

## CURRICULUM VITAE

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### EDUCATION

- M.B.A.** *Business Administration*, Southwest Texas State University, 1973.  
**Ph.D.** *Information Science* (Public Administration cognate), Case Western Reserve University, 1970.  
**M.S.** *Library and Information Science*, Case Western Reserve University, 1965.  
**M.A.** *Political Science (Public Administration)*, University of California, Berkeley, 1963.  
**B.A.** *Political Science*, University of California at Berkeley, 1960.  
Additional majors completed in natural science and psychology.

### PROFESSIONAL CERTIFICATION

*Certified Computer Professional* (CCP), Institute of Certification for Computer Professionals. 1985- present. Certificate 791075.  
*Commercial Pilot* with Instrument Rating, Single and Multiengine (land). 1958-present. License 1201489.

### EXPERIENCE

**1999-Present** *Professor*, School of Information, The University of Texas at Austin.

- Offering courses in cognitive studies, information management, information networks, information marketing, biomedical informatics, health information resources, medical libraries, artificial intelligence (knowledge-based systems) and undergraduate seminar in aviation history. Assisted in teaching Aerospace Engineering course, Private Pilot Aeronautics, fall, 1999.
- Supervising professor for several doctoral committees and dissertations in SI and committee member in Graduate School of Business and School of Nursing (1999-2001). Coordinator, SI Doctoral Program (1999-2001).
- Supervised Internet marketing studies for several new companies in the Austin Technology Incubator and for several nonprofit organizations..
- Served as faculty fellow for UT undergraduates, Division of Housing.

**1997-1999** *Interim Dean and Professor*, Graduate School of Library and Information Science, The University of Texas at Austin (2 years and 2 months as Interim Dean)

- Led development of new Mission, Goals and Objectives for School.
- Reorganized faculty committee structure and office and Information Processing Laboratory staff functions to accord with new mission.
- Formalized School's development program, which raised \$1.8 million in its first year.
- Developed stronger relations with Austin high-tech community leaders.
- Represented School at a broad range of local, state and national functions.
- Supervised 8 doctoral dissertations.
- Completed extensive telemedicine research project funded by UT system.

**1991-1997** *Professor*, Graduate School of Library and Information Science, The University of Texas at Austin.

- Initiated development of MLIS curriculum tracks in health, legal and engineering informatics, information counseling, information management, information marketing and brokerage, telecommunications management, and systems analysis and design.
- Developed Health Informatics course, and program for University of Texas Health Science Center at San Antonio. Member, Advisory Board Center for Health Informatics. Assisted with development of MBA track in Health Administration and Information Management (1995-present).
- Taught courses in cognitive studies, biomedical informatics, information management, information marketing, information networks, medical libraries, and research methods; conducted doctoral seminars on nature of inquiry, information need and use, and disciplinary development.
- Supervised continuously more than ten doctoral student programs and chaired several dissertation committees. Served as member of doctoral dissertation committees in business, computer science, educational psychology, curriculum and instruction, mathematics education, and nursing.
- Served as Chair of 1) Graduate School Committee to select best UT dissertation in communication-related areas for graduate ceremony awards (1996) Committee member (1995); 2) Ad Hoc Committee to Study UT Participation in Academic Common Market. Member, Graduate Assembly, 1993-1996. Served on Administrative and Academic Committees. Member, Oversight Committee, Master's Degree in Technology Transfer, Institute of Creative Capitalism and NASA;

- 3) UT Parking and Traffic Panel (30 members), 1993-95. Handled over 250 appeal cases, complaints and legal disputes; 4) GSLIS Doctoral Committee and Doctoral Student Coordinator, 1995-1996. Member, various other GSLIS Committees.
- Sponsored National Library of Medicine Training Fellowship in Medical Informatics (\$300,000) for James Legler, M.D., Associate Professor of Family Practice, University of Texas Health Science Center, San Antonio (1994-1997).
- Acted as Provost's Consultant to Consultative Committees for the Selection of Dean, School of Social Work (1991), School of Architecture (1992), and Graduate School of Business (1995-1996).

**1990-1991** *Acting Dean and Professor*, Graduate School of Library and Information Science, The University of Texas at Austin.

