Dr. Heikki Topi
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EDUCATION

Doctor of Philosophy	Indiana University Graduate School of Business, July 1995 Major: Management Information Systems Minor: Organizational Behavior

	Dissertation:	The Effects of Time Availability and Task Complexity on Human Performance in Database Query Tasks.
	Dissertation Co-Chairs:	Jeffrey A. Hoffer and Joseph S. Valacich

Master of Science in Economics and Business Administration	Helsinki School of Economics and Business Administration, May 1991 Major: Management Information Systems Minor: Accounting

	Master's Thesis:	Object-oriented Approach to the Development of Information Systems (in Finnish).

Master of Theology	University of Helsinki, October 1988 Major: Sociology of Religion

	Master's Thesis:	Religion and Identity. The theory by Hans Mol and its application to the community of Finnish immigrants in Sweden (in Finnish).

Additional coursework in Computer Science (University of Helsinki, 1983-1986) and Management Information Systems (as an exchange student in the MBA program of Indiana University, Fall 1991).

ACADEMIC EXPERIENCE

Bentley University, Computer Information Systems Department

Professor of Computer Information Systems. Teaching graduate and undergraduate courses in data management and other core areas of Information Systems, doing research on usability and systems development, and serving both Bentley University and the academic computing education community through a variety of activities. July 2011 – present.

Bentley University, Office of the Dean of Business

Associate Dean of Business for Graduate and Executive Programs. Responsible for Bentley's portfolio of graduate programs, including the Bentley MBA, MS+MBA, Evening MBA and seven specialized Master's programs. Managing two Assistant Deans, Director of Executive Education, Associate Director of an academic center, and seven academic Program Directors. Developing and coordinating Bentley's executive education activities. Together with the Provost

and the Dean of Business, providing strategic leadership for the McCallum Graduate School of Business and managing McCallum product portfolio planning and development. July 2007 - June 2011. **Professor of CIS** since July 2009.

Bentley College, Computer Information Systems Department

Associate Professor and Chair of Computer Information Systems. Leading a strong, technically oriented, and nationally known computer information systems department with about 20 members. Cooperating closely with Bentley's other two Business-IT departments (Information and Process Management and Information Design and Corporate Communications). July 2006 – June 2007.

Associate Professor of Computer Information Systems. Teaching graduate and undergraduate courses in data communications and networking, systems analysis and design, and data management (see a complete list below); doing research in several areas of interest; and participating in various service activities at both departmental and college levels including curriculum development for the MSIT and BSCIS programs and serving as Director of the MSIT program. Responsible for developing the CIS Networking Lab and supporting the CIS Faculty Lab. August 2000 – June 2006. **Director, MSIT** July 2005 – June 2006.

Indiana University Kelley School of Business, Accounting and Information Systems Department

Visiting Assistant Professor. Taught the course S305 Business Telecommunications (3 or 4 sections per semester) with full responsibility for the course and participating in the course and curriculum development activities of the IS group. August 1998 – June 2000.

Helsinki School of Economics and Business Administration, International Center

Associate Dean, MBA Program and Director, International Center. As the Director had the overall administrative responsibility for the School's International Center, which offered English language MBA and BBA Programs on two campuses and coordinated the School's international exchange programs. Managed the School's extensive network of international relationships. As the Associate Dean of the International MBA Program was responsible for the program administration and academic content of the program. Had an essential role in two of School's initial international accreditation processes (AMBA and EQUIS). Taught a three-week intensive MBA course Management of Information Systems twice. February 1997 - July 1998.

Associate Dean of Academic Affairs, MBA Program. Was responsible for the launch of the new Digital Technology Management track of the HSEBA International MBA Program and the academic content and administration of the entire MBA Program. Taught the three-week intensive MBA course Management of Information Systems twice. June 1996 - February 1997.

Visiting Professor, Information Technology Program.
Telecommunications and Information Industries. Taught a three-week intensive course on the current developments within telecommunications and information industries as part of an innovative summer program. July 1999, July 2000.
Introduction to New Economy. Taught a three-week intensive course on the foundations of the new digital economy to the entire summer program consisting of 140 students from around the world. June 2001.

Digital Economy and Information Industries. Taught a three week intensive course on the foundations of the digital economy and the current status of the Information and Communication Technology Industries to groups of 40-70 students from around the world. August 2002, August 2003, August 2004, August 2005, June and August 2006.

Managing a Software and Service Business. Taught the first week of a three week intensive course with a focus on the foundational characteristics of software and service businesses to an international group of about 35 students. June 2012 and June 2013.

Indiana University School of Business, Accounting and Information Systems Department

Visiting Assistant Professor, S490 Business Telecommunications, S410 Systems Implementation, and S210 Business Computing in COBOL. Taught these essential elements of the CIS concentration with full responsibility for the courses and participated actively in development of the undergraduate curriculum and instructional technology environment. August 1995 - May 1996.

Indiana University School of Business, Decision & Information Systems Department

Associate Instructor, S310 Systems Analysis & Design and S302 Management Information Systems. Taught these core components of the undergraduate CIS major at the Indiana University School of Business with full responsibility for the courses. January 1995 - June 1995.

