

Timothy R. Hill
Professor and Director
School of Information Systems and Technology
Lucas College and Graduate School of Business
San José State University
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EDUCATIONAL BACKGROUND

PhD in Management Information Systems, Indiana University, 1988
MBA, Indiana University, 1987
MS in Industrial Engineering, Purdue University, 1985
BS in Industrial Engineering, Purdue University, 1982

ACADEMIC AND PROFESSIONAL POSITIONS

Professor, San José State University, San José, CA, 2001-present
Director/Department Chair, San José State University, San José, CA, 2005-2021
Interim Associate Dean, Lucas Graduate School of Business, 2011-2012
Visiting Lecturer, The University of Auckland Business School, NZ, 2008
Acting Department Chair, San José State University, San José, CA, 2004-2005
Associate Professor, San José State University, San José, CA, 1999-2001
Visiting Professor, San José State University, San José, CA, 1998-1999
Visiting Professor, Naval Postgraduate School, Monterey, CA, 1997
Principal, l'Autre Monde Productions, Inc., Berkeley, CA, 1994-1998
Assistant Professor, University of Hawaii, Manoa, HI, 1988-1993
Associate Instructor, Indiana University, Bloomington, IN, 1985-1987
Systems Analyst, US Veterans Administration, Indianapolis, IN, 1984
Teaching Assistant, Purdue University, West Lafayette, IN, 1982-1983
Systems Analyst, Pritsker and Associates, West Lafayette, IN, 1982

AWARDS, FELLOWSHIPS AND HONORS

Association for Information Systems Award for Best Paper in IS Education, 2016
3rd Place, Teaching Innovation Awards, European Conference on Innovation & Entrepreneurship, 2016
Linda Morasch Innovative Teaching Fellow, 2007-2015
Association for Information Systems Award for Best Conference Paper in IS Education, 2013
Master Teacher, College of Business, San José State University, 2008
San José State University Teacher/Scholar (from College of Business), school year 2002/3
Voted Outstanding Undergraduate Instructor, College of Business, San José State University, 2000
Nominated, Outstanding Professor of the Year, San José State University, 2000
Nominated, Outstanding Professor of the Year, San José State University, 1999
Teaching Excellence Award, University of Hawaii, 1993
Teaching Excellence Award, University of Hawaii, 1991
All-Time Favorite Teacher, Inter-Business Council, University of Hawaii, 1989
IBM Doctoral Fellowship, Indiana University, 1987
Indiana University Doctoral Fellowship, 1985

RESEARCH AND TEACHING INTERESTS

Digital social impacts, e-Personas, e-Perception
e-Learning/Technology-Supported Learning
e-Commerce

PUBLICATIONS

Journals

Aggarwal, N., Albert, L., Hill, T. R., Rodan, S. (2020) "Risk knowledge and concern as influences of purchase intention for internet of things devices", *Technology in Society*, 62 (2020) 101311. doi: 10.1016/j.techsoc.2020.101311

Albert, L., Rodan, S., Aggarwal, N., and Hill, T. R. (2019). "Gender and Generational Differences in Consumers' Perceptions of Internet of Things (IoT) Devices", *e-Journal of Social & Behavioural Research in Business*, 10(3), 41–53.

Hill, T. R., Chidambaram, L., and Summers, J. D. (2017). "Playing 'Catch Up' with Blended Learning: Performance Impacts of Augmenting Classroom Instruction with Online Learning", *Behaviour and Information Technology*, 36(1), 54-62.

Albert, L., Aggarwal, N. & Hill, T. (2014). "Influencing Customers' Purchase Intentions Through Firm Participation in Online Consumer Communities", *Electronic Markets*, 24(4), 285-295.

Albert, L., Hill, T. R. & Rozenblum, T. (2013). "An Empirical Investigation of the Effects of Gender and Quantity of Search Results on Web-based Impression Formation", *Journal of Information Technology Research*, 6(1), 32-50.

