COLLEGE OF COMPUTING AND INFORMATION

UNIVERSITY AT ALBANY
State University of New York

ACADEMIC ADVISORY COMMITTEE

SEPTEMBER 25–27, 2007

COLLEGE OF COMPUTING AND INFORMATION
UNIVERSITY AT ALBANY State University of New York

ACADEMIC ADVISORY COMMITTEE
SEPTEMBER 25–27, 2007

TABLE OF CONTENTS

COLLEGE OF COMPUTING AND INFORMATION
UNIVERSITY AT ALBANY State University of New York

ACADEMIC ADVISORY COMMITTEE AGENDA

When		What	Who	Where
9/25	6:30	Pickup at hotel/ airport	Steve, George	
Tue	7:00	Welcome dinner and briefing: - Purpose and context - Key questions - Agenda	Peter Bloniarz George Berg Stephen DeLong Terry Maxwell Jennifer Goodall Powers Sandor Schuman	
	9:00	Escort back to hotel	Steve, George	Marriott Courtyard
9/26	7:30	Greet at hotel	Steve, George	Marriott Courtyard
Wed	8:00	Breakfast	Peter Bloniarz George Berg Stephen DeLong Terry Maxwell	UNH 306
	9:00	Welcome: UAlbany's needs	Susan Herbst Peter Bloniarz George Berg Stephen DeLong Terry Maxwell	UNH 306
	9:45	Break		
	10:00	Session 1A: Computing Constable, Richardson	Mei-Hwa Chen Paliath Narendran S. S. Ravi Neil Murray Huahai Yang	LSRB 1010
		Session 1B: Information Use King, Griffiths	Hemalata Iyer Abebe Rorissa Deborah Andersen Joette Stefl-Mabry Peter Shea Philip Eppard	LSRB 2101
	11:15	Break		
	11:30	Session 2A: Government & Society King, Richardson	Anthony Cresswell Sharon Dawes Senem Guney Terry Maxwell Jennifer Stromer-Galley	LSRB 1010
		Session 2B: Modeling & Data Analysis Constable, Griffiths	Tim Lance Catherine Lawson David Andersen Kevin Knuth	LSRB 2101
	12:45	Break		
	1:00	Session 3: Lunch with PhD Students	Meg Fryling, Carol Anne Germaine, Matthew Jager, Fawzi Mulki, Anna Arzrumsyan, Andrew Whitmore, Brian King, Mike Kolta, Ewa Musial, Ben Carle, Lance Latham	Patroon Room
	2:15	Break		

When		What	Who	Where
	2:30	Session 4A: Security Constable, Griffiths	George Berg Jagdish Gangolly Sanjay Goel Rey Koslowski Tomek Strzalkowski Eliot Rich	LSRB 1010
		Session 4B: Social Informatics King, Richardson	Monika Calef Toni Nacarrato Ozlem Uzuner	LSRB 2101
	3:45	Break		
	4:00	Reception	Faculty	LSRB Meditation Garden
	5:30	Adjourn		
	6:15	Drive to Dinner	Peter Bloniarz	
	6:30	Dinner	Peter Bloniarz George Berg Stephen DeLong Terry Maxwell	
9/27	7:45	Pick up at Marriott Courtyard Lobby	Peter Bloniarz	Drive to Professor Java's
	8:00	Breakfast	Advisors only	Professor Java's
Thu	9:30	Griffiths leaves for 11:00 flight		
	9:30	Discussion	Peter Bloniarz Stephen DeLong George Berg Terry Maxwell	UNH107
	10:30	Break		
	11:00	Preliminary feedback to the Provost	Susan Herbst Peter Bloniarz Stephen DeLong George Berg Terry Maxwell	UNH300
	11:45	Richardson leaves for 1:10 flight		
	12:00	Lunch	Food for Thought: CCI 2.0 Faculty Searches	LSRB 1143
	2:30	King leaves for 4:10 flight		

ACADEMIC ADVISORY COMMITTEE MEMBERS

Robert L. Constable

Dean for Computing and Information Science
Professor of Computer Science
Cornell University
www.cs.cornell.edu/ home/ rc/

Robert L. Constable received his A.B. from Princeton University. He continued his study at the University of Wisconsin, Madison where he gained his Ph.D. Constable has been a professor at the Computer Science Dept. Cornell University since 1978 and has supervised over 35 PhD students in computer science. He serves as the editor of numerous computer science journals and was the general chair of the Logic in Computer Science conference for three years. He served as chair of the Cornell Computer Science Department from 1993 to 1999, and was named as Cornell's first Dean for Computing and Information Science in July 1999.

In the mid seventy's Constable was one of the leaders in the design of logics to fully integrate programs and assertions. He and Michael J. O'Donnell wrote the book 'A Programming Logic' which presented one such logic in detail with numerous applications to programming problems. This logic is known to subsume the class of dynamic logics and is still actively studied and implemented.

Constable is also known for ideas growing out of his 1971 proposal to treat formal constructive proofs as programs and to view formal systems of constructive mathematics as integrated programming languages and logics (Constructive mathematics and automatic program writers). He has pursued these ideas with increasing vigor since 1971. In the early 80's he and Joseph Bates collaborated to design and build the PRL class of logics. These systems have brought to life Constable's 1971 idea that constructive proofs can be used as programs; their paper "Proofs as Programs" has introduced the slogan ``proof-as-programs'' widely in Computer Science. Now over half a dozen variants of these systems have been built following the PRL design, and the topic has become a very active subfield of programming languages and logics.

Cornell University has recognized that computing and information science has emerged as a key enabling discipline vital to nearly all of its scholarly and scientific pursuits. It has recognized the need for new programs of study in this field that span the campus. It has recognized the imperative that Cornell remain at the forefront in creating basic computer science and applying it to meeting human needs.

The Faculty of Computing and Information Science is founded on the recognition that the ideas and technology of computing and information science are relevant to every academic discipline. We are united in the need to bring together a core of faculty in this field from across the traditional colleges who will collectively advance Cornell's programs of teaching and research in computing and information.

José-Marie Griffiths

Dean and Professor, School of Information and Library Science
University of North Carolina at Chapel Hill
sils.unc.edu/ griffiths

José-Marie Griffiths is the Dean of the School of Information and Library Science at the University of North Carolina at Chapel Hill. Dr. Griffiths has a research and leadership career that spans over 30 years, and last year, she was appointed by the President and confirmed by the Senate to serve on the United States National Science Board for a term of six years. She has held two previous presidential appointments, one to the President's Information Technology Advisory Committee from 2003 to 2005, and the other to the U.S. National Commission on Libraries and Information Science from 1996 to 2002. Dean Griffiths serves or has served on blue-ribbon panels and committees for agencies including the National Technical Information Service Advisory Board, National Academy of Sciences, NASA, Department of Energy, U.S. Geological Survey and the U.S. Navy.

Dr. Griffiths' research spans information science, technology and leadership. She has done groundbreaking work in return on investment analysis of information systems and libraries, including multiple approaches to cost/ benefit assessment; the influences of the digital revolution on the conduct of research, especially focused on similarities and differences among researchers in different countries, sectors and disciplines, and the implications for providing resources and support to research efforts; success criteria and best practices for information technology in higher education; and the development of protocols and policies for resource sharing across organizations on local, state and regional levels, including both public and private institutions. She is currently the principal investigator for the IMLS Future of Librarians in the Workforce Study.

Dr. Griffiths was previously the Chief Information Officer at the University of Michigan, with strategic and operational responsibility for the University's information technology activities totaling over $200 million in annual expenditures; Executive Director of the Information Technology Division; Founding Director of the Collaboratory for Advanced Research and Academic Technologies; and Professor in the School of Information. She was instrumental in the development of the Ann Arbor IT Zone, a community organization to encourage the recruitment and retention of hi-tech companies and talent to the southeastern Michigan region, and was Founding Chair of its Board.

Before her arrival at Chapel Hill, Dr. Griffiths was the Doreen E. Boyce Chair and Professor in the School of Information and Director of the Sara Fine Institute for Interpersonal Behavior and Technology and Associate of the Learning Research and Development Center at the University of Pittsburgh. She served in several capacities at the University of Tennessee including Professor and Oak Ridge National Laboratories Collaborating Scientist, Director of the School of Information Sciences, and Vice Chancellor for Computing and Telecommunications/ Information Infrastructure.

Dr. Griffiths' accomplishments have been recognized by several prestigious appointments and awards. She was elected Fellow of the American Association for the Advancement of Science, was named one of the Top 25 Women of the Web, and received the American Society for Information Science and Technology's Award of Merit and Research Award, to name a few. She has a B.Sc. in Physics and a Ph.D. in Information Science from University College London.

John L. King

Professor, School of Information
Vice Provost for Academic Information
University of Michigan
www.si.umich.edu/ ~jlking

John L. King is a professor in the School of Information and vice provost for academic information for the University of Michigan. He joined SI on January 1, 2000 as professor and dean of the School. Previously, he was professor of information and computer science and management and a research scientist in the Center for Research on Information Technology and Organizations at the University of California, Irvine. On June 1, 2006, he accepted a position as vice provost for academic information. In this position, he is involved directly in the governance of many of U-M's primary information technology operations, including Information Technology Central Services, the IT Commons, and the Digital Media Commons. King oversees a number of key projects developing innovative new applications that use information technology for research, education, and community service. He also works closely with the University Library.

In 2005, King received a fellowship as Fulbright Distinguished Chair in American Studies at the Johann Wolfgang Goethe University (University of Frankfurt) for the spring term. Also in 2005, King was named a fellow of the Association for Information Systems for his contributions to research, teaching, and service in the global information systems community. AIS fellows are expected to be a role model and an inspiration to colleagues and students within the discipline, according to the association. "In addition, they should be capable of commanding the respect of individuals from outside the discipline who from time to time have an interest in the discipline. AIS fellows should be esteemed for their high levels of professional and personal integrity.ers who are considered pioneers in extending knowledge and insight in their field," the AIS noted.

For the past several years, King has also been a senior scientific advisor on cyberinfrastructure for the National Science Foundation. He is also a member of the NSF advisory committees for computing and information science and engineering, as well as the social, behavioral, and economic sciences.

Before coming to Michigan, King held a number of administrative and committee appointments at Irvine, including chair of the Department of Information and Computer Science. He conducted research on the development of high-level requirements for information systems design and implementation. Drawing on engineering and the social sciences, he studies the organizational and institutional forces that shape how information technology is developed.

In addition to chairing his department at Irvine, King served as chair of the University of California Committee on the Library and was a member of the Systemwide Library and Scholarly Advisory Committee. In 1990, he was the Marvin Bower Fellow and Visiting Professor at the Harvard Business School. In 2005, he was the Fulbright Distinguished Chair of American Studies at the Johann Wolfgang Goethe University (University of Frankfurt).

King is a member of the Association for Computing Machinery, the American Association for the Advancement of Science, the Association for Information Systems, the Institute for Operations Research and the Management Sciences (INFORMS), and the Academy of Management. He was editor-in-chief in 1993-98 of the INFORMS journal, *Information Systems Research,* has been co-editor-in-chief of *Information Infrastructure and Policy* since 1989 and is a member of several other editorial boards, including that for the *Journal of Strategic Information Technology* and the *ACM Computing Surveys,* for which he was associate editor from 1989-97.

Debra J. Richardson

Professor of Informatics
Dean, Donald Bren School of Information and Computer Sciences
University of California, Irvine
www.ics.uci.edu/ ~djr

Debra Richardson is Dean of the Donald Bren School of Information and Computer Sciences at the University of California, Irvine. After earning her Ph.D. from the University of Massachusetts, Amherst, she joined UC Irvine's Department of Information and Computer Science in 1987. She was appointed chair of the department in 2000 and led it to become the first information/ computing-focused school in the University of California. She was then named founding dean and was instrumental in securing a $20 million endowment, resulting in the naming of the Bren School of ICS.

Dean Richardson has built the infrastructure to support a dynamic academic unit that meets the demands of the community and industry and contributes to the global economy. She is dedicated to ensuring that the program encompasses a broad and interdisciplinary curriculum, while attracting the best and brightest students and faculty.

Committed to increasing the participation of women and other underrepresented groups in computing and information technology, Dean Richardson serves as director of the Ada Byron Research Center for Diversity whose mission is to study and promote diverse perspectives in computer science, engineering and digital media fields through a variety of research, mentoring and outreach activities. She is an active member of the Leadership Team of the National Center for Women and Information Technology, and is co-PI of UCIrvine's ADVANCE grant to address gender equity in the academy. Currently, she sits on the board of trustees for Girls, Inc., Orange County, a non-profit association devoted to advancing women and girls in computing and technology; the executive advisory board of the Association for Women in Technology, a non-profit organization devoted to the advancement of women working in technology; the board of trustees of the Orange County Chapter of ARCS (Achievement Rewards for College Scientists) Foundation, which raises scholarship funds dedicated to helping the best and brightest students achieve as scientists and engineers; and the board of directors of Watchit Media Inc., a leading provider of narrowcasting technology.
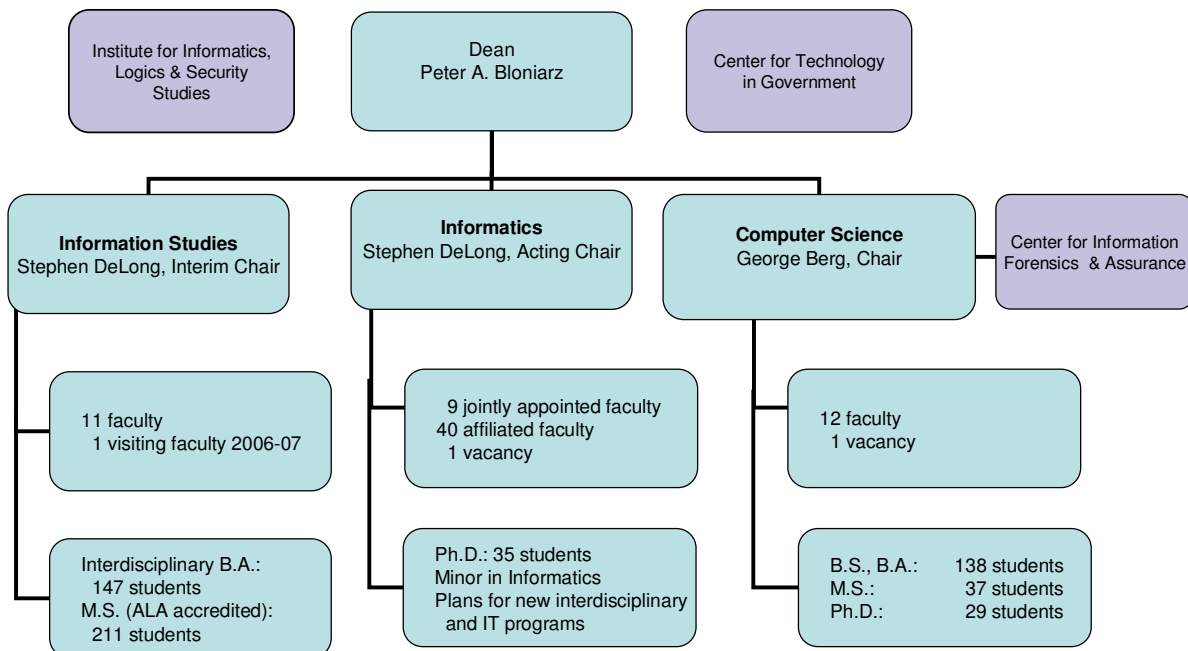
An active scholar, Professor Richardson pioneered research in "specification-based testing" whereby formal methods are employed to guide software testing. Her current work focuses on enabling specification-based testing technology throughout the software lifecycle, from requirements and architecture analysis through operation and evolution. She has developed leading edge tools, and has worked with several companies in adopting technology to improve the quality of critical software systems.

