

**Martin L. Bariff, CPA, CBPP**  
**Associate Professor of Information Management**  
**Assistant Director, M.S. Marketing Analytics Program**

Stuart School of Business  
Illinois Institute of Technology  
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### **Education**

Ph.D. Accountancy, University of Illinois, Urbana, 1973

M.A.S. Accountancy, University of Illinois, Urbana, 1967

B.S. Accountancy, University of Illinois, Urbana, 1966

Certified Public Accountant; Illinois 1966; Currently licensed in State of Illinois  
Certified Information Systems Auditor, 1980  
Certified Business Process Professional, 2010

### **Professional History**

2002-present Associate Professor, Information Management, Stuart School of Business, IIT

1983-2001 Coleman Foundation Associate Professor, Information Management, Stuart School of  
Business, IIT

Jan.-Jun. 1999 Visiting Scholar, Kellogg Graduate School of Management, Northwestern University

1979-1983 Associate Professor, Accounting and Management Information-Decision Systems,  
Weatherhead School of Management, Case Western Reserve University

1978-1979 Visiting Assistant Professor, Accounting, Graduate School of Business, University of  
Chicago

1973-1979 Assistant Professor, Accounting and Decision Sciences, Wharton School, University of  
Pennsylvania

1968-1970 Assistant Professor, Data Processing, Chicago City Colleges, Amundsen-Mayfair College

**Academic Concentrations and Research Interests**

Information Management: Organization Impacts, Business Analytics, Information Requirements Analysis, Information Integrity, e-Business, Information Overload, Business Process Management

Accounting: Governance and Management Control, Human Judgment and Decision-making, Security and Audit

Marketing and Business Analytics: big data analytics, cognitive computing, visual analytics

**Contributions to Teaching**

Courses Taught at Illinois Institute of Technology:

Cognitive Computing in Business, Spring 2015

Advanced Predictive Analytics, Spring 2015

Management Information Systems, Fall 2009, 2010, 2011, 2012 (undergraduate)

Strategic Information Systems, Fall 2008, 2009, Spring 2010, 2011, 2012

Project Management (MGT537/554)—new course, Winter 2006, Spring 2007, Sp08, Sp09, Sp 10,11,12,13

Project Management Applications, Spring 2009, Spring 2010, 2011, 2013, Fall 2015

Data Mining (MBA) Winter 2007, 2006, 2005, 2008, Fall 2008. Fall 2010, Fall 2011

Predictive Analytics (MS Marketing Analytics & Communication), Fall 2012-15

Financial Statement Analysis, Fall 2007

Marketing Strategy in the Digital Environment, Fall 2006

Financial and Managerial Accounting (MBA510) Winter 2006, Winter 2007, 2008

Business Strategy in the Network Economy: Best Practices (MC 551) Fall 2005, Summer 2007

Business Information and Control Systems (new MBA core course) Fall 2004-Spring 2005 [now MGT 545, an elective: Spring 2006]

Knowledge Management Systems (MBA) Winter 2003

Emerging Technology and Competitive Advantage (MBA) Fall 2003

Management of Enterprise Data (MBA) Spring 2004-5 [new MS Sequel Server DB software], Fall 2007

Management of Information (MBAF) Winter 2002

Business Strategy in the Digital Age (MS ECOM) Fall 2001/02

Managing E-Commerce in the Digital Age (MS ECOM) Fall 2001

Managing Internet Technology (MS ECOM) Spring 2001

Web Page Design (MS ECOM) Winter 2000-01

Strategic Management of Information Technology (MBA) 1993-2003; Spring 2006, Summer 2007

Managing E-Commerce 1998-2000

Information Systems (MBA and undergraduate), 1998-1992, 1990, 1989

Auditing (undergraduate), 1990, 1988, 1987

Decision Support and Expert Systems (MBA and undergraduate), 1998-1992, 1988

Information Resources Management, Strategy, and Organization (MBA), 1988-1987

Business Information Systems (undergraduate), 1994-1991

Research Methods (PhD), 1991-1990

Financial Accounting (MBA), 1995, 1987-1988

Information Technology Architecture and Strategic Planning (MBA), 1989-1988

Distributed Systems and Telecommunications (undergraduate), 1989

Management Accounting (MBA), 1997, 1994, 1991, 1988, 1987

Information Systems Design (MBA and undergraduate), 2001, 1997-1992, 1985

File Design and Management (MBA), 1988-1987

End User Systems Design (MBA), 1990, 1986

Accounting Information Systems (undergraduate), 1990-1984

Courses Taught at Weatherhead School of Management:

Management Accounting

Security and Audit of Computer Systems

Information System Management

Information Requirement Analysis

Introduction to Accounting II

Advanced Management Accounting

Short Course - DP Auditing for CPA Examination

Advanced Auditing

Information Systems (Required MBA)

Accounting Systems

Courses Taught at Graduate School of Business, University of Chicago:

Management Accounting, I-II, October 1978 - June 1979

Courses Taught at Wharton School:

Financial Information Systems

Interactive Financial Planning

Seminar—Management Information Control

Behavioral Decision Theory

Introductory Accounting (Graduate and Undergraduate)

Accounting Information Systems (Undergraduate)

Wharton Information Systems Program, 1977 and 1978

Courses Taught at Chicago City Colleges, Amundsen-Mayfair College:

Introduction to Data Processing (Undergraduate)

FORTRAN IV Programming (Undergraduate)

COBOL Programming (Undergraduate)

