

James K. Ho

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Date of Birth: August 14, 1948

Education: Columbia University
New York, New York

B.S., 1970 (Mathematical Methods in
Engineering and Operations Research)

Stanford University
Stanford, California

Ph.D., 1974 (Operations Research)

Teaching Interests: Methodology and application of information
and operations management for emerging organizational
structures at both undergraduate
and graduate levels.

Research Interests: The integration of information and operations management
as the foundation of workgroup technology for business
processes. The development, implementation and
application of mathematical methods and computer systems
for electronic commerce.

Experience:

- 1990-present: Professor of Information and Decision Sciences
University of Illinois at Chicago.
- 1997 (Spring): Erskine Fellow, University of Canterbury,
Christchurch, New Zealand.
- 1993 (Spring): Distinguished Overseas Scholar
University of Hong Kong.
- 1990-1993: Professor and Head of Information and
Decision Sciences, University of Illinois at Chicago.
- 1985-1990: Professor of Management Science
University of Tennessee, Knoxville.
- 1988 (Summer): Visiting Professor and Consultant
AT&T Bell Laboratories, Holmdel, New Jersey.
- 1987-88 (Winter and Spring): Visiting Scholar
Department of Operations Research,
Stanford University.
- 1981-1985: Associate Professor of Management Science
University of Tennessee, Knoxville.
- 1983 (Summer): Guest Scientist
International Institute for Applied Systems Analysis,
Laxenburg, Austria.
- 1976-1982: Research Consultant and Visiting Scholar
(Development of large-scale optimization techniques for
energy modeling funded by the European Economic
Community) Center for Operations Research and
Econometrics, Louvain-la-Neuve, Belgium.
- 1974-1981: Mathematician (Development and implementation of
operations research methodology for energy related
research) Applied Mathematics Department,
Brookhaven National Laboratory, Upton, New York.

Languages: Fluent in English, French, Chinese.

Publications:

Books: *Linear and Dynamic Programming with Lotus 1-2-3*, MIS Press, Portland, 1987.

DECOMP: an Implementation of Dantzig-Wolfe Decomposition for Linear Programming, (with R.P. Sundarraj), Springer-Verlag, New York, 1989.

Prosperity in the Information Age: Creating value with technology; from mailrooms to boardrooms, Infotomics, Wilmette, IL, 1994.

Cyber Tigers: How Asian Companies can prosper from Electronic Commerce, Prentice Hall/Pearson Education, Singapore, 2000. (Chinese translation: South China Morning Post Book Publishing, Hong Kong, 2000).

Refereed Articles:

1. "Nested decomposition for dynamic models" (with A.S. Manne), *Mathematical Programming* 6, pp. 121-140, 1974.
2. "Optimal design of multi-stage structures: a nested decomposition approach", *Computers & Structures* 5, pp. 249-255, 1975.
3. "Implementation and application of a nested decomposition algorithm", W.W. White (ed.), *Proceedings of the Bicentennial Conference on Mathematical Programming*, Gaithersburg, pp. 21-30, 1976.
4. "Nested decomposition of a dynamic energy model", *Management Science* 23, pp. 1022-1026, 1977.
5. "Pricing for sparsity in the revised simplex method", *Revue Française, Informatique & Recherche Opérationnelle* 12, pp. 285-290, 1978.
6. "The use of decomposition techniques for large-scale linear programming energy models", (with E. Loute, Y. Smeers, and E. van de Voort), *Energy Policy*, Special Issue on energy models for the European Community, A. Straub (ed.), pp. 94-101, 1979.
7. "A comparative study of two methods for staircase linear programs", (with E. Loute), *ACM Transactions on Mathematical Software* 6, pp. 17-30, 1980.
8. "A successive linear optimization approach to the dynamic traffic assignment problem", *Transportation Science* 14, pp. 295-305, 1980.

