Support Project Management," Bill Inmon eNewsletter, Business Intelligence Network, January 22, 2009, URL <http://www.b-eye-network.com/view/9514>.

Power, D.J. "Data Warehouses, Schemas and Decision Support Basics," Bill Inmon eNewsletter, Business Intelligence Network, September 25, 2008.

Power, D.J. "Common Decision Support System Architectural Patterns," Bill Inmon eNewsletter, Business Intelligence Network, June 5, 2008.

Power, D.J. "Identifying Opportunities to Create Innovative Decision Support Systems," Bill Inmon eNewsletter, Business Intelligence Network, March 27, 2008.

Power, D.J. "Formative and Summative Decision Support System Evaluation," Bill Inmon eNewsletter, Business Intelligence Network, February 14, 2008.

Power, D.J. "Gaining Competitive Advantage with Computerized Decision Support," Bill Inmon eNewsletter, Business Intelligence Network, December 6, 2007.

Power, D.J. "Keep an Eye on the Decision Support Prize," Bill Inmon eNewsletter, Business Intelligence Network, October 11, 2007.

Power, D.J. "A Framework for Understanding Computerized Decision Support," Bill Inmon eNewsletter, Business Intelligence Network, September 13, 2007.

Power, D. J. "Web-based Decision Support Systems", Part I and II. DS*, The On-Line Executive Journal for Data-Intensive Decision Support, August 18 and 25, 1998: Vol. 2, Nos. 33 and 34.

Power, D. J. "Justifying a Data Warehouse Project", Part I and II. DS*, The On-Line Executive Journal for Data-Intensive Decision Support, February 3 and 10, 1998: Vol. 2, Nos. 5 and 6.

Power, D. J. "Tips for Choosing Enterprise-wide DSS Software" originally published in DSSStar, The On-Line Executive Journal for Data-Intensive Decision Support, November 18, 1997: Vol. 1, No. 7.

Power, D. J. "What is a DSS?" originally published in DSSStar, The On-Line Executive Journal for Data-Intensive Decision Support, October 21, 1997: Vol. 1, No. 3. Also, available in a Chinese version prepared and translated by Jian Zhou.

Power, D.J. Acquisition Decision Making. Mergers & Acquisitions, August 1983, 18(2), 63-65.

Papers in Refereed Academic Proceedings

Power, D.J., S. Kaparthy, and A. Mann "Building Decision Adviser Bots," accepted for *Proceeding of the 14th Annual Midwest United States Association for Information Systems conference*, Oshkosh, WI, May 21-22, 2019.

Power, D. J., D. Cyphert, and R. Roth, "Analytics, evidence, and the quest for rational decision making," *Decision Sciences Institute Annual meeting proceedings* at URL <https://decisionsciences.org/wp-content/uploads/2019/02/dsi-2018-proceedings.pdf> Chicago, IL, November 2018, pp. 306-319.

Power, D. J., D. Cyphert, and R. Roth, "Analytics and Evidence-Based Decision Making," Americas Conference on Information Systems (AMCIS) proceeding, New Orleans, LA, August 2018.

Heavin, C. and D. J. Power, "Challenges for Digital Transformation - Towards a Conceptual Decision Support Guide for Managers," *Journal of Decision Systems*, Volume 27, 2018 - Issue sup1: IFIP DSS 2018: DSS Research Delivering High Impacts to Business and Society, Pages 38-45 at <https://doi.org/10.1080/12460125.2018.1468697>

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Power, D.J. and M. L. Power, "Sharing and Analyzing Data to Reduce Insurance Fraud," *Proceeding of the 2015 Midwest United States Association for Information Systems conference*, Pittsburg State University, May 14-15, 2015, paper 19. at URL <http://aisel.aisnet.org/mwais2015/19>.

Power, D.J., "Data Science: Supporting Decision Making," *Proceeding of the International Conference On Big Data & Analytics for Business conference*, Delhi, IN, December 28-29, 2014.

Power, D.J., "Using Big Data for Analytics and Decision Support," *Proceeding of the Midwest United States Association for Information Systems conference*, Normal, IL, May 24-25, 2013, at URL <http://aisel.aisnet.org/mwais2013/>.

Power, D. J. and M.L. Power, "Using Decision Support Systems to Help Implement the Basel Accords," *2011 Decision Sciences Institute Proceedings*, Nov. 19 - 22, 2011, Boston, MA.

Power, D. J., R. Roth and R. Karsten, "Decision Support for Crisis Incidents," *2010 Decision Sciences Institute Proceedings*, Nov. 20 - 23, 2010, San Diego, California.

Power, D., M.S. Wurtz, D. Cyphert, and L. Ducloss "Building Virtual Iowa in Second Life: A Case Study," In Deokar, A. & Strader, T. (Ed.). Madison, SD: Research in Progress. *Midwest Association for Information Systems, eProceedings*, May 2009.

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Power, D.J., and M. S. Wurtz, "Using a Virtual World to Provide Real World Decision Support," *Proceedings of the Decision Sciences Institute 2008 annual meeting*, Baltimore, MD, November 22-25, 2008, pp. 5581-5586.

