

Doris G. Duncan

Professor, Computer Info Systems & Accounting
California State University, East Bay
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Education

- PhD** **Doctor of Philosophy, Business Administration**
Golden Gate University, San Francisco, CA
Emphasis in Information Systems
- MBA** **Master of Business Administration**
University of Washington, Seattle, WA
Emphasis in Management Science
- BA** **Bachelor of Arts**
University of Washington, Seattle, WA
Emphasis in Business Administration and Marketing

Professional Certifications

CCP (2006) Certified Computer Professional

Awarded by Institute for Certification of Computer Professionals; original issue 1994.
40 hours of continuing education per year required to stay current.

CSP (1985) Certified Systems Professional

Awarded by Institute for Certification of Computer Professionals

CDE (1984) Certified Data Educator

Awarded by Data Education Certification Council.

CDP (1984) Certified in Data Processing

Awarded by Institute for Certification of Computer Professionals

University Teaching and Administrative Experience

Dec 2006 – Sep 2008

Director of MBA Programs, College of Business and Economics
California State University, East Bay

Responsible for: advising and recruiting MBA students, processing applications and course equivalency evaluations, maintaining curriculum currency, participating in curriculum development, working with chairs and dean for course scheduling, developing programs and goals, outcomes assessments, supervision of graduate programs office, liaison between CBE graduate programs and relevant academic and administrative offices, including Academic Programs and Graduate Studies, Continuing and International Education, Career Development

Center and the newly formed MBA Association. Oversee the Fourth Year Bridge Program in Business Studies and coordinate with international partners. Conduct competitive research and analyses. Approximately 650 students enrolled in MBA program which is comprised of 14 options. Teaching load reduced for performing administrative duties.

March 1976 - Present

**Professor, Computer Information Systems, Dept of Accounting and Finance, College of Business and Economics
California State University, East Bay**

Regular faculty member teaching computer information systems and accounting courses. Lecturer from 1976 to 1978, Associate Professor from 1978 to 1985, Full Professor from 1985, tenure since 1983. Participant in Faculty Early Retirement Program (FERP) since fall, 2010. Courses taught include:

- E-Commerce Technology (graduate course)
- Advanced Study of Computer Information Systems (graduate course)
- Current topics in Information systems (graduate course)
- Decision Support Systems (graduate course)
- Information Systems and Analysis (graduate course)
- Graduate Introduction to Computer Information Systems (graduate course)
- Accounting Information Systems
- Data Base Management
- Data Base Management Systems I
- Information Technology in Business
- Computer Information Systems in Management
- Management Information Systems
- Systems Analysis and Design
- Advanced Topics in Business Computer Systems
- Introduction to Business Computer Systems
- Business Computer Programming Applications
- COBOL I
- PC Fundamentals
- Legal Environment of Business
- Accounting for Non-Business Majors
- How to Implement an MIS System (extension program)
- Exam Preparation for Certified Data Processor

Additional responsibilities include extensive committee service, graduate and undergraduate student advising, curriculum development, publishing, faculty recruiting, and teaching for extended education department. Area Coordinator/ program head for Computer Information Systems and Business Computer Telecommunications (acting) 1994-1997 (CIS), 1994 - 1996 (TC). (Took unpaid leave 1982-83, 1997-98, sabbatical leaves 1984-85, 1991, 1998, 2005). Graduate Advisor for MBA programs in E-Business and Computer Information Systems (CIS) since 1999. Graduate Coordinator for MSBA in CIS/ Quantitative Business Methods 2005-2009. Director of MBA programs 2006-2008. Chair, Lecturer Review Committee, Department of Accounting and Finance, 2009-10. Member, Retention, Promotion, Tenure Committee, College of Business and Economics, 2009-10. Member, Retention, Promotion, Tenure Committee, Department of Accounting and Finance, 2013-14.

June 1997 - June 1998

**Visiting Professor, Information Systems
Department of Management Science
University of Washington, Seattle, WA**

Full-time faculty member, teaching information systems courses, including: Database Management, Introduction to Information Systems, and Computer-based Information Systems for Managers in the MBA program.

June 1982 – Sep 1983

**Director Information Systems
Program and Associate Professor
Golden Gate University, San Francisco, CA**

Position called for equal division of responsibilities between teaching and administration. Responsibilities consisted of teaching six computer information systems courses per year. Administrative duties included recruitment and management of approximately 35 adjunct faculty members, and scheduling about 30 class sections each semester. Responsibilities also included budgeting, curriculum development, student advising, program promotion, coordination with seminar programs and service on several committees.

Prior to 1976

Adjunct faculty member at numerous universities, including University of Washington, University of Puget Sound, San Jose State University. Taught business courses, primarily in marketing and computer systems.

Business Experience

May 1975 – September 1976

Director of Company Analysis and Monitoring Program Input, Palo Alto, CA

Design, marketing, management and production of a new information service provided to users and suppliers of computer oriented services. The Company Analysis and Monitoring Program for the Computer Services Industry were profitable in its first year of operation. It comprised a directory of computer services companies, indices of geographic applications and industry markets served by these companies, and detailed company profiles.

May 1973 – September 1975

**Senior Staff Consultant / Project Manager
Computer Technology Division
Quantum Science Corp., Palo Alto, CA**

Market research, forecasting, management consulting, report writing and oral presentations conducted on project-oriented basis. Observed software and hardware trends among computer users. Managed projects as client studies, data base development, questionnaire design, survey design, data analysis and business development.

Dec 1968 – May 1973

**Marketing Supervisor / Communications Consultant
American Telephone and Telegraph Co.
San Francisco, CA and Seattle, WA**

Sold and serviced national accounts using teleprocessing and telecommunications equipment. Account responsibility included "Fortune 1000" finance, transportation, and distribution companies. Special project responsibilities included creation, design and implementation of computerized budget system, budget forecasting, customer training and seminars. Integrated conceptual skills with technical applications.