9. "A set of staircase linear programming test problems", (with E. Loute), *Mathematical Programming* 20, pp. 245-250, 1981.
10. "LIFT: a nested decomposition algorithm for block-triangular linear programs", (with D. Ament, E. Loute and M. Remmelswaal), in G.B. Dantzig et al (eds.), *Large Scale Linear Programming*, I.I.A.S.A., Laxenburg, Austria, pp.383-408, 1981.
11. "Holistic preference evaluation in multiple criteria optimization", in G.B. Dantzig et al (eds.), *Large Scale Linear Programming*, I.I.A.S.A., Laxenburg, Austria, pp. 977-1024, 1981.
12. "An experiment in multiple criteria energy policy analysis", in J. Morse (ed.), *Organizations: Multiple Agents with Multiple Criteria*, Springer Verlag, pp. 145-156, 1981.
13. "An advanced implementation of the Dantzig-Wolfe decomposition algorithm for linear programming", (with E. Loute), *Mathematical Programming* 20, pp. 303-326, 1981.
14. "Multiple criteria optimization using analytic hierarchies and holistic preferences", in P. Hansen (ed.), *Essays and Surveys on Multiple Criteria Decision Making*, Springer Verlag, pp. 156-166, 1983.
15. "Computational experience with advanced implementations of decomposition algorithms", (with E. Loute), *Mathematical Programming* 27, pp. 283-290, 1983.
16. "Convergence behavior of decomposition algorithms for linear programming", *Operations Research Letters* 3 pp. 91-94, 1984.
17. "Computational aspects of DYNAMICO: a model of trade and development in the world economy", (with E. Loute), *Revue Française, Informatique & Recherche Opérationnelle* 18 pp. 403-414, 1984.
18. "Relationship among linear formulations of separable convex piecewise linear programs", *Mathematical Programming Study* 24 pp. 126-140, 1985.
19. "A parametric subproblem for dual methods in decomposition", *Mathematics of Operations Research* 11 pp 644-650, 1986.
20. "A generator for a class of multi-product ingredient-mix linear programming problems," (with R. Sundarraj) *C.O.A.L. Newsletter* 15, pp. 12-20, 1987.
21. "OptiMacros: optimization with spreadsheet macros", *Operations Research Letters* 6, pp. 99-103, 1987.
22. "Academic testing and grading with spreadsheet software", *Collegiate Micro-Computing* 5, pp. 274-278, 1987.

23. "Recent advances in the decomposition approach to linear programming", *Mathematical Programming Study* 31, pp119-128, 1987.
24. "Decomposition of linear programs using parallel computation" (with T. Lee and R. Sundarraj) *Mathematical Programming* 42, pp 391-405, 1988.
25. "Triangularity of the basis in linear programs for material requirements planning" (with W. McKenney) *Operations Research Letters* 7, pp 273-278, 1988.
26. "Nonprocedural implementation of mathematical programming algorithms", in R. Sharda, et al (eds.), *Impact of Recent Advances in Computers on Operations Research*, North Holland, New York, pp 226-237, 1989.
27. "Solving the dynamic traffic assignment problem on a hypercube computer", *Transportation Research*, 24B, pp 443-451, 1990.
28. "The dynamics of information in distributed decision systems" (with T.C. Lee) *International Journal of Information and Management Science* 2, pp 95-117, 1991.
29. "Optimal flows in stochastic dynamic networks with congestion" (with J.R. Birge), *Operations Research* 41, pp 203-216, 1993.
30. "A timing model for the revised simplex method" (with R.P. Sundarraj), *Operations Research Letters* 13, pp 67-73, 1993.
31. "Load balancing in the parallel optimization of large-scale, block-angular linear programs" (with Kingsley Gnanendran), *Mathematical Programming* 62, pp 41-67, 1993.
32. "On the efficacy of distributed simplex algorithms for linear programming" (with R.P. Sundarraj), *Computational Optimization & Applications* 3, pp 349-363, 1994.
33. "Distributed price-directive decomposition applications in power system operations" (with R.P. Sundarraj and K. Gnanendran), *IEEE Transactions on Power Systems*, pp 1350-1360, 1995.
34. "Large-Scale Systems," in S. Gass & C. Harris (eds.) *Encyclopedia of Operations Research and Management Science*, Boston, Kluwer, 1996. 2nd Ed. New York, Springer 2001; S. Gass & M. Fu (eds.) 3rd Ed. New York, Springer 2011.
35. "On the degree of decomposition in linear programming," (with E. Loute), *Informatica* 7, 1996, pp 337-348.
36. "Evaluating the World Wide Web: A Study of 1000 Commercial Sites," *Proceedings of the 5th International Conference on Telecommunication*, Nashville, TN, March 20-23, 1997, pp 304-317.