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Vician, C. and D.J. Power, "Participant Observation of Virtual Decision-Making Meetings: A Longitudinal Exploration," *Proceeding of the Midwest United States Association for Information Systems Inaugural conference*, Grand Rapids, MI, May 5-6, 2006, pp. 136-140.

Eom, S. and D.J. Power, Decision Support Systems: Achievement, Needs and the Next Generation of DSS Artifacts, *Proceedings of the 8th Conference of the International Society for Decision Support Systems*, AIS SIG DSS, Porto Alegre, Brazil, July 2005.

Power, D. J., Decision Support Systems: From the Past to the Future. *Proceedings of the 2004 Americas Conference on Information Systems*, New York, NY, August 6-8, 2004, pp. 2025-2031.

Bhargava, H., and D. J. Power. Decision Support Systems and Web Technologies: A Status Report. *Proceedings of the 2001 Americas Conference on Information Systems*, Boston, MA, August 3 - 5, 2001, pp. 229-235.

Power, D. J. Supporting Decision-Makers: An Expanded Framework. In Harriger, A. (Editor), e-Proceedings (ISSN 1535-0703), *2001 Informing Science Conference*, Krakow, Poland, June 19-22, 2001, pp. 431-436.

Power, D. J. Web-Based and Model-Driven Decision Support Systems: Concepts and Issues. *Proceedings of the 2000 Americas Conference on Information Systems*, Long Beach, CA, August 2000, pp. 352-355.

Power, D.J. and R. Roth. Issues in Designing and Using Web-Based Teaching Cases. *Proceedings of the 1999 Americas Conference on Information Systems*, August 1999, Milwaukee, WI, pp. 936-938.

Power, D. J. Decision Support Systems Glossary. Appendix in Proceedings of the Workshop "Development of Biological Decision Support Systems for resource Managers", Denver, CO, October 27-29, 1998, pps. 21-29.

Wood, W.C. II, D. J. Power, R. Roth and L. Duclos. A Strategy for Strengthening Information Systems Degree Programs: A Student-Oriented Research Lab Approach. *Proceedings of the 8th Annual Conference of the International Academy for Information Management*, December 3-5, 1993, Orlando, FL.

Roth, R., W. C. Wood II, R. Hahm and D. J. Power. Building Group Decision Support Rooms Using "Off-the-Shelf" Computing Resources: Prospects and Issues. *Proceedings of the 12th International Conference on Decision Support Systems*, June 8-10, 1992, Chicago, IL, pp. 147-155.

Power, D.J. Aligning Organization Structures and Information Technologies. *Proceedings of the Information Resources Management Association 1992 International Conference*, May 1992.

Power, D.J., M. S. Rueschhoff and B. Valde. An Overview of PC-Based Human Resource Management Software. *Proceedings of the Midwest Decision Sciences Institute meeting*, Kansas City, MO, May 1992.

Power, D.J., R. Roth and R. Aldag. Computer-Aided Planning and Decision Making: A Tool for Business Case Analysis? *Proceedings of the Midwest Society for Case Research meeting*, Chicago, IL, March 1991.

Power, D.J. Management Support Software: A Discussion and Critique. *Proceedings of the Midwest Decision Sciences Institute*, May 1990.

Power, D.J. Business Case Competitions. *Proceedings of the Midwest Society for Case Research*, April 1990, pp. 97-100.

Aldag, R.J. and D. J. Power. Computer-Aided Decision Making: Developments, Research, and Impacts. *Proceedings of the American Institute for Decision Sciences*, November 1985, pp. 99-101.

Aldag, R.J. and D. J. Power. An Empirical Assessment of Computer-Assisted Decision Making. *Proceedings of the American Institute for Decision Sciences*, November 1984.

Power, D.J. and G. P. Huber. Guidelines for Using Key Informants and Retrospective Reports in Strategic Management Research. *Proceedings of the American Institute for Decision Sciences*, November 1982, Vol. 2, pp. 29-31.

Power, D.J. and H. L. Zwerling. Designing Management Decision-Aid Programs. *Proceedings of the American Institute for Decision Sciences*, November 1980, pp. 254-256.

Power, D.J. A Criteria-Based Review of 14 Generalized Heuristic Programs. *Proceedings of the Midwest Academy of Management*, April 1979, pp. 278-285.

Power, D.J. and G. P. Huber. Elicitation of Subjective Probability: Integration of Recent Findings. *Proceedings of the American Institute for Decision Sciences*, October-November 1978, pp. 39-41.

Power, D.J. and G. L. Rose. An Evaluation of DECAID, a Decision Formulation Computer-Aided Learning Program. *Proceedings of the American Institute for Decision Sciences*, October 1977, pp. 118-119.

Klasson, C.R. and D. J. Power. Data-Based Policy Teaching and Research. *Proceedings of the Academy of Management*, August 1977, pp. 118-121.

Power, D.J. and G. L. Rose. Improving Decision-Making Behavior Using the Hewlett Packard 2000/Access System. *Proceedings of the American Institute for Decision Sciences*, Nov. 1976, pp. 47-49.