Associate Coordinator, K201 The Computer in Business. Prepared teaching outlines, exercises, and assignments for 20 instructors and 900 students; coordinated the work of tutors; assisted the course coordinator in other tasks; managed and maintained a research experiment subject enrollment system. August 1993 - May 1994; responsibilities related to the enrollment system August 1993 - May 1996.

Associate Instructor, K201 The Computer in Business. Instructed discussion/laboratory sections of an introductory business computing class. August 1992 - July 1993.

BUSINESS EXPERIENCE

Nokia, Helsinki
Competency Development Consultant. Performed various tasks related to both technical and management competency development as an independent consultant. October 1999 – August 2001.

Nokia, Singapore
Competency Development Consultant. Designed and taught two-day courses "TCP/IP Basic," "TCP/IP Advanced," "IP Business Fundamentals," and "Internet Business for Management" in four locations (Australia, Singapore, Japan, and Taiwan). August 1999, July 2000, March 2001, May 2001, August 2001.

The Finnish Evangelical Lutheran Mission, Helsinki, Finland
Systems Analyst and Consultant. Participated in and later coordinated a major accounting, retail marketing, and fundraising support software development and integration project in a HyperCard/SequeLink/Ingres-based client/server environment; also worked as a liaison between accounting and IS departments for this large non-profit organization. December 1988 - August 1991 and January 1992 - August 1992.

Oy Nokia Data Systems Ab, Helsinki, Finland
> **Programs Designer**. Developed spreadsheet and DBMS-based decision support and executive information system components for a point-of-sale system used by the largest grocery store chains in Finland. June 1986 - December 1988.

Teljän Konttorikone, Pori, Finland
> **Programs Designer**. Developed a PC/cash register-based point-of-sale system for small retail businesses. September 1984 - May 1985.

JOURNAL ARTICLES

Topi, H., Conboy, K., Donnellan, B., Ramesh, V., Van Toorn, C., and Wright, R.T. 2014. "Moving Towards the Next Generation of Graduate Degree Programs in Information Systems," *Communications of the Association for Information Systems*, forthcoming.

Topi, H.; Helfert, M., Ramesh, V., and Wigand, R. T. 2011. "Future of Master's Level Education in Information Systems," *Communications of the Association for Information Systems*, Vol. 28, Article 27.

Kroeze, J. H.; Lotriet, H. H.; Mavetera, N.; Pfaff, M. S.; J.v.R. Postma, D.; Sewchurran, K.; and Topi, H. 2011 "ECIS 2010 Panel Report: Humanities-Enriched Information Systems," *Communications of the Association for Information Systems*, Vol. 28, Article 24.

Topi, H., Valacich, J. S., Wright, R. T., Kaiser, K., Nunamaker, J. F., Sipior, J. C., de Vreede, G.-J. 2010. "IS 2010: Curriculum Guidelines for Undergraduate Degree Programs in Information Systems," *Communications of the Association for Information Systems*, vol. 26, no. 18.

Topi, H., Valacich, J. S., Wright, R. T., Kaiser, K., Nunamaker, J., Sipior, J. & de Vreede, GJ. 2008. "Revising Undergraduate IS Model Curriculum: New Outcome Expectations," *Communications of the Association for Information Systems*, vol. 23, no. 32.

Topi, H., Valacich, J. S, Kaiser, K., Nunamaker, J. F, Sipior, J., & de Vreede, GJ. 2007. "Revising the IS Model Curriculum: Rethinking the Approach and the Process," *Communications of the Association for Information Systems*, vol. 20, no. 45.

Satzinger, J. W., Batra, D., & Topi, H. 2007. "Analysis and Design in the IS Curriculum: Taking it to the Next Level," *Communications of the Association for Information Systems*, vol. 20, no. 31.

Eshghi, A., Haughton, D., & Topi, H. 2007. "Determinants of customer loyalty in the wireless telecommunications industry," *Telecommunications Policy*, vol 31, no 2, 93-106.

Eshghi, A., Haughton, D., Teebagy, N., & Topi, H. 2006. "Determinants of Customer Churn Behavior: The Case of the Local Telephone Service," *Marketing Management Journal*, vol. 16, no. 2, 179-187.

Deichmann, J., Eshghi, A., Haughton, D., Masnaghetti, M., Sayek, S., & Topi, H. 2006, "Exploring Break-points and Interaction Effects Among Predictors of the International Digital Divide," *Journal of Global Information Technology Management*, vol. 9, no. 4.

Topi, H., Lucas, W., & Babaian, T. 2006. "Using informal notes for sharing corporate technology know-how," *European Journal of Information Systems*, vol. 15, 486-499.

Deichmann, J, Eshghi, A., Haughton, D., Sayek, S., Teebagy, N., & Topi, H. 2006. "Understanding Eurasian Convergence 1992-2000: Application of Kohonen Self-organizing Maps," *Journal of Modern Applied Statistical Methods*, vol. 5, no. 1, 72-93.