37. "Evaluating the World Wide Web: A Global Study of Commercial Sites," *Journal of Computer Mediated Communication*, Vol 3, Issue 1, June 1997.
38. "A structural analysis of business processes for measuring the impact of reengineering," (with A. Shrivastava), *Informatica* 8, 1997, pp 317-330.
39. "Distributed nested decomposition of staircase linear programs," (with R.P. Sundarray) *ACM Transactions on Mathematical Software* 23, 1997, pp 148-173.
40. "A Dynamic Growth Model for Focused Broadcasting over the Internet," *Informatica* 10, 1999, pp 275-288.
41. "Bridging academic research and business practice with the New Media," *Information Resource Management Journal* 13, 2000, pp 6-14.
42. "Computing true shadow prices in linear programming," *Informatica* 11, 2000, pp 421-434.
43. "A study of Internet user attitudes toward Focused Broadcasting on the World Wide Web," *Informatica* 12, 2001, pp 285-296.
44. "APEC Multilingual International Trade Project: Toward end-to-end e-commerce for SMEs" *Small Enterprise Research* 9, 2001, pp 79-85.
45. "Dynamics of information in disseminating academic research in the New Media: A case study", in Mehdi Khosrowpour (ed.) *Advanced Topics in Information Resources Management*, Idea Group Publishing, 2002, pp 239-256.
46. "Are innkeepers ready for multi-lingual e-business?" *Proceedings of the VII International Conference*, Professional Association of Innkeepers International, Chicago, April 2002.
47. "Multilingual e-business in a global economy: Case of SMEs in the lodging industry", *Information Technology & Tourism*, Vol. 5, No. 1, 2002, pp 3-11.
48. "Facilitating e-business for the hotel industry: easy-to-use multilingual communication over the Internet", *Cornel Hotel & Restaurant Administration Quarterly* Vol. 43, No. 2, April 2002, pp 18-25.
49. "APEC Multilingual International Trade Project: Methodology and Case Reports on Needs Assessment" *Journal of Computer Mediated Communication* 9 (1), 2003.
50. "Stock selection heuristics for Interdependent items", (with S.K.Gnanendran & R.P Sundarraj) *European Journal of Operational Research* 145(3), 2003, pp 585-605.

51. "Topological analysis of online auction markets", *Electronic Markets* Vol. 14, No. 3, 2004, pp 202-213.
52. "A global comparative study of online auction markets", in J.Chen (ed.), *Shaping Business Strategy in a Networked World: Proceedings of ICEB2004*, December 5-9, 2004, Beijing, China, pp 239-244.
53. "Topology of online auction markets", in K. Lai et al (eds.), *Competitive Bidding and Auctions II*, Global-Link Publisher, 2004, pp 1-9.
54. "Hyperlink obsolescence in scholarly online journals", *Journal of Computer Mediated Communication*, 10(3), 2005. <http://jcmc.indiana.edu/vol10/issue3/ho.html>
55. "Topological and optimization modeling for Internet data of online auction markets" (with S. C.K. Chu), *Proceedings of ITI2005 (27th International Conference on Information Technology Interfaces)*, Cavtat, Croatia, June 20-23, 2005.
56. "Maximum resolution topology for multi-attribute dichotomies", (with S. C. K. Chu), *Informatica*, 16(4), 2005, pp 557-570.
57. "Maximum resolution dichotomy for global diffusion of the Internet", *Communications of the Association of Information Systems* 16, 2005, pp 797-809.
58. "Maximum resolution dichotomy for customer relations management", in A. Zanansi, C. Brebbia & N. Ebecken (eds.) *Data Mining VII*, WIT Press, Southampton, 2006, pp. 279-288.
59. "Optimization modeling DSS for maximum resolution topology of Internet data" (with S.C.K. Chu, S.S. Lam), *Proceedings of Industrial Engineering Research Conference (IERC2006)*, Orlando, FL, May 20-24, 2006.
60. "Maximum resolution dichotomy for investment climate indicators", *International Journal of Business Environment* 1(1), 2006, pp.126-135.
61. "Optimization model and DSS for maximum resolution dichotomies", (with S. C.K. Chu and S. S. Lam), In J. Zaytoon, et al (eds.): *ICINCO 2007, Proceedings of the Fourth International Conference on Informatics in Control, Automation and Robotics, Intelligent Control Systems and Optimization*, Angers, France, May 9-12, 2007. INSTICC Press 2007, pp 355-358.