IBM Assembler Programming (Undergraduate)

Program Development:

2001 Certificate in e-Business

2001 Certificate in “Growing Your Business in the Digital Economy,” ALBA University, Athens, Greece

1985-2000 Three major revisions to IM concentration in MBA program

1999 MS E-Commerce Degree Program, Chair (three subsequent revisions)

1998 IIT Certificate in Internet Business, Member

New Course Development and Innovations:

2014-15 Developed Cognitive Computing and Advanced Predictive Analytics courses

2011-12 Developed Predictive Analytics course

2006-07 Developed Project Management course using MS Project Professional

2005 MS ACCESS One Day Workshop (spring and fall) , Spring 2010, Spring 2012

2004 Introduced MS Sequel Server DB software in Database course

2003-04 MS ACCESS Two Day Workshop

2001 Visual Basic Two Day Workshop

2000 Web Page Design

1999 Strategic Management of Information Technology

1998 Managing E-Commerce

1987 IM 542 Decision Support and Expert Systems using three new DSS, Expert System and Neural Network applications (MBA)

1987 File Design and Management (MBA)

1986 End User System Design (MBA)

1985 Information Systems Analysis and Design (undergraduate and MBA)

Ph.D. Thesis Supervision:

1981-1982 Brian Dos Santos, "Aids for Model-Oriented Decision Support Systems: An Experimental Evaluation of their Impacts on Decision-making Effectiveness."

1980-1983 Harvey Fisher, "A Chaos Theory Approach to Decision-Making."

2011- 2012 Hyungjun Lim "Alternative Approach to Volatility Forecasting and Evaluating Forecasting Performance"

PhD Dissertation Final and Proposal Defense Committee Membership:

1985-2009 served on numerous Ph.D. in Computer Science Doctoral Defense committees with Professor Carlson and Evans as chair, and one ID Committee with Charles Owen [Participated in 3 CS PhD dissertation proposal and final defenses during 2006-07; 2 PhD defenses in 2008; 2 PhD defenses in 2009]

Other Activities:

Information Systems Seminar, Global Trade Institute, Junior Achievement, IIT – Marmon Program, June 2003, June 2002, June 2001

IIT Certificate in Internet Business program, taught four modules, 1998-1999

Director, Center for Research on the Impacts of Information Systems, 1990 - 2003

CIO Roundtable, Michael Scott-Morton, Sloan MIT, speaker, Nov. 1991

With UIC-CRIM, held two seminars and issued four newsletters, 1990-93

NSF Evaluator, IIT, Integrated Information and Telecommunications Systems Center, 1986-1988

Chair, "Accounting for Nonbusiness Organizations: Research and Standard Setting Issues," at Weatherhead School of Management; Participants: Robert Anthony, Harvard Business School; Robert Freeman, Texas Technical University; Edward Kalsney, Ernest & Whitney. 1981

Co-author, MIDS Lab Manual for MBA required three day programming course, Case Western Reserve University, 1981

Coordinator, Managerial Studies Research Workshop (Including presentation at 3 sessions), Spring, Case Western Reserve University, 1980.

Member, various PhD in Computer Science preliminary and final defense committees at IIT.

## **Intellectual Contributions**

### **Basic Scholarship**

“Advanced Analytics Group and Intraorganizational Power.” International Journal of Information Technology Management, forthcoming

“A Social Media Model for Knowledge Management” submitted to International Journal of Knowledge, Culture, and Change Management.

“A Cognitive Workload Analysis Approach to Information Overload Evaluation”  
Research in Progress

“A Socio-technical Model of Business Process Performance” Research in Process

“A Study of Determinants of Enterprise Risk” Research in progress

With Salimol Thomas, “An Operational Model for Information Integrity” in final  
Revision for submission [splitting into two papers]

With Paul Prabhaker, Suzanne Ballard, Shyam Nadig, & Salimol Thomas, “The Case For  
Information Integrity,” repositioned and restructured as a journal or monograph by Bariff (solo)

“Measuring Information Services Agility: A Field Study,” Research in progress

With Vijay Mandke and Madhavan Nayar. “Demand for Information Integrity in Healthcare  
Management,” Proceedings of the Hospital of the Future, E. Geisler &  
K. Krabbendam (eds.), July 28-30, 2002, Chicago

With Stephen Hawk, “A Comparison of Organizational Strategies for Supporting DSS,” in  
Sprague & Watson, Decision Support for Managers, Chapter 14, Prentice-Hall, 1996

With Stephen Hawk. “An Examination of Organizational Strategies for Supporting DSS.”  
Information & Management, 28, 1995, pp. 77-88.

With Stephen Hawk. “The Effects of DSS Group Characteristics on Client Satisfaction.” IEEE  
Transactions on Engineering Management, 40,3, August 1993, 255-63.

With Brian Dos Santos. “A Study of User Interface Aids For Model-Oriented Decision Support  
Systems.” Management Science, April 1988, pp. 461-468.

With J. Goldhar. "Implications of Computer Integrated Manufacturing for Corporate Strategy." Capital Budgeting and Information Systems. Edited by R. Carlson and S.K. Chang, Languages for Automation, 1985, pp. 485-500.

With V.K. Raman. "Database Chargeout and Joint Cost Allocation Strategies." In 1984 Midwest AAA Proceedings.