Editors Comments Journal of the Midwest Association for Information Systems

Hadidi, R., & Power, D. J., (2019). Editors' Comments: Management Information Systems (MIS) Curricula Development, Management, and Delivery - Possible Sharing Economy Solutions, JMWAIS Volume 2019, Issue 1, January 2019, pp. 1-10 DOI: 10.17705/3jmw.00044.

Power, D., & Hadidi, R. (2018). Editors' Comments: Modern Information Systems: Expanding the Boundaries, JMWAIS, Volume 2018, Issue 2, July 2018, pp. 1-4, DOI: 10.17705/3jmw.00040.

Power, D., & Hadidi, R. (2018). Editors' Comments: Managing the Scientific Literature Overload: Document Object Identifiers and Scopus, JMWAIS, Volume 2018, Issue 1, January 2018, pp. 1-9, DOI: 10.17705/3jmw.000036.

Hadidi, R., & Power, D. J., (2017). Editors' Comments: Implications of the Sharing Economy for Online and Blended Education, JMWAIS Volume 2017, Issue 1, January 2017, pp. 1-8 DOI: 10.17705/3jmw.00022 URL <http://aisel.aisnet.org/jmwais/vol2017/iss1/1/23>.

Power, D. J., Hadidi, R., & Scheibe, K. P. (2016). Editors' Comments: Celebrating 50 Years of Management Information Systems (MIS) Research and Teaching, JMWAIS Volume 2016, Issue 2, July 2016, pp. 1-5 DOI: 10.17705/3jmwa.00017URL <http://aisel.aisnet.org/jmwais/vol2016/iss2/1/>.

Hadidi, R., Power, D. J., & George, J. F. (2016). Editors' Comments: Information Technology is Transforming the Heartland: Making the Case for Midwest United States, JMWAIS Volume 2016, Issue 1, January 2016, pp. 1-5 DOI: 10.17705/3jmwa.00013URL <http://aisel.aisnet.org/jmwais/vol2016/iss1/1/>.

Power, D. J., & Hadidi, R. (2015). Editors' Comments: The Future of Information Systems as a Scholarly Discipline, JMWAIS Volume 2015, Issue 2, July 2015, pp. 1-3 DOI: 10.17705/3jmwa.00008URL <http://aisel.aisnet.org/jmwais/vol1/iss2/1/>.

Power, D. J., & Hadidi, R. (2015). Editors' Comments: A New Scholarly Journal. JMWAIS, Volume 2015, Issue 1, January 2015, pp. 1-3, DOI: 10.17705/3jmwa.00001URL <http://aisel.aisnet.org/jmwais/vol1/iss1/1/>.

Other Invited Articles

Power, D. J., "Reflections on Faculty Participation in University Decision Making," UNIVERSITAS, Volume 8, 2012-2013 at URL <https://universitas.uni.edu/volume-8-2012-2013/shared-governance-uni/reflections-faculty-participation-university-decision>.

Case Studies

Power, D. J., "Transforming GE Real Estate with Innovative Data-driven Decision Support", DSSResources.COM, January 12, 2007.

Power, D. J. and C. L. Fletcher, University of Northern Iowa Dining Services uses FoodPro®, 2005, DSSResources.COM, June 3, 2005.

Pontz, C. and D. J. Power, "Building an Expert Assistance System for Examiners (EASE) at the Pennsylvania Department of Labor and Industry", November 2002, DSSResources.COM, November 14, 2002.

Power, D. J. and R. M. Roth, "Ertl's Decision Support Journey", 2003, DSSResources.COM, January 31, 2003.

Inventions and Innovations

Developed a computerized management decision aid software program, Fall 1975; expanded, developed and programmed a microcomputer version in 1981-82.

Invented an input keyboard for non-typists. Patent number 4,615,629, issued October 7, 1986.

Designed Management Decision Assistant published by South-Western Publishing Co., August 1987.

Developed PlanningDSS.com, PlanningSkills.com, DSSResources.com.

Technical Reports

Power, D. J. Toward Advanced Military Decision Support. Air Force Research Lab Information Institute, August 2003.

Power, D. J. Interactive Video Distance Learning: Architecture and Cost Issues. Deere, Inc., January 1999.

Power, D. J. Command Information Management: The Commander's Workstation. Institute for Defense Analyses, Record Document D-51, October 1983, Prepared for the Office of the Under Secretary of Defense for Research and Engineering.

Talks and Professional Presentations

Power, D., D. Cyphert and R. Roth, "Analytics, evidence, and the quest for rational decision making," Decision Sciences Institute 2018 Annual meeting, Chicago, IL, November 17-19, 2018.

Power, D., D. Cyphert and R. Roth, "Analytics and Evidence-Based Decision Making," TREO IT Medley, Americas Conference on Information Systems, New Orleans, LA, August 16–18, 2018.

Big Data Use Cases, Conference on Big Data, Universidad Catolica de Pereira , September 1, 2016.