UALBANY/ CCI TIMELINE

1889; 1926	NYS Library School founded
1966	Computer Science Department founded
1990	Information Science Ph.D. program founded
2001	Report of the Provost's Advisory Committee on Information Science
2003	Bloniarz appointed Dean of School of Information Science and Policy & Associate Provost for Informatics
2004	Provost announces federated approach for Informatics; "IT Commons" faculty hires initiated
2005	Kermit Hall inaugurated as President
2005	College of Computing and Information is created by the joining of the Computer Science Department, the School of Information Science and Policy, and the Ph.D. program in Information Science. Bloniarz is appointed dean.
2005	Susan Herbst becomes Provost
2006	"IT Commons" hiring suspended
2006	Informatics "faculty" becomes Informatics Department

ORGANIZATION CHART

Institute for Informatics, Logics & Security Studies

Dean
Peter A. Bloniarz

Center for Technology in Government

Information Studies
Stephen DeLong, Interim Chair

Informatics
Stephen DeLong, Acting Chair

Computer Science
George Berg, Chair

Center for Information Forensics & Assurance

11 faculty
1 visiting faculty 2006-07

9 jointly appointed faculty
40 affiliated faculty
1 vacancy

12 faculty
1 vacancy

Interdisciplinary B.A.:
147 students
M.S. (ALA accredited):
211 students

Ph.D.: 35 students
Minor in Informatics
Plans for new interdisciplinary
and IT programs

B.S., B.A.:   138 students
M.S.:   37 students
Ph.D.:   29 students

CCI 2.0: PURPOSE, EVENTS, PRODUCTS
A Year-Long Project to Build Community, Shape the College, and Raise Support
How do we get to where we want to be (and where is that, anyway)?

Purpose

Build Community

- by having faculty members become more familiar with and able to contribute to each other's research, teaching, and service.

Shape the College

- by answering important questions identified by the Provost, Dean, Chairs, and faculty.

- by painting a picture of where we want to be in five years and setting commensurate goals

Raise Support

- by developing a convincing case to internal and external funding decision makers

Participants

- Faculty in all college departments and research centers, including affiliate and adjunct faculty.

- UAlbany President and Provost (when appointed)

- External stakeholders, including other UAlbany departments, employers, alumni, and members of the UAlbany and External Advisory Committees

- Students

Key questions:

1. In which three to five research areas should we invest future resources in order to develop a distinctive, nationally-recognized program?

2. Is the current college structure working? What should be the college structure?

3. What academic programs (majors, minors, concentrations, courses) should we have?

4. How can we foster interdisciplinary collaborations in teaching and research within and outside the College?

   - How can we get people working together in our teaching to take advantage of our different skills and perspectives and maximize our effectiveness?

   - How can we meet the campus needs for research and instructional partners in computing and information?

5. With whom – corporations, foundations, and individuals – should we develop partnerships and seek support?

Events

College-wide faculty meeting - CCI 2.0 Launch	8/24/07
Academic Advisory Committee Meeting	9/25-27
College-wide full-day faculty retreat	10/26/07
College-wide ½-day faculty meetings	Nov, Jan, Apr, Aug?
UAlbany Advisory Committee Meeting	Jan?
External Advisory Committee Meeting	Spring or Summer '08
Food for Thought ⬥ Version 2.0	Monthly

Products

Legislative Proposals - Federal and State	9/26/07
Report of the Academic Advisory Committee	Nov-07
Self-study documents for each department/ degree program	Jan-08
Five year goals for the College and each of its units	Feb-08
Investment proposals to the University	Feb-08
Mission statement for the College and each of its units	Feb-08
Responses to each of the key questions	Apr-08
Food for Thought results and recommendations	Jun-08
Report of the External Advisory Committee	Jun-08
Self-study documents submitted to SUNY Central	Jun-08
Development plan including a case statement for the college	Aug-08
College-wide Faculty Searches Completed	May-08
Joint CCI-Nanoscience Faculty Search Completed	May-08

MISSION STATEMENTS

College

The College of Computing and Information supports world-class research and educational programs related to computing and information. We teach our students to excel in the information-rich world that they will inhabit and we help create that world through our research. The college's faculty and students examine a broad set of topics ranging from the design and implementation of computer and information systems to the impact of new information technologies on society. Our research and academic programs draw on interdisciplinary connections across the university, a reflection of the fact that the information revolution permeates nearly every aspect of modern life. Our educational programs include computer science, information science, and information technology, as well as a graduate professional degree that is accredited by the American Library Association.

Computer Science

The Computer Science Department at the University at Albany is dedicated to high quality education and research, as well as service to the community of the university. The faculty and staff of the department are committed to providing a modern, relevant and rigorous computer science education at all university levels. To the general community we provide service courses that explain computer science and its impact on the modern world, and provide an introduction to the concepts and skills needed to develop computer applications. We offer a range of undergraduate degrees that enable students to focus on different aspects of the field, or combine them with other majors on the campus. To all of these students we provide a curriculum that combines a foundation based on algorithms and software development, as well as elective offerings that reflect the range of modern computer science. We offer a Master of Science program that prepares our graduates for advanced careers in computer science and related areas. Our Ph.D. program prepares students to become active participants in the on-going development of computer science.

As a complement to our educational efforts, we are committed to a faculty that is actively engaged in meaningful computer science research. Given the size of the department we recognize that we of necessity concentrate in a few research areas. While faculty are free to choose their areas of interest, the department promotes areas that are likely to result in fruitful group efforts, interdisciplinary collaborations, and work of special interest given the other areas of strength in the university and in New York's Capital Region. As research is an important part of education, we involve students at all levels in our efforts, in order for them to learn about the evolution of ideas in computer science.

Informatics (draft)

The Department of Informatics seeks to enhance all disciplines at the University at Albany by introducing an Information Technology (IT) perspective to all fields. Housed in the College of Computing and Information, the department provides and promotes a bridge between technology and other domains through its interdisciplinary activities in research, teaching and service. Informatics is a hybrid discipline that involves the intersection of people, information and technology. With faculty and students in the arts, humanities, sciences, social sciences and professional schools it provides unique opportunities for interdisciplinary endeavors throughout the university.

Information Studies

The Department of Information Studies provides and promotes education and leadership in the information professions through distinguished teaching, research, and service.

Core Goals
- Provide quality educational programs to foster engaged learning and discovery and prepare students for careers in the information professions;
- Engage in interdisciplinary research and scholarship that enhances teaching, improves professional practice, expands the boundaries of the information sciences, and benefits society;
- Collaborate with organizations and communities to design, implement, and assess information systems and services;
- Promote the development of public information policies that support a broadly diverse, informed and responsible citizenship;
- Assist in the development of high standards of ethics and practice within the information professions.

Five-Year Goals
- Increase breadth and depth of department's research activities
- Increase outside grant funding
- maintain and/ or move up in the U.S. New rankings (currently 15th)
- Increase student enrollment across all levels (undergraduate and graduate)
- Revise the curriculum in response to input from the community
- Increase faculty size to enable goals to be met
- Integrate teaching and research activities on authentic research and community-based learning

DESCRIPTIONS

College

The College of Computing and Information at the University at Albany, State University of New York, was created in 2005. It is comprised of three founding faculties: the Department of Information Studies, (previously known as the School of Information Science and Policy), the Department of Computer Science, and the Department of Informatics (the home of campus-wide inter-disciplinary Ph.D. Program in Information Science and the IT Commons).

The College of Computing and Information commits itself to supporting world-class, discipline-based research and educational programs related to computing and information. The new College will:
- Support and strengthen undergraduate and graduate education throughout the University in computer science, information science (IS), and information technology (IT).
- Continue the existing undergraduate and graduate degree programs in computer science and in library and information science.
- Attract new resources to the campus that will support university-wide IS/IT programs.

The University at Albany has traditionally had many excellent research and educational programs related to computing and information dispersed throughout the campus. In creating the College of Computing and Information, the University has brought together under one unit all of the core units relating to computing and information to provide a focal point for scholarship and discovery relating to computing and information. The interdisciplinary Department of Informatics in the College of Computing and Information is a network of

faculties from across the University to foster interdisciplinary research germane to computing and information

Computer Science

The department offers three Bachelors degree programs in Computer Science that differ in depth and in their overall requirements of mathematics and science. Also offered are Honors, combined Bachelors/ Masters, Masters, and Doctoral programs. Our curriculum covers practical, theoretical and experimental computer science.

Informatics

As a new department in the University's College of Computing and Information (CCI), the Department plays a central role in fostering innovation and discovery in emerging areas of informatics. The department has core and affiliated faculty in the areas of computational science, information systems, information policy, decision support, geographic information science, government information systems/ e-government, information assurance, organizational studies, knowledge organization and management, information technology and learning, and human computer interaction.

The Department currently offers a Ph.D. degree in Information Science, one of the first in the country. This is a collaborative, interdisciplinary program with faculty from the other Departments of CCI (Computer Science, Information Studies) and from departments of the School of Business, the College of Arts and Sciences, the Nelson A. Rockefeller College of Public Affairs and Policy, and the School of Education. The Department also offers an undergraduate Minor in Informatics and will be developing a B.S. degree.

Information Studies

For more than 75 years, the Department of Information Studies at the University at Albany has been preparing students to live in an information-rich environment. Whether taking an introductory course or studying for a professional position as a librarian, archivist, or information specialist, students benefit from a renowned faculty that is supplemented by interdisciplinary expertise from allied fields such as cognitive psychology, linguistics, economics, computer science, geography and planning, and public administration. Located in the capital of New York State, the Department offers undergraduate, masters, and doctoral degree programs, as well as a graduate certificate of advanced study. The Department's M.S.I.S. program, accredited by the American Library Association, has a long established reputation for excellence. Albany graduates occupy top jobs in academic, public, school, corporate, and government libraries and archives and in other information handling organizations throughout the world. Join us to learn how information is created, organized, and utilized, and to ensure that tomorrow's information structures and networks respond to society's need for new knowledge, whenever and wherever it comes to life.

DEGREE PROGRAMS

Computer Science

B.A. and B.S. in Computer Science

Courses offered by the Department of Computer Science provide an introduction to the theory and practice of computing. Familiarity with computer languages and data structures is developed in appropriate courses by the completion of programming assignments related to course material.

Students may elect a short sequence of courses in a particular aspect of computer science, complete a minor for broader competence, or obtain a foundation in both theory and practice by completing either a major in computer science or in computer science and applied mathematics.

The computer science majors combine advanced topics in computing practice with introductory material on the mathematical foundations of computer science including abstract models of computers and languages and the fundamental limits of computing.

Students with a primary interest in the applications of computing may combine the major in computer science with a major or minor in other disciplines. Such combinations may be attractive to prospective employers because of today's wide range of computing applications.

The B.A. in computer science requires that the student elect at least one minor from an approved list. Students considering a minor in either mathematics or physics are advised instead to consider one of the B.S. programs described below.

The two B.S. programs both combine a major with a minor and are recommended for those students who intend to pursue graduate programs in computer science or who wish to qualify for positions involving research or advanced development in computer systems design.
- The interdisciplinary B.S. major in Computer Science and Applied Mathematics combines a strong sequence in computer science with those courses in mathematics particularly relevant to advanced work in computer science.
- The B.S. in computer science encompasses a two-course sequence in physics and a second two-course sequence in either more advanced physics or in a second science elected by the student.

M.S. in Computer Science:

The Master of Science program provides a solid foundation in computer science theory and practice that gives preparation for a career in computing or for further graduate study and research leading to a doctoral degree. Students should refer to the departmental graduate handbook and to their faculty advisor to plan a program of study according to their interests.

The master's degree requires a minimum of 32 credits, of which at least 26 must be taken from the Computer Science Department at the University at Albany, SUNY. The M.S. program, excluding undergraduate deficiency subjects, typically takes two full years.

Combined B.S.-M.S. Program

Qualified undergraduates may apply for admission to the M.S. program and, if accepted, simultaneously work toward completion of the requirements for both undergraduate and graduate degrees. See Combined Baccalaureate- Master's Degree Programs for details.

PH.D in Computer Science

The purpose of the program is to prepare the student for a career as a productive research scholar in computer science. The program is intended for students with career interests in universities, industrial research and development, or government research agencies.

The program is designed to develop the student's ability to recognize and formulate significant research problems, to express them using appropriate abstract models, to apply theoretical and/ or experimental techniques for their solution, and to transmit the results to the scientific community. The program develops a broad understanding of computer science, a deep understanding of the major field of interest, mastery of the research methods appropriate for this major field, and the versatility to enter new fields as they emerge.

The program of study and research requires at least three academic years of full-time study and research or the equivalent over a longer period beyond the baccalaureate and, typically, may involve four years.