62. "Maximum resolution topology for online auction markets", (with Chu, S. C. K. and Lam, S.S.), *Electronic Markets* 17(2), 2007, pp. 164-174.
63. "3D Navigation of Olympic Games venues: a term project for a project management course" (with Yi Chen), *International Journal of Information & Operations Management Education*, 2(2), 2007, pp. 152-166.
64. "Online auction markets in tourism," *Information Technology & Tourism*, 10 (1), 2008, pp. 19-29.
65. "Inter-brand comparison of online auction markets" *Electronic Commerce Research* 8, 2008, pp. 103-114.
66. "Intra-brand comparison of online auction markets", *Proceedings of e-CASE 2009*, Singapore, Januray 8-10, 2009.
67. "Synergy between information and operations management", *International Journal of Information & Operations Management Education* 3(1), 2009, PP. 12-22.
68. "Optimized star plot as decision aids: applications of maximum resolution topology", (with C.K. Chu and S.S. Lam), in T. Trzaskalik and T. Wachowicz (Eds.): *Multiple Criteria Decision Making '08*, Katowice, Poland: Karol Adamiecki, 2009, pp. 41-59.
69. "Online auctions: Pragmatic survey and market analysis", In In Lee (Ed.), *Encyclopedia of E-Business Development and Management in the Global Economy*. Hershey, PA: IGI Global 2010, pp. 418-427.
70. "A hyperMap for supply chain management" *Proceedings of ICCBS 2010 : International Conference on e-Commerce, e-Business and e-Service*, Paris, France, June 28-30, 2010, and *World Academy of Science, Engineering and Technology* 66, 2010, pp. 1178-1181.
71. "Online auction of restaurant certificates: Buyer's market or seller's market?", *Proceedings of 2010 International Conference on E-business, Management and Economics (ICEME2010)*, Hong Kong, China, December 2010, IEEE: CFP1072L-PRT, pp. 27-31.

72. "Market analysis and growth prediction for online auctions: A case study with restaurant certificates," *International Journal of Trade, Economics and Finance* Vol. 1, No. 4, 2010, pp. 361-366.

73. "Strategic innovation through business intelligence", *Proceedings of International Conference on Innovation, Trade & Economics 2012*, ISBN 978-91-07-2425-2, pp 26-30.

74. "Spreadsheet-based simulation models for Decision Support: Case of strategic pairings in sport tournaments with match play for team competition, *Informatica* 2012 (in press).

75. "Strategic innovation through business intelligence: Linking competitive forces to profitability", *International Journal of e-Education, e-Business, e-Management and e-Learning* 2012 (in press).

Publications in business and trade press:

"Feel the Rhythm," *Computerworld*, 2/13/95.

"What is your Net Worth?," *InformationWeek*, 1/8/96

"From Data to Information," *SPRINGS*, Summer 1996.

"Accounting for Value in Cyberspace," *Internet Bulletin for CPAs*, December 1996.

"Lessons from Business School Web Sites," *The Hong Kong Manager*, March 1997.

"Business to Business E-mail for Competitive Advantage" *International Accountant*, July 2000.

Courses taught:

Undergraduate introduction to Management Science.

Undergraduate Microcomputer Applications in Business. Undergraduate (Honors) introduction to Management Science.

Undergraduate introduction to Operations Management

Undergraduate Business Projects Management

Undergraduate/MBA/MS Business Models and Process Simulation

Undergraduate Competitive Strategies

Undergraduate Honors Seminar

MBA introduction to MIS and Statistics.

MBA Operations and Supply Chain Management

MBA Operations and Supply Chain Management (Online).

MBA survey of Management Science.

MBA special topics: Process Innovation with Information Technology

MBA elective in Supply Chain Management
 MBA elective in Decision Support Systems.
 MS and Ph.D introduction to Linear, Network, Nonlinear, Dynamic and Integer Programming.
 MS Mathematical Programming Systems and Advanced LP techniques.
 MS Project in the application of Management Science.
 MS/MBA/Ph.D Management of Information Systems
 MS/MBA/Ph.D Projects in Information Management
 MS/MBA/Ph.D e-Commerce Projects
 Ph.D Large-Scale Mathematical Programming.
 Ph.D Nonlinear Programming.
 Ph.D Decision Theory.
 Ph.D Workshop on Karmarkar's Algorithm.
 Ph.D OR/MS Seminar.