Babaian, T., Lucas, W., & Topi, H. 2006. "Improving ERP Usability Through User-System Collaboration." *International Journal of Enterprise Information Systems*, 2(3), 10-23.

Frydenberg, M., Kamis, A., & Topi, H. 2005. "Updating IT101 with Handheld Computers." *Communications of the Association for Information Systems*, 16, 494-516.

Eshghi, A., Haughton, D., Deichmann, J., & Topi, H. 2005. "Digital Divide and Consumption Patterns in the US: An Exploratory Investigation," *Marketing Management Journal*, 15(2), 108-122

Topi, H., Valacich, J.S. & Hoffer, J.A. 2005. "The Effects of Task Complexity and Time Availability on Human Performance in Database Query Tasks," *International Journal of Human-Computer Studies*, 62(3), 349-379.

Topi, H. & Lucas, W. 2005. "Mix and Match: Combining Terms and Operators for Successful Web Searches," *Information Processing & Management*, 41(4), 801-817.

Topi, H., & Lucas, W. 2005. "Searching the Web: Operator Assistance Required." *Information Processing & Management*, 41(2), 383-403.

Lucas, W., & Topi, H. 2004. "Training for Web Search: Will it Get You in Shape?" *Journal of the American Society for Information Science and Technology,* 55(13), pp. 1183-1198.

Topi, H. 2004. "Supporting Telework: Obstacles and Solutions," *Information Systems Management*, 21(3), pp. 79-85. Published originally as a book chapter in *IS Management Handbook* (see below).

Haughton, D., Deichmann, J., Sayek, S., Teebagy, N., & Topi, H. 2003. "A Review of Software Packages for Data Mining," *The American Statistician*, 57(4).

Deichmann, J., Eshghi, A., Haughton, D., Sayek, S., Teebagy, N., & Topi, H. 2003. "Geography matters: Kohonen Classification of Determinants of Foreign Direct Investment in Transition Economies," *Journal of Business Strategies*, 20(1).

Gorgone, J. T., Davis, G.B., Valacich, J.S., Topi, H., Feinstein, D.L., & Longenecker, H.E., Jr. 2003. "IS 2002: Model curriculum and guidelines for undergraduate degree programs in information systems," *Data Base,* 34(1), 2003.

Topi, H., Valacich, J.V., & Rao, M.T. 2002. "The Effects of Personality and Media Differences on the Performance of Dyads Addressing a Cognitive Conflict Task." *Small Group Research* 33(6), December 2002.

Topi, H. & Ramesh, V. 2002. "Human Factors Research on Data Modeling: A Review of Prior Research, An Extended Framework and Future Research Directions." *Journal of Database Management* 13(2): 3-19, April-June 2002.

Lucas, W., & Topi, H. 2002. "Form and Function: The Impact of Query Formation on Web Search Results." *Journal of the American Society for Information Science and Technology* 53(2): 95-108.

Kuittinen, M., Sutinen, E., Topi, H., & Turpeinen, M. 2001. "Learning by Experience. Networks in Learning Organizations." *Informatica* 25(2):159-164, July 2001.

BOOKS

Topi, H. and Tucker, A. 2014 (forthcoming, in production) *Information Systems and Information Technology*, *Volume 2 (Computing Handbook Set).* Taylor & Francis, Boca Raton, FL.

Hoffer, J.A., Topi, H., and Ramesh, V. 2014. *Essentials of Database Management*, Prentice Hall, Upper Saddle River, NJ.

Hoffer, J.A., Ramesh, V., & Topi, H. 2013. *Modern Database Management,* 11th Edition. Prentice Hall, Upper Saddle River, NJ.

Hoffer, J.A., Ramesh, V., & Topi, H. 2011. *Modern Database Management,* 10th Edition. Prentice Hall, Upper Saddle River, NJ.

Hoffer, J.A., Prescott, M., & Topi, H. 2009. *Modern Database Management*, 9th Edition. Prentice Hall, Upper Saddle River, NJ.

Brown, C.V. & Topi, H. (Editors). 2003. *IS Management Handbook*, 8th Edition. CRC Press, Boca Raton, FL.

Brown, C.V. (Editor) in cooperation with Topi, H. (Co-editor). 2000. *IS Management Handbook*, 7th Edition. CRC Press, Boca Raton, FL.

BOOK CHAPTERS

Topi, H. 2014 (forthcoming) "The Evolving Discipline of Information Systems." In Topi, H. & Tucker, A.B. (Eds.) *Information Systems and Information Technology, Volume 2 (Computing Handbook Set).* Taylor & Francis, Boca Raton, FL.

Topi, H. 2013 "Transforming Business Education through Disciplinary Integration: The Case of Information Systems." In Hardy, G. & Everett, D. (Eds), *Shaping the Future of Business Education.* Palgrave Macmillan, Basingstoke.

Babaian, T., Lucas, W.T., Xu, J. & Topi, H. 2010 "Usability through System-User Collaboration: Deriving Design Principles for Greater ERP Usability." In Winter, Zhao & Aier (Eds.) *Global Perspectives on Design Science Research, LNCS 6105*, pp. 394-409. Springer, Heidelberg, Germany.