Informatics

PhD in Information Science

The University at Albany's doctoral program in Information Science is a unique interdisciplinary research program in which faculty and students study a wide variety of disciplines related to information and its use by individuals and organizations. Our research community includes approximately fifty faculty and forty doctoral students engaged in a wide range of activities aimed at understanding the impact that information technologies and policy have on today's society, and at building an effective information infrastructure for tomorrow's world.

Informatics minor

The vast growth in importance of information technology in virtually all disciplines and workplaces has created a need for many students to have more than a rudimentary introduction to the use of that technology. This minor provides broad exposure in information organization, retrieval, and management; programming; networking, systems, and web technologies; and databases and data modeling. It also provides some depth in more advanced courses of the students' choosing.

It is a new minor, first offered in Fall '06. As of Spring '07 there were eleven declared minors. Proposals to add cognate options with the Department of Communication, Department of Geography and Planning, and School of Criminal Justice are under review by the UAlbany Undergraduate Academic Council.

Information Studies

B.A. in Information Science

The focus of the *Faculty-Initiated Interdisciplinary Major with a Concentration in Information Science* is on the nature and use of information and supporting technology applications. Classes offered in the program provide an introduction to computer programming, web development, digital imaging, networking, information storage and retrieval, and database management. The B.A. includes coursework in disciplines such as linguistics, psychology, and philosophy to underscore the importance of humanistic, cognitive, and social aspects of information.

M.S. in Information Science (M.S.I.S.)

The M.S.I.S. is a professional program accredited by the American Library Association. The five concentrations prepare information professionals in the following areas: Archives and Records Administration, Information Systems and Technology, Information Management and Policy, Library and Information Services, and Library and Information Services/ School Media. Graduates of the program are employed in libraries, information and records centers, archives, governmental agencies, school districts, or private sector environments.

Certificate of Advanced Study (C.A.S.)

The C.A.S. is a 30 credit post-master's degree program offering information professionals the opportunity for organized study in a specialized area. This is an individualized program of study which includes a major research seminar and advanced internship. Examples of possible specialization include Information Resources Management, Reference and Information Services, and School Media Program Administration.

B.A. or B.S./ M.S.I.S. (Dual Degree Program)

The combined B.A./ M.S.I.S. or B.S./ M.S.I.S. programs in information studies provide a unique opportunity for capable, highly motivated students to pursue any undergraduate major while at the same time beginning their professional preparation for a career in any of the M.S.I.S. concentrations listed above.

M.A./ M.S.I.S. (Dual Degree Program)

Two degree programs combining the M.S.I.S. and the M.A. in either English or History are offered by the School.

AFFILIATED RESEARCH CENTERS

Center for Technology in Government

The Center for Technology in Government (CTG) works with government to develop information strategies that foster innovation and enhance the quality and coordination of public services. We carry out this mission through applied research and partnership projects that address the policy, management, and technology dimensions of information use in the public sector. The results generated by each project add to a growing knowledge base designed to support the work of both government professionals and academic researchers.

CTG is an applied research center devoted to improving government and public services through policy, management, and technology innovation. Through its program of partnership, research, and innovation, the Center provides government organizations and individuals with an array of tools and resources designed to support the development of a digital government.

The goal of every CTG partnership project is to build knowledge that improves the way government works. CTG projects have helped state, local, and federal agencies increase productivity and coordination, reduce costs, enhance quality, and deliver better services to citizens and businesses. The results generated by each project add to a growing knowledge base designed to support the work of both government professionals and academic researchers.

CTG receives funding through the University at Albany's state budget, as well through grants and awards from foundations and federal agencies such as the National Science Foundation. Corporate partners, such as Microsoft, Oracle, Hewlett Packard, and Meta Group, donate equipment, software, and services.

Since its creation in 1993, the Center has:
- conducted 25 partnership projects, which produced outcomes that have helped state, local, and federal government agencies improve services and operations;
- partnered with 57 government agencies, 42 corporate organizations, and 14 academic institutions and research organizations;
- issued more than 60 publications designed to support the work of government professionals and contribute to the field of research on IT innovation in government organizations;
- developed 12 prototype systems that have answered critical policy, management, organizational, and technology questions;
- received 16 research grants and fee-for-service contracts for over $5.5 million;
- been honored with 8 state and national awards such as the Ford Foundation's Innovations in American Government award; and
- provided data and support to more than 20 doctoral dissertations and masters projects.

Center for Information Forensics and Assurance

The New York State Center for Information Forensics and Assurance (CIFA) is a partnership of the University at Albany, SUNY, New York State Office of Cyber Security and Critical Infrastructure Coordination, and the New York State Police. It's mission is research and education to better enable practitioners to address real problems in information forensics and assurance, especially in the area of public protection. Specifically, CIFA:

- Targets the public sector workforce in an effort to build knowledge resources and practical skills within state and local government.
- Develops and deploys courseware for academic and professional education programs in related disciplines.
- Provides a home for multidisciplinary researchers and practitioners developing workable approaches to emerging information forensics and assurance issues and effective methods to facilitate learning and dissemination of these approaches.

Information assurance – the protection and defense of information and information systems – and information forensics – the collection and handling of digital evidence that remains after an attack – have become central concerns of individuals and organizations. At UAlbany, students and faculty have the opportunity to learn about information forensics and assurance as well as contribute to these critical fields through cutting-edge research.

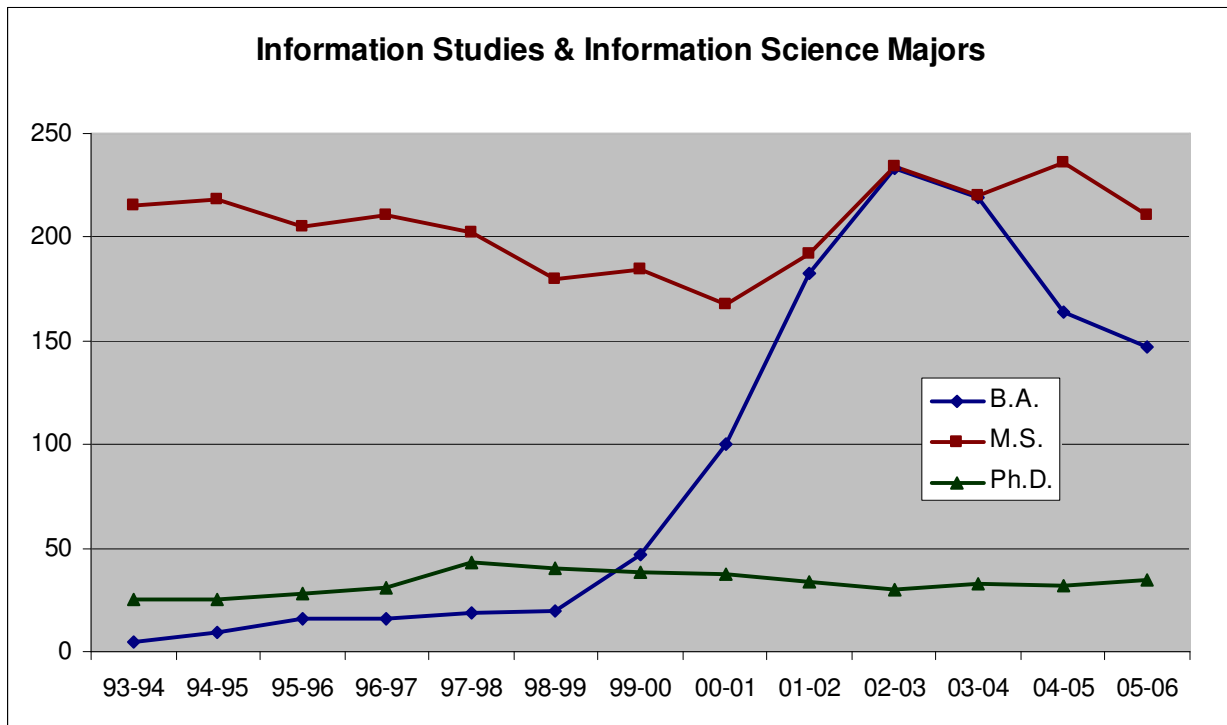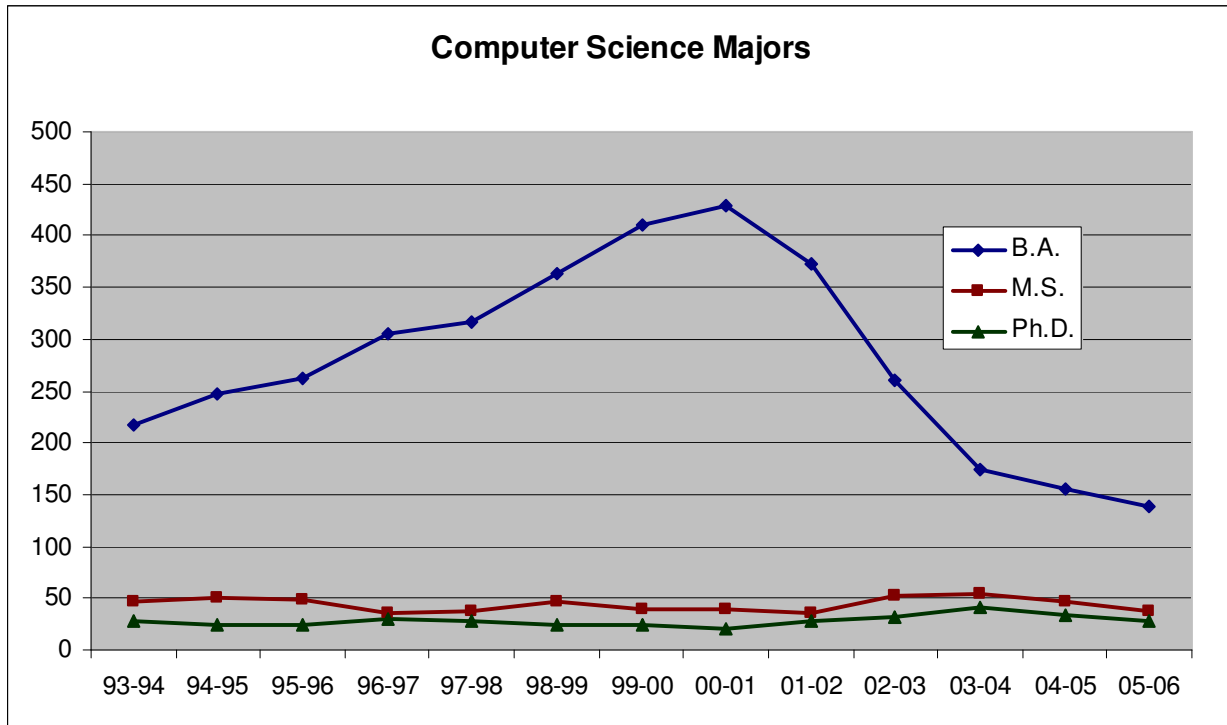## Institute for Informatics, Logics, and Security Studies

The mission of the Institute for Informatics, Logics, and Security Studies (ILS) is to increase the University at Albany's reputation and visibility as a center of excellence in information technology research and education, contributing to various University-wide initiatives such as bio-informatics, information science, information assurance and security. Through collaboration with key members of academia, government, and industry, the Institute is working to develop educational programs, advance pioneering research, create innovative technologies, transfer valuable knowledge and expertise, and foster an environment of cooperation and trust among its partners. We strive to create a collegial environment by bringing together students and researchers from various parts of the University and across New York State. The Institute is sponsoring a computational informatics seminar series, and serves as a host for visitors from industry, academia, and research-sponsoring government agencies.

From its origin in 1992 as the the Institute of Programming and Logics, ILS has expanded and in 2000 established the Natural Language Information Processing Laboratory. ILS is a multi-disciplinary organization conducting advanced research and Ph.D. level graduate education in various aspects of computational informatics such as:

- Information representation, retrieval, summarization, linking and fusion
- Human-computer interaction, question-answering and spoken dialogue
- Computational logic, automated deduction and logic programming
- Multilingual and translingual information processing
- Information assurance and security, protocol verification, intrusion detection
- Information quality and reliability
- User studies and usability testing
- Computational systems for business, intelligence, and forensics
- Computer applications for national security and homeland defense

STUDENT ENROLLMENT HISTORY

Computer Science Majors

Legend: B.A. / M.S. / Ph.D.

Information Studies & Information Science Majors

Legend: B.A. / M.S. / Ph.D.