With M.J. Ginzberg. "MIS and the Behavioral Sciences: Research Patterns and Prescriptions." Date Base, 14(1) Fall, 1982, pp. 19-26. Selected paper in Proceedings of First International Conference on Information Systems, edited by E. McLean. December 1980, pp. 49-58

With Jay R. Galbraith. "Intraorganizational Power Considerations for Designing Information Systems." Accounting, Organizations and Society, 1978, 3(1), pp. 15-27. (Reprinted in The Organizational Context of Management Accounting, Chenhall, Harrison & Watson, 1981).

With Edward J. Lusk. "Designing Information Systems for Organizational Control: The Use of Psychological Tests." Information and Management, 1978, 1, 113-121. (Reprinted in Behavioral Accounting: A Reader, Bloom, Croll and Debessay, 1982).

"Implementation Strategies for Information Requirements Analysis." In Proceedings of the National Conference on Information Systems Development. Edited by M.E. Loomis and B.E. Konsynski. February 1978, pp. 55-61.

With Edward J. Lusk. "Cognitive and Personality Tests for the Design of Management Information Systems." Management Science, April 1977, pp. 820-829.

"An Operational Framework for the Design of Management Information Systems." In Proceedings of the AIDS National Meeting, October 1974.

### **Applied Scholarship**

"Managing Organizational Change"(Ch.2) in S. Saeed, M. Kahn, & R Ahmad (eds.) Business Strategies and Approaches for Effective Engineering Management. IGI Global: Hershey PA, pp. 22-46, 2013.

"Eliciting User Information Requirements with Big Data" submitted to Business Intelligence Journal

"Information Integrity Conceptual Framework," (with M. Nayar and C. Watson), Research in Progress, Fall 2009 revision –restructured to be a journal article by Bariff (solo)

A Guide to the Common Body of Knowledge for Business Process Management V2, Andrew Spanyi & Mark Treat (eds.), web published for ABPMP membership, March 2009; available to public viz Association website and Amazon, April 2009 (peer reviewed), including chapters by:

"Business Process Transformation (with Sandra Lusk)

"Reference Disciplines for BPM"

"A Model Curriculum for BPM" with Yvonne Anotucci, Jason Franz, and



Robyn Rasche

“A Framework for Business Process Management” (with Sandra Lusk)

“Is IT Agility Necessary for Business Growth,” Inside BTM, 3(24), Aug. 11, 2003.

“Internal Audit Independence and Corporate Governance”

International Institute of Internal Auditors Global Chapter Competition

April 30, 2003 [1st Place, Donald E. Ricketts Chapter Research Competition];

Web Publication URL: <http://www.theiia.org/iaa/download.cfm?file=234>

“E-Commerce: Challenges and Opportunities for the 21st Century,” (with Paul Prabhaker)

Financial Executives Institute, case studies published on the FEI

website, 2000.

With Larry Rittenberg and Ann Senn. Audit and Control of End User Computing. Institute of Internal Auditors, 1991.

“Redesigning CASE for Cooperative Project Development.” In CASE ‘88 Proceedings, July, 1988; pp. 241-3.

“Using CASE To Improve Problem Formulation, Analyst Productivity and Shared Organizational Values.” In Advance Papers for First International Workshop on CASE, Edited by E. Chikofsky, Cambridge, Massachusetts, May 27-29, 1987, pp. 139-141.

With Bruce L. Oliver and Bobby Calder. Prepared 225 of 600 annotated bibliography items in “Behavioral Accounting Research: The First Thirty Years.” by F. Collins and D. Finn, American Accounting Association, August 1985.

“Factory Automation: Traditional Accounting Practices- erroneous Decisions?” Tooling and Production, March 1984, pp. 38-39.

With Miles Kennedy. “Information Systems Research at CWRU.” In The Information Systems Research Challenge. Edited by F.W. McFarland. Boston: Harvard Business School Press, 1984, pp. 355-60.

“A DP Auditor’s Need for Software Engineering Standards.” In Proceedings of IEEE Software Engineering Standards Application Workshop. Edited by E. Bersoff, August 1981, pp. 8-12.

“Auditing System Software Research Workshop Proceedings.” Editor, EDP Auditors Foundation, January 1982.

“Increasing Responsibilities and Professionalism for EDP Auditing in the 1980’s.” The EDP Auditor, Spring, 1982, pp. 21-28 (revised October, 1979 University of Massachusetts, pp. 11-23).

With Fred Lilly. "Application Controls." Chapter 3 in Control Objectives - 1980 (3rd edition), edited by G.E. Meyers, EDP Auditors Foundation, 1980, pp. 27-104.

With Stanley H. Barnes. "Professionalism and the EDP Auditor." The EDP Auditor, 6 (2), Winter 1978, pp. 4-11.

With Bruce L. Oliver and Bobby J. Calder. "Behavioral Research on Accounting: An Overview of What's Been Happening." The Accounting Journal, Spring 1977, pp. 30-39.

"A Common Body of Knowledge for EDP Auditing," The EDP Auditor, (Spring 1976), p. 11.

Discussion of "A Longitudinal Study of Some Information Structure Alternatives," by Theodore J. Mock at the Wharton MIS Research Conference. Date Base, Winter 1973, 5 (2,3,4) and Special Report to the Society for Information Management.

### **Instructional Development**

"Our GAIN is Your Gain," Chicago IIA Chapter Newsletter, article, Sept. 2006, 3-4.

Book Review, "EDP Auditing: Conceptual Foundations and Practice" by Ron Weber, McGraw-Hill, 1982 in The Accounting Review, October 1982, pp. 858-859.