Burkhard, R., T. Hill and S. Venkatsubramanyan, (2011). "The Emerging Challenge of Knowledge Management Ecosystems: A Silicon Valley High Tech Company Signals the Future", *Information Systems Management* (Special issue on Exploring the Frontiers of Knowledge Management Transfer in the Public and Private Sector), 28(1), 5-18.

Albert, L., T. Hill and S. Venkatsubramanyan, (2011). "Effects of Perceiver / Target Gender and Social Networking Presence on Web-based Impression Formation", *International Journal of E-Politics* (Special Issue on Gender and Computing), 2(2), 1-19.

Venkatsubramanyan, S. and T. Hill, (2009). "An Empirical Investigation into the Effects of Web Search Characteristics on Decisions associated with Impression Formation", *Information Systems Frontiers*, 12(5), 579-593.

Furneaux, B., T. Hill, W. Smith, S. Venkatsubramanyan, J. Wang, A. Washington, and P. Witman. (2009). "AMCIS 2008 Panel Report: Aging Content on the Web: Issues, Implications and Potential Research Opportunities", *Communications of the AIS*, 24(1).

Bray, D., L. Chidambaram, M. Epstein, T. Hill, D. Thomas, S. Venkatsubramanyan and R. Watson. (2006). "AMCIS 2006 Panel Report: The Web as a Digital Reflection Of Reality", *Communications of the AIS*, 18(28).

Hill, T. and M. Roldan. (2005). "Toward Third Generation Threaded Discussions for Mobile Learning: Opportunities and Challenges for Ubiquitous Collaborative Environments", *Information Systems Frontiers*, 7(1), 55-70.

Hill, T. (2002) "Cisco Kids: Education and the new e-Marketplace", *e-Service Journal*, 1(2). (invited)

Nelson, M., T. Hill, W. Remus and M. O'Connor. (1999). "Time Series Forecasting Using Neural Networks: Should the Data Be Deseasonalized First?", *Journal of Forecasting*, 18(5/6), 359-370.

Jones, B., Hill, T, and D. Coffee. (1998). "Computer-Aided Negotiation For Classroom Instruction: Assessing Neural Network Potential", *Journal of Educational Technology Systems*, 27(1), July 1998, 55-62.

Hill, T. and B. Jones. (1996) "A Prototype NSS Based on Problem Structure and Suggestions Toward More Comprehensive Negotiation Support", *Group Decision and Negotiation*, 5 (5), September 1996, 411-432. (Also reprinted as a chapter in *Group Decision and Negotiation*, ed. M. Shakun, Kluwer Academic: Norwell, MA, 1996, 111-132.)

Hill, T., W. Remus, and M. O'Connor. "Neural Network Models for Time Series Forecasts", *Management Science*, 42(7), July 1996, 1082-1092.

Jones, B. and T. Hill. (1994). "Computer-aided Negotiation for Classroom Instruction", *Journal of Educational Technology Systems*, 22 (4), 327-35.

Remus, W. and T. Hill. (1994). "Neural Network Models of Managerial Judgment", *Advances in Artificial Intelligence in Economics, Finance, and Management*, (1), 177-191.

Hill, T., L. Marquez, M. O'Connor, and W. Remus. (1994). "Neural Network Models for Forecasting and Decision Making", *International Journal of Forecasting*, (10), 5-15.

Hill, T. and W. Remus. (1994). "Neural Network Models for Intelligent Support of Managerial Decision Making", *Decision Support Systems*, (11), 449-459.

Hill, T. and S. Roberts. (1987). "A Prototype Knowledge-Based Simulation Support System", *Simulation*, 48(4), 15-21.