1976 to present

Independent Consultant, Computer Information Systems (part time) to:

American Telephone, Pacific Bell, Valicert Inc., Dialog Information Services, Input Corp. Golden Gate University, United Camps Conferences and Retreats, Irwin Publishing Co., McGraw-Hill Book Co., Pearson Prentice Hall Publishing, Cengage, Mitchell Publishing, John Wiley & Sons, Addison Wesley Publishers, The Mentor Group, Career Ladders Project, Computer Repair Services (Member, Board of Directors, 1992 - 1994), Member, Technical Advisory Board for Ximnet Inc., 2000 – 2002, Member, Advisory Board for Incipient Venture Capital fund, 2008 – present.

Summary of Special Qualifications

Strategic electronic commerce development, internet web site design and development, technology assessment, software and hardware evaluation. Also accounting and information systems, systems analysis and design, data base management, telecommunications, teaching, research and writing, manuscript reviewing, consulting, word processing, and spreadsheets. Tax software, programming in HTML, BASIC, COBOL, UNIX, SQL, fourth generation languages. Internet user, including electronic mail software such as Google, Outlook, Pegasus and Pine. Microcomputing applications software skills include: Microsoft Office 2003, 2007, 2010, 2013 (Word, Excel, Access, Power Point), FrontPage, Visio, Adobe Photoshop, Word Perfect, Grammatik, Lotus 1-2-3, dBASE IV, Kermit, TurboTax, Visible Analyst, Excelerator, ABC Snap Graphics, Norton Utilities, McAfee, Peachtree, DOS, WINDOWS 95, WINDOWS 98, WINDOWS 2000, WINDOWS XP, Windows 7, Windows 8.1, Novell. QuickBooks Pro 2007, Course Management Systems as BlackBoard. Computer hardware and operating system experience includes all sizes of computers from laptop and desktop computers to minicomputers and mainframes in client server environment. Examples include: IBM microcomputers, IBM 9377, IBM 4341, IBM 370, IBM 360, DEC PDP 11, CDC Cyber 170, CDC 3150, HP3000, I Burroughs 5500, BM PC, Xerox 820, Dell Inspiron laptops and tablets.

Publications

Books:

Duncan, D; Assisted by S. Aviel, D. (1983). *Computers and remote computing services*. Washington, DC: University Press of America.

Reviews are published in Computing Reviews, September, 1983, *Data Management*, August 1983 and *Interface*, summer, 1983. The book is listed on recommended reading lists for MBA students. I was interviewed on a television news program about the book.

Articles

Duncan, D. with C. Barczyk (2015). The Facebook Effect in University Classrooms: A Study of Attitudes and Sense of Community Using an Independent Measures Control Group Design. *American Journal of Management*. Summer 2015, Volume 15, Issue 3. 30% acceptance rate. (in press).

Duncan, D. with C. Barczyk (2014). Facebook in Higher Education: Contributions to Sense of Learning and Sense of Connectedness. *Journal of West East Institute Business and Economics*. April 2014. [18-22% acceptance rate]

Duncan, D. (2013). "Information Technology in Tunisian Higher Education: A Fulbright Scholar's Experience". *Journal of Applied Global Research*, Vol 6, Issue 18, pp. 56 – 68, published by Intellectbase.

Duncan, D. with C. Barczyk (2013) Facebook in the University Classroom: Do Students Perceive that it Enhances Community of Practice and Sense of Community? *International Journal of Business and Social Science* 4 (3), pp. 1-14.

- Duncan, D. with C. Barczyk (2013) Facebook in Higher Education Courses: An Analysis of Students' Attitudes, Community of Practice, and Classroom Community. *International Business and Management* 6 (1), pp. 1-11.
- Duncan, D. with C. Barczyk (October, 2012) Social Networking Media: An Approach for the Teaching of International Business. *Journal of Teaching in International Business* 23 (2), pp. 98-122.
- Duncan, D. (2012). Convergence of Information Technology in Ugandan Higher Education and Entrepreneurship: A Fulbright Scholar's Perspective. *Academy of Educational Leadership Journal*, (16) 2, pp. 47-62.
- Duncan, D. with C. Barczyk (November, 2011). Social Networking Media as a Tool for Teaching Business Administration Courses, *International Journal of Humanities and Social Science* 1 (17), pp. 267-276.
- Duncan, D. (2010). MBA Program Revision and the Impact on the CIS Option, *Issues in Informing Science and Information Technology* (7) pp. 225-234.
- Duncan, D. (September, 2007). Student performance shows slight improvement, when open notes are used during information systems exams. *Journal of Information Technology Education*, 6. pp. 361-370.
- Duncan, D. (Winter, 2007). Dot-gone: Fate of a dot-com enterprise. *Journal of Business Case Studies* 3 (1), pp. 33-36.
- Duncan, D. (Fall, 2006). Teaching Tip: Use of Notes During Information Technology Exams Improves Student Performance Slightly. *Journal of Informatics Education Research*. 8 (3) pp. 129-142.
- Duncan, D. (October, 2006). E-Business curriculum literature review reveals opportunities and challenges. *Issues in Information Systems*. pp. 264 – 267.
- Duncan, D. (September, 2004). Dot-Gone: Destiny of a Dot-Com Enterprise. *Teach IS: Resources for Informing Systems Education*.
- Duncan, D. (2004). Dot gone: Fate of a dot-com start up. *Information Executive*.
- Duncan, D. (2001). Information technology partnerships between industry and academia. *Journal of Informatics Education Research* 3(2), pp. 23 -32.
- Contributor, "Ask the Experts" a regular column published in The Nanosecond, 2000, pp. 7 – 8.
- Duncan, D. (2000). Information technology in the classroom, boon or bust? *Journal of Computer Information Systems* 40(4), pp. 1 – 5.
- Duncan, D. (2000). (Co-author). Career planning: A systems development approach. *Information executive*.
- Duncan, D. (1999). (Co-author). Comicstand.com: An ecommerce start up. *Journal of the International Academy for Case Studies* 5(1, 2).
- Duncan, D. (1999). Career planning: An endless venture in CIS. *The Nanosecond*.
- Duncan, D. (1996). (Co-author). Converting from mainframe to client/server at theology. *Journal of Software Maintenance: Research and Vol.8*.