Lucas, W. T., Babaian, T., & Topi, H. 2008. "Applying Collaboration Theory for Improving ERP System-User Interaction." Gunasekaran. A. (Ed.), *Techniques and Tools for the Design and Implementation of Enterprise Information Systems* (Vol. 2). (pp. 1-21). Hershey, PA: Idea Group, Inc.

Dennis, A., Garfield, M., Topi, H., & Valacich, J. 2006. "Conducting Relevant Experimental Research In HCI: From Topic Selection To Publication." Zheng & Galletta (Eds) *Human Computer Interaction in Management Information Systems*. M.E. Sharpe.

Lucas, W. & Topi, H. 2005. "Learning and Training to Search." *New Directions in Cognitive Information Retrieval*, pages 209-226, Springer, Dordrecht, The Netherlands.

Topi, H. & Ramesh V. 2004. "Toward an Extended Framework for Human Factors Research on Data Modeling." In Siau, K. (Ed.) *Advanced Topics in Database Research, Volume 3*. Idea Group Publishing, Hershey, PA.

Topi, H. 2003. "The Promise of Mobile Internet: Personalized Services." Brown, C.V. and Topi. H. (Eds.) *IS Management Handbook*, 8th Edition. CRC Press, Boca Raton, FL.

Topi, H. 2003. "Supporting Telework: Obstacles and Solutions" in Brown, C.V., and Topi, H. (Eds.) *IS Management Handbook*, 8th Edition. CRC Press, Boca Raton, FL. Published also in *Information Systems Management*, see above.

Topi, H. 2000. "Supporting Telework" in Brown, C.V., and Topi, H. (Eds.) *IS Management Handbook*, 7th Edition. CRC Press, Boca Raton, FL.

PUBLICATIONS IN REFEREED CONFERENCES AND WORKSHOPS

Topi, H. and Wright, R.T. 2013. "Differentiating Information Systems and Information Technology as Fields of Study: An Evaluation of Model Curricula." In Proceedings of the *2013 AIS SIG-ED (IAIM) Conference*, Milan, Italy, December 2013.

Topi, H. and Xu, J. 2012. "Developing An Instrument To Measure Enterprise System Users' Perceptions Of System-User Collaboration." In Proceedings of the *2012 Pacific-Asia Conference on Information Systems*, Ho Chi Minh City, Vietnam, July 2012.

Babaian, T., Lucas, W., Xu, J., & Topi, H. 2010. "Usability through System-User Collaboration⋆ Deriving Design Principles for Greater ERP Usability." In Proceeding of the 5th *International Conference on Design Science Research in Information Systems and Technology*, June 2010.

Cooprider, J., Topi, H., Xu, J., Dias, M., Babaian, T., & Lucas, W. 2010. "A Collaboration Model for ERP User-System Interaction." In Proceedings of the 43rd *Hawaii International Conference on System Sciences*, January 2010.

Babaian, T., Lucas, W. and Topi, H. 2007. "A data-driven design for deriving usability metrics." In Proceedings of the International Conference on Software and Data Technologies (ICSOFT'07), pages 154-159.

Babaian, T., Lucas, W. and Topi, H. 2007. "Visualizing the process: A graph-based approach to enhancing system-user knowledge sharing." In *Proceedings of the International Conference on Enterprise Information Systems (ICEIS-2007)*, pages 123-128.

Babaian, T., Lucas, W., & Topi, H. 2007. "Using a process graph to improve system-user knowledge sharing." *The Proceedings of the 1ˢᵗ CHIMIT conference,* March 2007.

Kamis, A., & Topi, H. 2007. "Network Subnetting: an Instance of Technical Problem Solving in Kolb's Experiential Learning Cycle," Proceedings of the *40th Hawaii International Conference on System Sciences - 2007*, 196-205.

Topi, H., & Cassel, L. M. 2006. "Using Computing Ontology Project as Foundation for Revising Information Systems Body of Knowledge," Proceedings of the *2006 SIGED-IAIM Conference*, Milwaukee, Wisconsin.

Babaian, T., Lucas, W., Topi, H.. 2006. "Making memories: applying user input logs to interface design and evaluation," (extended abstract), *Human factors in computing systems CHI'06*, 496-501.

Topi, H., Lucas, W.T., & Babaian. T. 2005 "Identifying Usability Issues with an ERP Implementation," Proceedings of the 7ᵗʰ International Conference on Enterprise Information Systems, Miami, FL, May 2005.

Topi, H., Babaian, T., & Lucas, W. "Informal Notes on Technology Use as a Mechanism for Knowledge Representation and Transfer." Proceedings of *The Sixth European Conference on Organizational Knowledge, Learning, and Capabilities*, Boston, MA, March 2005.

Lucas, W.T, Babaian, T., & Topi, H. 2004. "Enhancing ERP Usability." Proceedings of the 2004 IRMA International Conference, New Orleans, LA, May 2004.