Book Chapters

Hill, T. (2016). "The Salesforce Business Systems Innovation Labs: A Storification/Social Media Approach for iGeneration Engagement", *Innovation and Entrepreneurship Teaching Excellence Awards 2016*, Remenyi, D. (Ed), Academic Conferences and Publishing International Ltd, UK, pp 45-55. (Teaching Excellence Award, 3rd Place)

Albert, L., T. Hill and S. Venkatsubramanian. (2010). "Gender Differences in Social Networking Presence Effects on Web-based Impression Formation", *Gender and Social Computing: Interactions, Differences and Relationships*, Livermore, C. R. (Ed), IGI-Global, Hershey, PA.

Hill, T. and Chidambaram, L. (2000). "Web-based Collateral Support for Traditional Learning: A Field Experiment", *Web-Based Learning & Teaching Technologies: Opportunities and Challenges*, A. K. Aggarwal (editor), Idea Group Publishing. (Awarded Outstanding Research on College Teaching and Learning for the College of Business by SJSU Institute for Teaching and Learning)

Marquez, L., T. Hill, R. Worthley, and W. Remus. (1993). "Neural Network Models as an Alternative to Regression", *Neural Networks in Finance and Investing*, Trippi, R. and Turban, E. (Eds), Probus: Chicago, 435-449.

Sprague, R., I. Benbasat, O. El-Sawy, D. King, T. Hill, H. Sol, and P. Todd. (1992). "Technology Environments to Support Decision Processes", *Information Systems and Decision Processes*, Stohr, E. And Konsynski, B. (Eds), IEEE Computer Society Press: Los Alamitos, CA.

Remus, W. and T. Hill. (1992). "Capturing Human Judgement with Neural Networks", *Expert Systems and Neural Networks*, Hamza, M. H. (Ed), Acta Press: Anaheim, 20-22.

Hill, T., and B. Jones. (1990). "Negotiation Support Systems: A Framework and Prototype for Empirical Development", *Environments for Supporting Decision Processes*, Sol, H. and Vecsenyi, J., (eds), North-Holland: New York, 1991, 105-114. (Originally published in *Proceedings of the IFIP International Conference on Environments for Supporting Decision Processes*, Budapest.)