"What Every Auditor Should Know About DP." EDP Auditing Guideline Series, edited by Foster Brown, Auerbach Publishers, 1978, p.14.

"The Mystique of EDP Auditor Education." In Proceedings of EDP Auditor Training Symposium. Edited by J. Sardinas, Jr. May 1978, University of Massachusetts, pp. 106-113.

### **Papers Presented:**

"Digital Enterprise Agility: IT's Sweetspot" presented at INFORMS, San Francisco, Nov. 2005

"Websites=Corporate Persona?" INFORMS, San Jose CA, November 17, 2002

"Demand for Information Integrity in Healthcare Management" with Vijay Mandke & Madhavan Nayar, The Hospital of Future, Chicago IL, July 2002.

"Measuring Information Services Agility," REGIS, April 2002.

“An Evolution of Intensive and Extensive Excelerator Applications for an Information System Curriculum” First Excelerator Academic Users’ Group Conference, St. Louis, October 9, 1988.

“The Influence of Organizational and Personal Values in Problem Formulation,” ORSA/TIMS National Meeting, October 26-28, 1987, St. Louis.

“Effects of Personal Computer Technology Innovation on Planning Structures and Processes” (with L.C. Rhyne), Academy of Management National Meeting, August 10-12, 1987, New Orleans.

Discussant for two research papers in the session “A Work Unit Perspective on IS,” International Conference on Information Systems, December 15-17, 1985, Indianapolis.

“Impact of Job Stress on CPA’s by R. Seiler - Discussant at AAA National Meeting, Toronto, August 1984.

“Usefulness of Cognitive Style for Designing IS,” Panel at Spring 1984 TIMS/ORSA National Meeting, San Francisco.

“Database Chargeout and Joint Cost Allocation Strategies: (with V.K. Raman) Midwest AAA Meeting, April 1984.

“MIS and the Behavioral Sciences: Research Patterns and Prescriptions: (with M.J. Ginzberg), presented at First International Conference on Information Systems, Philadelphia, December 1980.

“A Study of EDP Auditors’ Evaluations of Internal Controls,” presented at a Computers and Information Systems Colloquium, Graduate School of Management, UCLA, June 14, 1979.

“Information Requirements Analysis: A Methodological Review,” and “A Study of EDP Auditors’ Evaluations of Internal Controls,” presented at the Information Systems Workshop, Invited Lecturer, Laval University,

“Behavioral Research on Accounting: A Methodological Review and Proposal,” (with Bobby J. Calder and Bruce L. Oliver), Evaluating Research and Research Methods Session, 1978 Annual Meeting of the American Accounting.

“Information Requirements Analysis for Scientific and Technical Information,” presented at the Information Requirements Analysis Session sponsored by the TIMS Information Systems College at the Spring 1978 National ORSA/TIMS Meeting, May 1978.

“Managerial Issues in Internal EDP Controls,” presented at the Management Controls College Session, Spring 1978 ORSA/TIMS Meeting, May 1978.

“Implementation Strategies for Information Requirements Analysis,” presented at the National Conferences on Information Systems Development sponsored by the Society for Management Information Systems and the MIS Department, University of Arizona, Tucson, Arizona, February 1978.

“Designing Information Systems for Organizational Control: The Use of Psychological Tests,” (with Edward J. Lusk) presented at the Advanced Systems Technology Symposium, University of Maryland, April 1977.

“Intraorganizational Power Considerations for Designing Information Systems,” (with Edward J. Lusk), presented at the “Designing Management Accounting Systems for Changing Environments” Session at the National AIDS Meeting, November 1976.

“Behavioral Factors in the Design and Management of Distributed Computing Systems,” presented at the College on Information Systems Session at the Fall ORSA/TIMS Meeting, November 1976.

“Educational and Industrial Applications of Interactive Financial Information Systems,” presented at the On-Line Decision Systems College at the Spring ORSA/ TIMS Meeting, March 1976.

“Behavioral Considerations for the Design of Data Structures in Data Base Management Systems,” presented at the Fall TIMS/ORSA National Meeting, November 1975.

“A Framework for Behavioral Research on Accounting,” presented at the “Behavioral Models and Processing of Accounting Information” Symposium, McGill University,

“Cost-Benefits Analysis for the Implementation of Security Features in Computer-Based Information Systems,” presented at the “Roundtable on EDP Auditing,” sponsored by Mobil Oil at the University of Chicago, November 1974.

“An Operational Framework for the Design of Management Information Systems.” presented at the AIDS National Meeting, October 1974.

Discussion of “Financial Decision Making--A Methodology for the Development of Computer Based Support,” by R.W. Forbes and H.R. Smith, presented at the AIDS National Meeting, October 1974.

Discussion of “Centralization of a Decentralized MIS in a Company with Dispersed Operating Units,” by J.S. Milutinovich and H.A. Kanter presented at the Northeast AIDS Meeting, May 1974.

“A Study of the Utilization of Cognitive and Personality Traits for the Design of Management Information Systems,” (with Edward J. Lusk), presented at the College of Measurements in Management- ORSA/TIMS Spring Meeting, April 1974.

Discussion of “A Longitudinal Study of Some Information Structures Alternatives,” by Theodore J. Mock, presented at the Wharton MIS Research Conference, October 1973.

“A Description of a Fully Integrated Computerized Accounting Course at Kendall College,” Conference on Computerized Applications and Programmed Learning for Accounting Education, University of Illinois, Chicago Circle, March 1970.