Decision Support Negative Consequences? TREO IT Medley, *Americas Conference on Information Systems*, San Diego, CA, August 11-14, 2016.

Big Data Use Cases, Keynote Speaker, *International Conference on Decision Support Systems Technology (ICDSSST)*, A Euro Working Group conference, Belgrade, Serbia May 27-29, 2015 (by interactive video) at URL <https://ewgdssbelgrade2015.wordpress.com/invited-speakers/daniel-power/>.

Decision Support Use Cases with High Volume, High Velocity, and High Variety Data, Keynote Speaker, *International Conference on Information Systems and Technologies 2015*, March 21-23, 2015, Istanbul, Turkey at URL <http://www.ijist.net/ICIST15/>.

Parallel Processing and Data-Driven Decision Support, Keynote Speaker, *International Symposium on Data Intensive Computing 2014*, Asia-Pacific Institute of Management, New Delhi, December 27, 2014 at URL <http://www.asiapacific.edu/dic2014/>.

A Survey of Analytic Decision Support Technologies, Keynote Speaker, *DSS 2.0 – Supporting decision making with new technologies conference*, sponsored by IFIP WG 8.3 and SIGDSS, Paris, France, June 2-5, 2014 at URL <https://dss20conference.wordpress.com/>.

Using Big Data for Analytics and Decision Support *Midwest United States Association for Information Systems conference*, Normal, IL, May 24-25, 2013.

Decision Support and Competitive Advantage, Keynote Speaker, International Conference on Leveraging Information Technology for Competitive Advantage, Asia-Pacific Institute of Management, New Delhi, February 21-22, 2013.

Challenges of Real-Time Decision Support, Keynote Speaker, RTDMC-08 workshop, sponsored by AIS SIG DSS, Paris, France, December 13, 2008.

Decision Support Tools. Panelist and Presenter Decision Sciences Institute 2008 annual meeting, Baltimore, MD, November 22-25, 2008.

DSS for crisis planning, response and management. Keynote Speaker, ISCRAM2005, the Second International Conference on Information Systems for Crisis Response and Management, Brussels, Belgium, April 17-20, 2005.

Providing Web-Based DSS for Customers, presented in session on DSS Technology and Ecommerce chaired by V. Sugumaran, Decision Sciences Institute 2004 Annual Meeting, November 21, 2004, Boston, MA.

Spreadsheet-based DSS course design, Panelist and Presenter in session on Designing and Delivering Successful Spreadsheet-based DSS Courses, chaired by C. Ragsdale, Decision Sciences Institute 2004 Annual Meeting, November 22, 2004, Boston, MA.

Types of Decision Support Systems, presented at Innovations in Teaching Decision Support Systems Development workshop, organizers were Ravindra K. Ahuja and Wayne L. Winston, held at Amelia Island Plantation, Jacksonville, Fl., August 1-5, 2004.

Model-driven Decision Support Systems: Research Needs and Directions, AIS SIG DSS workshop, December 2003 (developed with R. Sharda).

Defining Decision Support Constructs. Keynote Speaker, 7th International Conference of the International Society for Decision Support Systems (ISDSS), Ustron, Poland, July 2003.

Spreadsheet-based DSS Curriculum Issues. Panelist at 2002 Americas Conference on Information Systems, Dallas, TX, August 9-11, 2002

Philosophical Foundations of Decision Support Systems. Chair and panelist at 2001 Americas Conference on Information Systems, Boston, MA, August 3 - 5, 2001.

Developing Web-Based DSS. Invited presentation at Applied Technology in Business program at Oakland University, October 13-14, 2000.

Decision Support Tools. Panelist and Presenter Decision Sciences Institute National meeting, New Orleans, Louisiana, November, 1999.

Integrating DSS Technologies. Presented at Workshop on Advanced Group Technologies, UVA-NASA-Langley, Hampton, VA, July 20, 1999.

DSS Resources Web Tour. Presented at the Decision Sciences Institute National meeting, San Diego, CA, November, 1997.

DSS Web Tour. Presented at the International Federation for Information Processing Working Group 8.3 (IFIP WG 8.3) conference, "Implementing Systems for Supporting Management Decisions: Concepts, Methods, and Experiences", London, UK, July 21-24, 1996.

Designing Computerized Decision Aids: Hypotheses and Guidelines. Poster Session at 1992 Judgment and Decision Making conference, St. Louis, MO, November 1992.

Impacts of Problem Structure and Computerized Decision Aids on Decision Attitudes and Behaviors. Poster session at 1992 Academy of Management meeting, Las Vegas, Nevada, August 1992 (with Meyeraan, S. and Aldag, R.)

Implementing Corporate Acquisition Strategies: An Empirical Examination. Presented at 1990 Decision Sciences Institute Annual Meeting, San Diego, CA, November 1990 (with Rubenson, G.C. and Aldag, R.J. and abstracted in Proceedings).

Information Centers: The Management Dilemma. Presented at 1990 Information Resources Management Association, Hershey, PA, May 1990 (with Gleadall, L. and abstracted in Proceedings).