Babaian, T., Lucas, W.T., & Topi, H. 2004. "Collaborating to Enhance ERP Usability." Proceedings of the 6th International Conference on Enterprise Information Systems, Porto, Portugal, April 13 – 17, 2004.

Lucas, W.T. & Topi, H. 2004. "Anxiously Seeking Answers: How Attitude Affects Search Performance." Proceedings of the 2004 IEEE International Conference on Information Technology: Coding and Computing, Las Vegas, NV, April 5-7, 2004.

Topi, H., Lucas, W.T., & Jain, A. 2003. "All the WISER: A Web-Based Infrastructure for Search Research." Proceedings of the 2003 DSI Annual Meeting, Washington, D.C., USA, November 22-26, 2003.

Lucas, W.T. & Topi, H. 2003. "Need Help? The Effects of Training on Web Searches." Proceedings of the 2003 IEEE International Conference on Information Technology: Coding and Computing, Las Vegas, NV, April 28-30, 2003.

Topi, H. & Lucas, W.T. 2002. "Simple OR Assisted Search: A Boolean Dilemma." Proceedings of the 2002 DSI Annual Meeting, San Diego, CA, USA, November 23-26, 2002.

Gorgone, J., Topi, H., Feinstein, D.L., Valacich J.S., Longenecker, H. E., Jr., & Davis, G.B. 2002. "Undergraduate Information Systems Model Curriculum Update – IS 2002." Proceedings of the Eight Americas Conference on Information Systems, Dallas, TX, USA, August 9-11, 2002.

Topi, H. & Ramesh, V. 2001. "Human Factors Research on Data Modeling: Review of Prior Research and Suggestions for Future Directions." Proceedings of the Sixth CAiSE/IFIP8.1 International Workshop on Evaluation of Modeling Methods in Systems Analysis and Design (EMMSAD01), Interlaken, Switzerland, June 4-5, 2001.

Kuittinen, M., Sutinen, E., Topi, H., & Turpeinen, M. 2001. "Learning by Experience. Networks in Learning Organizations." Proceedings of the 7th International Conference of European University Information Systems, Berlin, Humboldt-University, March 28-30, 2001. (Published also on Informatica, see above under Journal Articles).

Topi, H., Rao, M.T., & Valacich, J.S. 1994. "The Effects of Personality and Media Differences on the Performance of Dyads Addressing A Cognitive Conflict Task. " Short version of the paper in the Proceedings of the 1994 Annual Meeting of the Decision Sciences Institute (Honolulu, Hawaii, November 1994). Presented the paper at the conference.

Spurrier, G.R., Topi, H., & Valacich, J.S. 1994. "The Effects of Information Compression and Time Pressure on Individual Decision Making Performance in a Task Utilizing Textual Information." Abstract of the paper in the Proceedings of the 1994 Annual Meeting of the Decision Sciences Institute (Honolulu, Hawaii, November 1994).

Topi, H. 1994. "Modeling Individual Decisions On the Use of Information Technologies: Integration of Two Theoretical Perspectives." Presented at the Diffusion Interest Group in Information Technology (DIGIT) '94 Workshop in Vancouver, Canada, December, 1994.

OTHER PUBLISHED WORKS

Topi, H. 2014 (forthcoming). "Building ethics into Information Systems education," *ACM Inroads*, March 2014, 5(1).

Topi, H. 2013. "Why is strong K—12 CS good for IS?," *ACM Inroads,* December 2013, 4(4).

Topi, H. 2013. "Enabling and encouraging productive student collaboration on-line," *ACM Inroads*, September 2013, 4(3).

Topi, H. 2013. "Student competitions as highly valuable learning experiences," *ACM Inroads*, June 2013, 4(2).

Topi, H. 2013. "Where is big data in your information systems curriculum?," *ACM Inroads*, March 2013, 4(1).

Topi, H. 2012. "Wealth of information for IS educators: Education tracks at key conferences," *ACM Inroads*, December 2012, 3(4), 12-13.

Topi, H. 2012. "Essential role of practical projects in Information Systems courses," *ACM Inroads*, September 2012, 3(3), 20-21.

Topi, H. 2012. "Your courses can directly benefit from articles in top IS journals," *ACM Inroads*, June 2012, 3(2), 20-12.

Topi, H. 2012. "Sharing knowledge on IS Education," *ACM Inroads*, March 2012, 3(1), 18-19.

Topi, H. 2011. "Essential practical connections between the disciplines of IS and CS," *ACM Inroads,* December 2011, 2(4), 14-15.

Topi, H. 2011. "Preparing Information Systems for global careers," *ACM Inroads*, September 2011, 2(3), 12-13

Topi, H. 2011. "IS Education: Insights for computing education from information systems research," *ACM Inroads*, June 2011, 2(2), 16-17

Topi, H. 2011. "The future of master's level education in IS," *ACM Inroads*, February 2011, 2(1), 12-13.

Topi, H. 2010. "Contributions to IS education from leading research journals," *ACM Inroads*, December 2010, 1(4), 12-13.

Topi, H. 2010. "IS education: building on the future of computing education summit," *ACM Inroads*, August 2010, 1(3), 12-13.