### **Research Support/Grants**

Institute of Internal Auditors, “A Study of the Perceived Need and Value for Including Information Integrity in an Extended Audit Model,” submitted October 2012.

Stuart School of Business, “Study of Determinants of Enterprise Risk,” \$5,000, 2007

Coleman Foundation, Entrepreneurs' Use of the Internet, \$12,000, 1999

Financial Executives Institute, E-Commerce Research Project (with Paul Prabhaker), \$57,000, 2000

Illinois Institute of Technology/DOD Quickstart grant to introduce multi-media projects in the application development courses: \$1400; 1995

“Control and Audit of End User Computing,” with Larry Rittenberg, University of Wisconsin, Institute of Internal Auditors: \$30,000; 1988

IBM Planning Grant Proposal: \$12,000; 1984

GTE FOCUS Grant Proposal (selected as one of fifteen recipients): \$25,000; 1984

“Development of an Intelligent Decision Support System Using MICROPROLOG,” 86/310 Personal Computer (\$5,000.) grant from INTEL Corporation, 1984

“Internal Auditor Work Environment Influences on Job Satisfaction and Organizational Commitment,” Weatherhead School of Management: \$3,500; 1982

“Information Needs Management,” Society for MIS, \$5,000; 1981

Research Workshop on Auditing System Software, June 24-26, 1979, EDP Auditors Foundation: funded by National Science Foundation, \$11,750; 1979

“Effects of Alternative Content and Format of Internal Control Reports on Perceived System Integrity by General Auditors, DP Management, Senior Management and End Users”: Coopers & Lybrand, \$5000; 1977.

To Develop “A Common Body of Knowledge for EDP Auditing”: EDP Auditors Association, \$30,000; 1976

“A Study of Acquisition and Use of STI by R&D Personnel Engaged in Process Innovations”: NSF, \$3,500; 1976

“Behavioral Research on Accounting: A Proposed Framework and Examination of Prior Research”: American Accounting Association, \$7,500; 1975

NSF Summer Fellowship, University of Pennsylvania, 1974

Accounting Department, Wharton School Summer Research Grant, 1973

**Software Donations Negotiated for IM Courses’ Adoption:**

2015-16 IBM WATSON, WATSON Analytics-Premium

2010-16 IBM/SPSS Modeler

2009-10 Project Management PSNext (SAAS) from Sciforma Corp.

2002-2009 Business Technology Platform, Enamics Corp. [student access to Enamics’ hosted application website]

2006 Primavera Corporation. Suretrack Project Management Software

2001-2003 Analyst Studio with Rational Rose (Rational Software), IS Analysis and Design

2001 Powerplay, Cognos Corporation (Knowledge Management)

2000-2002 Dreamweaver (3, then 4), Macromedia, Web Page Design

2000 Visual Cafe 4.0 (Java), Webgain, Internet Application Development

1999-2005 Intelligent Miner for Data (and Text) IBM, Knowledge Management

1995 Key Workgroup, Sterling Software, IS Analysis and Design

1995-2005 Process Charter, (Strategic) Management of IT (Sciforma Corporation)

1994-2003 P.3. Project Management (Primavera) IS Analysis and Design

1992 Javelin DSS, Information Resources, Decision Support Expert System

1987

Powerbuilder, IS Analysis and Design (Powersoft Corporation)

1985,86

Excelerator, IS Analysis and Design (Index Technology)

**Intellectual Development/Continuing Education**

Aug 2010 Attended Microstrategy 1 day hands-on workshop “Developing Mobile Business Intelligence Applications for IPADs”

July 2010 Attended IIA Chicago Chapter 1 day seminar : Data Mining for Forensic Auditing”

May 2007 Attended “Performing Forensic Accounting Examinations,” ½ day seminar, Illinois CPA Society

2001-2015 Attend Chicago Chapter Society for Information Management meetings with speakers

2001-2013 Attend Institute of Internal Auditors Chicago Chapter meetings with speakers

1999, 2001 Digital Frontier Conference, Kellogg Graduate School of Management, NWU

Ongoing Attended various computer trade shows in Chicago area

2001 Fundamentals of Rational Rose, August 24, 2001

1999

International Conference on Information Systems, Charlotte N.C.; and Seattle WA, 2002.

1998 “Economics of Electronic Commerce,” IC3 Research Conference, U.T., Austin

1994 Dunn Consulting Services, one-day workshop to learn SQL Windows

1991-1994 Continuing education courses, accounting and computers, Illinois CPA Society, Midwest Computer Show

1995-2011 Continuing education courses, Illinois CPA Society, Midwest Business and Accounting Show

1991-1994 National Communications Forum, International Engineering Consortium, Computers and Communication, attended 4-5 sessions each year

1992 IIT, Ethics Center, 3-day NSF Workshop on Teaching Ethics

## **Professional Activities**

Treasurer, E-Business College, INFORMS, 2008-2009

Treasurer, Chicago Chapter. Society for Information Management [1988-1990, 1995-1996, 2008-09]

Treasurer, Information Integrity Research Group, 2009-

Board of Directors, Vice President for Finance and Information Management, Chicago Chapter (2004-2007), Association for Business Process Management Professionals and member, ABPMP Education Committee [developed & publishing BPM Common Body of Knowledge—Ver. 2.0 released to ABPMP membership: Mar. 2009; released to public and sold thru Amazon—April 2009]

Co-Founder and Board of Directors (Secretary 2001-2008), Information Integrity Coalition, 2001-present; Enterprise Information Integrity Awards competition, judge Summer 2008, Chair., Education and Research Committees, 2008-09.