PH.D. DEGREES AWARDED

Computer Science

Year	Last Name	First Name	Placement
1986	Chakravarty	Sreejit	
1988	Bernhard	Philip	
1989	Stillman	Jonathan	
1989	Wee	Young Cheul	
1991	Yu	Lin	
1992	Gu	DeChang	
1993	Radhakrishnan	Venkatesh	
1994	Hidalgo	Juan Carlos	
1994	Marathe	Madhav	
1995	Ramesh	Anavai	
1996	Chundi	Parvathi	
1996	Narasimhan	Ragini	
1996	Subramaniam	Mahadevan	
1997	Guo	Qing	
1997	Saxena	Tushar	
1997	Shukla	Sandeep	
1998	Becker	George	
2000	Kao	Howard	
2000	O'Connell	Thomas	Skidmore College, Saratoga Springs, NY
2000	Wu	Ye	SAIC, Annapolis, MD
2002	Wang	Wen-Li	Pennsylvania State University, Erie, PA
2003	Ramesh	Ganesh	Microsoft, Seattle, WA
2003	Tang	Mei-Huei	Ganon University, Erie, PA
2004	Wang	Lida	?, CA
2005	Najafzadeh	Haleh	GE Power Systems, Niskayuna, NY
2006	Zheng	Xiaoyu	Amazon, Seattle, WA
2006	Satyanarayana	Ashwin	Microsoft, Seattle, WA
2006	Aminian	Minoo	
2006	Shimizu	Nobuyuki	
2007	MacDonald	Ian	College of St. Rose, Albany

Information Science

Year	Last Name	First Name	Placement
1995	Giguere	Mark	
1996	Andersen	Deborah	University at Albany
1996	Whittle	Francis	
1996	Yu	Lixin	
1998	McInerney	Claire R	Rutgers
1998	Nelson	Mark R	National Association of College Stores
1998	Pardo	Theresa	Center for Technology in Government, UA
1998	Tribunella Iii	Thomas J	Rochester Institute of Technology

Year	Last Name	First Name	Placement
1999	Akison	Pamela J	
1999	Dowling	Anne	NYS Institute for Traffic Safety, Management, and Research
1999	Fisher	Craig W	Marist College
1999	Fogelman	Martin	University at Albany
1999	Kahn	Russell L	SUNY IT - Utica
1999	Kelly	Kristine L	McKinsey Consulting or Babson College or Endicott College
1999	Marchi	Glenn R	
1999	Stone	Brett A	
1999	Yoder	Robert	Siena College
2000	Gendron	Michael S	University of Connecticutt
2000	Green	Maurice W	University of Washington or Skidmore College
2000	Kao	Chih-Chung	
2000	Larsen	Kai	University of Colorado
2001	Cortesi	Guy J	
2001	Garnsey	Margaret R	
2001	Powers	Jennifer J	University at Albany
2001	Sheehy	Ethyl J	
2001	Wu	Yi-Fang	New Jersey Institute of Technology
2002	Bois	J Robert	retired from USAF
2002	Fisher	Ingrid	University at Albany
2002	Neely	M Pamela	Rochester Institute of Technology
2002	Otto	Peter	Townsend School of Business, Dowling College
2002	Rich	Eliot	University at Albany
2002	Scholl	Hans J	Universityof Washington
2002	Silsbee	Donna L	
2002	Zeng	Jihong	NYIT
2003	Derobertis	Frank	Marist College
2003	Diker	Vedat	University of Maryland
2003	Lauria	Eitel	Marist College
2003	Zhang	Jing	Clark University
2004	Asoh	Derek	Southern Illinois University
2004	Bach	Christian	
2004	Luna-Reyes	Luis	Universidad de las Americas, Puebla, Mexico
2004	Nyquist	Corinne E	SUNY New Paltz
2004	Pelish	Matthew	
2005	Byrne	Colene M	
2005	Ho	Jinwon	
2006	Cusack	Maggie	Marist College
2006	Gurusamy	Kumari	
2006	Lee	Chui-Chun	SUNY New Paltz
2006	Wang	Wei-Tsong	National Cheng Kung University, Taiwan
2007	Demertzoglou	Pindaro	RPI

COLLEGE OF COMPUTING AND INFORMATION
UNIVERSITY AT ALBANY State University of New York

COLLEGE FACULTY

Last Name	First Name	Ph.D.	Year	Rank	Research Interests
Computer Science					
Berg	George	Northwestern University	1988	Associate Professor	Machine learning, computational biology, and natural language processing
Bloniarz	Peter A.	MIT	1977	Professor	Curriculum and pedagogic innovations, public sector information systems
Chaiken	Seth	MIT	1980	Associate Professor	Combinatorial theory and linear algebra and their applications to electronic circuits, computer architecture, algorithms, and computational geometry
Chen	Mei-Hwa	Purdue University	1994	Associate Professor	Developing techniques and tools to facilitate effective development and maintenance of heterogeneous software
Haas	Andrew	University of Rochester	1982	Associate Professor	Artificial intelligence, including syntax, semantics and parsing of natural language, knowledge representation (especially the representation of the notions of belief and knowledge), and planning
Hunt, III	Harry B.	Cornell University	1973	Professor	Finding answers, for questions 1 and 2 for problems for the various structures studied in computer science and applied mathematics. Structures under investigation include graphs and hypergraphs, abstract algebraic structures (e.g., lattices, semi-lattices, rings, semi-rings), discrete and finite dynamical systems, networks of communicating processes, and combinatorial games.
Mullin	Lenore	Syracuse University	1988	Associate Professor	Embedded Digital Systems, Simulation Science, High Performance scientific Software and Software Libraries using C++ Expression Templates that allows performance equivalent to C and pointers, Language and Compiler/Interpreter Optimizations for Advanced Scientific Languages using arrays and Research Education
Murray	Neil V.	Syracuse University	1979	Professor	Automated deduction, extension of deductive techniques to various non-classical logics, including multiple-valued, annotated and fuzzy logic, knowledge compilation
Narendran	Paliath	RPI	1984	Professor	Automated Reasoning and its applications
Ravi	Sekharipuram S.	University of Pittsburgh	1984	Professor	Design and Analysis of Algorithms, Mobile Computing, Operations Research, Fault-Tolerant Computing and Very Large Scale Integration (VLSI)
Strzalkowski	Tomek	Simon Fraser University, BC	1986	Associate Professor	Computational linguistics, information retrieval & summarization, knowledge representation and knowledge-based systems, logic programming, and artificial intelligence
Willard	Dan	Harvard University	1978	Professor	Mathematical logic (with a concentration in proof theory), the complexity of retrieval algorithms, computational geometry, databases and sociobiology

Last Name	First Name	Ph.D.	Year	Rank	Research Interests
Informatics					
Andersen	Deborah Lines	University at Albany	1996	Associate Professor	*Tenure Home: Information Studies.* Research methods and statistics, electronic information access technologies and their users, public libraries
Calef	Monika P.	University of Virginia	2003	Assistant Professor	*Tenure Home: Geography & Planning.* Analyzing and modeling large scale landscape patterns and dynamics using GIS
DeLong	Stephen E.	University Texas Austin	1971	Professor	*Tenure Home: Geology.* Decision support, expert judgment, and system dynamics modeling
Guney	Senem	University Texas Austin	2004	Assistant Professor	*Tenure Home: Communication.* Organizational identity and sensemaking in collaborative action, forms of organizing and leadership in distributed work environments, role of communi- cation technologies in the construction of organizational identity among collaborating project teams, use of the theory of complex adaptive systems (CAS) in social research, epistemological connections between the study of CAS and narrative analytical methods, organizational ethnography, discourse analysis
Knuth	Kevin	University of Minnesota	1995	Assistant Professor	*Tenure Home: Physics.* Inductive inference and inquiry, source separation of mixed signals, information processing in the brain, identification of relevant causal interactions, astrobiology, intelligent instruments and robotics
Koslowski	Rey	University of Pennsylvania	1994	Associate Professor	*Tenure Home: Political Science.* International relations dealing with international organization, European integration, international migration, information technology, homeland security
Lance	Tim				*Tenure Home: Mathematics.*
Mattern	Yvette	Columbia (Masters)	1987	Assistant Professor	*Tenure Home: Music & Art.* Video works, video design, television and film editing and directing
Naccarato	Toni	University California Berkeley	2005	Assistant Professor	*Tenure Home: Social Welfare.* Child welfare, analysis and reform of economics and social policy
Powers	Jennifer Goodall	University at Albany	2001	Visiting Assistant Professor	Curriculum development, women in information technology
Shea	Peter	University at Albany	1998	Assistant Professor	*Tenure Home: Educational Theory & Practice.* Student and faculty experience in techno-logy-mediated teaching and learning, teaching presence, community in asynchronous learning networks
Stamatel	Janet	University of Chicago	2004	Assistant Professor	*Tenure Home: Criminal Justice.* Cross-national crime comparisons, social change and crime, measurement and methods, data collection and utilization

Last Name	First Name	Ph.D.	Year	Rank	Research Interests
Informatics Affiliated Faculty					
Andersen	David F.	MIT	1977	Distinguished Service Professor	*Home Department: Public Administration & Policy.* Public management, simulation and decision support systems in public policy, government information management
Bangert-Drowns	Robert	University of Michigan Ann Arbor	1986	Associate Professor	*Home Department:: Educational Theory and Practice.* Meta-analytic and literature review methodology, instructional design for computer-based instruction, higher-order thinking and literacy
Chengalur-Smith	Indushobha	Virginia Tech	1989	Associate Professor	*Home Department: Information Technology Management.* Decision-making, information quality, and technology implementation, open source software, security policy
Cresswell	Anthony M.	Teacher's College Columbia University	1970	Associate Professor	*Home Department:: Educational Administration and Policy.* Organizational studies and the role of information in organizational action and innovation, with a focus on government
Dawes	Sharon	University at Albany	1991	Associate Professor	*Home Department: Public Administration & Policy.* Government information strategy and management, cross-boundary information sharing, international digital government research sector
Duchessi	Peter J.	Union College	1982	Associate Professor	*Home Department: Information Technology Management.* Information technology-enabled business models, securing supply chains with radio frequency identification (RFID) and electronic product code (EPC) technologies, electronic connectivity in modern supply chains
Faerman	Sue	University at Albany	1987	Distinguished Teaching Professor	*Home Department: Public Administration & Policy.* Managerial leadership effectiveness, managerial transitions, individual and organizational collaboration and conflict
Fisher	Ingrid E.	University at Albany	2002	Assistant Professor	*Home Department:: Accounting and Law.* Information retrieval, automatic thesaurus construction, information semantics, assurance in business information systems
Gangolly	Jagdish	University of Pittsburgh	1977	Associate Professor	*Home Department:: Accounting and Law.* Knowledge representation issues in accounting, concept classification in accounting, formal modeling of internal controls, and security in auditing
Goel	Sanjay	RPI	1998	Associate Professor	*Home Department: Information Technology Management.* Application of information technology in business and engineering applications, computer networking and network security (including cryptography and public key infrastructure), network-based distributed computation and availability of services

Last Name	First Name	Ph.D.	Year	Rank	Research Interests
Hall	Richard	Ohio State University	1961	Professor	*Home Department: Sociology.* Work/labor markets
Harrison	Teresa M.	Bowling Green State University	1981	Professor	*Home Department::Communication.* Computer-mediated communication, comm- unity applications of new technologies, technology and democracy, digital government, community networking, geographic information systems, urban communication, communication theory, and organizational communication
Hendersen	Floyd M.	University of Kansas	1973	Professor	*Home Department: Geography & Planning.* Remote sensing applications in land use, wetlands and agriculture, digital image analysis, geographic information systems
Lawson	Catherine	Portland State University	1998	Associate Professor	*Home Department: Geography & Planning.* Travel behavior, freight, archived intelligent transportation systems data, community development, housing issues, land use, transportation planning, and spatial analysis/geographic information system applications
Miesing	Paul	University Colorado Bolder	1977	Associate Professor	*Home Department: Management.* Strategic vision, organizational change and transformation, technology transfer, business and education use of information technology
Mohan	Lakshmi	Columbia	1960	Associate Professor	*Home Department: Information Technology Management.* Decision Support Systems, Business Intelli-gence, Data Warehousing & Data Mining, Customer Relationship Management and Information Resource Management
Mower	James	University at Buffalo	1988	Associate Professor	*Home Department: Geography & Planning.* Automated cartography, geographic information system, application of real-time perspective viewing models, applications of parallel computing
Pardo	Theresa A.	University at Albany	1998	Research Assistant Professor	*Home Department: Public Administration & Policy.* Information technology innovation in the public sector, cross-boundary collaboration and information sharing, preservation of government records in digital form, return on investment analysis for public sector IT
Rich	Eliot	University at Albany	2002	Assistant Professor	*Home Department: Information Technology Management.* Simulation, software systems, knowledge management, information and infrastructure security
Richardson	George	MIT	1985	Professor	*Home Department: Public Administration & Policy.* Computer simulation, modeling for public policy analysis and group decision support
Singh	Piyusha	Carnegie Mellon University	2002	Assistant Professor	*Home Department:: Criminal Justice.* Spatial analysis, geographic information systems, youth violence and firearms, program evaluation, use of crime mapping and technology in policing
Stromer-Galley	Jenny	University of Pennsylvania	2002	Assistant Professor	*Home Department::Communication.* Political uses and effects of new information and communication technologies (ICTs) by citizens, by government institutions, and by politicians

Last Name	First Name	Ph.D.	Year	Rank	Research Interests
Tam	Kinsun	University of Connecticut	1999	Associate Professor	*Home Department:: Accounting and Law.* XML, markup languages, computerized content analysis of corporate text documents, database internal controls, and application of Internet technologies
Tayi	Giri Kumar	Carnegie Mellon University	1982	Professor	*Home Department: Information Technology Management.* Data communications and communications networks, information economics & policy, and quantitative models for policy analysis
Information Studies					
Eppard	Philip B.	Brown University	1979	Professor	Archives, records administration, preservation management, electronic records, history of recorded information
Iyer	Hemalata	University of Mysore (India)	1984	Associate Professor	Information organization, visual resource management, access issues for variable media resources, vocabulary management, metadata, classification theory, user behavior and information services to virtual users.
Maxwell	Terry	University at Albany	1995	Associate Professor	Intellectual property policy, organizational information management and use, information policy, information public domain
Rorissa	Abebe	University of North Texas	2005	Assistant Professor	Multimedia information organization and retrieval, measurement and scaling of users' information need and their percep- tions of multimedia information sources and services, the use/acceptance/ adoption and impact of information and communication technologies (ICTs)
Stefl-Mabry	Joette	C. W. Post Long Island University	2001	Assistant Professor	Integration and assessment of educational technologies, user needs; social implica- tions of technology, media decision-making, and media exposure and itseffects on brain functioning
Uzuner	Ozlem	MIT	2005	Assistant Professor	Medical informatics, medical language processing, electronic health records, natural language understanding, natural language information access, information retrieval, information extraction, privacy, security, and intellectual property, & user interfaces
Yang	Huahai	University of Michigan Ann Arbor	2003	Assistant Professor	Human-computer interaction, computer- supported cooperative work, information visualization, collaborative virtual environment, user modeling, and user adaptive interaction
Yuan	Xiaojun (Jenny)	Chinese Academy of Sciences; Rutgers University	2000; 2007	Assistant Professor	Information-seeking behavior, information retrieval, user interface design and evalua- tion, information visualization, usability testing, human-computer interaction, and digital libraries

COLLEGE OF COMPUTING AND INFORMATION
UNIVERSITY AT ALBANY State University of New York

RESEARCH GRANTS AND PUBLICATIONS

Grants (past five years)