Conference Proceedings

- Chen, Y and T. R Hill (2020). Teaching Business Students Chatbots: First Forays and Lessons Learned. *Proceedings of the 26th Americas Conference on Information Systems*, August 10-14.
- Lee, T. Jagannath, K., Aggarwal N., Sridar, R., Wilde, S., Hill, T. and Y. Chen. (2019). Intelligent Career Advisers in Your Pocket? A Need Assessment Study of Chatbots for Student Career Advising. *Proceedings of the 25th Americas Conference on Information Systems*, Cancun, MX, August 15-17.
- Hill, T. R., Dolye, M., Kocsis, D., Sessions, R. and R. Jackson. (2017). Inroads to Engaging iGeneration Students in Innovative IS Education: Lessons Learned in the Trenches, *Proceedings of the 23rd Americas Conference on Information Systems*, Boston, MA, August 10-12.
- Hill, T. R., and W. Nance. (2016). Innovating Business Systems Labs for Engaging iGeneration Students, *Proceedings of the 22nd Americas Conference on Information Systems*, San Diego, CA, August 11-14. (AIS Award for Best Paper in IS Education)
- Venkatsubramanyan, S., Aggarwal, N., Hill, T. R. and P. Chandra. (2015). Can multi-touch display technology support enhanced learning by enabling “pseudo-haptic” direct manipulation of concept models?, *Proceedings of the 2015 Western Decision Sciences Institute Annual Meeting*, Maui, Hawaii, March 31-April 3.
- Hill, T. R., Chidambaram, L., & Summers, J. (2013). A Field Experiment in Blended Learning: Performance Effects of Supplementing the Traditional Classroom Experience with a Web-based Virtual Learning Environment, *Proceedings of the 19th Americas Conference on Information Systems*, Chicago, Illinois, August 15-17. (AIS Award for Best Conference Paper in IS Education)
- Hill, T. R., Burkhard, R., Kim, C. S., & Venkatsubramanyan, S. (2012). Direct Manipulation Tablet Apps for Education: How Should We Understand Them? *Proceedings of the 18th Americas Conference on Information Systems*, Seattle, Washington, August 9-11.
- Venkatsubramanyan, S. and T. Hill, (2009) “Impact of Gender Differences in Impression Formation in the context of Presence on Social Networking Web Sites”, *Proceeding of the AIS Americas Conference on Information Systems 2009*, San Francisco.
- Venkatsubramanyan, Shailaja and Hill, Timothy R. (2007). “ePersona and ePerception: How do People form Opinions about Others on the Web?”, *ISOneWorld 2007*.
- Hill, T. (2004). “Envisioning Next-Generation Online Discussion: Immersive Layered Rich Media for e-Learning and Knowledge Management”, *Proceeding of the AIS Americas Conference on Information Systems 2004*, New York City.
- Hill, T. (2003). “Leveraging Mobile Technology for m-Learning: 3rd Generation Threaded Discussions”, *Proceedings of the Hawaii International Conference on System Sciences*.
- Hill, T. (2001) “Mobile Technology and Online Class Discussions: A Conceptualization in m-Learning”, *Proceedings of the International Conference on Informatics Education and Research*.
- Hill, T., Chidambaram, L. and Griggs, K. (2000). “Introduction to the Mini-track on Emerging Learning Technologies, Pedagogies and Marketplace Issues”, *Proceeding of the AIS Americas Conference on Information Systems 2000*, Long Beach.
- Hill, T. and L. Chidambaram. (2000). “Classroom Session Replays via Web-based Streaming Audio: Assessing Learning Effects of Audio Search and Streaming Glossary Capabilities”, *Proceedings of the Western Decision Sciences Institute Conference*, Kapalua, Maui. (Winner: Best Paper of Track)
- Hill, T. (1999). “Collateral Distance Communication Support of Traditional Classroom Learning: An Empirical Study”, *Proceedings of the Hawaii International Conference on System Sciences*.

- Nelson, L., T. Hill, W. Remus and M. O'Connor. (1997). "Time series forecasting using neural networks: should the data be deseasonalised first?", *Proceedings of the Fourth International Meeting of the Decision Sciences Institute*, Vol II, Sydney, 725-727.
- Remus, W. and T. Hill. (1992). "Neural Networks for Forecasting and Decision Making", *13th Annual International Conference on Information Systems*, Dallas.
- Marquez, L., T. Hill, M. O'Connor and W. Remus. (1992). "Forecasting with Neural Networks: A Review", *Proceedings of the Hawaii International Conference on System Sciences*, Vol IV, 494-498.
- Remus, W. and T. Hill. (1992). "Neural Networks for managerial Judgement", *Proceedings of the Hawaii International Conference on System Sciences*, Vol. IV, 340-344.
- Marquez, L., T. Hill, R. Worthley, and W. Remus. (1991). "A Simulation Study of Neural Networks", *Proceedings of the Hawaii International Conference on System Sciences*.
- Srinivasan, A. and T. Hill. (1987). "A Regression Approach to Performance Analysis for Differential File Database Architecture", *Proceedings of the Third International Conference on Data Engineering*, Los Angeles.
- Hill, T. (1986). "Intelligent Decision Support Systems: Survey, Assessment and Direction", *Proceedings of the 7th Annual International Conference on Information Systems*, San Diego.
- T. Hill and A. Srinivasan. (1986). "A Simulation Study of the Performance of Differential File Structures", *Proceedings of the 1986 National Decision Sciences Institute Annual Meeting*, Honolulu.