Educational Overseer, International Engineering Consortium, 1991-1996

Member, Information Industry Council of Metropolitan Chicago, CIO Task Force, 1988-1989

Member, Coleman Council for Entrepreneur Awareness and Education, 1987-2002

Member, Accounting Models and Issues Working Group, Cost Management Systems Projects, Computer Aided Manufacturing International (CAM-I), 1985-1987

Instructor, “EDP Auditing and Systems Development,” Wharton Systems Management Program, Fidelity Bank, December, 1977

Staff Auditor (Designed and implemented a test deck and integrated test facility for a payroll system), G.D. Brighton, Urbana, Illinois, Summer, 1971

Internal Auditor, Northwestern University, Summer 1967 and April-June 1968

Intern, Arthur Anderson & Company, Chicago, Winter 1965-1966 and February-March 1967

Intern, Haskins & Sells, Chicago, Summer 1966

## **Professional Presentations:**



“Teaching Data Mining,” at SPSS SW Regional Academic Conference, Dallas TX, March 12, 2010

“Market Research, Tools and Techniques (using GIS),” at the Illinois Council on Continuing Higher Education (ICCHE) Northern Region Spring Symposium "Partnering in the 21st Century," at Governors State University, April 15, 2005.

“A Conceptual Framework of Information Integrity with a Case Study”, International Conference—Information Systems Control and Audit Association, Cambridge MA, June 2004.

“A Conceptual Framework of Information Integrity with a Case Study”, Chicago Chapter, Institute of Internal Auditors, October 2003

“A Conceptual Framework of Information Integrity with a Case Study”, Chicago Data Management Association Chapter Meeting, December 2002.

“Shake-Out in the dot.com World.” (with Paul Prabhaker) Stuart School First Thursday Alumni Series, Nov. 2001.

“Making the Internet Work for You.” (with Ken Gibson) Stuart Alumni Series, May 1999.

Panelist, “E-Commerce Academic Programs.” REGIS, March 1999.

“Preparing for Your First IS Job.” SIM Panel on IS Education, MBAA Society for the Advancement of Information Systems Annual Conference, Chicago, March 1996.

“Survey of Application Development Teaching Methods and Tools.” REGIS Workshop, Chicago, November 1994.

“Teaching Innovations for System Analysis,” The Future of Systems Analysis, Index Technology’s Exceleator User Conference, Boston, September 1985.

“Management Controls for Microcomputers,” Microcomputer Security Workshop, EDPA, Chicago, October 1984.

“Accounting for the Automated Factory,” Executive Forum, MACH TEC 1983 International Conference, Chicago,

“DP Auditing Education Assessment,” presented at the Mideast Group Partners and Managers Meeting, Coopers and Lybrand, Detroit, January 1981.

“Increasing Responsibilities and Professionalism for EDP Auditing in the 1980’s,” presented at the EDP Audit Symposium sponsored by the Touche Ross Foundation, University of Massachusetts, October, 1979.

“Improving Productivity of Corporate Modeling,” presented at the 20th Annual Seminar, Chicago Chapter, Planning Executives Institute, March 1, 1979.

“Challenges for Educating EDP Auditors,” presented at the EDP Auditor Training Symposium sponsored by the Touche Ross Foundation, University of Massachusetts, May 8-9, 1978.

“Managerial Issues in Internal EDP Controls,” presented at “EDP Auditing--Should the Public Depend Upon It,” National Capital Area EDPAA Chapter Fall Seminar, October 1977.

“Definition of a Profession: A Common Body of Knowledge for EDP Auditing,” presented at a New York City EDPAA Chapter Meeting, September 1977.

### **Administration and University Service**

#### **At Illinois Institute of Technology:**

Mentor, SSB junior faculty member, 2009-10 [Zeng], 2010-13[Chakravarti] , 2015-16 [Jayarajan]

Member, IIT Humanizing Technology Research Group, 2009-11

Member, DTC CAMCOPT Committee, 2007-09

Member, Stuart Graduate Curriculum Committee, 2006-10

Member, Stuart Research Committee, 2007-08

Member Stuart Strategic Planning Committee, 2007

AACSB Stuart Learning Assessment Coordinator, 2007

Member, Ad Hoc Stuart E-MBA and MBA Committee, 2006-07

Member, Stuart School AACSB Review Committee, 1987-1988, 1997-1998

Member, Stuart School MBA Curriculum Committee, 1984-1986 and 1987-1988; 2003-2005; Chair, 2004-06

Member, Stuart School Faculty Committee, 1991-2003; Chair, 1991-2001; 2003-06

Stuart School Instructional Resources Committee, 2010-12, 2006-07, 2002-03, Chair; 2004-05; Chair

Associate Director, ALBA-Stuart Advanced Professional Certificate Program, “Managing the Digital Enterprise,” (Athens) Jan. – July 2002

Director, E-Business Certificate Program, 2001-present

Academic Director, MS E-Commerce Program, 2000-2003

Member, IIT Grievance Committee, 2001-2002

Member, IIT Graduate Studies Committee, 2013-16

Member, IIT Committee to Revise Faculty Handbook, 1998-1999

Member, IIT Faculty Ranks Committee, 1998-1999

Member, IIT Academic Freedom and Tenure Committee, 1997-1998

Member, Stuart School Executive Committee, 1996-2001

Member, IIT Committee to Review Computer Science Graduate Programs, 1996-1997

Member, IIT Academic Leadership Council, 1995-1997

Member, Stuart School Computing Facilities, 1993-1994

Member, IIT Faculty Council, 1991-1994; 2014-17

Member, IIT Financial Affairs Committee, 1991-1994; Chair, 1992-1993

Director, Center for Research on the Impacts of Information Systems (CRIIS), 1988-2001