Grant Title	Sponsor	Start	End	Amount ($1,000s)	PI
Computer Science					
AMITIES - Automated Multilingual Interaction with Information and Services	US Department of Defense Advanced Res Project Agcy	2001	2003	$285	Strzalkowski
AQUAINT: High Quality Interactive Question and Answering	National Security Agency	2001	2003	$958	Strzalkowski
ITT Request for Proposal # 80075-J	US Navy Office of Naval Research	2002	2002	$20	Narendran
Simulation Day Conference	Multiple Sponsors	2002	2002	$2	Ravi
International Symposium on Methodologies for Intelligent Systems (ISMIS) 2005 Conference Registration Payments	Multiple Sponsors	2005	2007	$21	Murray
NSF Intergovernmental Personnel Act assignment for Lenore Mullin	National Science Foundation	2006	2007	$217	Mullin
CAREER: Knowledge Enhanced Clustering Using Constraints	National Science Foundation	2007	2007	$84	Davidson
Computer Science/ Institute for Informatics, Logics, and Security Studies					
Information Security Education in the Public Sector	National Science Foundation	2002	2004	$200	Bloniarz
The Information Security Academy: A Partnership Model for Building Public Sector Capacity	US Department of Education	2002	2005	$286	Bloniarz
MITRE - Order and Tasks Agreement	MITRE, Inc.	2003	2004	$96	Strzalkowski
An Investigation of Evaluation Metrics for Analytic Question Answering	Battelle	2004	2004	$66	Strzalkowski
Advanced Question Answering for Intelligence Program	US Department of the Interior	2004	2006	$818	Strzalkowski
COLLANE: The Collaborative Analytical Environment	US Air Force Research and Development Laboratory	2006	2007	$808	Strzalkowski
Intelligent, Persistent, Personalised Multimodal Interfaces to the Internet (COMPANIONS)	Commission of the European Communities	2006	2007	$97	Strzalkowski
HITIQA Technology Insertion	US Department of Defense Advanced Research and Development Agency	2006	2008	$900	Strzalkowski
Informatics/ Albany Institute for Research in Education					
What I Like About On-Line Teaching - Pilot Studies to Underdstand Faculty Motivation to Adopt or Reject Instruction via ALNs	Alfred P Sloan Foundation	2006	2006	$45	Shea
Student Involvement in On-line Learning	Alfred P Sloan Foundation	2006	2007	$15	Shea

Grant Title	Sponsor	Start	End	Amount ($1,000s)	PI
Expanding Local Presence with New Technologies: A Proposal to Develop New Acedmic Programs via Blended Learning	Alfred P Sloan Foundation	2007	2007	$260	Shea
Informatics/ Center for Technology in Government					
Knowledge Networking in the Public Sector - Supplemental Budget	National Science Foundation	1999	2003	$15	Dawes
Technology Initiatives	Multiple Sponsors	1999	2003	$9	Dawes
Turning to Digital Government in a Crisis: Coordinating Government, Business & Nonprofit Services in response to the World Trade Center attacks of September 11, 2001	National Science Foundation	2002	2003	$101	Dawes
Modeling the Social and Technical Processes of Interorganizational Information Integration	National Science Foundation	2002	2004	$1,236	Dawes
Partnerships for Advanced Computational Infrastructure	National Science Foundation	2002	2004	$250	Dawes
Increasing Information Sharing: Guidelines for Assessing and Building Capability in the Criminal Justice Enterprise	US Department of Justice	2003	2004	$200	Cresswell
A National Partnership for Information Strategy and Technology in Public Service	National Science Foundation	2003	2004	$60	Dawes
New York State Local Internet Gateway Project	AT&T Foundation	2003	2004	$20	Dawes
ITR: Modeling the Social and Technical Processes of Interorganizational Information Integration	National Science Foundation	2004	2006	$952	Dawes
Building and Sustaining an International Digital Government Research Community of Practice	National Science Foundation	2005	2005	$863	Dawes
Public Sector Return on Investment Analysis	SAP Labs LLC	2005	2006	$302	Cresswell
Leveraging Investments in the Electronic Commons	USDA Agricultural Research Service	2006	2007	$32	Pardo
Design and Delivery of Training Programme for Record-keeping Management	United Nations Development Programme	2007	2007	$17	Pardo
CTG Digital Government Summer Research Institute Related to NSF 1050941/1/37656	Multiple Sponsors	2007	2008	$6	Dawes
Informatics/ Communication					
Electronic Networks & Democratic Life: A Workshop to Develop a Multi-National Research Agenda Addressing Democracy & New Communication Techniques	National Science Foundation	2001	2003	$27	Harrison
Connected Kids: Designing Database Software for Information Dissemination to Multiple Audiences	National Science Foundation	2001	2004	$118	Harrison

Grant Title	Sponsor	Start	End	Amount ($1,000s)	PI
Informatics/ Geography and Planning					
GIS Mapping	NYS Department of Transportation	2002	2002	$17	Lawson
Development of a Hudson River Valley Greenway GIS	Greenway Conservancy for the Hudson River Valley, Inc.	2003	2004	$22	Henderson
Intiative for Healthy Infrastructure	NYS Department of Health	2003	2008	$469	Lawson
Graduate Scholars Program of the Advanced Institute for Transportation Education (AITE 04-05)	NYS Department of Transportation	2004	2005	$30	Lawson
AITE Fellowship	US Department of Transportation	2005	2006	$20	Lawson
Household Travel Survey Research	US Department of Transportation	2006	2006	$19	Lawson
AITE Scholarship-Maria Chau	US Department of Transportation	2006	2007	$10	Lawson
Informatics/ Geography and Planning/ The Lewis Mumford Center					
SWATH Analysis of New York State Economic Activities	NYS Department of Transportation	2005	2007	$90	Lawson
Pilot Person-Based GPS Household Travel Survey	STV Group Inc	2007	2007	$15	Lawson
Informatics/ Physics					
Bayesian Source Separation for Astrophysical Spectra: Application to PAHS	NASA Goddard Space Flight Center	2006	2007	$88	Knuth
Estimation of Entropy with Error Bars: Computing Information- Theoretic Measures of Causality	NASA Earth Science Enterprise	2007	2007	$92	Knuth
Informatics/ Public Administration/ Center for Policy Research					
Dynamic Modeling for ISIS	Department of Health and Human Services	2004	2004	$26	Richardson
Exploring Flood Mitigation Policy: A System Dynamics Approach	National Science Foundation	2004	2006	$199	Richardson
Aviation Security Simulator Project	US Department of Energy	2006	2007	$33	Andersen
Information Studies					
Editorship of the American Archivist	Society of American Archivist	1996	2005	$15	Eppard
InterPARES: International Research on Permanent Authentic Records in Electronic Systems: Experimental, Interactive, and Dynamic Records	National Science Foundation	2002	2003	$127	Eppard
InterPARES 2: Preserving Authentic Non-Textual and Interactive Records	Natl Historical Publications & Records Commission	2005	2006	$257	Eppard
Film Literature Index Online	National Endowment for the Humanities	2002	2004	$68	Aceto

COLLEGE OF COMPUTING AND INFORMATION
UNIVERSITY AT ALBANY State University of New York

Grant Title	Sponsor	Start	End	Amount ($1,000s)	PI
Film Literature Index Online - Subscription Fees	Multiple Sponsors	2002	2005	$546	Aceto
Gates Foundation Scholarship Program	Bill and Melinda Gates Foundation	2002	2005	$10	Eppard
Library Services for IBM/ Skill Dynamics	IBM Corporation	2003	2004	$730	Aceto
Library Services for IBM Corporation	IBM Corporation	2007	2007	$200	Aceto
Institute of Museum and Library Services	NYS Education Department	2005	2007	$30	Bloniarz
Visual Resources Management: Determining Professional Competencies and Guidelines for Graduate Education	Institute of Museum and Library Services	2005	2007	$154	Iyer
Natural Language Processing for Clinical Records	National Institutes of Health	2006	2006	$97	Uzuner
Informatics for Integrating Biology and the Bedside (I2B2) - Core I	National Library of Medicine	2006	2007	$40	Uzuner

Publications (past five years)

COMPUTER SCIENCE FACULTY PUBLICATIONS

Berg, George (3)

Searching Hidden Messages: Automatic Detection of Steganography. Berg, George, et al. *Proceedings of the Fifteenth Innovative Applications of Artificial Intelligence Conference* 2003.

A Mixture of Experts Method for Predicting Domain Boundaries in Proteins. . Berg, George, et al. 2007. In *Proceedings of the Fifteenth Innovative Applications of Artificial Intelligence Conference* BIBE.

Innovative Model for Information Assurance Curriculum: A Teaching Hospital. Goel, S., et al. *ACM Journal on Educational Resources in Computing*. 2006.

Bloniarz, Peter   (2)

A 'teaching hospital' instructional design model: The interplay of case-based and problem-based learning. Bangert-Drowns, R.L., et al. 2007. In *Annual meeting of the American Educational Research Association*. Chicago.

Innovative Model for Information Assurance Curriculum: A Teaching Hospital. Goel, S., et al. *ACM Journal on Educational Resources in Computing*. 2006.

Chaiken, S.   (5)

Ported Tutte Functions of Extensors and Oriented Matroids," arXiv:math/0605707. Chaiken, S. 2006.

Nonattacking queens in a rectangular strip. Chaiken, S., et al. 2007.

A q-queens problem. Chaiken, S., et al. 2007.

Validated Observation and Reporting of Microscopic Performance using Pentium II Counter Facilities. Chaiken, S., et al. *4th International Workshop on Software and Performance (WOSP 04)*, at Redwood Shores, CA. 2004.

Toward a framework for source code instrumentation measurement validation. Chaiken, S., et al. *5th international workshop on Software and Performance. ACM SIGMETRICS and SIGSOFT*, at Palms, Illes Balears, Spain. 2005.

Chen, Mei-Hwa   (10)

Automatic Test Case Generation for Database-Driven Applications. Dai, Zhen Yu, et al. *9th International Conference on Software Engineering and Knowledge Engineering,*, at Boston, MA. 2007.

Server Directed File Domain Allocation for Noncontiguous File Access. Jia, Bin, et al. *2nd International Workshop on Parallel I/O in Cluster and Grid Computing Systems*, at Ottawa, Canada. 2004.

Dataflow Analysis and Testing of Software Components. Pan, Yajuan, et al. *IASTED, SEA*, at Cambridge, MA. 2004.

Slicing Component-Based softwareSlicing Component-Based software. Pan, Yajuan, et al. *11th IEEE International Conference on Engineering of Complex Computer Systems*, at Shanghai, China. 2005.

Measuring OO Design Metrics from UML. Tang, Mei-Huei, et al. *5th International Conference on the Unified Modeling Language - the Language and Its Applications*, at Dresden, Germany. 2002.

A Design-Driven Software Change Impact Model using UML. Tang, Mei-Huei, et al. *IASTED, SEA*, at Phoenix, AZ. 2005.

Heterogeneous Software Reliability Modeling. Wang, Wan-Li, et al. *13th IEEE Thirteenth International Symposium on Software Reliability Engineering*, at Maryland. 2002.

Architecture-Based Software Reliability Modeling. Wang, Wen-Li, et al. *The Journal of Systems and Software*. 2006.

UML-Based Integration Testing for Component-Based Software. Wu, Ye, et al. *2nd International Conference on COTS-Based Software Systems,*, at Ottawa, Canada. 2003.

Maintaining Multi-Tier Web Applications. Zhen, Xiouyu, et al. *23rd IEEE International Conference on Software Maintenance*, at Paris, France. 2007.

Haas, A.   (2)

Following Verbal Directions by Information Extraction. in Proceedings of the Workshop on Intuitive Human-Robot Interaction for Getting the Job Done. Haas, A. *The 2006 Robotics: Science and Systems Conference*. 2006.

Exact Decoding for Jointly Labeling and Chunking Sequences. Shimizu, Nobuyuki, et al. *Joint International Conference on Computational Linguistics and Association for Computational Linguistics (Coling-ACL 2006)*. 2006.

Hunt, H.B.   (13)

On Some Special Classes of Sequential Dynamical Systems. Barrett, C. L., et al. *Annals of Combinatorics*. 2003.

Predecessor and Permutation Existence Problems for Sequential Dynamical Systems". Barrett, C. L., et al. *International Conference on Discrete Models for Complex Systems*, at Lyon, France. 2003.

Reachability Problems for Sequential Dynamical Systems with Threshold Functions. Barrett, C. L., et al. *Theoretical Computer Science*. 2003.

Complexity of Reachability Problems for Finite Discrete Dynamical Systems. Barrett, C. L., et al. *Journal of Computer and System Sciences*. 2006.

Computational complexity of analyzing dynamic reliability of interdependent infrastrcutures. Barrett, C.L., et al. *Third International Conference on Critical Infrastructures (CRIS06)*. 2006.

Computational Aspects of Analyzing Social Network Dynamics. Barrett, C. L., et al. *International Joint Conference on Arti_cial Intelligence (IJCAI 07)*, at Hyderabad, India. 2007.

Predecessor Existence Problems for Finite Discrete Dynamical Systems. Barrett, C. L., et al. *Theoretical Computer Science*. Forthcoming.

Parallel Approximation Schemes for a Class of Planar and Near Planar Combinatorial Problems. Hunt, H.B., et al. *Information and Computation*. 2002.

Towards a Predictive computational complexity theory for periodically specified problems: a survey. Hunt, H.B., et al. 2006. In *Computational Complexity and Statistical Physics*, ed. A. G. Percus, G. Istrate and C. Moore. New York: Oxford University Press.

Efficient radar processing via array- and pointer-algebras. Mullin, L.R., et al. *1st workshop on Optimization for DSP and Embedded Systems (ODES'03)*, at San Francisco, CA. 2003.

On minimizing materializations of array-valued temporaries. Rosenkrantz, D. J., et al. *ACM TOPLAS*. Forthcoming.

Exploiting structure in quantified formulas. Stearns, R. E., et al. *Journal of Algorithms*. 2002.

Resource bounds and subproblem independence. Stearns, R. E., et al. *Theoretical Computer Systems*. 2005.

Mullin, L.R. (2)

Efficient radar processing via array- and pointer-algebras. Mullin, L.R., et al. *1st workshop on Optimization for DSP and Embedded Systems (ODES'03)*, at San Francisco, CA. 2003.

On minimizing materializations of array-valued temporaries. Rosenkrantz, D. J., et al. *ACM TOPLAS*. Forthcoming.

Murray, N.V. (11)

Foundations of Intelligent Systems, ISMIS 2005. Hacid, M., et al. 2005. In *Lecture Notes in Artificial Intelligence*. Saratoga Springs, NY.

Unit Preference for Ordered Resolution and for Connection Graph Resolution. Haehnle, R., et al. 2002. In *International Conference TABLEAUX 2002 - Analytic Tableaux and Related Methods*. Lyons, France.