Management Support Systems and Hypermedia. Presented at Ninth Annual International Conference on Information Systems, Minneapolis, MN, December 1988.

Macintosh Management Support Software. Presented at TIMS National meeting, Washington, DC, April, 1988.

Designing Decision Aids. Presented at TIMS National meeting, St. Louis, October 1987.

Computer-aided Elicitation of Values. Presented at SPUDM-11, Cambridge, UK, August 1987.

Management Policy Expert Systems: Prospects and Requirements. Presented at AI in Engineering Conference, The George Washington University, October 1985, (with Hevner, A.R.).

Hierarchical, Goal Oriented Planning Support Systems. Presented at NATO Advanced Study Institute on "Intelligent Decision Aids", San Miniato, Italy, September 1985.

Biases and Problems in Merger and Acquisition Decision Processes. Presented at the Strategic Management Society Conference, Philadelphia, October 1984.

Using the Symptoms, Problems and Treatment Framework to Structure Knowledge for Management Expert Systems. Presented at IFIP Working Group 8.3 Conference in Durham, England, July 23-26, 1984.

Impact of Technology on Managerial Work. Presented at World View '84, World Future Society, June 1984.

Decision State versus Process Variables as Predictors of Corporate Acquisition Effectiveness. Presented at the National Academy of Management Meeting, Dallas, August 1983, (with Huber, G.P.).

Examination of Two Strategies for Reducing Appraisal Errors. Presented at the National Meeting of the American Institute for Decision Sciences, November 1982.

An Examination of Drucker's Five Rules for Successful Acquisition. Presented at the Strategic Management Society, Montreal, October 1982, (with Paine, F.T.).

Case Study of the Design and Development of a Decision Support System. Presented at ORSA/TIMS National Meeting, Detroit, April 1982.

Job Search and Choice: A Clarification and Elaboration of Soelberg's Model. Presented at National Academy of Management Meeting, August 1981, (with Aldag, R.J.).

Impact of Data Management on Organizational Decision Making. Presented at the National Meeting of the American Institute for Decision Sciences, November 1980 (abstract in Proceedings).

Basic DECAID. Presented at the National Meeting of the Academy of Management, August 1978 (with Rose, G.L. and Valliere, W.P.).

Under review/Working Papers

Igou, A., D. J. Power, C. Heavin, and S. Brosnan, "Impacts of Digital Technologies on Accounting and Decision-Making," finalizing revisions.

Kaparathi, S., A. Mann, and D. J. Power, "A Multi-perspective Hierarchical Framework for Cloud-based Decision Support and Analytics, submitted to Decision Sciences March 30, 2019 Manuscript ID DSJ-03-2019-04.

Khakifirooz, M., M. Fathi, P. M. Pardalos, and D. J. Power, "Decision Support for Smart Manufacturing," submitted for inclusion in the Encyclopedia of Organizational Knowledge, Administration, and Technologies.

Power, D. J., **Database Fundamentals**, book draft with continuing revisions.

Power, D.J., "Designing and Developing a Computerized Decision Aid: A Case Study", posted at DSSResources.COM, <http://dssresources.com/papers/decisionaids.html>, version 2.0, April 14, 1998.

Power, D. J., D. Cyphert, and R. Roth, "Evidence-based Decision Making and the Quest for Rationality" under review Journal of Decision Systems.

Power, D. J. and C. Heavin "Privacy and Surveillance Big Brother Can Watch," targeted for Information, Communication & Society (ICS)

Power, D. J., C. Heavin, and P. Keenan, "Decision Systems Redux," revision submitted to *Journal of Decision Systems*, Submission ID: 188059399

Funded Research and Grants

1998-1999 - Deere & Company Computer Information Services contract for research and consulting on Interactive Video Distance Learning (UNI G/C Number 99-050).

Fall 1996 - University of Northern Iowa Professional Development Leave (PDL) for research.

1990- Apple/Iowa Bankers equipment grant for UNI Information Systems Research Lab

1987- Apple Computer Equipment grant

1986 - UNISYS grant for an Executive Workstation Project.

Summer 1984 --Curriculum development research on decision aids funded by University of Maryland.

Teaching Manuals and Materials

Power, D.J. Management Decision Assistant Cases. South-Western Publishing Co., 1987.

Schweiger, D.M., Power, D.J., and Gannon, M.J. Instructors Manual for Strategic Management Skills. Addison-Wesley, 1986.

Power, D.J., Gannon, M.J., McGinnis, M.M., and Schweiger, D.M. Strategic Management Skills Videotape. Addison-Wesley, 1986.