Thesis Supervision:

External Examiner, Facultés Universitaires Notre Dame de la Paix, Namur, Belgium:
 Philippe Gile, Ph.D '78 (currently Belgian Ministry of Scientific Policy)

External Examiner, Department of Management Science, University of Waterloo, Canada:
 Boxiang Lan, Ph.D '93 (currently TsingHua University, Beijing, China)

External Examiner, Department of Management Science, University of Waterloo, Canada:
 Hyun Jin Park, Ph.D '01

University of Tennessee:

Committee:

Hal Aikens	Ph.D '82 (currently Dept. of IE, UTK)
Terry Harrison	Ph.D '83 (currently Dept. of MS, Penn State U.)
John Hooker	Ph.D '84 (currently G.S.I.A., Carnegie-Mellon U.)
Kim Melton	Ph.D '86 (currently Virginia Commonwealth U.)
Bill McKenney	Ph.D '87 (currently E. Kentucky U.)
Jalal Zrida	Ph.D '88 (Electrical Engineering)
Arup Murkajee	Ph.D '91 (currently U. of Western Florida)

Chair:

Yu-Mei Hsu	MS '85 (currently American Airlines)
Darren Smith	MS '87 (currently Federal Express)
Tak C. Lee	Ph.D '88 (currently U. of Malaysia)
K. Gnanendran	Ph.D '89 (currently U. of Scranton)
R.P. Sundaraj	Ph.D '90 (currently U. of Waterloo)

University of Illinois at Chicago:

Chair:

Atul Shrivastava Ph.D (Spring '95) (currently The Stock Exchange of Chicago)

Committee:

Ken Mihavic Ph.D (Spring '96) (currently Roosevelt University)

Jan Sanjaya Ph.D (Fall '96) (currently University of Illinois at Chicago)

Invitations and Presentations (since 1995):

North Carolina State University, February 1995.
 Midwest Conference on Technology, Jobs, and Community, Chicago, March 1995.
 Simon Fraser University, Barnaby, B.C., March 1995.
 Santa Clara University, March 1995.
 Stanford University, March 1995.
 Academy of Management Conference on Teaching, Chicago, April 1995.
 Stanford University, May 1995.
 American Statistical Association, Chicago Chapter, June 1995
 University of Hong Kong, June 1995.
 INFORMS International Conference, Singapore, June 1995.
 Clark University, July 1995.
 University of Michigan, Ann Arbor, September 1995.
 IFIP Workshop of Diffusion & Adoption of IT, Oslo, Norway, October 1995.
 University of Bergen, Norway, October 1995.
 University of Tennessee, November 1995.
 National Black MBA Association, Chicago, July 1996.
 Pennsylvania State University, October 1996.
 INSEAD, Fontainebleau, France, October 1996.
 The HongKong Management Association, February 1997.
 Brigham Young University, Hawaii, March 1997.
 INFORMS Chicago Chapter, April 1997.
 University of Chicago, May 1997.
 University of Canterbury, New Zealand, May 1997.
 Victoria University of Wellington, New Zealand, June 1997.
 University of Waikaito, New Zealand, June 1997.
 Auckland University, New Zealand, June 1997.
 INFORMS National Meeting, Dallas, October 1997.
 Keynotes at Pan-Asian Forum on Electronic Commerce, Singapore/Hong Kong, Nov 1997.
 City University of Hong Kong, March 1998.
 American Chamber of Commerce, Hong Kong, March 1998.
 Internet Commerce Expo & Conference, Hong Kong, July 1998.
 Technology Exchange Forum on E-Banking and E-Financing, Industrial Technology Centre, Hong Kong, December 1999.
 Internet and Information Forum, Hong Kong, December 1999.

