

THEODORE HENRY KING CLARK

Department of Information Systems, Business Statistics and Operations Management
Hong Kong University of Science and Technology
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PRIMARY TEACHING/RESEARCH INTEREST

1. Management of IS

SPECIFIC RESEARCH INTERESTS

1. Management of IS
2. Technology and Innovation
3. IS Strategy

SPECIFIC TEACHING INTERESTS

1. Management of IS
2. Technology and Innovation
3. IS Strategy

EDUCATION

Concord Law School, Los Angeles, CA 2000 – 2003 (online law school)
Juris Doctorate (Law) degree. Software and Intellectual Property Law focus.

Harvard Graduate School of Business Administration, Boston, MA, USA, 1989 - 1994
Doctorate in Business Administration - Information Systems Specialization.

Harvard Graduate School of Business Administration, Boston, MA, USA, 1983 - 1985
MBA degree, graduated with highest honors. Designated as Baker Scholar.

Brigham Young University, Provo, Utah, USA, 1978 - 1982
B.Sc. in Electrical Engineering, with honors.

COURSES TAUGHT

MBA Core Course in Management of Information Systems

MBA Core Course in Strategy

MBA/MSc Electives: Business Simulation and Strategic Management, IT and Intellectual Property Law, Information Technology Strategy, Advanced IT Strategy (second course on topic), Software Project Management, Global Electronic Commerce, B2B Electronic Commerce, Knowledge Management, Electronic Commerce Law, Business Process Reengineering, Outsourcing Management, Electronic Commerce Marketing, Business Essentials for IT Professionals

UG (Undergraduate) Electives: Supply Chain Management (co-taught), Protecting Business Innovation, Global Business Management (Core Course – cotaught), Case Study Analysis and Competition, Management of Information Systems (Core Course – cotaught), Business Simulation and Strategic Management

HONORS AND AWARDS

Dean's Doctoral Fellow, Harvard Business School, 1989-1992.
Baker Scholar, Harvard Business School, 1985.
Phi Kappa Phi, Academic Honor Society, 1982.
Sigma Xi, Scientific Research Honor Society, 1982.
Tau Beta Pi, Engineering Honor Society, 1982.
Institute of Nuclear Power Operations Scholar, 1982.
Henrietta Clyde Engineering Scholarship, 1981.
Electrical Engineering Departmental Scholarship, 1980.

PROFESSIONAL EXPERIENCE

Hong Kong University of Science & Technology, 1994 - present
Associate Professor (2000-2009), IS Faculty Deputy Head (July 2000 – September 2002), Academic Director of MSc in IS Management Degree Program (1997-2009) and Cisco Regional Academic Director and Regional Academy Instructor (1999-2003), Department of Information and Systems Management, School of Business and Management.

The Wharton School, University of Pennsylvania, 1998 – 2001
Visiting Associate Professor (one semester per year for three years), taught MBA core bracket course on Information Systems Strategy (received letter of recognition for teaching excellence from Dean), Department of Operations and Information Management.

Harvard Graduate School of Business Administration, 1990 - 1994
Research Assistant for Information Systems teaching group.

McKinsey & Company, Engagement Manager, 1985 - 1990, part-time 1992 - 1994
Specialized in strategy and marketing issues for information technology businesses.

IBM, Robotics Business Unit, Boca Raton, FL, USA, 1984
Assistant to the Director of Marketing.

IBM, Federal Systems Division, Manassas, VA, USA, 1982-3
Electrical Engineer and Project Manager; designed control systems for nuclear submarines.

Brigham Young University, Provo, Utah, USA, 1982
Instructor, taught upper level engineering course on Power Systems design. This was the first time the engineering school had allowed an undergraduate student to serve as Instructor for an entire course (not just a lab). At the time, I had been admitted to the MSc program.

Selected Journal Publications:

Clark, T. H. and D. B. Stoddard: "Interorganizational Business Process Redesign: Merging Technological and Process Innovation," *Journal of Management Information Systems (JMIS)*, Vol 13, No 2, Fall, 1996.

Lovelock, P., T. H. Clark and B. A. Petrazzini: "The 'Golden Projects': China's National Networking Initiative," *Information Infrastructure and Policy*, 1996.

Lee, H. G. and T. H. Clark: "Impacts of Electronic Marketplace on Transaction Cost and Market Structure," *International Journal of Electronic Commerce (IJEC)*, Fall, 1996.