Conference Presentations (in addition to above)

- Hill, T. (2018). "Salesforce + Storification: Experiential IS Education Even an HR Student Could Love", *AIS Student Chapter Leadership Conference*, Dallas, TX, April 12-14.
- Hill, T. (2016). "The Salesforce Business Systems Innovation Labs^[SEP]: A Storification/Social Media Approach for iGeneration Engagement", *11th European Conference on Innovation and Entrepreneurship Teaching Innovation Awards* (3rd Place), Jyväskylä, Finland, September 15-16.
- Hill, T. (2015). "The Salesforce Tech/Innovation Labs at San Jose State University: A Social Media/Storification Approach for Engaging the iGeneration", *Stanford University ATXpo: Ideas with Impact*, Palo Alto, CA, October.
- Hill, T. (2015). "Storification, Social Media & Salesforce: Business Systems Lab Engagement for the iGeneration", Academic Professional Development Workshop, *AIS Americas Conference on Information Systems 2016*, Puerto Rico, August.
- Burkhard, R., Hill, T., Venkatsubramunyan, S. (2009). "Silicon Valley Startup Intacct Challenges Industry Giants with Cloud Computing-Based Management Systems, Effecting Client Focus Shift from Infrastructure to Process Rethink", Embryo Case, *Embryo Case Track. North American Case Research Association (NACRA) Conference*, Santa Cruz, CA, October.
- Venkatsubramunyan, Shailaja and Hill, Timothy R. (2007). "Evaluating Potential Team Members Using Search Results: An Experimental Study", *International Symposium on Information Systems (ISIS)*, Hyderabad, India, December. (bound abstract)
- Hill, T., and L. Chidambaram, (2000). "Web-based Support for Traditional Learning: Patterns of Use over Time", *Group Decision and Negotiation 2000*, Glasgow, July.
- Chidambaram, L., T. Hill, and C. Vician. (1999). "Supporting Teamwork in Higher Education", *InfORMS Conference on Information Systems and Technology*, panel discussion, Cincinnati, May.
- Hill, T. and B. Jones. (1994). "A Prototype Negotiation Support System Based On Problem Structure And Directions Toward Expanded Support", *TIMS/ORSA Joint National Meeting*, Boston, April.

Jones, B. and T. Hill. (1992). “A Neural Network Approach To Negotiation Support”, invited presentation, *TIMS/ORSA Joint National Meeting*, San Francisco, November.

Hill, T. and B. Jones. (1991). “Negotiation Support Systems: A Prototype”, invited presentation, *ORSA/TIMS Joint National Meeting*, Nashville, May.

Other Presentations

Hill, T. R. (2021, 2022). *Notes on Storytelling for Engaging e-Learning*. Class presentation in doctoral program course in Transdisciplinary Studies–TNDY 404S: eLearning, Claremont Graduate University, March 3, 2021 and March 10, 2022.

Textbooks/Lab Manuals

Hill, T. R. (2017). *Digital Business Transformation Labs*. Pleasanton, CA: The Max Labs Project.

GRANT FUNDING

Backer, P (PI), M. Gorney-Moreno, M. Roldan, T. Hill, W. Yu, and X. Su. (2003). “Problem-Based Learning Through Mobile Technology”, sponsored by Hewlett-Packard (\$227,342), March, 2003.

TEACHING

San José State University

Fundamentals of Management Information Systems (undergrad requirement), 2 semesters.

Information Security Management (undergraduate elective), 7 semesters.

Networks (undergraduate requirement), 7 semesters.

Database Management Systems (undergraduate requirement), 1 semester.

Business Strategy & Information Systems (undergraduate requirement), 7 semesters.

The University of Auckland, New Zealand

Modeling and Analysis for Management (MBA requirement), 1 term.

Naval Postgraduate School

Database Management Systems (graduate requirement), 1 quarter.

Software Design (graduate requirement), 1 quarter.

University of Hawaii

Database Management & Data Structures, (undergraduate requirement), 9 semesters.

Systems Analysis and Design (undergraduate requirement), 2 semesters.

Advanced Systems Simulation (graduate elective), 1 semester.