- Chair, Consultative Committee for the Selection of GSLIS Dean. Involved coordination of seven Dean candidate interviews, screening of over 50 potential candidates, and publicity.
- Member, Organizing Committee, National Online Meeting.
- Faculty Advisor, UT Flying Club.
- Marketing Representative and aircraft buyer, Harmon Aircraft Sales.

**1975-1990** *Professor*, Library and Information Science and Management Information Systems, Graduate School of Library and Information Science and Graduate School of Business, The University of Texas at Austin.

- Developed and taught courses in administration, management information systems, information management, information marketing, information networks, expert systems, medical informatics, and research methods. Conducted several doctoral seminars.
- Organized and instructed in Houston MLIS off-campus program. Taught courses in information management, information marketing, medical libraries, and medical information resources.
- Assisted Graduate School of Business in development of Information Resource Management Program (1978).
- Organized effort to add Information Science to name of Graduate School of Library Science (1975-80).

- Served as Member of 1) University Council and Faculty Senate, 1980-84. 2) UT Investment and Teaching Evaluation Committees; 3) University Research Institute Committee, Graduate School (1982-85). Reviewed over 100 grant applications and selected awardees; 4) Curriculum and Doctoral Committees, Graduate School of Business and Department of Educational Psychology; 5) Organizing Committee, American Society for Information Science Conference on Artificial Intelligence (1988).
- Formulated Information Resource Management Education Program for Texas Association of Appraisal Districts and IBM. Offered short courses.
- Served as Visiting Professor, St. Lucia Health Sciences University, St. Lucia, West Indies (Summer, 1983). Taught courses in public health, biostatistics, and behavioral science.
- Completed Faculty Research Assignment (Spring, 1985). Studied the nature and measurement of information in biological and physical systems.

**1970-1975**     *Associate Professor*, Library and Information Science, The University of Texas at Austin.

- Taught courses in information science, administration of libraries, finance, and research methods.
- Developed interdisciplinary GSLIS doctoral program with J.H. Shera (1970-1971) and Medical Library curriculum and certification program.
- Chaired Special Interest Group on Education, American Society for Information Science (1973-74).
- Founded Texas Chapter of American Society for Information Science.
- Flight and operations officer, Naval Air Reserve Squadron, NAS, Dallas, TX (part time).

**1966-1970**     *Assistant Professor*, Graduate School of Librarianship, University of Denver, Denver, Colorado. (On leave as US Office of Education Fellow to obtain Ph.D., 1967-68).

- Taught information science, research methods, and supervised all Master's projects.
- Established Center for Communication and Information Research.
- Served as Visiting Professor, School of Library Science, University of Michigan at Ann Arbor (Summer, 1968). Taught Introduction to Information Science.

- 1965-1966** *Instructor in Government, Assistant to Library Director and Reference Librarian*, California State University, Chico, California.
- Developed formula budget for California State University Library System.
  - Taught undergraduate introductory courses in government.
  - Assistant to Ukiah, California Airport Manager (part time).
- 1964-1966** *Research Associate*, Center for Documentation and Communication Research, Case Western Reserve University, Cleveland Ohio (part-time). *Reference Assistant*, General Libraries, (part-time).
- Assisted in development of first computer-based information retrieval and online systems and initial formulation of Boolean retrieval operators.
- 1962-1964** *Head Administrative Officer*, Communications Department, U.S. Naval Station and Auxiliary Air Station, Mayport, Florida. (recalled to active duty).
- Administered five divisions with total budget of \$4 million: Electronic Communication, Computer, Telephone, Postal and Library. Supervised approximately 30 civilian and 36 military personnel.
  - Served as 1) Station Representative to greet arriving aircraft, aircraft carriers, destroyers, oilers, freighters, and submarines; 2) Station Top Secret and Registered Publication Control Officer; 3) Russian Interpreter, Cuban Blockade (Oct-Nov. 1962). Confronted eight Russian vessels and vectored Naval aircraft to patrol targets from CIC; 4) Aviation Line Operations Officer.
- 1960-1961** *Reserve Naval Aviator*, NAS, Oakland, California (part time), while student at UC Berkeley. Also assistant to airport manager, Ukiah, California (part time).
- 1955-1959** *Aviator and Information and Education Officer* for Pacific Fleet Naval Air Squadrons, Okinawa, Japan and Hawaii (in Naval Air Training Command, Pensacola, Florida and Hutchinson, Kansas, 1955-56).
- Administered all education, training, and promotion programs for utility and patrol air squadrons. Assisted over 75 enlisted personnel to obtain GED certification.
  - Over 1000 hours as plane commander, first pilot and navigator. Flew over 90 ELINT and 20 anti-submarine missions in Far East. Obtained commercial pilot's license with instrument rating.