- Duncan, D. (1992). Qualifications of information technology teachers: The role of education and certification. *Journal of Information Systems*, 4 (1).
- Duncan, D. (1992). ICCP completes survey on certification and licensing. *Newsletter of the Association of the Institute for Certification of Computer Professionals*, 9(1).
- Duncan, D. (1991-92). Qualifications of information technology college faculties: The role of formal education and professional certification. *Journal of Educational Technology Systems*, 20 (2).
- Duncan, D. (1991). Information technology enhances productivity: Fact or fantasy. *Information Executive*, 4(4).
- Duncan, D. (1991). ICCP completes survey of computer certification among educators *Newsletter of the Association of the Institute for Certification of Computer Professionals*, 8(1).
* Reprinted by Data Processing Management Association in *Inside DPMA*, Vol. 29, No.4, pp.2-10. May 1991.
- Duncan, D. (1990). Personal Computing Proficiency as a Business School Prerequisite. *Journal of Computer Information Systems*, 31(1).
- Duncan, D. (1989). DPMA special interest Groups: A professional development opportunity. *The Digest*.
- Duncan, D. (1989). Dialog customer survey: Summary of results and conclusions. *Prolog*.
- Duncan, D. (1987). Synopsis of Membership Recruiting and Retention Ideas. *The Informer*.
- Duncan, D. (1987). DPMA curriculum work now assists in four areas as schools, textbook publishers sign on. *Inside DPMA*.
- Duncan, D. (1987). DPMA curriculum work now assists in four active areas. *Leadership News*.
- Duncan, D. (1986). DPMA offers four model curricula. *EDSIG News*.
- Duncan, D. (1985). DPMA education foundation: A Profile. *EDSIG News*.
- Duncan, D. (1985). A call for graduate curriculum ideas. *EDSIG News*.
- Duncan, D. (1984). Great expectations for information systems curriculum: A survey of MIS management. *Interface, the Computer Education Quarterly*, 6(2)
- Duncan, D. (1984). 1984 in perspective-- computer influence pervasive: Yet little understood. *Data Management* 22(10).
- Duncan, D. (1984). Course syllabus: Introduction to business computer systems. *Instructor's Guide to Accompany Business Computer Systems: An Introduction*.
- Duncan, D. (1984). Course syllabus: Database management. *GISE*, <http://www.gise.org>

Conference Proceedings and Papers

- Duncan, D. with C. Barczyk (2015). "Facebook Enhanced Courses and the Role of Personality", Orlando 2015 Proceedings, Published by the Society of Business Research. March, 2015.
- Duncan, D. with C. Barczyk (2015). "The Facebook Effect in University Courses: Sense of Classroom Community". 2015 Proceedings of the International Academy of Business and

Public Administration Disciplines (IABPAD) conference. Published by the International Academy of Business and Public Administration Disciplines in Orlando, Florida. ***Winner of research award***.

Duncan, D. (2014). "Trends in Information Technology Careers in 2014 and Beyond: A Silicon Valley Perspective". Proceedings of BIT's 3d Annual World Congress of Emerging InfoTech-2014. Published by BIT Congress, Inc. Dalian, China. June, 2014.

Duncan, D. with C. Barczyk (2014). "Facebook in Higher Education: Contributions to Sense of Learning and Sense of Connectedness". 2014 Proceedings of the International Academic Conference Proceedings. Published by the West East Institute, Vienna, Austria, April. 2014.

Duncan, D. with C. Barczyk (2014). "Social Networking Media in the International Business Classroom", Proceedings published by the Society for the Advancement of Information Systems in conjunction with the MBAA International 50th Meeting, Chicago, IL, March, 2014.

Duncan, D. (2013). "Information Technology in Tunisian Higher Education: A Fulbright Scholar's Experience". Published in Proceedings of the Intellectbase International Consortium, pp. 245-253, May 2013, Nashville, TN. Published by Intellectbase.

Duncan, D. (2012). "Information and Communications Technology Higher Education in Tunisia: Perspective of a Twice Fulbright Scholar". Abstract in Proceedings of the Decision Sciences Institute Annual meeting, November 2012, San Francisco, CA. Published by the Decision Sciences Institute.

Duncan, D. with C. Barczyk (2012). "Facebook in the University Classroom: Do Students Perceive that it Enhances Learning and Sense of Community?" Abstract in Proceedings of the Eurasia Business and Economics Society, November, 2012, Warsaw, Poland. Published by Eurasia Business and Economics Society.

Duncan, D. with P. Nareddy and C. Barczyk (2012). "Does Social Media Enhance the Effectiveness of Graduate Business Education? – A Small Classroom Study." Proceedings of the Society for Information Technology and Teacher Education (SITE) international conference, 2012, pp. 1661-1668, Austin, TX. Published by the Association for the Advancement of Computer Education (AACE).

Duncan, D. with C. Barczyk, and P. Nareddy (2012). "Students' Perceptions of Facebook Usage in Graduate Business Education." Information Systems & Quantitative Methods 2012 Proceedings. Published by the Society for the Advancement of Information Systems in conjunction with the MBAA International 48th Meeting, Chicago, IL. pp. 40-52.