Simulation Modeling and Analysis (graduate elective), 2 semesters.

Simulation Modeling and Analysis (undergraduate elective), 4 semesters.

Management Science (undergraduate requirement), 1 semester.

Japan-America Institute of Management Science (Japanese national students)

Database Management & Data Structures (graduate requirement), 2 terms.

Indiana University

Production Management (undergraduate requirement), 2 semesters.

Computers for Business: FORTRAN programming (undergraduate requirement), 4 semesters.

ACADEMIC SERVICE

Co-chair for Mid-Career Consortium, ICIS 2025
Faculty Coordinator for SJSU participation in AMCIS 2021 Social Project
External Tenure/Promotion Reviewer (University of Reading, 2019; Claremont Graduate University, 2020)
Poster Session Chair, ICIS 2018
Co-chair for Junior Faculty Consortium, AMCIS 2016
Co-chair for Doctoral Consortium, AMCIS 2009
Co-chair for Minitrack on “The Web as a Digital Reflection Of Reality, AMCIS 2009
Co-chair for panel on “The Web as a Digital Reflection Of Reality”, AMCIS 2006
Co chair for panel on “Aging Content on the Web: Issues, Implications and Potential Research Opportunities”, AMCIS 2008
Minitrack co-chair for "Emerging Global Learning Technologies", 5th Annual Global Information Technology (GITM) World Conference, San Diego, 2004.
Guest editor, *e-Service Journal: Special Issue on Education in the new e-Marketplace*, January 2002
Minitrack co-chair (three years) for “Emerging Learning Technologies, Pedagogies and Marketplace Issues”, *AIS Americas Conference on Information Systems 2000* (and *2001 and 2002*), Long Beach (and Boston and Dallas), August 2000 (and 2001 and 2002).
Contributor to Multimedia Educational Repository for Learning and Online Teaching (MERLOT) and Participant and MIS team leader for On-line Learning Exchange National Initiative, Spring 2000.
Minitrack chair (2 years) and co-chair (2 years) for “Neural Network Applications in Business”, *Hawaii International Conference on System Sciences*, 1989-92

ADMINISTRATIVE SERVICE

SISTech MBA Core Course Design Curriculum Sub-Committee, Spring 2022
College Search Committee: Director, Jack Holland Student Success Center, Fall 2021
SISTech Faculty Search Committee, AY 21/22
SISTech Program Learning Goals (PLO 5/6) Assessment Task Force, AY 21/22
Chair, Search Committee: LCoB Associate Dean for Undergraduate Studies, Spring 2018
Co-chair, LCoB Strategic Planning Taskforce, Fall 2018
Search Committee: College of Business Dean, Spring 2016
Chair, CIO Scholarship Fund Selection Committee, 2015-2021
Search Committee: Director, Silicon Valley Big Data and Cybersecurity Center, 2015/16
Chair, Lucas Fellowship Committee, 2014/15
SJSU MS Cybersecurity Design Team, 2014/15
Internship Faculty Advisory Committee, 2014/15
CSU Teaching Business Council, 2007-2010
Chair, Dean Search Committee, College of Business, San José State University, 2007-2008.

Review Committee for Associate Vice President for Academic Technology, Fall 2007.

Faculty Advisor, Alpha Kappa Psi Business Fraternity, 2006-present.

Established and administering Technology-Mediated Learning Services, San José State University College of Business, 1999-current.

Chair, Computer Committee, overseeing all college computing equipment and services and personnel, San José State University College of Business, since January 2001.

Chair, Task Force on Center for Faculty Development & Support, San José State University, 2003.

Chair, University Information Technology Board, San José State University, school year 2001/2002.

Regular presentations in College of Business Distributed Learning Workshop for faculty, San José State University since 1999.

Keynote speaker, Graduation Convocation, San José State University College of Business, 2000.

Faculty Advisor, MIS Club, San José State University College of Business, 1999-2003, 2007.