Chair, Stuart School Dean Search Committee, 1988-1989; member, 1993-1995

Member, IIT Long-Range Planning Committee for Computing, 1988-1989

Member, Stuart School Ph.D. Policy Committee, 1988-1989

Member, IIT Research Initiative Fund Proposal Evaluation Committee, 1987-1989

Chair, Faculty Senate Budget Committee, 1987-1988

Member, Committee to Review the Reappointment of Dean Goldhar, SSBA, 1987-1988

Member, Committee to Select IIT West Director, 1986-1987

Member, Committee to Review the Reappointment of Dean Collens, Law School, 1985-1986

Design Consultant and Advisor, SSBA Computing Laboratories, 1985-1988

Member, University and Faculty Senate Computing Resources Committee, 1983-1988

Member, Stuart School Strategic Planning Committee, 1983-1984

Chair, Stuart School Strategic Planning Committee, 1986-1987 and 1989-1990

Member, Stuart School University Planning Group, 1984-1985

Member, Committee on IIT Center Communications, 1987

Member, University Committee on Computers and the Curriculum, 1984-1985

Fund Raising for CRIIS

Formation of a Midwest IRM Executive Roundtable

Principal Author-Redesign of MBA, MBA for Technology Managers, and MBA for Technology Executives, IRM Curriculum

Principal or Co-author of numerous IRM funding proposals to foundations and corporations.

At Weatherhead School of Management:

Member, WSOM Computer Committee, 1982-1983

Member, WSOM Research Committee, 1981-1982

Acting Head, Management Information-Decision Systems, 1981

Coordinate WSOM Computer Lab, 1981

Member, Jennings Computer Center Advisory Committee, 1981

Member, WSOM Research Book Editorial Committee, 1980

At Wharton School:

Member, Wharton Computer Committee, 1973-1978

Chair, Ad Hoc Group to Investigate the Development of a Wharton Financial Modeling and Statistical Analysis Package, 1974-1976

Chair, Wharton Prizes and Awards Committee, 1974-1976

Member, Wharton Prizes and Awards Committee, 1973-1974

Member, Wharton Administrative Service Committee, 1974

### **Professional Honors, Listings, and Awards**

AIS Senior Scholar, 2014-

Institute of Internal Auditors, First Place award (international) chapters' research competition for "Internal Audit Independence and Corporate Governance," June 2003

Faculty Fellow, National Communications Forum, Chicago, September 1987-1996

Listed in:

Who's Who in the Midwest, 42nd edition, 2016

Who's Who in America, 70th edition, 2016

Who's Who in the World, 26th edition, 2009

Who's Who in Science and Engineering, 6th edition, 2002-2003

Who's Who in Media and Communications, 1st edition, 1997

Who's Who in Finance and Industry, 30th edition, 2010

Who's Who in American Education, 5th edition, 1995

### **Professional Societies**

International Engineering Consortium  
Educational Overseer, 1991-1995

American Accounting Association  
Accounting Behavior and Organization Section Officer  
Secretary-Treasurer, 1985-1986; Vice Chair, 1986-1987, Chair, 1987-1988  
Member AAA National Committee, 1987-1988  
Midwest Regional Meeting Coordinator Behavioral Papers, 1984-1985  
Midwest Region Coordinator, 1983-1985  
Member Region Coordinator, 1983-1985  
Technical Program Committee, 1978  
National Meeting MAS Section By-Laws Committee, 1977

American Institute of CPA's

Association for Computing Machinery

Member, ACM Standards Committee, 1982-1987

Secretary, Special Interest Group on Security, Auditability and Control, 1981-1985

Association of Business Process Professionals

Member, National Education Committee 2004-11; Chair of Model Curriculum sub-committee;

Member of Certification subcommittee; VP Finance and IS, Chicago chapter, 2005-08.

BTM Institute, Michael Nobel Harriet Fulbright Institute of Business Technology Management

Member, BTM Global Research Council, 2004-2008

Community Accounts Inc. of Philadelphia

Board of Directors, 1974-1975

EDP Auditors Association (now ISACA)

Board of Directors, Chicago Chapter, 1986-1988

Research Liaison, Chicago Chapter, 1984

Chicago Chapter EDPAA Workshop Chair, "Microcomputer Security Control and Audit," October 1984

Treasurer, Philadelphia Chapters, 1976-1978

Board of Directors, Philadelphia Chapter, 1975-1978

Editor, Philadelphia Chapter Newsletter, 1974-1976

EDP Auditors Foundation for Education and Research (now ISACA)

Research Office at WSOM, 1980-1981

Executive Vice-President, 1979-1980

Director of Research, 1977-1981

Trustee, 1976-1980

Project Manager, Common Body of Knowledge, 1975-1981

Developer, Certified Information System Auditor Program, 1979

Information Integrity Coalition, Founder, Board of Directors member 2003-10, Secretary 2007-09,

Chairman, Education Comm. 2008-10, Chairman, Research Comm. 2009; Information Integrity Awards Judge, 2008.