Duncan, D. with C. Barczyk (2011). "Social Network Media: An Approach for the Teaching and Practice of International Business." Abstract in Proceedings of the Eurasia Business and Economics Society, October, 2011, Zagreb, Croatia. Published by Eurasia Business and Economics Society.

Duncan, D. (2011). "Partnership of Information Technology in Ugandan Academia and Entrepreneurship: A Fulbright Scholar's Experience." Proceedings of the Academy of Educational Leadership, spring 2011 international conference, Orlando, Florida. Published by Allied Academies 16 (1), pp. 21-26.

Duncan, D. (2010). "Information Technology Higher Education in Uganda: A Fulbright Scholar Experience". Abstract in Proceedings of the Decision Sciences Institute Annual Meeting, November 2010, San Diego, CA. Published by the Decision Sciences Institute.

- Duncan, D. (2010). "MBA Program Revision and the Impact on the CIS Option," Proceedings of the Informing Science and Information Technology Education Conference (InSITE). Cassino, Italy. Published by the Informing Science Institute.
- Duncan, D. (2009). "Restructuring an MBA Program: What becomes of the CIS option?" Proceedings of the Information Systems Education Conference (ISECON). Washington, D.C. Published by the Association of Information Technology Professionals.
- Duncan, D. (2007). "Use of Open Notes During Information Systems Exams Improves Student Performance Slightly:" Proceedings of Association of Information Systems Special Interest Group in Education (AIS SIGED). Montreal, Canada: Published by the Association of Information Systems.
- Duncan, D. (2007). Student Performance Shows Slight Improvement When Open Notes are Used During Information Systems Exams: Proceedings of Informing Science and Information Technology Education Conference in Slovenia (InSite). Published by the Informing Science Institute.
- Duncan, D. (2005). Use of notes during information technology exams improves student performance: Fact or fantasy?: The International Conference on Informatics Education Research. Las Vegas NV, published by the International Academy for Information Management, an affiliate of the Association of Information Systems.
- Duncan, D. (2004). Partnerships between industry and academia: The 30th Anniversary International Congress on Science, Culture and the Arts in the 21st Century. Dublin, Ireland, published by the American Biographical Institute.
- Duncan, D. (2004). Use of notes during CIS exams enhances student performance: Manna or mirage?: Proceedings of the International Hawaii Conference on Business. Published by the East West Council for Education & Asia-Pacific Research Institute of Peking University.
- Duncan, D. (2003). Open Vs. closed notes: Effect on CIS exam results: Proceedings of the Academy of Business Education. San Francisco, CA. Published by the Association of Business Education
- Duncan, D. (2002). CIS Exam administration: Open Vs. closed: Proceedings of the international conference on informatics education and research. Barcelona Spain. Published by the International Academy for Information Management.
- Duncan, D. (2002). Impact of taking information technology exams using open notes: Proceedings of Informing Science Conference. Cork Ireland.
- Duncan, D. (2001). Dot-com becomes Dot-gone: Proceedings of the Decision Sciences Institute Annual Meeting. San Francisco, CA. Published by the Decision Sciences Institute
- Duncan, D. (2000). Information technology partnerships between industry and academia: Proceedings for the International Academy for Information Management. Brisbane, Australia
*Nominated for best paper
- Duncan, D. (2000). Partnerships between industry and academia in information technology: Proceedings of the Academy of Business Education Conference. Hamilton, Bermuda. Published by Academy of Business Education (electronic).
- Duncan, D. (1999). Comicstand.com: An e-commerce start-up: Proceedings of the Allied Academies International Conference. Las Vegas, Nevada
*This paper was selected for the ***distinguished research award*** in the case study track.

- Duncan, D. (1999). (co-author). Career planning: Blueprint for success in CIS: Proceedings of the Information Systems Education Conference. Chicago, Illinois. Published by the Association of Information Technology Professionals and the Foundation for Information Technology Education.
- Duncan, D. (1999). Technology transforms theology: Proceedings of the 1999 Americas Conference on Information Systems (AMCIS99). Milwaukee, Wisconsin. Published by the Association of Information Systems
- Duncan, D. (1999). Using information technology to teach technology: Boon or boondoggle?: Proceedings of the 1999 Americas Conference on Information Systems (AMCIS99). Milwaukee, Wisconsin. Published by the Association of Information Systems.
- Duncan, D. (1998). (co-author). Student computer clubs fill curriculum void and facilitate student careers: Proceedings of the Information Systems Education Conference. San Antonio, Texas. Published by the Association of Information Technology Professionals and the Foundation for Information Technology Education
- Duncan, D. (1998). (co-author). Using computer technology to teach information systems: Impact on Learning: Proceedings of the International Association of Computer Information Systems Conference, Cancun, Mexico. Published by the International Association of Computer Information Systems
- Duncan, D. (1997). (co-author). Information technology in classrooms: impact of using technology to teach technology. Proceedings of the International Association of Computer Information Systems. Louis, MO. Published by the International Association of Computer Information Systems.
- Duncan, D. (1996). (co-author). Cooperative education: A different perspective: Proceedings of the Information Systems Education Conference. St. Louis, MO. Published by the Data Processing Management Association Education Foundation.
- Duncan, D. (1995). Computer technology in classrooms enhances learning: Manna or mirage?: Proceedings of the Worldwide Conference on Information Systems Education. Denver, CO. Published by the Data Processing Management Association Special Interest Group in Education jointly with Computerworld.
- Duncan, D. (1994). Computer technology college faculties: Quality Assurance: Proceedings of the Pacific Regional Institute for Information Systems and Management International Conference. Colorado Springs, Colorado. Published by the University of Colorado.
- Duncan, D. (1993). Quality control among computer technology faculties: Proceedings of the 10th International Conference on Technology and Education. Cambridge, MA. Published by Massachusetts Institute of Technology and University of Texas at Austin.
- Duncan, D. (1991). Micro computing skills as a prerequisite for college admission: Proceedings of the International Association of Computer Information Systems Annual Convention. San Francisco, CA.
- Duncan, D. (1990). (co-author). Productivity Metrics for Information Technology: Proceedings of the Information Resource Management Association International Conference. Harrisburg, PA. Published in Information Resource Management Association.
- *Nominated for best paper.**