Mentoring for MBA Projects/Theses

- 1995 Adam Pelligrino, “The Planning, Development, and Establishment of Successful Business Networks”
- 2007 Dan Ring, Shalee Stewart, Linda Kobliska, Jared Kramer, “Strategic planning for Albert Lea Community Theater”
- 2008 Annael C. Etienne, Benjamin C. Ford, Ryan E. Pautsch, Erin E. G. Smedley, “Feasibility, Business Plan for Relocation and Expansion”
- 2009 Stewart Carter, Jon (Jack) Steuben, Jie (Kelsey) Cheng, Sinem (Sana) Tuncer, “Strategy for Transition to Electronic Media”
- 2010 Salih Boysan, Dan Woods, Lingling Cao, Raji Sljivo, Brent Bergman, “Parts Inventory Management Implementation and Evaluation”
- 2011 Deepak Garg, John Dodge, Marshall Freeman, Mandeep Dahiya, Nadia Shumilova, “Analysis of Internal Operations/Accounting Issues”
- 2012 Sam Boeke, Beth Burkemper, Sandy McAntire, Laura Sether, “An operational model for business growth”
- 2013 Azam Firouzi, Ngo Dieu Huyen, Kayleen Homewood, Susanna Mammen, “Marketing Response to Health Care Survey Requirements”
- 2014 Faye Timmons, Ernie Timmons, Jason Norem, Michael Barrett, “Growth Options for That Iowa Girl”
- 2014 Jeana Clark, Susan Dop, Mike Klinkenborg, Whitney Klinkenborg, “A Strategic Analysis of Capacity Utilization and Market Opportunities for LDJ Manufacturing, Inc.”
- 2015 Jamie Bute, Andrea Dellit, Chris Spaude, Jean Vannier, “Market/Industry Environment and Competitive Forces”
- 2017 Ashok Bhattarai, Megan Horn, Tiphaine Hustache, Ben Stevens, “Market Opportunity Analysis – Kay Park”

Professional Affiliations

Association for Information Systems (AIS) and the Special Interest Group on Decision Support and Analytics (SIG DSA); Midwest Association for Information Systems; Decision Sciences Institute; International Federation for Information Processing (IFIP) Working Group 8.3.

Major Professional Activities

Founding Editor-in-Chief of the Journal of the Midwest Association for Information Systems (JMWAIS) in 2014, continuing.

Co-Program Chair for Pre-ICIS SIGDSS Workshop on “Reshaping Society through Analytics, Collaboration, and Decision Support: Role of BI and Social Media,” December 15, 2013, Bocconi University, Milan, Italy.

Co-Guest Editor with G. Phillips-Wren of a special issue of Journal of Decision Systems on “Decision Making in Web 2.0 and Social Media,” Vol. 20, Issue 3, 2011.

Founding President and principal organizer of the Association for Information Systems (AIS) Midwest Chapter (MWAIS), 2005-2007. Past President, 2007-2008, At-Large Executive Board Member 2010-2012.

Founding chair and principal organizer of the Association for Information Systems (AIS) Special Interest Group on Decision Support, Knowledge and Data Management Systems (SIG DSS: ISDSS; SIG DSA), 2001-2004; Member of the Advisory Board of the AIS SIG on Decision Support, Knowledge and Data Management Systems (SIG DSS: ISDSS), 2005-2011; Secretary/Treasurer SIG DSA, 2016- continuing.

Member of the IFIP WG 8.3 Working Group Task Force on DSS curriculum 2007-2008.

Co-Program Chair for ICDSS 2007, 9th International Conference on Decision Support Systems, Jan. 2-4, 2007, Calcutta, India. Theme: Decision Support for Global Enterprises.

Member of the Scientific Committee for CIDMDS 2006, International Conference on Creativity and Innovation in Decision Making and Decision Support sponsored by IFIP WG 8.3, June 28 - July 1, 2006, London, UK.

Chair of the AIS SIG DSS: ISDSS 2005 Best Journal Article Award committee.

Member and core competency advisor, International Academy for Advanced Decision Support 2003-2005, <http://www.iaads.unomaha.edu>.

Co-Guest Editor with H. Bhargava and D. Sun of special issue of Decision Support Systems Journal on “Web-based Decision Support Systems”.

Member of the program committee Third International Workshop on E-Business (Web 2004), theme “Dynamic and Service-Oriented E-Business”, chair Minder Chen, Washington, DC, USA, December 11-12, 2004.

Member of the program committee 2004 SIGDSS workshop, chair David Paradise, Washington, DC, USA, December 12, 2004.

Member of the Scientific Committee for 2004 IFIP Conference on Decision Support Systems, “Decision Support in an Uncertain and Complex World”, Prato, Tuscany, Italy, July 1-3, 2004.

Member of the Scientific Programme Committee of the International Conference on Knowledge Engineering and Decision Support (ICKEDS'2004) Porto, Portugal, from July 19th to 23rd, 2004, <http://www.gecad.isep.ipp.pt/ICKEDS04/>.

Member of the Scientific Committee for 7th International Conference of the International Society for Decision Support Systems (ISDSS'03) on “DSS in the Uncertainty of the Internet Age”, Ustron, Poland, July 13-16, 2003.

Member of the Steering Committee for the IFIP Working Group 8.3 International Conference on “Decision Making and Decision Support in the Internet Age”, Cork, Ireland, July 4-7, 2002.

Mini-Track Chair Model-Driven, Web-Based Decision Support Systems AMCIS 2007.

Mini-Track Co-Chair (with K. Dowling) Decision Support Systems AMCIS 2003.