**1953-1955** *Psychiatric Technician and Ward Supervisor*, Agnew State Hospital, California. In charge of medical, acute treatment and chronic care wards (full time, nights) while attending California State University at San Jose.

**1947-1952** *Assistant to Municipal Airport Manager and Civil Aviator*, Hollister and Ukiah, California (part-time/summers during high school and college).

- Assisted airport manager and fixed-base operator (Harmon Flying Service) with administration of V.A. approved flying school and maintenance facility.
- Set national solo flight record of ten aircraft on sixteenth birthday.
- Served as president of high school Student League and junior class. Captain of varsity football and track teams.

### **RESEARCH INTERESTS**

Biomedical Informatics  
 Cognition and information need and use patterns  
 Human factors and information systems  
 Information economics and impact  
 Aerospace Informatics  
 Nobel laureate discovery and information use patterns

### **GRANTS AND AWARDS**

*Occupational survey of information professionals*. National Science Foundation, 1979-81. \$253,000.

*Faculty Research Assignment*, University Research Institute, The University of Texas at Austin. Spring, 1985, semester's salary.

*Medical Informatics Training Fellowship*, National Library of Medicine, 1994-96. Approximately \$200,000.

*Title II B doctoral student awards* (several) Department of Education, 1991-1995. Approximately, \$12,000 each.

*Hewlett Packard computer contributions* to GSLIS. 1991-1994. Approx. \$30,000.

***Training and Research Program in Medical Informatics***, National Library of Medicine. 1997-2001. (Submitted in cooperation with UT Health Science Center at San Antonio; currently under review). Approximately \$2.4 million.

***Honoraria and stipends*** (various) from American Society for Information Science, Institute of Scientific Information, and Defense Advanced Research Projects Agency, and NATO. 1973- present \$100-1,800 each.

***Telemedicine Consultation Research Project***, 1997-1998. University of Texas System, \$50,000.

***Telemedicine Consultation Grant*** for management of diabetic and congestive heart failure patients, South Texas border populations. Texas Telecommunications Infrastructure Agency, 1998-2002, \$300,000.

### REVIEWING AND EDITORIAL ACTIVITY

**Annual Review of Information Science and Technology.** Member Advisory Board, 1977-1981 and 1999-present. Reviewer, 1977-present.

**Bulletin of American Society for Information Science and Technology.** Reviewer, 1973-present.

**Information Processing and Management.** Reviewer, 1992-present.

**Information Systems Research.** Reviewer, 1995-present.

**Journal of the American Society for Information Science and Technology.** Reviewer, 1972-present.

**National Science Foundation.** Reviewer, 1980-90, 1994-present.

### CONSULTING

- University of Texas Health Science Center at San Antonio, Health Informatics and Telemedicine Programs
- Career Center, UT-Austin
- Computer Science Department, UT-Austin
- Drug Information Program, School of Pharmacy, UT-Austin
- Energy Research Service, UT-Austin
- Fort Bliss Medical Library
  
- Health Sciences University, St. Lucia, West Indies

- IBM Corporation
- Institute of Creative Capitalism, NASA Technology Transfer Program
- Institute of Certified Computer Professionals
- School of Medicine, Autonomous University of Ciudad Juarez, Mexico
- Southwest Educational Development Laboratory
- Stewart Information Services Corporation
- Student Health Services Division, UT-Austin
- Texas Association of Appraisal Districts
- Texas Depart of Highways
- Texas Higher Education Coordinating Board
- Texas Industrial Commission
- Texas Legislature: Telemedicine
- Texas Real Estate Research Center
- University of North Texas Interdisciplinary Doctoral IS Program