Topi, H. 2010. "Achieving excellence through collaboration," *ACM Inroads*, June 2010, 1(2), 9-10.

Topi, H. 2010. "IS 2010 is ready and available for your use!" *ACM Inroads*, March 2010, 1(1), 16-17.

Topi, H. 2010. "The role of IS in computing education." *SIGCSE Bulletin inroads*, January (1st Quarter/Winter) 2010, 41(4), 15-16.

Topi, H. 2009. "Accreditation of Degree Programs in Information Systems." *SIGCSE Bulletin inroads,* June 2009, 41(2), 70-71.

Topi, H. 2008. "The role of programming in undergraduate IS programs." *SIGCSE Bulletin inroads,* November 2008, (40)4, 15-16.

Topi, H. 2008. "Role of Information Systems as a business discipline." *SIGCSE Bulletin inroads,* June 2008, (40)2, 12-14.

Topi, H. 2007 "Update on the IS model curriculum revision project." *SIGCSE Bulletin inroads,* December 2007, 39(4).

Shackelford, R., Cross, J., Davies, G., Impagliazzo, J., Kamali, R., LeBlanc, R., Lunt, B., McGettrick, A., Sloan, R., & Topi, H. "Computing Curricula 2005 -- The Overview Report". Published by the ACM and available at http://www.acm.org/education/curricula-recommendations .

WORKING PAPERS

Topi, H. 1994. "Human Factors Research on Object-Oriented Data Modeling: Analysis of a Research Approach." Institute for Research on the Management of Information Systems (IRMIS) Working Paper #9404.

Byrer, J.K., Topi, H., & Hoffer, J.A. 1994. "Direct Manipulation Revisited." Institute for Research on the Management of Information Systems (IRMIS) Working Paper #9405.

PRESENTATIONS AND PANELS

Topi, H. (chair), Harris, A., Ramesh, V., Wigand, R. 2013. "Launching a comprehensive review of MSIS 2006." A panel discussion at the *AIS SIG-ED IAIM International Conference for Informatics Education & Research* in Milan, Italy, December 2013.

Topi, H. 2013. "Review and Revision of MSIS 2006: Status Update." Presentation at the *MIS Academic Leadership Conference*, Bloomington, Indiana. October 25, 2013.

Topi, H. 2013. "Improving ERP Usability Through User-System Collaboration." Presentation at the University of Eastern Finland edTech[Δ] Symposium, Joensuu, Finland. September 12, 2013.

Topi, H. 2012. "Specialized Master's Programs: New Areas and Markets." Presentation at the *MIS Academic Leadership Conference*, Philadelphia, PA. November 3, 2012.

Topi, H. (chair), Conboy, K., Donnellan, B., Ramesh, V., and Wright. R.T. 2011. "Providing distinctive value through masters level programs in Information Systems." A panel discussion at the *AIS SIG-ED IAIM International Conference for Informatics Education & Research* in Shanghai, China, December 2011.

Topi, H. (chair), Wright, R.T., Donnellan, B., Schiano, W.T., Valacich, J.S., and Ramesh, V. "Future of Master's Level Education in Information Systems," A panel discussion at the *AMCIS 2010 Conference*, Lima, Peru, August 2010.

Kroeze, J., Lotriet, H., Mavetera, N., Pfaff, M., Postma, D., Sewchurran, K., and Topi, H. "Humanities-enriched Information Systems," A panel discussion at the *ECIS 2010 Conference*, Pretoria, South Africa, June 2010.

Topi, H. (chair), Valacich, J.S., Wright, R.T., Kaiser, K., Sipior, J., & Nunamaker, J. "IS 2009: Changing the Course for Undergraduate IS Model Curricula," A panel discussion at the ICIS 2009 Conference, Phoenix, Arizona, December 2009.

McGettrick, Andrew, McCauley, Renee, LeBlanc, Richard, Topi, Heikki. "Report on the ACM/IEEE-CS undergraduate curricula recommendations," A panel discussion at the *SIGCSE 2009 Conference*, Chattanooga, Tennessee, March 2009.

Topi, H. (chair), Valacich, J. S., Sipior, J., Wright, R. T. "Introducing a Draft Version of the Revised ACM/AIS Undergraduate IS Curriculum Recommendation," A panel discussion at the *AIS SIGED: IAIM International Conference 2008*, Paris, France, December 2008.

Topi, H. (chair), Donnellan, B., Helfert, M., & Johnson, R. 2008. "A New Global Process for Revising and Maintaining the Undergraduate IS Model Curriculum." A panel discussion at the *ECIS 2008 Conference*, June 9, 2008.

Topi, H. (chair), Sipior, J., Kaiser, K., & Valacich, J. 2007. "Introducing a New Way to Revise and Maintain the Undergraduate Information Systems Model Curriculum." A panel discussion at the *AIS SIG-ED 2007 Conference*, December 9, 2007.

Jacobson, C., Kasper, G., Topi, H., Mathieu, R., Redmond, R. & Sethi, V. 2007. "Accrediting Undergraduate and Graduate Programs in Information Systems: Why, Why Not, and How," A panel discussion at the *AMCIS 2007 Conference*, August 11, 2007.