Clark, T.H. and H. G. Lee: "EDI-Enabled Channel Transformation: Extending Business Process Redesign Beyond the Firm," *International Journal of Electronic Commerce (IJEC)*, Vol 2, No 1, Fall, 1997.

Lee, H. G. and T. H. Clark: "Market Process Reengineering through Electronic Market Systems: Opportunities and Challenges," *Journal of Management Information Systems (JMIS)*, Vol 13, No 3, Winter, 1997.

Clark, T. H., and J. H. Hammond: "Reengineering Channel Reordering Processes to Improve Total Supply-Chain Performance," *Journal of Production and Operations Management (JPOM)*, Vol 6, No 3, Fall 1997.

Clark, T. H: "Information Technology and the Virtual Organization," *International Journal of Electronic Commerce (IJEC)*, Vol 3, No 1, Fall 1998.

Lee, H. G., T. H. Clark and K. Y. Tam: "Can EDI Benefit Adopters?" *Information Systems Research (ISR)*, Vol 10, No 2, June 1999.

Clark, T. H: "Leveraging Technology to Create a World-Class Library," *Journal of Global Information Management*, Vol 7, No 4, Oct-Dec 1999.

Clark, T. H., H. G. Lee: "Performance, Interdependence and Coordination in Business-to-Business Electronic Commerce and Supply Chain Management," *Information Technology and Management*, 2001.

Clark, T. H., Croson, D. C., and William T. Schiano: "A Hierarchical Model of Supply-Chain Integration: Information Sharing and Operational Interdependence in the US Grocery Channel," *Information Technology and Management*, 2002.

Hu, J.H., Ma, W.K., & Clark, T.H., "Examining Key Intention Determinants in Technology Acceptance by Individual Teachers: A Survey Study in Hong Kong," *Information & Management*, 2002.

Will Ma and Theodore Clark, "Examining the Cognitive Style Effects on the Acceptance of Online Community Weblog Systems," *International Journal of Communications Law and Policy*, May, 2006.

Paul Hu, Wendy Hui, Theodore Clark, and Kar Yan Tam, "Technology-Assisted Learning and Learning Style: A Longitudinal Field Experiment," *IEEE Transactions on Systems, Man, and Cybernetics*, November 2007.

Wendy Hui, Paul Jen-Hwa Hu, Theodore H.K. Clark, Kar Yan Tam, and John Milton, "Examining the Effectiveness and Satisfaction in e-Learning: A Longitudinal Field Study of English", to be published in 2009 in *Journal of Computer-Assisted Learning*, forthcoming.

Selected Other Publications:

Clark, T. H., and J. L. McKenney: "Consolidated Freightways: The On-Board Computer Project", HBS Case #9-191-069, Harvard Business School, Boston, MA, 1990.

Clark, T. H., and M. C. Jensen: "The Newhall Land and Farming Company (A)," HBS Case #9-192-049, Harvard Business School, Boston, MA, 1991.

Clark, T. H., and M. C. Jensen: "The Newhall Land and Farming Company (B)," HBS Case #9-192-050, Harvard Business School, Boston, MA, 1991.

Clark, T. H., and J. L. McKenney: "H. E. Butt Grocery Company", HBS Case #9-191-028, Harvard Business School, Boston, MA, 1991.

Teisberg, E. O., and T. H. Clark: "The Desktop Printer Industry in 1990," HBS Case #9-390-173, Harvard Business School, Boston, MA, 1992.

Clark, T. H., D. C. Croson, J. L. McKenney, and R. L. Nolan: "H. E. Butt Grocery Company: A Leader in ECR Implementation," HBS Case #9-195-125, Harvard Business School, Boston, MA, 1994.

Clark, T. H., and D. B. Stoddard: "Interorganizational Business Process Redesign: The Procter & Gamble Case," HBS Working Paper #94-077, presented at TIMS conference, Alaska, 1994.

Clark, T. H.: "Linking the Grocery Channel: Technological Innovation, Organizational Transformation, and Channel Performance", Doctoral Dissertation, Harvard Business School, Boston, MA, 1994.