### **MEMBERSHIPS**

American Association of Artificial Intelligence  
 American Medical Informatics Association  
 American Society for Information Science and Technology  
 Association for Computing Machinery  
 Association for Library and Information Science Education  
 Beta Phi Mu and Phi Kappa Phi honorary societies  
 Texas Association of College Teachers  
 American Association of University Professors

### **HONORS**

*Beta Phi Mu*, 1965-present (Library Science honorary).  
*Book of the Year Award*, American Society for Information Science, 1983.  
*Phi Kappa Phi*, 1985-present (Faculty honorary).  
*Texas Excellence in Advising Award*, 1994.  
*Texas Excellence in Teaching Award*, 1994.  
*Top Flight Student Award*, Naval Air Training Command, 1956.

### **RESEARCH AND PUBLICATIONS**



The Legislative Audit of State Finance in California. M.A. Thesis, University of California at Berkeley, 1963.

Assessing the Relevance of Information in the Research Process. M.S. project, Case Western Reserve University, 1965.

“Research Problem Sensitivity: A Professional Recruitment Criterion,” College and Research Libraries. Vol. 28 (November, 1967), 375-381.

Human Memory as a Factor in the Formation of Disciplinary Systems,” Ph.D. Dissertation, Case Western Reserve University, 1969.

“On Integration of the Integrative Disciplines,” in K.H. Johnson (ed.), Research Designs in General Semantics. Washington, DC: Gordon and Breach Publisher, Inc., 1969. pp. 90-94. Invited and presented before Society of General Semantics.

“Information Science as an Integrative Discipline,” Proceedings of the American Society for Information Science. Vol. 6, Westport, Connecticut: Greenwood Publishing Corporation, 1970. pp. 40-42.

“Mathematical Approach to Prediction of Scientific Discovery,” Nature, Vol. 229, (January 8, 1971), 103-104. William Goffman, co-author. Invited and presented at Sixth International Congress on Cybernetics, Namur, Belgium, 1970.

“On the Evolution of Information Science,” Journal of the American Society for Information Science. Vol. 22 (July - August, 1971) 235-241.

“The Information System as a Capital Investment,” in F. Slater (ed.), Cost Reduction for Special Libraries and Information Centers. Washington, D.C.: American Society for Information Science, 1973. pp. 23-26.

“The World Encyclopedia Concept,” in C.H. Rawski (ed.), Toward a Theory of Librarianship. Metuchen, N.J.: Scarecrow Press, 1973. pp. 221-231.

Human Memory and Knowledge: A Systems Approach. Westport, Connecticut: Greenwood Publishing Corporation, 1973. 159 pp.

“Information and Metaenergy,” Proceedings of the N.A.T.O. Advanced Institute on Information Science. Brussels: North Atlantic Treaty Organization, 1973. pp. 183-186. Invited and presented. Reprinted in Information News and Sources. Vol. 6 (December, 1974), 301-303.

Development of an Energy R&D Information Network Interface Center. R.E. Wyllys, co-author. Austin, Texas: Energy Research Center, University of Texas, 1974. 77p.

“Critical Evaluation of the MIS Concept,” Proceedings of the American Society for Information Science. Vol. 10. Washington, D.C.: American Society for Information Science, 1973. pp. 83-84.

“Information Systems and Utilities in Real Estate,” Information Utilities: Proceedings of the American Society for Information Science. Vol. 11. Washington, D.C.: American Society for Information Science, 1974. pp. 83-86.

“The Computer System User: An Information Need Model,” in D.E. Washburn and D.R. Smith (eds.) Coping with Increasing Complexity. New York: Gordon and Breach Science Publishers, 1974. pp. 115-120.

Development of Information Systems in Real Estate. Austin, Texas: Research Associates, 1974. 145 pp.

“Relationships between Energy and Information,” Inquiring Mind Radio Series, guest speaker, KUT/FM Radio, University of Texas at Austin, February 18, 1975. 20 minutes.

“The Information Science Profession,” opening address, Annual Convention of the American Society for Information Science, Boston, Massachusetts. October 26, 1975. New York: Audio Archives, Inc. 20 minutes.

“The Invisible Manpower Market for Information Scientists,” Proceedings of the ASIS Annual Meeting. Vol. 12. Washington, D.C.: American Society for Information Science, 1975. pp. 59-60.