Mini-Track Co-Chair (with H. Bhargava and M. Warkentin) Decision Support Systems AMCIS 2002.

Mini-Track Co-Chair (with H. Bhargava) Decision Support Systems AMCIS 2001.

Mini-Track Chair Model-Driven and Web-Based Decision Support Systems AMCIS 2000.

Decision Support Systems Research Section Editor, AISWorld Net, URL <http://aisnet.org/general/custom.asp?page=DecisionSupportSys>, 1996-continuing.

Former member of the Editorial Review Boards of International Journal of Decision Support System Technology, Studies in Informatics and Control Journal, Information Resources Management Journal (IRMJ), 1990-1997; Communications of the Association for Information Systems (CAIS), 1999-2006; Journal of Business Research.

Attended NCR Teradata Partners Conference in Fall 2002, 2003, 2005-2008 for DSSResources.COM.

Participant in CIEE International Faculty Development seminar in Japan, "Japan's Role in the New World Order", International House of Japan, Tokyo, January 8-14, 1995.

Elections coordinator and member of Nominating Committee, IFIP Working Group 8.2, 1993.

Attended AACSB Accreditation and Quality Improvement meetings, 1990, 1991, 1993, 1994. Attended AACSB National meeting, Seattle, WA 1993. Attended AACSB TQM workshop February 1994 in Knoxville.

Newsletter Editor, Organizational Communication and Information Systems Division, Academy of Management, 1989-1992.

Session Chairperson: Americas Conference on Information Systems, 2000-2003; National Academy of Management Meeting, 1993, 1982; Strategic Management Society Meeting, Barcelona, Spain, 1985; Midwest Academy of Management meeting, 1994, 1995.

Discussant: National Academy of Management, 1992; IFIP 8.2 meeting, 1992; Midwest Academy of Management meeting, 1994, 1991, 1978; National Decision Sciences Institute meeting, 1991, 1982; Eastern Academy of Management meeting, 1988.

Invited Panel/Workshop Participant: National Meeting of the American Institute for Decision Sciences (1979); National Meeting of the Academy of Management, MED Division (1982); Information Resources Management Association meeting, 1991; IFIP 8.2 meeting, 1993.

Occasional manuscript reviewer for Addison-Wesley, Wiley, Southwestern Publishing Co (member Management Advisory Board, 1988-1992), Little, Brown & Co., and McMillan Publishing Company.

Ad Hoc reviewer for Management Science, Decision Sciences, Decision Support Systems, MIS Quarterly, Journal of Management Studies and Administrative Science Quarterly. Paper reviewer in various years for Policy and DSS Tracks, National Decision Sciences Institute meetings, Americas Conference on Information Systems meeting, Eastern Academy of Management meeting.

Member Steering Committee for Washington, DC ACM Technical Symposium, 1988, 1989. Member Program Committee for Second Symposium on Human Factors in MIS Conference, 1988, 1989. Track chair 1992 IRMA meeting. Scientific program committee member IFIP WG 8.2 1994 meeting.

Presentation on "A Management Policy Expert System" at the Information Technology and Organizational Performance Colloquium, Syracuse University, June 1986.

Participant in Conference on U.S. Steel Industry, University of Virginia, November 1985.

Fellow at NATO Advanced Study Institute on "Intelligent Decision Aids", San Miniato, Italy, Sept. 1985.

Participant at Arthur Anderson & Co. Business Ethics Program, January 1991.

Participant Academy of Management consortiums, Business Policy and Planning (1979), Organizational Behavior and Theory (1978); and Junior Faculty Workshop, Organization Management and Theory (1983).

Presentations on "Mergers and Acquisitions" and "The Impact of Information Management on Organizations" at the College of Commerce, University of Illinois, Urbana, Ill, December 1985.

A Judge for NASCP-Houston Chapter Graduate Student Award Competition, Spring 1984, Spring 1985.

Practitioner Presentations: "What's IT all about? Supporting Decision Makers" to Database Users Assn. of Iowa (2004), "User Interface Design" to Census Bureau EDP Workshop (1988); "Strategic Planning" at General Services Administration Management Seminar (1984) and SE Regional Competitive Intelligence Society (1988); and on "Application of Artificial Intelligence to Business Planning" to the Washington Women in Information Processing (1984); and to other groups.

Consulting and Training

Short-term consulting for a number of organizations including: Buchanan County Health Center, Independence, Iowa; Valley Lutheran School, Cedar Falls, Iowa; Waterloo/Cedar Falls, IA Board of Realtors; Center for Naval Analyses; American Alliance for Health, Physical Education, Recreation and Dance; Packard Press, Science Applications International Corporation (SAIC), South-Western Publishing Co., and Weinberg Consulting Group.

Training Coordinator and trainer for two associations: Specialized Carriers and Riggers' Professional Management Institute in 1984 and 1985; Association of School Business Officials' 1985 Institute. Trainer for a number of programs including: Maryland Banker's Institute (1988); Maryland Government Executives Institute (1987-88); U.S. Office of Personnel Management (OPM) Management Training Institute (1988); Maryland Business Executives Institute (1988).