Linearity and Regularity with Negation Normal Form. Haehnle, R., et al. *Theoretical Computer Science*. 2004.

Normal Forms for Knowledge Compilation. Haehnle, R., et al. *International Symposium on Methodologies for Intelligent Systems - ISMIS, 2005*, at Saratoga Springs, NY. 2005.

Inference for Annotated Logics over Distributive Lattices. Lu, J., et al. *Thirteenth International Symposium on Methodologies for Intelligent Systems*, at Lyons, France. 2002.

Deduction and Search Strategies for Regular Multiple-Valued Logics. Lu, J., et al. *Journal of Multiple-Valued Logic and Soft Computing*. 2005.

Tableaux, Path Dissolution, and Decomposable Negation Normal Form for Knowledge Compilation. Murray, N.V., et al. *International Conference TABLEAUX 2003 - Analytic Tableaux and Related Methods*, at Rome, Italy. 2003.

Duality in Knowledge Compilation Techniques. Murray, N.V., et al. *International Symposium on Methodologies for Intelligent Systems - ISMIS*, at Saratoga Springs, NY. 2005.

Efficient Query Processing with Compiled Knowledge Bases. Murray, N.V., et al. *International Conference TABLEAUX 2005 - Analytic Tableaux and Related Methods*, at Koblenz, Germany. 2005.

Efficient Query Processing with Reduced Implicate Tries. Murray, N.V., et al. *Journal of Automated Reasoning*. 2007.

Updating Reduced Implicate Tries. Murray, N.V., et al. *International Conference TABLEAUX 2007 - Analytic Tableaux and Related Methods*, at Aix en Provence, France. 2007.

Narendran, Paliath (11)

ACID-Unification is NEXPTIME-Decidable. Narendran, Paliath, et al. *28th International Symposium on Mathematical Foundations of Computer Science (MFCS 2003*. 2003.

Unification modulo ACUI with Homomorphisms/Distributivity. Narendran, Paliath, et al. *19th International Conference on Automated Deduction (CADE-19)*, at Miami Beach, Florida. 2003.

Unification modulo ACUI plus distributivity Axioms. Narendran, Paliath, et al. *Journal of Automated Reasoning*. 2004.

Closure Properties and Decision Problems of Dag Automata. Narendran, Paliath, et al. *Information Processing Letters*. 2005.

Intruders with caps. Narendran, Paliath, et al. *Eighteenth International Conference on Rewriting Techniques and Applications, (RTA-07)*, at Paris, France. 2007.

On extended regular expressions. Narendran, Paliath, et al. 2007. In *21st International Workshop on Unification (UNIF-2006)*. Paris, France.

Deciding the confluence of ordered term rewrite systems. Narendran, Paliath, et al. *ACM Transactions on Computational Logic*. 2003.

An E-unification algorithm for analyzing protocols that use modular exponentiation. Narendran, Paliath, et al. *Fourteenth International Conference on Rewriting Techniques and Applications, (RTA-03)*, at Valencia, Spain. 2003.

Undecidability of unification over two theories of modular exponentiation. Narendran, Paliath, et al. *Seventeenth International Workshop on Unification (UNIF-2003)*, at Valencia, Spain. 2003.

Fourteenth International Conference on Rewriting Techniques and Applications, (RTA-03). Narendran, Paliath, et al. *Workshop on Issues in the Theory of Security (WITS 2002)*, at Portland, Oregon. 2002.

Unification modulo ACUI with collapsing homomorphisms. Narendran, Paliath, et al. *Twentieth International Workshop on Unification (UNIF-2006)*, at Seattle, Washington. 2006.

Ravi, S. S.   (31)

Understanding Protocol Performance and Robustness of Ad hoc Networks Through Structural Analysis". Barrett, C. L., et al. *International Conference on Wireless and Mobile Computing, Networking and Communications* at Montreal, Canada. 2005.

A Mobility and Tra_c Generation Framework for Modeling and Simulating Ad hoc Communication Networks. Barrett, C. L., et al. *Scientific Programming*. 2004.

On Some Special Classes of Sequential Dynamical Systems. Barrett, C. L., et al. *Annals of Combinatorics*. 2003.

Predecessor and Permutation Existence Problems for Sequential Dynamical Systems". Barrett, C. L., et al. *International Conference on Discrete Models for Complex Systems*, at Lyon, France. 2003.

Reachability Problems for Sequential Dynamical Systems with Threshold Functions. Barrett, C. L., et al. *Theoretical Computer Science*. 2003.

Complexity of Reachability Problems for Finite Discrete Dynamical Systems. Barrett, C. L., et al. *Journal of Computer and System Sciences*. 2006.

Computational complexity of analyzing dynamic reliability of interdependent infrastrcutures. Barrett, C.L., et al. *Third International Conference on Critical Infrastructures (CRIS06)*. 2006.

Computational Aspects of Analyzing Social Network Dynamics. Barrett, C. L., et al. *International Joint Conference on Arti_cial Intelligence (IJCAI 07)*, at Hyderabad, India. 2007.

Predecessor Existence Problems for Finite Discrete Dynamical Systems. Barrett, C. L., et al. *Theoretical Computer Science*. Forthcoming.

A Mobility and Tra_c Generation Framework for Modeling and Simulating Ad hoc Communication Networks. Barrett, C. L., et al. *ACM Symposium on Applied Computing*, at Madrid, Spain. 2002.

E_Client Incremental Constrained Clustering. Davidson, I., et al. *ACM SIGKDD International Conference on Knowledge Discovery and Data Mining*, at San Jose, CA. 2007.

Distributed Pre-Processing of Data on Networks of Berkeley Motes Using Non-parametric EM. Davidson, I., et al. 2005. In *Workshop in Data Mining in Sensor Networks, co-located with SIAM International Conference on Data Mining*. Newport Beach, CA.

Identifying and Generating Easy Sets of Constraints for Clustering. Davidson, I., et al. *21st National Conference on Artificial Intelligence*, at Boston, MA. 2006.

The Complexity of Non-Hierarchical Clustering with Instance and Cluster Level Constraints. Davidson, I., et al. *Data Mining and Knowledge Discovery*. 2007.

Intractability and Clustering with Constraints. Davidson, I., et al. *International Conference on Machine Learning*, at Corvallis, OR. 2007.

Parallel Approximation Schemes for a Class of Planar and Near Planar Combinatorial Problems. Hunt, H.B., et al. *Information and Computation*. 2002.

Topology Control Problems Under Symmetric and Asymmetric Power Thresholds. Krumke, S.O., et al. *International Conference on Ad hoc and Wireless Networks*, at Montreal Canada. 2003.

Budgeted Maximum Graph Coverage. Krumke, S.O., et al. *International Workshop on Graph Theoretic Concepts in Computer Science (WG'2002), Lecture Notes in Computer Science*, at Krumlov, Czech Republic. 2002.

Algorithmic Aspects of Topology Control Problems for Ad Hoc Networks. Lloyd, E.L., et al. *Third ACM International Symposium on Mobile Ad Hoc Networking and Computing*, at Lusanne, Switzerland. 2002.

Algorithmic Aspects of Topology Control Problems for Ad Hoc Networks. Lloyd, E.L., et al. *Mobile Networks and Applications (MONET)*. 2005.

Approximating the Minimum Number of Maximum Power Users in Ad hoc Networks. Lloyd, E.L., et al. *International Conference on Ad hoc and Wireless Networks* at Vancouver, Canada. 2004.

Topology Control Problems for Wireless Networks. Lloyd, E.L., et al. 2007. In *Approximation Algorithms and Metaheuristics*, ed. T. l. Gonzalez, Chapman and Hall. Boca Raton, FL.

Approximating the Minimum Number of Maximum Power Users in Ad hoc Networks. Lloyd, E.L., et al. *Mobile Networks and Applications (MONET)*. 2006.

Lecture Notes in Computer Science. Ravi, S. S. *Fifth International Conference on Ad-Hoc, Mobile and Wireless Networks*, at Ottawa, Canada. 2006.

Approximation Algorithms for Facility Dispersion. Ravi, S. S., et al. 2007. In *Approximation Algorithms and Metaheuristics*, ed. T. l. Gonzalez, Chapman and Hall. Boca Raton, FL: Taylor & Francis Group.

Structure-Based Resilience Metrics for Service-Oriented Networks. Rosenkrantz, D., et al. *5th European Dependable Computing Conference*, at Budapest, Hungary. 2005.

Obtaining Online Approximation for Facility Dispersion from O_ine Algorithms. Rosenkrantz, D. J., et al. *Networks*. 2006.

Online Dispersion is no Harder to Approximate than Offline Dispersion. Rosenkrantz, D. J., et al. *Networks*. 2006.

Mobile Computing and Communications:Systems, Models and Applications. Tayi, G. K., et al. *Information Systems Frontiers: A Journal of Research and Innovation*. 2005.

Local Base Station Assignment with Time Intervals in Mobile Computing Environments. Tayi, G. K., et al. *European Journal on Operational Research*. 2004.

Topology Control for Simple Mobile Networks. Zhao, E., et al. *IEEE GlobeCom 2006 - Technical Symposium on Wireless Ad Hoc and Sensor Networks: Towards Anytime Anywhere Internetworking*, at San Francisco, CA. 2006.

Strzalkowski, T.   (32)

The Institutional Dimension of Document Quality Judgments. Bai, Bing, et al. *67th Annual Meeting of the American Society for Information Science and Technology*. 2004.

Semantic and Dialogic Annotation for Automated Multilingual Customer Service. Hardy, Hilda, et al. *Eurospeech-2003 Conference*, at Geneva, Switzerland. 2003.

Multi-layer Dialogue Annotation for Automated Multilingual Customer Service. Hardy, Hilda, et al. *ISLE Workshop*, at Edinburgh, UK. 2002.

Automatic Event Classification Using Surface Text Features. Hardy, Hilda, et al. *AAAI Workshop on Event Extraction and Synthesis*, at Boston, MA. 2006.

Cross-Document Summarization by Concept Classification: a preliminary report. Hardy, Hilda, et al. *Human Language Technology Conference*, at San Diego, CA. 2002.

Dialogue Management for an Automated Multilingual Call Center. Dialogue Processing Workshop. Hardy, Hilda, et al. *HLT-NAACL 2003*, at Edmonton, Canada. 2003.

Data-Driven Strategies for an Automated Dialogue System. Hardy, Hilda, et al. *ACL 2004 Conference*, at Barcelona, Spain. 2004.

The Amities System: Data-Driven Techniques for Automated Dialogue. Hardy, Hilda, et al. *Speech Communication Journal*. 2006.

Using Interview Data to Identify Evaluation Criteria for Interactive, Analytical Question-Answering Systems. Kelly, Diane, et al. *Journal of the American Society for Information Science and Technology*. 2007.

Automated Judgment of Document Qualities. Ng, K.B., et al. *Journal of the American Society for Information Science and Technology*. 2006.

Identification of effective predictive variables for document qualities. Ng, K.B., et al. *2003 Annual Meeting of American Society for Information Science and Technology*, at Medford, NJ. 2003.

Adjectives as indicators of subjectivity in documents. Rittman, Robert, et al. *67th Annual Meeting of the American Society for Information Science and Technology*. 2004.

HITIQA: An Interactive Question Answering System. Small, Sharon, et al. *ACL 2003 Workshop on Multilingual Summarization and Question Answering – Machine Learning and Beyond*, at Sapporo, Japan. 2003.

A Data Driven Approach to Interactive Question Answering. Small, Sharon, et al. 2004. In *Future Directions in Automated Question Answering*, ed. M. Maybury: MIT Press.

Multimodal, Interactive Question Answering. Small, Sharon, et al. *Pacific Association for Computational Linguistics (PACLING-2003)*, at Halifax, NS. 2003.

HITIQA: A Data Driven Approach to Interactive Question Answering: A Preliminary Report. Small, Sharon, et al. *AAAI Spring Symposium on Advances in Question Answering*, at Stanford, CA. 2003.

HITIQA: High-Quality Intelligence through Interactive Question Answering. Small, Sharon, et al. *Journal of Natural Language Engineering*. 2008.

Oxford Handbook of Computational Linguistics. Small, Sharon, et al. *Journal of Natural Language Engineering*. 2008.

HITIQA: Scenario Based Question Answering. Small, Sharon, et al. *HLT/NAACL Workshop on Pragmatics of Question Answering*, at Boston, MA. 2004.

HITIQA: Towards Analytical Question Answering. Small, Sharon, et al. *COLING 2004 Conference*, at Geneva, Switzerland. 2004.

Advances in Open-Domain Question Answering. Strzalkowski, T. 2006. Springer.

Question Answering as Dialogue with Data. Strzalkowski, T., et al. 2006. In *Advances in Open-Domain Question Answering*, ed. T. Strzalkowski and S. Harabagiu. Springer.

HITIQA: A Question Answering Analytical Tool. Strzalkowski, T., et al. *International Conf. On Intelligence Analysis*, at McLean, VA. 2005.

Cross Evaluation - a pilot application of a new evaluation mechanism. Sun, Ying, et al. *2004 Annual Meeting of American Society for Information Science and Technology*. 2004.

Automatic Prediction of Information Quality in News Documents. Tang, R., et al. *HLT-NAACL*, at Edmonton, Canada. 2003.

Toward machine understanding of information quality. Tang, R., et al. *2003 Annual Meeting of American Society for Information Science and Technology*, at Medford, NJ. 2003.

Information Retrieval and Natural Language Processing. Tzoukermann, E., et al. 2003. In *Oxford Handbook of Computational Linguistics*, ed. R. Mitkov: Oxford University Press.

A Model for Quantitative Evaluation of an End-to-end Question Answering System. Wacholder, Nina, et al. *Journal of the American Society for Information Science and Technology*. 2006.

Designing a Realistic Evaluation of an End-to-end Interactive Question Answering System. Wacholder, Nina, et al. *LREC Conference*, at Lisbon, Spain. 2004.

Data-Driven Language Understanding for Spoken Language Dialogue. Webb, Nick, et al. *AAAI Workshop on Spoken Language Understanding*, at Pittsburgh, PA. 2005.

Using Co-Occurrence of Answers in Question Answering. Wu, M., et al. *Conference of the Association for Computational Linguistics*, at Sydney, Australia. 2006.