“Information Science Education and Training,” in Martha Williams (ed.) Annual Review of Information Science and Technology. Vol. 11. Washington, D.C.: American Society for Information Science, 1976. pp. 347-380.

“Bibliography on Information Science Education,” in Special Interest Group on Education, Newsletter. American Society for Information Science, (July, 1977), 7-8.

“Stimulating Demand for Information Through User and Inquiry Education,” Bulletin of the American Society for Information Science. Vol. 3, (August, 1977) 25-26.

“Education for Information Management,” Proceedings of the American Society for Information Science. Mid-year. Washington, D.C.: American Society for Information

Science, 1978. Eugene Rathswohl, co-author. pp. 17-18. Reprinted by Bureau of Business Research, Graduate School of Business, University of Texas at Austin, 1978. 6 pp.

Study of Real Estate Information Service Markets Through 1985 for Stewart Information Services Corporation, D.L. Ricklefs, co-author. Austin, Texas: Graduate School of Library Science, University of Texas, 1978. 34 pp.

Forecasting and Planning Support for Chief State School Officers: Approaches to Information System Development. Austin, Texas: Southwest Educational Development Laboratory, 1978. 20 pp.

“Information Retrieval Based on Patterns of Scientific Discovery,” Proceedings of the American Society for Information Science. Vol. 15. White Plains, New York: Knowledge Industry Publications, Inc., 1978. pp. 156-158.

Review of The Search for a Scientific Profession: Library Science Education in the U.S. and Canada, by L. Houser and A.M. Schrader. Journal of Library History, Philosophy and Comparative Librarianship. Vol. 14 (Winter, 1979), pp. 102-104.

“Information Professionalism in the Emerging Socioeconomic Order,” Proceedings of the American Society for Information Science. Vol. 16. White Plains, New York: Knowledge Industry Publications, Inc. 1979. pp. 114-129. Presented as 75th Anniversary Colloquium Paper, School of Library Science, Case Western Reserve University, March 20, 1979.

“Implications of the Occupational Survey of Information Professionals,” In A. Debons, D.W. King, U. Mansfield, D.I. Shirey, The Information Professional: Survey of an Emerging Field. New York, Marcel Dekker, Inc., 1981. (Special contribution, Chapter 1), pp. 13-19. Received ASIS Book-of-the-Year Award with coauthors.

“Problem solving in Clinical Health Care: The Concept of Primary, Secondary and Tertiary Memory,” Proceedings of the American Society for Information Science. Vol. 17. White Plains, New York: Knowledge Industry Publications, Inc. 1980. pp. 117-122. (F. Moncure, co-author).

“Information Management Education to 1999: Rapid Change and Successive Curriculum Restructuring,” Proceedings of the American Society for Information Science. Vol. 19. White Plains, New York: Knowledge Industry Publications, Inc. 1982, pp. 68-69.

Reviews of F. Machlup, Knowledge and Knowledge Production. Volume 1 of Knowledge: Its Creation, Distribution, and Economic Significance. Princeton: Princeton University Press, 1980; Journal of Library History. Vol. 17 (Spring, 1982), pp. 234-236;

The Branches of Learning. Vol. 2, 1982. Journal of Library History. Vol.18 (Fall, 1983), pp. 525-527.

“The Measurement of Information,” Proceedings of the Symposium on Empirical Foundations of Information and Software Science. Atlanta, School of Information and Computer Science, Georgia Institute of Technology, 1982. pp. 107-114. Also published in Information Processing and Management. Vol. 20 (Jan .- Feb. 1984) pp. 193-198.

“Computer Development and Information Management,” in “The Next 200 Years.” Programs 48-84 and 49-84, KUT/FM Nov. - Dec. 1984. With R.E. Wyllys and M.E. Rorvig.

“Computers and Information Management: New Directions in Research, Parts I & II, in “The Next 200 Years.” KUT/FM. Jan. 15 & 21, 1985. with J.H. Bichteler and M.E. Rorvig.

“Information Measurement in Natural and Artificial Systems,” in J.C. Agrawal and P. Zunde, eds. Empirical Foundations of Information and Software Science. New York: Plenum Press, 1985. pp. 303-309.