Information Overload Research Group, treasurer, 2009-

Institute for Certification of Computer Professionals

Member, Certified Systems Professional Continuing Education Committee, 1984-1985

Institute of Electrical and Electronics Engineers, Computer Society, 2001-2011

Institute of Internal Auditors

Chair, Research Committee, Chicago Chapter, 2000-2008

Society for Information Management

Academic Liaison, Chicago Chapter, 2007-09

Treasurer, Chicago Chapter, 1988-1990, 1995-1996, 2008-09

Program Chair, Chicago Chapter, 1987-1988

Member and Assessment Area Head, Chicago Chapter Working Group on Groupware, 1995-1996

Society for Judgment and Decision Making

INFORMS (The Institute of Management Science)

Treasurer, E-Business section, 2008-09

Secretary, College on Artificial Intelligence in Management Science, 1987

Member, National Nominations Committee, 1984

Chair, Executive Committee, Information Systems College, 1978-1979, 1984-1985

College Chair, Information Systems College, 1976-1978, 1983-1984

Summer Workshop Committee, Information Systems College, 1975-1978

Chair, On-Line Decisions Systems College, 1976-1977

Treasurer, On-Line Decisions Systems College, 1974-1975

Instructor, Management Accounting Workshop Series, Delaware Valley Chapter, 1974

Illinois Society of CPA's

Member, Computer Information Systems Committee, 1986-1988

Chair, Local Area Network Booklet Project, 1983-1984

Chair, "Using Information Technology to Improve Competitive Position" Subcommittee, 1984-1985

Member, Management Advisory Services Executive Committee, 1985-1986, 1987-1988

Society for Judgment and Decision-Making, 1997-present

The Data Warehouse Institute, 2009-

Conference Program Chairmanships and Other Roles:

Chair, Electronic Commerce: Emerging Markets, National Communications Forum, Chicago, October 1995.

Program Chairman, "Measuring and Communicating IS Effectiveness," Chicago SIM Chapter Spring Seminar, March 1988.

Information Technology Management Track Program Chair, National Computer Conference, Chicago, June 15-18, 1987.

Program Chairman, Conference on Management and Information Technologies, ACM-DPMA National Conference, Chicago, April 4-6, 1986.

Member, Program Committee, 6th International Conference on Information Systems, December 1985.

Co-Chair with Phillip Grove, Illinois Accounting Teachers Conference, IIT, October 1985.

Coordinator, Behavioral Accounting Workshop and Papers, Case Western Reserve University

Chairman, Doctoral Consortium, 2nd International Conference on Information Systems, MIT Endicott House, December 4-6, 1981.

Program Chairman and Member of Doctoral Consortium Faculty, 1st International Conference On Information Systems, Philadelphia, December 7-10, 1980.

Program Chairman, Auditing System Software Research Workshop, EDP Auditors Foundation, June 24-26, 1979; University of Chicago (funded by the National Science Foundation).

Resident Faculty Member, Doctoral Consortium, 3rd International Conference on Information Systems, Ann Arbor, December 1982.

Member, Conferences on Information Systems Executive Committee, 1981-1982, Advisory Board, 1980-1987.

TIMS Representative Steering Committee, 1983 Human Factors in Computer Systems Conference. Management/Strategy issues in e-Business Management/Strategy issues in e-Business

Convener of Paper Sessions:

Chairperson, Management/Strategy Issues in e-Business, INFORMS, Nov. 2005, San Francisco

Chairperson, IT Implementation, INFORMS, Nov. 17-20, 2002, San Jose

Chairperson, Interactive Problem Formulation Aids, CHI 1985, April 1985, San Francisco.

Chairperson, DSS Applications, Conference on Information Systems, December 1983, Houston.



Chairperson, Management Controls for MIS, National ORSA/TIMS Meeting, Spring 1978, New York City.

Chairperson, Management Controls for MIS, National ORSA/TIMS Meeting, Fall 1977, Atlanta, Georgia.

Chairperson, Management Information Systems Sessions, National Aids Meeting, November 1976, San Francisco, California.

Chairperson, Theory and Practice of MIS, National AIDS Meeting, Spring 1976.

Editorial Board Membership:

Editorial Board of Computers & Security, 1994-2015

Editorial Board of Information & Management, 2005-06

Editorial Reviewer, Behavioral Research in Accounting, 1997-1998

Editorial Reviewer, Data and Knowledge Engineering, 1985-86

Editorial Reviewer, MIS Quarterly, 1984-1989

Editorial Board (Audit Area) of Advances in Accounting, 1982-1986

Board of Reviewers, Georgia Journal of Accounting, 1986

Editorial Board, Information Systems in Management, R. Boland and R. Hirscheim (eds.) Wiley Series, 1985-1990

Editorial Reviewer, Journal of Forecasting, 1982

Editorial Reviewer, Human Systems Management, 1982-1983

Editorial Board, Journal of Information Systems, 1985-1990

Editorial Board of the Accounting Review, 1974-1975; 1979-1982

Contributing Editor, The EDP Auditor, 1974-1976

Editorial Reviewer, Management Datamatics, 1975-1976

Editorial Reviewer for Interactive Behavior and Organizational Design Department and Information and Systems Science Department, Management Science, 1976- 1985

Editorial Reviewer, Journal of Accounting Research, 1978-1979

**Civic and Community Activities**

Member, Information and Communications Industry Task Force on Jobs for Metropolitan Chicago, T. Martin and W. Weiss, Co-Chairs, Commercial Club of Chicago, November 1983-March 1984