- Duncan, D. (1985). DPMA graduate model curriculum in management information systems: A preliminary report: Proceedings of the Information Systems Education Conference. Houston, TX. Published in Data Processing Management Association.
- Duncan, D. (1984). Social impact of decision support systems using computers: Joint conference of The Institute of Management Sciences and Operations Research Society of America TIMS/ORSA. San Francisco, CA. Abstract published in program.
- Duncan, D. (1982). (Co author). Computer data base facilitates teaching of forecasting techniques: Proceedings of the American Institute for Decision Sciences 14th Annual Conference. San Francisco, CA. Published in San Francisco: American Inst. for Decision Sciences
- Duncan, D. (1981). (Co author). Students confront database: Proceedings of the National Educational Computing Conference. Denton, TX.
- Duncan, D. (1981). Teaching with a computer database: ASEE 89th Annual Conference Proceedings. Los Angeles, CA. Published by American Society for Engineering Education.
- Duncan, D. (1980). (Co author). Teaching managerial economics using a computer database: Proceedings of the Western Educational Computer Conference. San Diego, CA. Published by California Educational Computing Consortium
- Duncan, D. (1979). The Remote Computing Services Industry. San Francisco, CA. Abstract Published in Proceedings of the Western Educational Computer Conference.

Reports

- Pacific Bell Data Communications Institute. (1989). *Management information systems*. San Francisco, CA.: Duncan, D.
- Data Processing Management Association. (1985). *DPMA model curriculum for graduate computer information systems*. (first draft edition) Park Ridge, IL.: Duncan, D.
- Input (1976, 1978). *Company analysis and monitoring program for the computer services industry*.: Palo Alto, CA.:Duncan, D.
- Quantum Science Corp. (1974, 78). *Resource reallocation: Impact on EDP expenditures*. Palo Alto, CA.:Duncan, D.
- Quantum Science Corp. (1975). *Network information services 1974-1980* (3 vol.). Palo Alto, CA.:Duncan, D. (co-author).
- Quantum Science Corp. (1974, 75). *Maptek strategy report: Computer services strategy program*. (3 vol.) Palo Alto, CA.:Duncan, D. (co-author).
- Quantum Science Corp. (1974). *Maptek strategy report: Computer equipment strategy program*. (3 vol.) Palo Alto, CA.:Duncan, D. (co-author).
- Lansford Publishing. (1973). *Principles of retail selling*. (3 vol.) San Jose, CA.:Duncan, D.

Book and Article Reviews:

- Review** of "Computer Science: a core discipline of liberal arts and sciences," by R.E. Beck, L.M. Cassel and R.H. Austing, appearing in Computing Reviews: Review Journal of the Association for Computing Machinery, April, 1990.

- Review** of "Certification for the Computer Professional -- Individual Preparation Strategies," by J. Ketchel appearing in Conference Proceedings of the ACM, November, 1981, in Computing Reviews: Review Journal of the Association for Computing Machinery, June, 1983.
- Review** of CDP Review Manual: A Data Processing Handbook, 2nd ed. by K. Lord in Computing Reviews: Review Journal of the Association for Computing Machinery, April, 1982.
- Review** of "The History of Computing: Its Place in the Curriculum," appearing in Interface: The Computer Education Quarterly, Fall, 1980, and under "Reviews:" in the Annals of the History of Computing, April, 1981.
- Review** of Business Computer Systems: An Introduction by D. Kroenke under "Books:" in Data Management, July, 1981; reprinted in Interface: The Computer Education Quarterly, Fall, 1981.

PUBLIC SPEAKING ENGAGEMENTS

- Presented paper**, Annual World Congress of Emerging Infotech, Dalian China, June, 2014.
- Presented paper**, Intellectbase International Consortium, Nashville, TN, May 23, 2013.
- Presented paper**, Decision Sciences Institute Annual meeting. San Francisco, Nov. 19, 2012.
- Seminar Leader and Fulbright Specialist**, Higher Institute of Engineering and Technology (ESPRIT), "Trends in Information Technology Careers: A Silicon Valley Perspective", in Ariana/Tunis, Tunisia, April 4 and 17, 2012.
- Seminar Leader and Fulbright Specialist**, Higher Institute of Engineering and Technology (ESPRIT), "Model Lessons for ESPRIT Students in Information Systems and Legal Environment of Business", in Ariana/Tunis, Tunisia, April 6, 2012.
- Presented paper**, Allied Academies 2011 Spring International Conf., Orlando FL, April 8, 2011.
- Presented paper**, Decision Sciences Institute Annual meeting, San Diego, November 23, 2010.
- Presented paper**, Informing Science and Information Technology Education Conference in Cassino Italy, June 24, 2010.
- Presenter**, "Information Technology Needs Assessment for Ugandan University and Incubator Technology company: A Fulbright Senior Specialist Project." California State University, East Bay, Research, Scholarship and Creative Activity Poster Exhibit, March 10, 2010.
- Speaker**, ACM Foothill Chapter, "High Tech Careers for the Next Decade," Los Altos Hills, CA, February 19, 2010.
- Presented Paper**, Information Systems Education Conference in Washington, D.C. November 7, 2009.
- Seminar leader and Fulbright Specialist**, Kyambogo University, "Pathway to Successful Research and Publishing, in Kampala, Uganda, July 8, 2009.
- Seminar leader and Fulbright Specialist**, Kyambogo University, "Creating Information Technology Linkages with Industry and Other Universities," in Kampala Uganda, July 14, 2009.
- Presented Paper**, Association of Information Systems, Special Interest Group in Education (SIGED), Montreal Canada, December 8, 2007.
- Panelist**, "Business School Insider Event," San Francisco, CA, July 31, 2007.
- Presented Paper**, Information Science and Information Technology Education (InSITE) conference, Ljubljana, Slovenia, June 25, 2007.
- Presented Paper**, International Conference of Computer Information Systems, Reno, NV, October 7, 2006.
- Presented Paper**, International Conference on Informatics Education Research (also known as Association of Information Systems and AIS SIG-ED), Las Vegas, NV, and December 11, 2005.
- Speaker**, Guilin Society of Software, topic: "Collaboration Opportunities for Industry and Academia," Guilin, China, October 24, 2005
- Speaker**, 30th Anniversary International Congress on Science, Culture and the Arts in the 21st Century, Dublin, Ireland, July, 2004.
- Presented Paper**, Hawaii International Conference on Business, Honolulu, June, 2004.
- Presented Paper**, Academy of Business Education conf., San Francisco, CA, September, 2003.