“Toward the Fifth General Information Resource,” in Proceedings of the American Society for Information Science: Mid-Year Meeting. Vol. 10. White Plains, New York: Knowledge Industry Publications, Inc., 1985.

Review of B. Dervin & M.J. Voight (eds.) Progress in Communication Sciences. Norwood, NJ: ABLEX Publishing Corp., 1984. Journal of the American Society for Information Science. Vol. 23, White Plains, NY: Knowledge Industry Publications, Inc., 1986.

“Information Measurement: Approaches, Problems, Prospects,” Proceedings of the American Society for Information Science. Vol. 23, White Plains, NY: Knowledge Industry Publications, Inc., 1986.

“Toward Expert Inquiry Systems,” The Reference Librarian. 18 (Summer, 1987): 95-106.

Review of J. Neway, The Information Specialist as a Player in the Research Process. Westport, CT: Greenwood Press, 1985; Journal of the American Society for Information Science. 38 (Nov. 1987): 316-317.

“The Interdisciplinary Study of Information: A Review Essay,” Journal of Library History. 20 pp. 22 (Spring, 1987): 206-227.

“Expert Systems for Knowledge Engineering,” Empirical Foundations of Information and Software Science IV: Empirical Methods of Evaluation of Man-Machine Interfaces. New York: Plenum Press, 1987. pp. 463-477.

“Toward Encyclopedic Intelligence,” Bulletin of the American Society for Information Science. 15 (Oct./Nov. 1988), 24-27.

“Relationships with the Natural Sciences and Knowledge Engineering,” in J.M. Pemberton and A. Prentice, Information Science: The Interdisciplinary Context. NY: Neal Schuman Publishers, Inc., 1990. pp. 25-41.

A University of Texas System Network-Based Educational and Research Program in Medical Informatics. University of Texas System (Austin) and Center for Health Informatics, UT Health Science Center at San Antonio, 1991. 62 pp. Grant application to NIH for \$5 million; not funded).

Review of C. Macdonald and J. Weckert, (eds.), Libraries and Expert Systems. London: Taylor Graham Publishing, 1991; Journal of The American Society for Information Science. 44 (1993): 302-303.

“The Public Library as Community Leader: Ten Marketing Strategies,” (La Biblioteca Pública como Líder en la Comunidad: Diez Estrategias de Mercadotecnia). Proceedings of First Meeting of Librarians of the State of Nuevo Leon, Monterrey, Mexico, June 7-9, 1995. (E. Ballesteros, co-author)

“The World Encyclopedia, Digital Libraries, Systematic Classification and Hyperlinks,” Proceedings of World Brain Conference. June, 1996. University of Calgary, Alberta, Canada. Calgary: University of Calgary Press, 1996. pp.87-93.

“Toward Electronically-Based Education: Internet Versus Televised Delivery.” In The Education of Library and Information Professionals in the United States. B. Sheldon & L. Roy, (eds.). Washington, DC: Mansel Publishers, Inc., 1998. pp. 141-160.

Edited: B. Tsai, Automatic Instruction Engineering: Cognitive Computing for Electronic Packaging and Delivery. Silver Springs, MD: American Society for Information Science, 1999.

“Student Cost-Effectiveness in the Emerging Electronic University Environment,” In: Technology and Distance Education. Fort Lauderdale, FL: Nova Southeastern University, 1995. pp. 176-186 (P. Yenbamrung, co-author).

“Unconscious Cognition: The Elicitation of Deeply Embedded Information Needs.” In

P. Vakkari, R. Savolainen & B. Dervin (eds.), Information Seeking in Context. 1997. London: Taylor Graham Publishing, pp 226-234. (E. Ballesteros, co-author).

"The Mission of the Graduate School of Library and Information Science," Alcalde. Fall, 1998. p. 4.

"Online Graduate Degrees: A Review of three Internet-based Master's Degree Offerings." *American Journal of Distance Education*, 11 (3):58-70. (R. Strong, co-author); Paper reprinted in reader: Moore, M. G. and Cozine, G. T. (eds), Web-Based Communications, the Internet, and Distance Education. University Park, PA: The American Center for the Study of Distance Education, Pennsylvania State University, 2000. Pp.121-130. Readings in Distance Education, Number 7.