Chairperson, Financial Information Systems and Technology 1991 and 1992 Symposiums.

University Service

2018- Continuing Member of UNI Security Working Group.

August 2016-December 2016 – Co-Chair of the Iowa Board of Regent's UNI Presidential Search and Screening committee.

Fall 2016 – Chair UNI Department of Management MIS Faculty Search committee.

November 2014 - 2016 Member of the UNI Academic Master Planning committee.

May 2012 - May 2013 President UNI United Faculty, the faculty collective bargaining organization

Fall 2012-Spring 2013 – Member of Iowa Board of Regent's UNI Presidential Search and Screening committee

2011 – 2013; 2014 - 2016 Member UNI Graduate Council.

2005 – Continuing Member of the UNI College of Business Scholarship Committee.

2009 – 2012 At-large member of the UNI Faculty Committee on Committees; Committee Chair 2011-2012.

2004-2008; 2010 – 2018 Member of University of Northern Iowa United Faculty/AAUP Executive Board; Secretary of United Faculty 2011-2012.

2005-2006 – Member of the Iowa Board of Regent's UNI Presidential Search and Screening committee; Co-Chair of the UNI Campus Committee for the Presidential Search; Member of UNI Multimodal Advisory committee.

2004-2005 – Chair University of Northern Iowa (UNI) University Faculty; Chair UNI President's 5 year Review Committee; member UNI President's Campus Advisory Group.

2001-2002 – Chair University of Northern Iowa (UNI) University Faculty Senate.

1999 - 2002 -- Member UNI University Faculty Senate.

2000 - 2001 -- Chair UNI University Faculty Senate Budget Committee.

1999 - 2001 -- Chair of UNI College of Business Administration Faculty Council.

1999 – 2000 -- Chair UNI Management Department Program Review Committee

1998 - 1999 -- Member of UNI College of Business Administration Faculty Council.

1990 - 1994 -- Member UNI Academic Computing Advisory Committee; Member CBA Information Technology Committee.

1990 - 1993 -- Member UNI Administrative Computing Advisory Committee.

1989 - 1991 -- Chair, Information Technology Committee, UNI College of Business Administration.

1988 - 1989 -- Member University of Maryland-College Park Committee on Academic Computing Policy. Member UMDCP Administrative Applications Migration Advisory Committee. Member University of Maryland-College Park AT&T Teaching Theater Committee.

1986 - Member of Computer Integration Task Force, College of Business and Management, UMD. Coordinated Strategic Management Ph.D. Major Comprehensive Exam.

1984 - 1988 -- Member of the University of Maryland-College Park College of Business and Management Computer Committee. Coordinator for the UMD MBA Business Case Competition.

1984 - 1986 -- Member of the University of Maryland-College Park Faculty Advisory Committee for the Hubert Humphrey North-South Fellowship Program.

1983 - 1984 -- Chairperson of the University of Maryland-College Park College of Business and Management Computer Committee. Coordinator of the Strategy and Planning Research Group. Member of Planning Committee of the Maryland "Profitable Partnerships" Conference.

1982 - 1983 -- Coordinated Development of the first Strategic Management and Policy Ph.D. Program and Reading List for the University of Maryland-College Park College of Business and Management.

Awards and Honors

2018-2019 University of Northern Iowa Graduate College Distinguished Scholar award.

2017 UNI Graduate College Milestone Award for outstanding mentoring of graduate students.

2017 UNI College of Business Administration Distinguished Service Award.

2015 UNI College of Business Administration PwC Exceptional Impact Award.

2015 UNI United Faculty Leadership award.

2014 UNI College of Business Administration PwC Faculty Research Award.

2009 Iowa Board of Regents Award for Faculty Excellence.

2009 UNI College of Business Administration Faculty Teaching Innovation Award.

2008 UNI Ross A. Nielsen Professional Service Award.

2007 AISWorld Challenge Award, Decision Support Systems Research Page, Section Editor: Daniel J. Power, Co-Editor: Vijayan Sugumaran.

2003 U.S. Department of State Fulbright Senior Specialist candidate, selected December 2003.

2002 University of Northern Iowa College of Business Faculty Service Award.

University of Northern Iowa Management Dept. Advisory Board Outstanding Leadership Award, 1996

NSF Travel Fellowship for NATO Decision Support Systems Conference, Fall 1985.

Included in Who's Who in Frontiers of Science and Technology and in Who's Who in Finance and Industry, published by Marquis Who's Who, Inc.

Faculty Advisor for the 1984, 1986 and 1987 University of Maryland First Place Teams and the 1985 Second Place Team at the Rutgers/Harrah's MBA Case Tournament, Atlantic City, NJ.

University of Maryland-College Park, College of Business Top 15% Faculty Teaching Award, received for Business Policy Fall 1983 and 1984, and for Decision Support Systems in Fall 1984.

Member of Sigma Xi, The Scientific Research Society, and Beta Gamma Sigma, The Honor Society for AACSB Accredited Business Programs.

Kohler Fellow, University of Wisconsin-Madison, Madison, WI, 1981.

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