Questioning Answering By Pattern Matching, Web-Proofing, Semantic Form Proofing. Wu, M., et al. *TREC 2003*. 2003.

Willard, D.   (13)

An Algorithm for Handling Many Relational Calculus Queries Efficiently. Willard, D. *Journal of Computer and System Sciences*. 2002.

How to Extend The Semantic Tableaux And Cut–Free Versions of the Second Incompleteness Theorem Almost to Robinson's Arithmetic Q. Willard, D. *Journal of Symbolic Logic*. 2002.

Some New Exceptions for the Semantic Tableaux Version of the Second Incompleteness Theorem. Willard, D. *Automated Reasoning with Analytic Tableaux and Related Methods* 2002.

A Version of the Second Incompleteness Theorem For Axiom Systems that Recognize Addition But Not Multiplication as a Total Function. Willard, D. *First Order Revisited*, at Berlin. 2004.

An Exploration of the Partial Respects in which an Axiom System Recognizing Solely Addition as a Total Function Can Verify Its Own Consistency. Willard, D. *Journal of Symbolic Logic*. 2005.

On the Partial Respects in Which an Axiomization for Real Valued Arithmetic Can Verify its Tableaux Consistency. Willard, D. *Automated Reasoning with Analytic Tableaux and Related Methods*. 2005.

The Axiom System IΣ0 Manages to Simultaneously Obey and Evade the Herbrandized Version of the Second Incompleteness Theorem. Willard, D. *13-th Annual Proceedings of Wollics, Electronic Notes in Theoretical Computer Science* 2006.

A Generalization of the Second Incompleteness Theorem and Some Exceptions to It. Willard, D. *Annals of Pure and Applied Logic*. 2006.

On the Available Partial Respects in which an Axiomization for Real Valued Arithmetic Can Verify its Own Formal Consistency and Related Topics. Willard, D. *Journal of Symbolic Logic*. 2006.

On the Nature of Generalizations and Partial Boundary-Like Exceptions for Gödel's Second Incompleteness Theorem. Willard, D. *2006 North American Conference on Computers and Philosophy.* 2006.

On the Results of a 14-Year Effort to Generalize Gödel's Second Incompleteness Theorem and Explore Its Partial Exceptions. Willard, D. *G¨odel-2006 conference*, at Vienna, Austria. 2006.

The Axiom System IΣ0 Manages to Simultaneously Obey and Evade the Herbrandized Version of the Second Incompleteness Theorem. Willard, D. *Information and Computation*. 2007.

Passive Induction and a Solution to a Paris-Wilkie Open Question. Willard, D. *Annals of Pure and Applied Logic*. 2007.

INFORMATICS FACULTY PUBLICATIONS

Andersen, David F.   (25)

Sterling Revisited: Practical Approaches to Merging Two Systems Thinking Streams. Andersen, David F., et al. *Proceedings of the 22 International Conference of the System Dynamics Society*, at Oxford, England. 2004.

Integrating Modes of Systems Thinking into Strategic Planning Education and Practice: The Thinking Persons' Institute Approach. Andersen, David F., et al. *Journal of Public Affairs Education*. 2006.

Preliminary System Dynamics Maps of the Insider Cyber-threat Problem. Andersen, David F., et al. *22nd International Conference of the System Dynamics Society*, at Oxford, UK. 2004.

Evolution of a Dynamic Theory of Collaboration: Modeling Intergovernmental Use of Technology. Andersen, David F., et al. *Proceedings of the 2002 International System Dynamics Conference*, at Palermo, Italy. 2002.

Modeling Intergovernmental Collaboration: A System Dynamics Approach. Andersen, David F., et al. 2002. In *Paper presented at the Hawaiian International Conference on System Sciences-35*. Hawaii.

Linking Event Thinking with Structural Thinking: Methods to Improve Client Value in Projects. Andersen, David F., et al. *System Dynamics Review*. 2006.

Anatomy of a Group Model Building Intervention: Building Dynamic Theory from Case Study Research. Andersen, David F., et al. *System Dynamics Review*. 2007.

Scripts for Group Model Building: Modeling and Emergence of Governance for Information Integration across Government Agencies. Andersen, David F., et al. *Proceedings of the 22 International Conference of the System Dynamics Society*, at Oxford, England. 2004.

Modeling the Emergence of Insider Threat Vulnerabilities Andersen, David F., et al. *Proceedings of the 2006 Winter Simulation Conference*, at Monterey, CA. 2006.

Using Digest to Implement the Pathway Method for Detecting Influential System Structure. Andersen, David F., et al. *System Dynamics Review*. 2003.

Encyclopedia of Complexity and Systems Science. Andersen, David F., et al. Forthcoming. ed. Springer.

Misattribution in Welfare Dynamics: The Puzzling Dynamics of Recidivism. Andersen, David F., et al. *Proceedings of the 2002 International System Dynamics Conference*, at Palermo, Italy. 2002.

A System Dynamics Choice. Andersen, David F., et al. *Proceedings of the 22 International Conference of the System Dynamics Society*, at Oxford, England. 2004.

Using a System Dynamics-SWM Model to inform Policymaking for Solid Waste Management at the Local Level. Andersen, David F., et al. *Proceedings of the 22 International Conference of the System Dynamics Society*, at Oxford, England. 2004.

Financing a Competitive Recycling Initiative in Switzerland. Andersen, David F., et al. *Ecological Economics*. 2006.

Group Model Building: Problem Structuring, Policy Simulation, and Decision Support. Andersen, David F., et al. *Journal of Operational Research*. 2006.

Testing a generic dynamic theory of interorganizational collaboration in the World Trade Center case. Cresswell, A.M., et al. 2006. In *23rd International System Dynamics Conference*. Nijmegan, Netherlands.

A Dynamic Theory of Collaboration: A Structural Approach to Facilitating Intergovernmental Use of Information Technology. Cresswell, A.M., et al. 2002. In *Hawaiian International Conference on System Sciences (HICSS)*. Hawaii.

Making Smart IT Choices: Understanding Value and Risk in Government IT Investments. Cresswell, A.M., et al. 2004. Albany, NY: Center for Technology in Government.

Emergence of the Governance Structure for Information Integration Across Governmental Agencies: A System Dynamics Approach. Cresswell, A.M., et al. 2007. In *8th International Digital Government Research Conference* Philadelphia, PA.

A Behavioral Theory of Insider-Threat Risks: A System Dynamics Approach. Martinez-Moyano, I.J., et al. *ACM Transactions on Modeling and Computer Simulation*. In press.

OLF-IRMA-AMBASEC Group Modeling Report I, University at Albany. Rich, E., et al. 2006. Albany, NY.

OLF-IRMA-AMBASEC Group Modeling Report II, University at Albany. Rich, E., et al. 2006. Albany, NY.

Simulating Insider Cyber-Threat Risks: A Model-Based Case and a Case-Based Model. Rich, E., et al. *23rd International Conference of the System Dynamics Society*, at Boston, MA. 2005.

Using simulation models to address 'What If' questions about welfare reform. Zagonel, A.A., et al. *Journal of Policy Analysis and Management*. 2004.

Bangert-Drowns, R.L.   (9)

Fostering learning engagement. Bangert-Drowns, R.L. 2003. In *The National Research Center for English Learning and Achievement*.

Literature Review. Bangert-Drowns, R.L. 2005. In *Encyclopedia of Evaluation*, ed. S. Mathison. Thousand Oaks, CA: Sage Publications.

Meta-analysis. Bangert-Drowns, R.L. 2005. In *Encyclopedia of Evaluation*, ed. S. Mathison. Thousand Oaks, CA: Sage Publications.

Measuring students' learning engagement in middle school language arts. Bangert-Drowns, R.L., et al. 2002. In *Annual meeting of the American Educational Research Association*. New Orleans.

A 'teaching hospital' instructional design model: The interplay of case-based and problem-based learning. Bangert-Drowns, R.L., et al. 2007. In *Annual meeting of the American Educational Research Association*. Chicago.

The effects of school-based writing-to-learn interventions on academic achievement: A meta-analysis. Bangert-Drowns, R.L., et al. *Review of Educational Research*. 2004.

Teacher ratings of student engagement with educational software. Bangert-Drowns, R.L., et al. *Educational Technology Research and Development*. 2002.

Innovative Model for Information Assurance Curriculum: A Teaching Hospital. Goel, S., et al. *ACM Journal on Educational Resources in Computing*. 2006.

Highly Rated Science Curriculum and Conceptual Change: Goals, Engagement and Equity. Pyke, C., et al. 2005. In *Annual meeting of the American Psychological Association*. Hawaii.

Calef, M.   (14)

Suppression effectiveness and the natural fire regime in Interior Alaska. Calef, M., et al. *International Journal of Wildland Fire*. Submitted.

Human influence on wildfire in Alaska: a GIS analysis of patterns of human impacts. Calef, M., et al. *Earth Interactions*. Submitted September 2006.

Analysis of vegetation distribution in Interior Alaska and sensitivity to climate change using a logistic regression approach. Calef, M., et al. *Journal of Biogeography*. 2005.

Increasing wildfire in the boreal forest: causes, consequences, and pathways to potential solutions of a wicked problem. Chapin, F.S. III, et al. *Bioscience*. Submitted August, 2007.

The effects of different climate input data sets on simulated carbon dynamics in the Western Arctic. Clein, J.S., et al. *Earth Interactions*. In press.

Detecting changes in arctic plant communities in response to warming over decadal time scales. Epstein, H.E., et al. *Global Change Biology* 2004.

Long-Term Implications of Maintaining Current Fire Management Policies and Practices in Interior Alaska under a Changing Climate. Huntington, H., et al. *Climatic Change*. 2007.

Recent climate-driven increases in vegetation productivity for the Western Arctic: evidence of an acceleration of the Northern terrestrial carbon cycle. Kimball, J.S., et al. *Earth Interactions*. 2007.

Climatically driven loss of calcium in steppe soil as a sink for atmospheric carbon. Lapenis, A.G., et al. *Global Biogeochemical Cycles*. 2007.

The Western Arctic Linkage Experiment (WALE): Overview and synthesis. McGuire, A.D., et al. *Earth Interactions*. Submitted June, 2007.

Factors contributing to the cultural and spatial variability of landscape burning by Native Peoples of Interior Alaska. Natcher, D. C., et al. *Ecology and Society, Special Issue, Crossing Scales and Disciplines to Achieve Forest Sustainability* 2007.

Spatial and temporal heterogeneity of vegetation properties among four tundra plant communities at Ivotuk, Alaska. Riedel, S M., et al. *U.S.A. Arctic, Antarctic and Alpine Research* 2005.

Vulnerability and adaptation to climate related fire impacts in Alaska. Trainor, S.F., et al. *Polar Record*. 2007.

Tundra plant community response to experimental warming: sensitivity in a rapidly changing environment. Walker, M., et al. *PNAS*. 2006.

Chengalur-Smith, I. N.   (8)

Sample-Based Quality Estimation of Information Products in Relational Database Environments. Ballou, D. P., et al. *IEEE Transactions on Knowledge and Data Engineering*. 2006.

Net-enabled Connectivity – Trends and Future Directions". Chengalur-Smith, I. N., et al. Forthcoming. In *Encyclopedia of Networked and Virtual Organizations, Idea Group Reference*, ed. G. D. Putnik and M. M. Cunha.

The information quality of databases. Chengalur-Smith, I. N., et al. 2006. In *Encyclopedia of Database Technologies and Applications* ed. L. C. Rivero, J.H. Doorn and V. E. Ferraggine. Hershey, PA: Idea Group Reference.

10 Rules for Enhancing Business Performance via Vendor Managed Inventory Applications. Duchessi, P., et al. Forthcoming 2007. Communications of the ACM.

The Impact of Experience and Time on the Use of Data Quality Information in Decision Making. Fisher, C. W., et al. *Information Systems Research*. 2003.

Collaborative E-Government: Impediments and Benefits of Information Sharing Projects in the Public Sector. Gil-Garcia, J. Ramon, et al. *European Journal of Information Systems*. Forthcoming 2007.

An Innovative Approach to Security Policy Metric Development: A Foundation for Research in Security Policy Management. Goel, S., et al. *SoftWars*, at Las Vegas, NV. 2005.

Information Quality and Online B2B Relationships. Schurr, P. H., et al. *Journal of Customer Behaviour*. 2002.

Cresswell, A.M.   (37)

Evolution of a Dynamic Theory of Collaboration: Modeling Intergovernmental Use of Technology. Andersen, David F., et al. *Proceedings of the 2002 International System Dynamics Conference*, at Palermo, Italy. 2002.

Modeling Intergovernmental Collaboration: A System Dynamics Approach. Andersen, David F., et al. 2002. In *Paper presented at the Hawaiian International Conference on System Sciences-35*. Hawaii.

Anatomy of a Group Model Building Intervention: Building Dynamic Theory from Case Study Research. Andersen, David F., et al. *System Dynamics Review*. 2007.

Scripts for Group Model Building: Modeling and Emergence of Governance for Information Integration across Government Agencies. Andersen, David F., et al. *Proceedings of the 22 International Conference of the System Dynamics Society*, at Oxford, England. 2004.

Return on Investment in Information Technology: A Guide for Managers. Cresswell, A.M. 2004. Albany, NY: Center for Technology in Government.

Testing a generic dynamic theory of interorganizational collaboration in the World Trade Center case. Cresswell, A.M., et al. 2006. In *23rd International System Dynamics Conference*. Nijmegan, Netherlands.

A Dynamic Theory of Collaboration: A Structural Approach to Facilitating Intergovernmental Use of Information Technology. Cresswell, A.M., et al. 2002. In *Hawaiian International Conference on System Sciences (HICSS)*. Hawaii.

Advancing Return on Investment Analysis for Government IT: A Public Value Framework. Cresswell, A.M., et al. 2006. Albany, NY: Center for Technology in Government.

A Multi-Dimensional Approach to E-government Capability Assessment. Cresswell, A.M., et al. 2005. In *Annual Conference of the Association for Public Policy and Management*. Washington, D.C.

Assessing Mobile Technologies in Child Protective Services. Cresswell, A.M., et al. 2006. Albany: Center for Technology in Government.