"A Primeval Information Explosion: From the Big Bang to Us." *Cosmological Review*, Summer 1999. 133-137. (V. Sherman & R. Gordon, co-authors)

Internet Care Giver Consultations in telemedicine. Austin, TX: University of Texas System, 1999. 86 pp. (R.F. Nauert, co-author). Final Report for UT System grant

Reviewed: Tosow, S. E., "Organizational Theory in Library and Information Science Education." Journal of Education for Library and Information Science. Spring, 2000, Vol. 41, pp.129-142.

"Knowledge Management: A Conceptual Platform for the Sharing of Ideas." Proceedings of the Annual Meeting of the American Society of Information Science and Technology. (D. Mahdjoubi, co-author.) Medford, NJ: Information Today, 2001. Vol. 38: 290-304.

"Knowledge Sensitive Performance Metrics for the Management of Public Libraries: An Exploratory Study of the Diamond Model for Professional Science and a Balanced Scorecard Application." Proceedings of the Annual Meeting of the American Society for Information Science and Technology. Medford, NJ: Information Today, 2001. Vol. 38, 164-174.

"The Importance of Marketing in the Library and Information Science Curriculum," in Owens, I. (ed) Strategic Marketing in Library and Information Science. NY: Hayworth Press. In Publication. Also in Owens, I. (ed) special issue of The Acquisitions Librarian. In publication.

"Aircraft Delivery Platforms for Biological Attack: Systems for Prevention, Detection and Countermeasures," in Proceedings of BTR 2002: Unified Science & Technology for Reducing Biological Threats & Countering Terrorism. Albuquerque, NM: University of New Mexico and Sandia National Laboratories, 2002. pp. 215-223.

“The Information Schools: Impact of Name Change.” To be submitted to Bulletin of the American Society for Information Science and Technology. In Proceedings : Fourth International Conference on Conceptions of Library and Information Science: Emerging Frameworks and Methods. Seattle, WA, July 21-25, 2002. Medford, NJ: Information Today. In publication.

“Re-envisioning the Information Concept: Systematic Definitions,” Proceedings: Fourth International Conference on Conceptions of Library and Information Science: Emerging Frameworks and Methods,” Seattle, WA, July 21-25, 2002. Medford, NJ: Information Today. (With R. Houston). In publication.

“Knowledge Management as a Transdisciplinary Platform,” (with D. Mahdjoubi) and “Knowledge Sensitive Performance Metrics for Managing Enterprises: An Exploratory Study Based on the Knowledge Navigation Model,” (with D. Mahdjoubi). Proceedings: World Congress on Intellectual Capital. Hamilton, Ontario, January, 2002. In publication.

“Bioinformatics in Information Science Education,” (with E. Garfield and others) Proceedings of the Annual Meeting of the American Society for Information and Technology. Philadelphia, PA. Medford, NJ: Information Today, 2002. Vol. 39: 490-491.

(Reviewed) Toms, E. G., “Information Interaction: Providing a Framework for Information Architecture,” Journal of the American Society for Information Science and Technology. Vol. 53: 855-862.

#### **Articles in progress:**

“Telehealth Consumer-Provider Interaction: Chronic Disease Interventions,” (with R. Nauert).

“ Cancer Treatment Options for Underserved populations: Closing the Gap Between Meta-analysis Outcome Evidence and Orthodox Treatment,” (with J. Powell).

“The Information Technology, Risk and Return Triad: An Analysis of Corporate Financial Statements,” (with A. Singh).

“Resolving the Productivity and Profitability Conflict of Information Technology Investments,” (with A. Singh).

“ Knowledge-Based Cost Analysis Based on the Knowledge Navigation Model,” (with A. Singh).

“Predicting Major Terrorist Attacks: An Exploratory Analysis of Predecessor Event Intervals in Timelines.”

“The Epidemiology of Ideas: The Life and Work of William Goffman,” (with E. Garfield).

**Book in Process:**

Asking the Right Questions: Unconscious Cognition in Information Searching, (with E. Ballesteros). Medford, NJ: Information Today, 2003.