Clark, T. H., and J. H. Hammond: "Channel Transformation: Improving Supply-Chain Performance by Redesigning Channel Replenishment Processes", HBS Working Paper #95-093, Harvard Business School, Boston, MA, 1995, presented at the Competing in a Global Market: Technology and Supply Chain Management Perspectives Conference, Hong Kong University of Science and Technology, Hong Kong, 1995.

Clark, T. H. and H. T. Zhang: "Developing Supply Chain Management Capabilities to Improve Consumer Goods Production and Distribution Efficiencies in Hong Kong," Working Paper, Hong Kong University of Science and Technology, presented to the Hong Kong Article Numbering Association, 1995.

Clark, T. H.: "Improving Efficiency in the Hong Kong Grocery Industry through Supply Chain Management: A Proposal for the Industry," Working Paper, Hong Kong University of Science and Technology, Hong Kong, presented to the Board of Directors of the Hong Kong Article Numbering Association, Hong Kong, 1995.

Clark, T. H.: "Interdependence, Coordination, and Productivity in the US Grocery Channel," Uniform Code Counsel (UCC) Research Report, Dayton, Ohio, 1995.

Clark, T. H., and J. L. McKenney: "Linking the Grocery Channel: Management Issues of Implementing Interorganizational Connectivity", HBS Working Paper #95-019, Harvard Business School, Boston, MA, 1995.

Clark, T. H., and J. L. McKenney: "Procter & Gamble: Improving Consumer Value Through Process Redesign," HBS Case #9-195-126, Harvard Business School, Boston, MA, 1995.

Schiano, W., T. Clark, and J. L. McKenney: "Hannaford Brothers: Leading the Grocery Channel Transformation," HBS Case #9-195-127, Harvard Business School, Boston, 1995.

Clark, T. H., D. C. Croson, J. L. McKenney, and R. L. Nolan: "H. E. Butt Grocery Company: A Leader in ECR Implementation," in Applegate, L. M., F. W. McFarlan, and J. L. McKenney: Corporate Information Systems Management: Text and Cases, Chicago: Irwin, 1996.

Clark, T. H. and John J. Sviokla: "China Internet Corporation -- <http://www.china.com>", Case Study 9-39601, Hong Kong University of Science and Technology, Hong Kong, 1996.

Clark, T. H. and John J. Sviokla: "China Internet Corporation", HBS case #9-396299, Harvard Business School, 1996 (co-branded case with both HBS and HKUST logos).

Clark, T. H., Peter Lovelock, and Ben A. Petrazzini: "China's Golden Projects: Re-engineering the National Economy", Case Study 9-39602, Hong Kong University of Science and Technology, Hong Kong, 1996.

Clark, T. H., Peter Lovelock, and Ben A. Petrazzini: "China's Golden Projects: Re-engineering the National Economy", HBS case #9-396283, Harvard Business School, 1996 (co-branded case with both HBS and HKUST logos).

Clark, T. H. and Alvin Chu: "Global Electronics Manufacturing (HK), Ltd.", Case Study 9-39603, Hong Kong University of Science and Technology, Hong Kong, 1996.

Clark, T. H. and P. Lovelock: "Andersen Consulting: The Asia Intranet Opportunity," Case Study 9-39604, Hong Kong University of Science and Technology, Hong Kong, 1996.

Clark, T. H.: "Security First Network Bank (SFNB)," Case Study 9-39605, Hong Kong University of Science and Technology, Hong Kong, 1996.

Clark, T. H., and J. L. McKenney: "Procter & Gamble: Improving Consumer Value Through Process Redesign," in Applegate, L. M., F. W. McFarlan, and J. L. McKenney: Corporate Information Systems Management: Text and Cases, Chicago: Irwin, 1996.

Clark, T. H. and D. B. Stoddard: "Interorganizational Business Process Redesign: Merging Technological and Process Innovation", 29th Annual Hawaii International Conference on System Sciences (HICSS), Winner of best paper award for the Organizational Systems and Technology Track, Hawaii, 1996.

Clark, T. H. and W. Schiano: "Seven Level Model of Organizational Connectivity", 29th Annual Hawaii International Conference on System Sciences (HICSS 96), Hawaii, 1996.

Petrazzini, B. A. and T. H. Clark: "Evolving Telecommunications Regulatory Regimes in Developing Countries", 18th Annual Pacific Telecommunications Conference, Hawaii, 1996.