Topi, H. (chair), Valacich, J., Nunamaker, J., & Sipior, J. 2007. "Undergraduate Information Systems Model Curriculum Revision: Rethinking the Approach and the Process," A panel discussion at the *AMCIS 2007 Conference*, August 11, 2007.

Batra, D., Satzinger, J., & Topi, H. 2007. "Analysis and Design in the IS Curriculum: Taking it to the Next Level," A panel discussion at the *AMCIS 2007 Conference*, August 10, 2007.

Topi, H., Shackelford, R., & Cassel, L. 2005. "Structuring and Representing a Unified Body of Knowledge for Computing -- A panel discussion." 2005 *SIG-ED IAIM International Conference for Informatics Education & Research*, Las Vegas, NV, December 11, 2005.

Topi, H., Lucas, W.T., & Babaian, T. 2004 "Enterprise Systems Usability." An invited session at the 2004 *DSI Annual Meeting*, Boston, MA, USA, November 21, 2004.

Lippert, S.K., Hunter, G., Clarke S., Loch, K.D., Stafford, T.F., Topi, H. & Trauth. E. 2003. "Reviewing Manuscripts: Considerations for Authors and Reviewers." Presentation and panel discussion at the *Information Resource Management Association Annual Conference 2003*, Philadelphia, PA, USA, May 2003.

Gorgone, J.T., Davis, G.B., Valacich, J.S., & Topi, H. 2002. "Final Report on Model Curriculum and Guidelines for Undergraduate Degree Programs in Information Systems – IS 2002." Presentation at a joint *IAIM/ICIS session, ICIS 2002*, Barcelona, Spain, December 15, 2002.

Lucas, W.T., Schiano, W.T, & Topi. H. 2002. "Web Search in IS Research." An invited session at the *2002 DSI Annual Meeting*, San Diego, CA, USA, November 23-26, 2002.

Topi, H. "Modeling Individual Decisions On the Use of Information Technologies: Integration of Two Theoretical Perspectives." *Diffusion Interest Group in Information Technology '94* Workshop in Vancouver, British Columbia, Canada, December 17, 1994.

Topi, H. "The Effects of Time Availability and Task Complexity on Human Performance in Database Query Tasks." *Ernst & Young Foundation/ICIS Doctoral Consortium held in conjunction with the Fifteenth Annual International Conference on Information Systems*, Victoria, British Columbia, Canada, December 13, 1994.

WORK IN PROGRESS

Continued work on ERP usability with T. Babaian, W. Lucas, and J. Xu building on the NSF-funded project "Design and Evaluation Methodologies for Enhancing ERP System Usability," grant #0819333.

Project exploring the nature and direction of the Information Systems discipline with Ryan Wright, Joe Valacich, Jay Nunamaker, and Gordon Davis.

Ongoing work on Information Systems reference curricula at both undergraduate and graduate levels.

COURSES TAUGHT

- Bentley College / University
  - CS340 Computer Networks I: Spring 2004, Fall 2000
  - CS350 Database Management Systems: Spring 2013, Fall 2012
  - CS360 Analysis, Modeling, and Design: Spring 2014, Spring 2001
  - CS361 Data Management with SQL: Spring 2003, Fall 2002
  - CS367 Information Retrieval and Reporting: Spring 2006 (Bahrain)
  - CS460 Applied Software Project Management: Spring 2007, Fall 2002, Fall 2001
  - CS605 Software Systems Analysis and Database Design: Spring 2014, Spring 2013, Fall 2004, Fall 2003, Spring 2003, Fall 2002, Spring 2002, Fall 2001 (graduate)
  - CS630 Object-Oriented Systems Engineering: Fall 2006, Fall 2005, Spring 2005 (graduate)
  - CS640 Telecommunications Network Architectures: Spring 2005, Spring 2004, Spring 2003, Spring 2002 (graduate)
  - CS642 Communication Networks I: Spring 2001 (graduate)
  - CS743 Advanced Topics in Networking: Fall 2003 (graduate)

- o International Summer Institute at Bentley: Electronic Business in the Global Economy (2006), Business Innovation Through Advanced Information Technology (2007, 2008, 2009, 2010, and 2011)
  - o GR620B Information Technology for Competitive Advantage: Fall 2013 (graduate)

- Indiana University Kelley School of Business
  - o S305 Business Telecommunications: Summer 2000, Spring 2000, Fall 1999, Summer 1999, Spring 1999, Fall 1998
  - o S307 Data Management: Summer 2000, Summer 1999
  - o S490 Business Telecommunications: Spring 1996
  - o S410 Systems Implementation: Spring 1996
  - o S210 Business Computing in COBOL: Fall 1995, Spring 1996
  - o S310 Systems Analysis & Design: Spring 1995
  - o S302 Management Information Systems: Spring 1995
  - o K201 The Computer in Business: Coordinator: Academic Year 1993-94; Instructor: Fall 1992, Spring 1993
- Helsinki School of Economics / Aalto University School of Business
  - o ITP Program: Managing a Software and Service Business (co-taught with faculty members from Aalto University): Summer 2013 and 2012
  - o ITP Program: Digital Economy and Information Industries: Summer 2002, 2003, 2004, 2005 and 2006
  - o ITP Program: Introduction to New Economy: Summer 2001
  - o ITP Program: Telecommunications and Information Industries: Summer 1999 and 2000
  - o International MBA and BBA Programs: Management of Information Systems: 1996, 1997 and 1998