Keynote at "E-commerce: What is in it for Accounting Professionals?", AIA-CGA-CIMA-CMA Joint Symposium, Hong Kong, February 2000.
 TechnoVenture Forum, CMIT, National University of Singapore, April 2000.
 Western Academy of Management International Conference, Shizuoka, Japan, July 2000.
 Internet and Information Forum, Shanghai, July 2000.
 Nanyang Technical University, Singapore, September 2000.
 Computer Society of Singapore, September 2000.
 University of Malaya, September 2000.
 University of Tokyo, November 2000.
 Thammasat University, Thailand, November 2000.
 University of Macau, February 2001.
 University of Waterloo, Canada, April 2001.
 McMaster University, Canada, May 2001.
 IAPPO 2001 Technology Exposition, May 2001.
 National University of Singapore, May 2001.
 e-China 2001 [Keynote], Guangzhou, China, May 2001.
 e-China 2001 Taipei, Taiwan, June 2001.
 e-China 2001 Hong Kong, June 2001.
 Korean Advanced Institute of Science & Technology, Seoul, Korea, November 2001.
 Seoul National University, Seoul, Korea, November 2001.
 Peking University, Beijing, China, May 2002.
 Tsinghua University, Beijing, China, May 2002.
 International University of Business and Economics, Beijing, China, May 2002.
 Hong Kong Polytechnic University, Hong Kong, China, May 2002.
 National University of Singapore, November, 2002.
 Hong Kong University, Hong Kong, China, November, 2003.
 University of Western Australia, Perth, Australia, April 2004.
 Edith Cowan University, Jundaloo, Australia, April 2004.
 Curtin University of Technology, Bentley, Australia, April 2004.
 Murdoch University, Murdoch, Australia, April 2004.
 IEEE/Computer Society of Western Australia, Perth, Australia, April 2004.
 Second Workshop on Bidding and Auctions [Keynote], Wuhan, China, December 2004.
 Fourth International Conference in e-Business (ICEB2004), Beijing, China, December 2004.
 Seventh International Conference in Data Mining and Information Engineering (DMIE2006), Prague, Czech Republic, June 2006.
 Fourth International Conference in Informatics in Control, Automation and Robotics (ICINCO2007), Angers, France, May 2007.
 eBay China Development Center, Shanghai, China, April 2008.
 e-CASE 2009, Singapore, January 2009.
 ICCBS 2010, Paris, France, June 2010.
 ICEME2010 [Keynote], Hong Kong, China, December 2010.

Professional Activities:

Editorial Board: INFORMATICA
JOURNAL OF COMPUTER MEDIATED COMMUNICATION

Referee or Reviewer for: MATHEMATICAL PROGRAMMING
MATHEMATICAL PROGRAMMING STUDY
OPERATIONS RESEARCH
OPERATIONS RESEARCH LETTERS
MANAGEMENT SCIENCE
MATHEMATICS OF OPERATIONS RESEARCH
ACM TRANS ON MATHEMATICAL SOFTWARE
TRANSPORTATION SCIENCE
JOURNAL OF OPTIMIZATION THEORY & APPLICATION
NAVAL RESEARCH LOGISTICS QUARTERLY
ANNALS OF OPERATIONS RESEARCH
OR/MS TODAY
SIAM CONTROL
SIAM REVIEW
IEEE SYSTEMS, MAN & CYBERNETICS
COMPUTERS & OPERATIONS RESEARCH
OPTIMIZATION METHODS AND SOFTWARE
LARGE SCALE SYSTEMS
SIAM OPTIMIZATION & APPLICATIONS
INTERNATIONAL JOURNAL OF INTELLIGENT SYSTEMS
National Science Foundation
National Research Council
Natural Sciences and Engineering Research Council of Canada
International Institute for Applied Systems Analysis, Austria.
Center for Operations Research and Econometrics, Belgium.
Research Grants Council, Hong Kong SAR, China.

Offices: Chairman, INFORMS Workshops Committee 1995
Chairman, ORSA Workshops Committee 1990-1994
Chair, MPS Optima Review Committee 1994
President, Association of Chairpersons of Operations Research
Departments (ACORD), 1994-95

Development and Presentation of Professional Workshops and Executive Seminars:

OR/MS in the Spreadsheet Environment, ORSA/TIMS, May 1987.
UIC/IBM Optimization Workshop, Chicago, December 1990.
UIC/IBM Optimization Workshop, Chicago, September 1991.
Stanford Workshop on OR for Managers, March 1995.
INFORMS Educational Forum Workshop, Los Angeles, April 1995.
ACIS Workshop on IT, Toronto, September 1995.
IFIP Workshop of Diffusion & Adoption of IT, Oslo, Norway, October 1995.