Petrazzini, B. A. and T. H. Clark: "Costs and Benefits of Telecommunications Liberalization in Developing Countries", Institute for International Economics Conference on Liberalizing Telecommunications Services, Washington, D. C., 1996.

Clark, T. H. and H. G. Lee: "EDI Enabled Channel Transformation: Extending Business Process Redesign Beyond the Organization", Ninth International EDI-IOS Conference, Bled, Slovenia, 1996.

Lee, H. G. and T. H. Clark: "Economic Benefits and Adoption Barriers of Electronic Market Systems", Ninth International EDI-IOS Conference, Bled, Slovenia, 1996.

Clark, T. H.: "Asia Online: The Online Service for Asia," Case Study 9-39710, Hong Kong University of Science and Technology, Hong Kong, 1997.

Clark, T. H., and S. L. Cook: "Hong Kong SuperNet," Case Study 9-39706, Hong Kong University of Science and Technology, Hong Kong, 1997.

Lovelock, P., and T. H. Clark: "Financial Times Syndication Services: Making Money on the Web," Case Study 9-39711, Hong Kong University of Science and Technology, Hong Kong, 1997.

Matsuda, M., T. H. Clark and H. G. Lee: "Electronic Commerce for Agricultural Transactions: Role of Intermediaries and Accurate Pricing", 30th Annual Hawaii International Conference on System Sciences (HICSS), Hawaii 1997.

Clark, T. H.: "Financial Times: Reengineering Logistics Using The Internet", 31st Annual Hawaii International Conference on System Sciences (HICSS), Hawaii 1998.

Clark, T. H. and H. G. Lee: "Security First Network Bank: A Case Study of an Internet Pioneer", 31st Annual Hawaii International Conference on System Sciences (HICSS), Hawaii, 1998.

Clark, T. H., and J. H. Hammond: "Reengineering Channel Reordering Processes to Improve Total Supply-Chain Performance," in *Global Supply Chain and Technology Management*, ed. H. L. Lee and S. M. Ng, Production and Operations Management Society, Miami, 1998.

Global Electronic Commerce: Theory and Case Studies by J. C. Westland and T. H. Clark, MIT Press, Cambridge, Mass., December 1999.

Clark, T. H. and H. G. Lee: "Electronic Intermediaries: Trust Building and Market Differentiation", 32nd Annual Hawaii International Conference on System Sciences (HICSS), Hawaii 1999.

Global Electronic Commerce: Theory and Case Studies by J. C. Westland and T. H. Clark, MIT Press, Cambridge, Mass., December 1999.

Clark, T. H.: "Electronic Commerce in China", book chapter in "Doing Business on the Internet," Sudweeks and Romm (eds), Springer, London 1999.

Clark, T. H. and Zixiang (Alex) Tan: "Internet as a Mainstream Communication Medium - An Empirical Study of User Demographics", submitted to the Conference 2000 of International Telecommunications Society, July 2000, Argentina.

Clark, T.H.K., Lang, K.R. and Ma, W.K. "Implementing and Managing a Large-Scale E-service: A Case on the Mandatory Provident Fund Scheme in Hong Kong" in Cases on Global IT Applications and Management: Successes and Pitfalls, edited by Felix B. Tan, Idea Group Publications, 2002.

Gappmaier, M., Anderson, B.B., & Clark, T.H.K. "Revolutionare Veränderung von Geschäftsprozessen durch Evolutionäre Methodik", Lernende Organisation, May/June 2002.

Clark, T.H.K., & Ma, W.K. "Online Course Acceptance: A Paired Sample Experiment", Presented at TechEd Ontario International Conference & Exposition, 2003.

Clark, T.H.K., Anderson, B.B., & Gappmaier, M. "Successful Organizational Transformation: Revolutionary Change Using Evolutionary Tactics" in Academy of Management Annual Meeting Proceedings, New Orleans, 2004.

Hu, Paul J., Wendy Hui, Theodore H.K. Clark, John Milton, Will Ma, and Kar Yan Tam, "Examining e-Learning Effectiveness, Outcomes and Learning Style: A Longitudinal Field Experiment", PACIS conference, 2005.

Will Ma, Pu Li, and Theodore Clark, "Examining the Cognitive Style Effects on the Acceptance of Online Community Weblog Systems," 39nd Annual Hawaii International Conference on System Sciences (HICSS), Hawaii 2006.