Presented Paper, International Conference on Informatics Education Research, Barcelona, Spain, and December, 2002.

Presented Paper, Decision Sciences Institute annual meeting, San Francisco, CA, November 2001.

Presented Paper, International Academy for Information Management, Brisbane, Australia, and December, 2000.

Presented Paper, Academy of Business Education Conference, Hamilton, Bermuda, Sep. 2000.

Presented Paper, Information Systems Education Conference, Chicago, Illinois, October, 1999.

Presented two Papers, Americas Conference on Information Systems, Milwaukee, Wisconsin, August, 1999.

Speaker, Association of Information Technology Professionals, July 15, 1999 on "High Tech Careers for the New Millennium" in Walnut Creek, CA.

Presented Paper, International Association of Computer Information Systems, held in Cancun, Mexico, October, 1998.

Presented Paper, Information Systems Education Conference, held in San Antonio, Texas, October, 1998.

Luncheon keynote Speaker, on "Outcomes Assessments," International Association of Computer Information Systems, held in St. Louis, Missouri, October, 1997.

Presented Paper, International Association of Computer Information Systems, held in St. Louis, Missouri, October, 1997.

Presented Paper, Information Systems Education Conference, held in St. Louis, Missouri, October, 1996.

Presented Paper, Worldwide Conference on Information Systems Education, held in Denver, Colorado, June, 1995.

Presented Paper, Pacific Research Institute for Information Systems and Management International Conference held in Maui, Hawaii, Jan., 1994.

Presented Paper, 10th International Conference on Technology and Education, held at Massachusetts Institute of Technology, May, 1993.

Presented Paper, International Association of Computer Information Systems Conf., October, 1991.

Presented Paper, Information Resource Management Association International Conference, May, 1990.

Presented Paper, Information Systems Education Conference, October, 1985.

Presented Paper, The Institute of Management Sciences/Operations Research Society of America Conference, May, 1984.

Presented Paper, American Institute for Decision Sciences, November, 1982.

Presented Paper, National Educational Computing Conference, June, 1981.

Presented Papers, Western Educational Computing Conference, November, 1980, 1981.

Main Speaker, Western Region AT&T System 85 User Group Conference

Session chair for 2 sessions at Americas Conference on Information Systems, August, 1999.

Track chair, International Conference on Informatics Education and Research, December 2002.

Track chair, Information Systems Education Conference

Chair of three conference sessions, West Coast Computer Faire

Chair of two conference sessions, San Francisco PC Faire

Leader of two professional development seminars, West Coast Computer Faire

Speaker, West Coast Computer Faire

Speaker, San Francisco PC Faire

Speaker, Sixth International Conference on Information Systems

Speaker, Association of Systems Management, East Bay Chapter

Speaker, Data Processing Management Association, SF (three times)

Speaker, Data Processing Management Association, San Jose Chapter

Speaker, Data Processing Management Assoc., Oakland Chapter

Speaker, Data Processing Management Assoc., Central Valley Chapter

Speaker, Data Processing Management Assoc., North Counties Chapter

Speaker, Data Processing Management Assoc., Student Chapter CSUH

Speaker, Cal. State, East Bay, Workshop in Economic Research

Speaker, Baruch College, City University of New York
Speaker, National Retail Merchants Association Conference
Speaker, Pacific Bell Small Business Conference and Exposition
Panelist, Northern California College Stores Assn. Conference
Panelist, spoke on Programmer/Analyst Careers, Los Medanos College
Speaker, Silicon Valley '86 Computer & Technology Exposition
Discussant, Conference on Creating A Computerized Bibliographical Resource on Ethical Problem Solving
Discussion leader, Business Data Processing Regional Conference
Moderator, Careers in Computer Information Systems Conference
Host for Teaching New Technology Seminar

PROFESSIONAL MEMBERSHIPS AND PARTICIPATION

Member, content expert panel for information communications technology careers study conducted by Career Ladders Project, Oakland, CA, 2012-2013.

Member and Primary Contributor, Education Committee, International Resource Management Association, 2001-2005. Developed new course in information security for IRMA/DAMA 2003 model IRM curriculum.

Journal of Information Systems Education, review board, 1992-1997.

Journal of Informatics Education Research, Associate Editor, 2003-2010.

Journal of Informatics Education Research, review board 2001-2002

Journal of Information Technology Education, review board, 2004- present.

International Journal of Infonomics Editorial Review Board, 2004-present.

Management Information Systems Quarterly, reviewer, 1990.

Member, Editorial Advisory Board, American Biographical Institute.