INTERNAL SERVICE

- Bentley University: Member of Curriculum Policy Committee, 2013-present
- Bentley University: CIS Department, Member of faculty search committee, 2013-present
- Bentley University: AIS Student Chapter faculty co-advisor, 2012-present
- Bentley University: Member of institutional space planning task force, 2010-11
- Bentley University: Associate Dean of Business, Graduate & Executive Programs, 2007-2011
- Bentley College: Chair, CIS Department, 2006-7
- Bentley College: Member, College Promotion & Tenure Committee, 2006-2007
- Bentley College: CIS Department, Co-Chair of the Departmental Strategy Process, 2005
- Bentley College: Member of the Business-IT Task Force and Business-IT Council, 2005-2008
- Bentley College: Member of the Graduate School Design Task Force, 2004 - 2005
- Bentley College: Director of the MSIT Program, 2005 - 2006
- Bentley College: Associate Director of the MSIT Program, 2004 - 2005
- Bentley College: Profile Review Task Force, 2004 - 2005
- Bentley College: Chair of the Teaching and Scholarly Activities Committee, 2003 – 2006
- Bentley College: Member of the Graduate Curriculum Committee, 2004 - 2011
- Bentley College: Member of the Faculty Affairs Committee, 2001 - 2004
- Bentley College: Member of the Teaching and Scholarly Activities Committee, 2002 - 2006
- Bentley College: Member of the Library Advisory Committee, 2003 - 2008
- Bentley College: Member of the Academic Honesty Task Force, 2001 - 2002
- Bentley College: CIS Department, Member of the Research Committee, 2002 - 2004
- Bentley College: CIS Department, Member of the MSIT Committee, 2000 - 2007

EXTERNAL SERVICE

- ACM Education Board and Education Council, member, 2006 – present
- CSAB, Inc., Representative Director (ACM), 2009 – present
- Teradata University Network Executive Board, 2013 – present
- Partnership for Advancement of Computing Education (PACE) Administrative Director, 2013 – present
- Associate Editor, Communications of the AIS, 2012 - present
- Member of the Editorial Board/Senior Editor of Information Systems Management, 2004 – present
- Member of the Editorial Review Board for Journal of Database Management, 2001 -- present
- ABET, Inc. Academic Advisory Council, 2010 – 2013
- ABET, Inc. Alternate Member of the Board representing CSAB, 2008 - 2010
- Co-Chair of the international (ACM/AIS) IS model curriculum review process, 2007 - 2010
- CSAB, Inc. Planning Committee member 2003; Alternate Representative Director (AIS), 2004-2009
- Member of the CC2005 (ACM, CS-IEEE, AIS) Curriculum Overview Report Task Force, 2003-2005
- IRMA 2003 Program Committee member
- Ad hoc reviewer for *Information Systems Research*, *Decision Sciences*, *Management Science*, *MIS Quarterly*, *Requirements Engineering*, *Journal of Association for Information Systems*, *Communications of Association for Information Systems*, *ICIS*, *HICSS*, *AMCIS*, *DSI*, and *IRMA*.
- Member of the Graduate Management Admission Council (GMAC) 1999-2000 Research Policy Task Force

RESEARCH INTERESTS

- Usability of large-scale enterprise systems
- Human factors issues in data management; specifically, usability of database query interfaces and modeling techniques used in systems analysis and design (SA&D)
- Effects of time availability on various aspects of human-computer interaction
- Psychological factors affecting individual decisions on the use of information technologies.

TEACHING INTERESTS

- Data management, database management systems
- Systems analysis and design, particularly conceptual modeling and requirements analysis
- Telecommunications and networking (technology, business use of technologies including e-business, and industry)
- Ethical issues related to the use of information technologies at the individual, organizational, and societal levels

HONORS

- 2003 Professor of the Year Award by the Bentley College Graduate Student Association
- 2002 Bentley College Innovation in Teaching Award
- 2000 Student Choice Award by Indiana University Kelley School of Business CIS Club

- Beta Gamma Sigma, 1995
- Invited to participate in the Ernst & Young Foundation/ICIS Doctoral Consortium held in conjunction with the Fifteenth Annual International Conference on Information Systems, Vancouver, Canada, December 1994.
- Saastamoinen Foundation (Helsinki, Finland) Academic Scholarship for Graduate Studies in the U.S. May 1994.
- Foundation for Economic Education (Helsinki, Finland) Academic Scholarships for Graduate Studies in the U.S. March 1992, April 1993, and April 1994.

AFFILIATIONS

Association for Computer Machinery (ACM)
The Association for Information Systems (AIS)