**ARIST CHAPTERS REVIEWED**

In Annual Review of Information Science and Technology. Medford, NJ: Information Today (Various previous publishers).

J.E. Freeman and R.M. Datz, “Information Marketing,” Vol. 13, 1978.

W. Grattidge and J.E. Creps, “Information Systems In Engineering,” Vol. 13, 1978.

R.E. Wyllys, “System Design: Principles and Techniques,” Vol. 14, 1979.

J. Wanger, “Education and Training for Online Systems,” vol. 14, 1979.

B.T. Carol and B.F. Maskewitz, “Information Analysis Centers,” Vol. 15, 1980.

S.E. Larson and M.E. Williams, “Computer Assisted Legal Research,” Vol. 15, 1980.

N. Vaupel and A. Elias, “Information Systems and Services in the Life Sciences,” Vol. 16, 1981.

E. Caruso, “Computer Aids to Learning Online Retrieval,” Vol. 16, 1981.

H. Wooster, “Biomedical Communications,” Vol. 17, 1982.

V. Rosenberg, “National Information Policies.” Vol. 17, 1982.

H.M. Kissman and P. Wexler, “Toxicological Information,” Vol. 18, 1983.

M. Lesk, “Programming Languages for Text and Knowledge Processing,” Vol. 19, 1984.

C.M. Eastman, “Database Management Systems,” Vol. 20, 1985.



- H. Sowizrral, "Expert Systems," Vol. 20, 1985.
- C.W. Steinfeld, "Computer-Mediated Communication Systems," Vol. 21, 1986.
- L.C. Smith, "Artificial Intelligence and Information Retrieval," Vol. 22, 1987.
- E. A. Fox, "Optical Disks and CD-ROM: Publishing and Access," Vol. 23, 1988.
- M. Broadbent and M. E. Koenig, "Information and Technology Management," Vol. 23, 1988.
- L.B. Heilprin, "Foundations of Information Science Reexamined," Vol. 24, 1989.
- B. M. Preschel and L.J. Woods, "Social Science Information," Vol. 24, 1989.
- E.T. Hewins, "Information Need and Use Studies," Vol. 25, 1990.
- T.E. Doszkocs, J. Reggia and L. Lin, "Connectionist Models and Information Retrieval," Vol. 25, 1990.
- C.A. Lynch and C. M. Preston, "Internet Access to Information Resources, Vol. 25, 1990.
- M. B. Spring, "Information Technology Standards," Vol. 26, 1991.
- Z. Ercegovac, "Environmental Research: Communication Studies and Information Resources," Vol. 27, 1992.
- T.J. Froehlich, "Ethical Considerations for Information Professionals," Vol. 27, 1992.
- G. Newby, "Virtual Reality," Vol. 28, 1993.
- 
- M.B. Line and M. Kinnell, "Human Resource Management in Library and Information resources," Vol. 28, 1993.
- J. Mostafa, "Digital Image Representation and Access," Vol. 29, 1994.
- J. MacDougall and J.M. Brittain, "Health Informatics," Vol. 29, 1994.
- M. Buckland and Z. Lu, "History of Information Science," Vol.30, 1995.
- J.G. Williams, K.M. Sochats and E. Morse, "Visualization," Vol. 30,1995.
- S. Erdelez and S. O'Hare, "Legal Informatics." Vol. 32, 1997.

C. Cool, "The Concept of Situation in Information Science." Vol. 34, 2000.

E. Logan and I. Hsieh-Yee, "A Decade of Change: Library and Information Science Education in the 1990's." Vol.34, 2000.

W. Trybula, "Text Mining." Vol. 35, 2001.

C. L. Borgman and J. Furner, "Scholarly Communication and Bibliometrics." Vol. 36, 2002.

E. Davenport and H. Hall, "Organizational Knowledge and Communities of Practice." Vol. 36, 2002.

P. H. J. Davies, "Intelligence, Information Technology and Warfare." Vol. 36, 2002.

P. Bergeron, and C. A. Hiller, "Competitive Intelligence." Vol. 36, 2002.

S. Marsh, and M. R. Dibben, "The Role of Trust in Information Science and Technology." Vol. 37, 2003.

A. Lopez, and C. Oppenheim, "Legal Aspects of the the Web." Vol. 38, 2004.