Reviewer, Proceedings of the Decision Sciences Institute Conference, 2010

Reviewer, Proceedings of Information Systems Education Conference, 2009.

Reviewer, Proceedings of the AIS Special Interest Group in Education Conference 2008

Reviewer, Proceedings of the AIS Special Interest Group in Education Conference, 2007

Reviewer, Proceedings of the Informing Science and Information Technology Education (InSITE) Conference, 2007

Reviewer, Proceedings of the International Association of CIS Conference, 2006.

Reviewer, Proceedings of the International Academy for Info. Management Conf., 2005.

Reviewer, Proceedings of the International Informatics Education and Research Conf. 2002

Reviewer, Proceedings of the Informing Science Conference, 2002

Reviewer, Proceedings of the International Academy for Information Management, 2000.

Reviewer, Proceedings of the Academy of Business Education Conference, 2000.

Reviewer, Proceedings of the Americas Conference on Information Systems (AMCIS), 1999.

Reviewer, Proceedings of the Information Systems Education Conference, 1999

Reviewer, Proceedings of the Information Systems Education Conference, 1998 (ISECON).

Reviewer, ISCC'99 (Information Systems Concentric Curriculum'99), October, 1998.

Reviewer, Proceedings of the International Association of Computer Information Systems annual convention, 1991.

Institute for Certification of Computer Professionals, Member of Board of Directors for Education Foundation, 1990 to 1993.

Data Processing Management Association, San Francisco, Member Board of Directors, 1984 to 1988. Association Director (i.e., member of national board of directors) 1987; President, 1986; Vice President, 1985, Secretary, 1985; Professional Education Committee Chair, 1984; Organizer and instructor for CDP exam preparation course 1983 through 1987. Bylaws Committee chair, 1987. SIG liaison for chapter, 1989. Officer-at-large, 1991. Award Committee Chair, 1992-1995.

Data Processing Management Association, International Headquarters, member of Board of Directors, Special Interest Group in Education, 1985 to 1987. Responsibilities include attending annual meetings, quarterly board meeting via conference call, liaison work with

DPMA Education Foundation, curriculum development and writing articles for newsletter.
 Chair, reception committee, 1987. Liaison to San Francisco chapter, 1986 and to Region 2, 1987, 1991.
 DPMA Course Team Expert and Reviewer, Data Processing Management Association, four-year Model Curriculum for Undergraduate Computer Information Systems Education, 1981, 1986, 1990, 1997 editions. Reviewer for DPMA Model Curric. for 2 year colleges, 1990.
 DPMA Graduate CIS Curriculum Committee member, 1986- 1988.
 DPMA national Curriculum Steering Committee, 1988-1997.
 DPMA Special Interest Group for Certified Data Processors, member 1982-present. Chapter and region liaison 1986 and 1987.
 Association for Computing Machinery, Member, 1984 –present, volunteer rep at Maker Faire 2012.
 Association of Information Systems 1999 – present.
 Society of Data Educators, 1986-87.
 International Association of Computer Info. Systems, 1991-92, 1997-99, 2006- 2007.
 Decision Sciences Institute (American Institute for Decision Sciences), 1982-83, 2001-2003.
 Association of Business Education, 2002-2004.
 Golden Gate University Advisory Board for Information Systems, 1983-84.
 Loaned Executive (fund raising), United Good Neighbors, 1969.
 Advisor, Junior Achievement of San Francisco, 1971-72.
 Accreditation Evaluation Team Member, Western Association of Schools and Colleges, 1984-85.
 International Platform Association 1988-1990.
 Computer History Museum, Volunteer Docent and Ambassador, 2003-present.
 Volunteer for church and Ronald McDonald House at Stanford

HONORS AND AWARDS

2015 research award winner for paper published in 2015 Proceedings of the International Academy of Business and Public Administration Disciplines conference (IABPAD).
 Fulbright Senior Specialist candidate, September 2006 – September 2011; selected by the Council for International Exchange of Scholars (CIES).
 Fulbright Senior Specialist in Information Technology, March - April 2012 for the Higher Institute of Engineering and Technology (ESPRIT) in Ariana/Tunis, Tunisia.
 Fulbright Senior Specialist in Information Technology, June – July 2009, for Kyambogo University and Logel Project in Kampala, Uganda.
 Awarded grant by Ecole Superieure de Commerce in Chambéry, France, to develop and teach electronic commerce course, December, 2009.
 Computer Educator of the Year for 1997, selected by International Association of Computer Information Systems.
 Recipient of distinguished research award from the Allied Academies for my co-authored paper, "Comicstand.com: An E-Commerce Start-Up," October, 1999.
 Finalist for "Educator of the Year for 1999, award given by the Special Interest Group in Education, affiliated with the Association of Information Processing Professionals (AITP, formerly DPMA).
 Woman of the Year – 2005, named by American Biographical Institute.
 International Woman of the Year, 1992, named by International Biographical Centre.
 Invited Life Fellow of the International Biographical Association, 1991.
 Woman of the Decade, 1994, named by American Biographical Institute.
 Woman of the Year, 1990, named by American Biographical Institute.
 World Intellectual of 1993, named by International Biographical Centre.
 International Scientist of the Year, 2004, named by the International Biographical Centre.
 Invited member, Board of Governors, American Biographical Institute, lifetime assignment beginning with 1987.
 Invited member, Research Board of Advisors, American Biographical Institute in recognition of distinguished service, lifetime appointment beginning with 1988.
 Honorary member, Editorial Advisory Board, American Biographical Institute, 1994 -present.
 Honorary member, Advisory Council, International Biographical Centre, 1992.