ISECON Workshop on IT, Charlotte NC, November 1995.
 B.I.O. Rhythm Workshop, Norwegian American Hospital, Chicago, February 1996.
 BKB Business Advisory Program, Oct-Nov, 1996
 Executive Seminar on Internet Strategies, INSEAD, France, October 1996.
 Executive Seminar (IT & I-NET), The HongKong Management Association, February 1997.
 Executive Seminar on Internet Strategies, University of Auckland, New Zealand, June 1997.
 Executive Seminar (Web advertising), The HongKong General Chamber of Commerce, November 1997.
 Executive Seminar (IT & I-NET), The HongKong Management Association, November 1997.
 Executive Seminar (e-Commerce and Online Business in Banking), The HongKong Management Association, March 1998.
 Executive Seminars (e-Commerce and Online Business in Insurance), The HongKong Management Association, August, 1998.
 Executive Seminars (Managing e-Commerce and Online Business), The HongKong Management Association, December 1999, February, April, May, September 2000.
 Workshop on Security Issues in e-Business, Senior Executive Summit on E-Business Planning, Strategies and Implementation, Hong Kong, September 2000.
 Executive Seminar (e-Government: Benchmarks, Strategies and Planning Resources), Information Technology Services Department, Government of Hong Kong, September 2000.
 Executive Seminar (TCP/IP Security Policies) ITSD, HKSAR, December 2000.
 APEC Workshop on Strategic e-Commerce and Management, Bangkok, Thailand, May 2001.

Award and Recognition:

Best Professor in Information Systems, 2012 Global Award, World Education Congress.

Research Support from:

The US Department of Energy
 The European Economic Community
 The Belgian Government
 The Electric Power Research Institute
 The Office of Naval Research
 Asia Oceanic Electronic Marketplace Association

“Optimization Model for Topological Analysis” (with CoPI: S.Chu, HKU, F. Lam, OUHK) The Research Grants Council of Hong Kong, 2006-2008, \$46,296.

Proposal pending: International Consortium for Supply Chain Innovation (ICSCI) 2011-2013. CBA RFP, with Co-Is: C. Yu, Computer Science, T. Lee, M. Liotine, IDS, \$500,000.

Recent Projects with Business, Industry, and Government:

The City of Chicago

Options Clearing Corporation

IBM Corp
Abbott Laboratories
Clipper Exxpress
Hull Trading Company
Ameritech (Illinois Bell)
Cyber-Merchant Exchange
The Cook County Hospital

Illinois Masonic Medical Center
Norwegian American Hospital
Chinese American Service League
General Motors Saturn Corp
Blackman Kallick Bartelstein
OneKnowledge.com
APEC

Biosketch of James K. Ho

James K. Ho is a professor of information and decision sciences in the College of Business Administration at the University of Illinois at Chicago. He did his undergraduate work at Columbia University and obtained his Ph.D from Stanford University. He has published widely in professional journals and authored four books. His work on software systems has been used worldwide at academic, business and public institutions including the United Nations and the European Community. More recently, Dr. Ho designed the systems for tracking training facilities and retailer training activities at General Motor's Saturn plant in Spring Hill, TN. At UIC, he launched Project BIG ACT, an initiative for business, industry and government to explore team work with the university in the application of advanced computing technology. Based on his 1994 book *Prosperity in the Information Age: Creating Value from Technology—From Mailrooms to Boardrooms*, he conducts executive seminars worldwide (USA, Canada, France, Hong Kong, New Zealand, and Norway) on "Competing in the Information Age: Maximizing the Payoff from Information Technology" and "Internet Strategies", and "Managing E-commerce and Online Business. His research on evaluation of the World Wide Web has been featured as a business resource by numerous organizations and international media. He was the keynote speaker at the Pan-Asian Forum on Electronic Commerce held in Singapore and Hong Kong in 1997; at "e-Commerce: What is in it for accounting professionals": a Joint Symposium of AIA, CGA, CIMA, and CMA in Hong Kong in February 2000; at e-China 2001 in Guangzhou; at the International Conference on e-Business, Management and Economics in Hong Kong, December 2010; and at the International Conference on Innovation, Trade and Economics in Hong Kong, June 2012.. His new book *Cyber Tigers: How Asian Companies can prosper from Electronic Commerce* is published by Prentice Hall/Pearson Education (Asia) in 2000, with the Chinese translation published by South China Morning Post Book Publishing in September 2000. His initiative to assist SMEs worldwide to embark on e-commerce, has evolved into the APEC Multilingual International Trade Project.

On June 29, Dr. Ho received the Best Professor in Information Systems 2012 Global Award from the World Education Congress.