Invited fellow, International Biographical Association, 1991.
 Awarded sabbatical leave from Cal. State Univ., East Bay, 1984-85, 1991-92, 1998-99, 2005-06.
 Awarded grant by Data Processing Management Association, Education Foundation, to develop model curriculum in Graduate Computer Information Systems, 1984.
 Awarded University Faculty Grant by National Engineering Consortium, 1991.
 Recipient, Bronze (1984), Silver (1986), Gold (1988), Emerald (1992), and Diamond (1994) Individual Performance Awards, from DPMA, San Francisco.
 Recipient, Double Diamond (1998), Triple Diamond Individual Performance Award (2001) from the Association of Information Technology Professionals, Mt. Diablo Chapter. (AITP was formerly DPMA.)
 Recognized as one of three faculty members who arranged for large equipment/software grant by AT&T for new telecommunications program at CSUH.
 Recognized as one of three faculty members in my department of nearly 40 who has an active publishing record, by CSUH and California Faculty Association, annually 1990 to present.
 Recognized for meritorious service as advisor for two years to the Data Processing Management Association, Student Chapter, at California State Univ., East Bay, 1982.
 Awarded certificate of appreciation for outstanding participation in support of Information Systems Education Conference, sponsored by the Data Processing Management Association Education Foundation, 1987.
 Recipient, International Cultural Diploma of Honor, from the American Biographical Institute, 1988.
 Beta Gamma Sigma, national scholastic honorary, 1994.

WHO'S WHO PUBLICATIONS

Who's Who in America published by Marquis Who's Who, Inc., 2000, to present.
Who's Who in the World published by Marquis Who's Who, Inc., 1985 to present.
Who's Who in the West published by Marquis Who's Who, Inc., 1992 to present.
Who's Who of American Women, 18th edition, published by Marquis Who's Who, Inc., 1992.
Who's who in Finance and Industry, 28th edition, published by Marquis Who's Who Inc., 1993 and subsequent editions.
Who's Who in Science and Engineering, 2nd edition and subsequent editions, published by Marquis Who's Who Inc., 1993 and subsequent editions.
Who's who in the Media and Communications, 1st edition, published by Marquis Who's Who Inc. 1997.
Who's who in American Education, 7th edition, published by Marquis Who's Who Inc., 2006.
World Who's Who of Women, published by International Biographical Center, Cambridge, England, 1985 and subsequent editions.
International Who's Who of Intellectuals, published by International Biographical Center, Cambridge, 1985 and subsequent editions.
2000 Outstanding Scholars of the 20th Century, published by International Biographical Center, Cambridge, 1999 and subsequent editions.
Outstanding People of the 20th Century, published by the International Biographical Center, Cambridge, 1999.
International Register of Profiles, published by International Biographical Center, Cambridge, 1986.
International Directory of Distinguished Leadership, published by The American Biographical Institute, 1986 and subsequent editions.
International Leaders in Achievement, published by The International Biographical Center, 1988 and subsequent editions.
Five Hundred Leaders of Influence, published by the American Biographical Institute, 1993.
Men and Women of Distinction, published by the International Biographical Center, Cambridge, 1991.
Most Admired Men and Women of the Year, pub. By American Biographical Association, 1993.
Dictionary of International Biography, published by International Biographical Center, Cambridge, 1985 and subsequent editions.

International Biographical Association Directory 2004/2005, published by the International Biographical Association, 2004.

Biography International, published by Biography International, Delhi, India, 1988 and subsequent editions.

Biography Fame International, published by Biography International, Delhi, India, 1996.

International Book of Honor, published by American Biographical Institute, 1987 and subsequent editions.

Foremost Women of the 20th Century, published by the International Bio. Center, 1987.

Two Thousand Notable Women, published by the American Biographical Institute, 1986 and subsequent editions.

2000 Women of Achievement, published by the International Biographical Centre, 1993.

2000 Notable American Women, published by the American Biographical Institute, 2003.

5,000 Personalities of the World, published by the American Biographical Institute, 1987 and subsequent editions.

Personalities of the Americas, published by The American Biographical Institute, 1987.

Personalities of America, published by The American Biographical Institute, 1986 and subsequent editions.

Personalities of the World, published by the American Biographical Institute, 1992.

Directory of Distinguished Americans, published by American Biographical Institute, 1986.

Community Leaders of America, published by American Biographical Institute, 1987 and subsequent editions.

International Who's Who of Professional and Business Women, Published by The International Biographical Centre, 1988 and subsequent editions by the American Biographical Association.

International Who's Who of Professional Women's Hall of Fame, 8th edition, published by the American Biographical Institute in November, 2000.

Who's who in Asia and the Pacific Nations, 4th edition, published by the International Biographical Centre, 1999 and subsequent editions?

American Women of Today, published by the American Biographical Institute, 1992.

Who's Who in Frontier Science and Technology, published by Marquis Who's Who, Inc., 1984 and subsequent editions.

Great Lives of the 21st Century, to be published by American Biographical Institute, 2006.

Great Women of the 21st century, to be published by American Biographical Institute, 2006.

International Who's Who of Contemporary Achievement, published by American Biographical Institute, 3d edition, 1994.

Who's Who in California, published by the Who's Who Historical Society, 16th and 18th editions, in 1986 and 1988.

International Directory of Business and Management Scholars and Research, published by the Harvard Business School Press, 1995, 1996.

International Biographical Association Biography, Millennium edition, published by the International Biographical Association, Cambridge, England, 2002 and subsequent editions.

2000 Outstanding Intellectuals of the 21st century, first edition, published by the International Biographical Institute, 2001.

2000 Outstanding Scientists of the 21st Century, first ed., published by the International Biographical Centre, 2004 and subsequent editions.

Outstanding Scholars of the 21st Century, first edition, published by the International Biographical Center, 2002.

Who's who in the 21st Century, 2nd edition, published by the International Biographical Centre, 2002.