The information dimension of education financing decisions: Data needs, users, strategies, and systems. Cresswell, A.M., et al. 2004. In *Educational Finance Research Consortium*. Albany: Univeristy at Albany.

Turning to digital government in a crisis. Cresswell, A.M., et al. 2003. In *National Digital Government Research Conference* Boston, MA.

Learning From Crisis: Lessons in Human and Information Infrastructure from the World Trade Center Response. Cresswell, A.M., et al. *Social Science Computer Review*. 2004.

Opening Gateways: A Practical Guide for Designing Electronic Records Access Programs. Cresswell, A.M., et al. 2002. Albany, NY: Center for Technology in Government.

Making Smart IT Choices: Understanding Value and Risk in Government IT Investments. Cresswell, A.M., et al. 2004. Albany, NY: Center for Technology in Government.

Interorganizational Information Integration in the Criminal Justice Community: Preliminary Lessons from State and County Initiatives. Cresswell, A.M., et al. 2005. In *39th Hawaiian International Conference on System Sciences (HICSS)*. Hawaii.

An Enterprise Application Integration Methodology for E-government. Cresswell, A.M., et al. *Journal of Enterprise Information Management*. 2005.

Modelling Methods for Information Integration: Comparative Cases in e-Government. Cresswell, A.M., et al. 2005. In *eChallenges Conference*. Ljublljana, Slovenia.

Information Systems Development as Emergent Socio-Technical Change: A Practice Approach. Cresswell, A.M., et al. *European Journal of Information Systms*. 2005.

Digital Capability Assessment for eGovernment: A Multi-Dimensional Approach. Cresswell, A.M., et al. 2006. In *5th International EGOV Conference*. Krakow, Poland.

Why Assess Information Sharing Capability? . Cresswell, A.M., et al. 2005. Albany, NY: Center for Technology in Government.

US-European Union collaboration on digital government research: Developing new models. Cresswell, A.M., et al. 2005. In *6th National Conference on Digital Government Research*. Atlanta, GA.

Building State Government Digital Preservation Partnerships: A Capability Assessment and Planning Toolkit. Cresswell, A.M., et al. 2005. Albany, NY: Center for Technology in Government.

Assessing Capability for Justice Information Sharing. Cresswell, A.M., et al. 2007. In *8th International Digital Government Research Conference* Philadelphia, PA.

Emergence of the Governance Structure for Information Integration Across Governmental Agencies: A System Dynamics Approach. Cresswell, A.M., et al. 2007. In *8th International Digital Government Research Conference* Philadelphia, PA.

Trust and Networking: Knowledge Sharing in the Public Sector. Cresswell, A.M., et al. 2002. In *Academy of Management Meeting*.

Trust and Collaboration: Knowledge Sharing in Public Sector IT Innovations. Cresswell, A.M., et al. 2006. In *Knowledge Transfer for eGovernment*, ed. R. Traumuller. Linz, Austria: Trauner Verlag.

The role of knowledge sharing in cross-boundary information sharing. Cresswell, A.M., et al. *Journal of Special Topics in Information Technology and Management*. 2006.

Knowledge Transformation in Developing a Cross-Boundary Knowledge Sharing System. Cresswell, A.M., et al. 2004. In *Academy of Management Meeting*.

The effect of organizational/technological factors and the nature of knowledge on knowledge sharing. Cresswell, A.M., et al. *39th Annual Hawaii International Conference on System Sciences (HICSS)*, at Kauai, HI. 2006.

Participants' expectations and the success of knowledge networking in the public sector. Cresswell, A.M., et al. 2002. In *Proceedings of the 8th America's Conference on Information Systems*. Dallas, TX.

Participants' expectations and the success of knowledge networking in the public sector. Cresswell, A.M., et al. 2004. In *Digital Government: Strategies and Implementations in Developed and Developing Countries*, ed. W. Huang, K. Siau and K. K. Wei. Hershey, PA: Idea Publishing Group.

Designing Electronic Government Information Access Programs: A Holistic Approach. Dawes, S.S., et al. 2003. In *36th Hawaiian International Conference on Systems Sciences (HICSS)*. Hawaii.

Designing Electronic Government Information Access Programs: A Holistic Approach. Dawes, S.S., et al. *Government Information Quarterly*. 2004.

Sharing Justice Information: A Capability Assessment Toolkit," CTG Toolkit. Pardo, T.A., et al. 2005.

Modeling the Social and Technical Processes of Interorganizational Information Integration. Pardo, T.A., et al. 2004. In *37th Hawaiian International Conference on System Sciences (HICSS)*. Hawaii.

Knowledge Sharing in Cross-Boundary Information Systems Development. Pardo, T.A., et al. *Journal of Information Technology and Management*. 2006.

Dawes, S.S.   (36)

Scripts for Group Model Building: Modeling and Emergence of Governance for Information Integration across Government Agencies. Andersen, David F., et al. *Proceedings of the 22 International Conference of the System Dynamics Society*, at Oxford, England. 2004.

Digital Government: E-Government Research, Case Studies, and Implementation. Spring. Chen, H., et al. 2007.

Use of Parcel Data in New York State: A Reconnaissance Study. Cook, Meghan, E., et al. 2005. Albany: Center for Technology in Government.

Bridging the Enterprise: The New York State-Local Internet Gateway Prototype. Cook, M., et al. 2004. Albany: Center for Technology in Government.

The information dimension of education financing decisions: Data needs, users, strategies, and systems. Cresswell, A.M., et al. 2004. In *Educational Finance Research Consortium*. Albany: Univeristy at Albany.

Turning to digital government in a crisis. Cresswell, A.M., et al. 2003. In *National Digital Government Research Conference* Boston, MA.

Learning From Crisis: Lessons in Human and Information Infrastructure from the World Trade Center Response. Cresswell, A.M., et al. *Social Science Computer Review*. 2004.

Opening Gateways: A Practical Guide for Designing Electronic Records Access Programs. Cresswell, A.M., et al. 2002. Albany, NY: Center for Technology in Government.

Making Smart IT Choices: Understanding Value and Risk in Government IT Investments. Cresswell, A.M., et al. 2004. Albany, NY: Center for Technology in Government.

Why Assess Information Sharing Capability? . Cresswell, A.M., et al. 2005. Albany, NY: Center for Technology in Government.

US-European Union collaboration on digital government research: Developing new models. Cresswell, A.M., et al. 2005. In *6th National Conference on Digital Government Research*. Atlanta, GA.

Building State Government Digital Preservation Partnerships: A Capability Assessment and Planning Toolkit. Cresswell, A.M., et al. 2005. Albany, NY: Center for Technology in Government.

The Role of Trust in New Models of collaboration. Dawes, S.S. 2003. Albany: National Science Foundation grant EIA-99832.

Training the IT-Saavy Public Manager: Priorities and Strategies for Public Management Education. Dawes, S.S. *Journal of Public Affairs Education*. 2004.

Collegare l'impressa: il prototipo di internet gateway fra amministrazaione locale e amministrazione statale nello Stato di New York e i suoi insegnamenti. Sicurezza e innovazione: il processodi automazione dello Stato Civile. Dawes, S.S. *Italy: Maggioli S.p.a. Proceedings of Conference on Italian Civil Records ReformItaly:* , at Viterbo, Italy. 2005.

Introduction to Digital Government Research in Public Policy and Management. Dawes, S.S. 2007. In *Digital Government: E-Government Research, Case Studies, and Implementation*, ed. H. Chen and et al.: Springer.

Putting the Results in Broader Perspective. Dawes, S.S. 2007. European Commission Project IST-2004-027139.

Roadmapping eGovernment Research: Visions and Measures towards Innovative Governments in 2020. eGovRTD2020. Dawes, S.S. 2007. ed. i. W. Putting the Results in Broader Perspective, M and Codanogne, C.

Intergovernmental Digital Government: Principles and Strategies for G2G Relationships and Applications. Dawes, S.S., et al. 2006. In *Encyclopedia of Digital Government*: Idea Group.

New Models of Collaboration for Delivering Government Services: A Dyanamic Model Drawn from Multi-National Research. Dawes, S.S., et al. 2007. In *E-Collaboration: An Introduction*, ed. M. Bhattacharya. Hyderabad, India: Icfai University Press.

Making Smart IT Choices: A Handbook. Dawes, S.S., et al. 2005. Albany: Center for Technology in Government.

The New York State Website: Accommodating Diversity through a Distributed Management Structure. Dawes, S.S., et al. 2007. In *Case Studies on Digital Government. Idea Group*, ed. B. Rocheleau.

Digital Government Research: Investigations at the Crossroads of Social and Information Science. Dawes, S.S., et al. *Social Science Computer Review*. 2004.

New York State Information Technology Workforce Skills Assessment: Statewide Survey Results. Dawes, S.S., et al. 2006. Albany.

Building Collaborative Digital Government Systems: Systemic Constraints and Effective Practices. Dawes, S.S., et al. 2002. In *Advances in Digital Government Technology, Human Factors, and Policy*, ed. W. McIver and A. Elmagarmid. New York: Springer.

Critical Issues and Practical Challenges in Building and Sustaining Information Technology Tools for Policy Analysis and Program Evaluation. Dawes, S.S., et al. 2004. In *37th Hawaiian International Conference on System Sciences (HICSS)*. Hawaii.

Maximizing Knowledge for Program Evaluation: Critical Issues and Practical Challenges of ICT Strategies. Dawes, S.S., et al. 2006. In *5th International EGO Conference*. Krakow, Poland.

Designing Electronic Government Information Access Programs: A Holistic Approach. Dawes, S.S., et al. 2003. In *36th Hawaiian International Conference on Systems Sciences (HICSS)*. Hawaii.

Designing Electronic Government Information Access Programs: A Holistic Approach. Dawes, S.S., et al. *Government Information Quarterly*. 2004.

Understanding New Models of Collaboration for Delivering Government Services. Dawes, S.S., et al. *Communications of the ACM*. 2003.

Information, Technology, and Coordination: Lessons from the World Trade Center Response. Dawes, S.S., et al. 2004. Albany: National Science Foundation grant EIA 0221927.

Challenges and strategies for conducting international public management research. Eglene, Ophelia, et al. *Administration and Society*. 2006.

Leadership and authority patterns in public sector knowledge networks. Eglene, Ophelia, et al. *American Review of Public Administration*. 2007.

Modeling the Social and Technical Processes of Interorganizational Information Integration. Pardo, T.A., et al. 2004. In *37th Hawaiian International Conference on System Sciences (HICSS)*. Hawaii.

Expectations and perceptions of benefits, barriers, and success in public sector knowledge networks. Zhang, Jing, et al. *Public Performance and Management Review*. 2006.

Exploring stakeholders' expectations of the benefits and barriers of e-government knowledge sharing. Zhang, Jing, et al. *Journal of Enterprise Information Management*. 2005.

Duchessi, P. (14)

Alignment: The Missing Link in Knowledge Management. Asoh, D., et al. *Proceedings of the Fourth European Conference on Knowledge Management*. 2003.

Knowledge Strategic Alignment: Research Framework, Models, and Concepts. Asoh, D., et al. *Knowledge Management and Business Strategies: Theoretical Frameworks and Empirical Research*. 2007.

Net-enabled Connectivity – Trends and Future Directions". Chengalur-Smith, I. N., et al. Forthcoming. In *Encyclopedia of Networked and Virtual Organizations, Idea Group Reference*, ed. G. D. Putnik and M. M. Cunha.

Building Customer Value-oriented Companies: Defining the Correct Business Direction. Duchessi, P. *Journal of Management Research*. 2002.

Crafting Customer Value: The Art and Science. Duchessi, P. 2002. West Lafayette, IN: Purdue University Press.

10 Rules for Enhancing Business Performance via Vendor Managed Inventory Applications. Duchessi, P., et al. Forthcoming 2007. Communications of the ACM.

Creating Cluster-specific Purchase Profiles from Point-of-Sale Scanner Data and Geodemographic Clusters: Improving Category Management at a Major U.S. Grocery Chain. Duchessi, P., et al. *Journal of Consumer Behavior*. 2004.

Collaborative E-Government: Impediments and Benefits of Information Sharing Projects in the Public Sector. Gil-Garcia, J. Ramon, et al. *European Journal of Information Systems*. Forthcoming 2007.

A Bayesian Belief Network for IT Implementation Decision Support. Lauria, E. J. M., et al. *Decision Support Systems*. 2006.

A Methodology for Developing Bayesian Networks: An Application to Information Technology (IT) Implementation. Lauria, E. J. M., et al. *European Journal of Operational Research*. 2007.

Using Simulation to Explore the Dynamics of Organizational Knowledge. Rich, E., et al. *Proceedings of the 21st International Conference of the System Dynamics Society*. 2003.

Modeling the sustainability of knowledge management programs. Rich, E., et al. *37th Hawaii International Conference on System Sciences*, at Big Island, Hawaii. 2004.

Keeping the Flame Alive: Sustaining a Successful Knowledge Management Program. Rich, E., et al. 2007. In *Case Studies in Knowledge Management*, ed. M. Jennix. Hershey, PA: Idea Group.

Keeping the Flame Alive: Sustaining a Successful Knowledge Management Program. Rich, E., et al. *Case Studies in Knowledge Management*. Forthcoming, 2004.

Faerman, Sue R. (9)

The Paradoxical Nature of Collaboration. Connelly, David R., et al., eds. Forthcoming 2007. Edited by R. O'Leary and L. B. Bingham. Armonk, NY: M. E. Sharpe, Inc.

Knowledge Transformation in Developing a Cross-Boundary Knowledge Sharing System. Cresswell, A.M., et al. 2004. In *Academy of Management Meeting*.

The effect of organizational/technological factors and the nature of knowledge on knowledge sharing. Cresswell, A.M., et al. *39th Annual Hawaii International Conference on System Sciences (HICSS)*, at Kauai, HI. 2006.

Cooperation after War: Development in Bosnia, 1995 to 1999. Martin, Eric C., et al. *Managing Global Transitions*. 2006.

Making Good Board Choices: A Competing Values Approach. Miller, Judith L., et al. *The Nonprofit Quarterly*. 2003.

Becoming a Master Manager: A Competency Framework Quinn, Robert E., et al. 2006. New York: John Wiley & Sons.

Divergent Approaches and Converging Views: Drawing Sensible Linkages between Knowledge Management and Organizational Learning. Zhang, Jing, et al. *Proceedings of the 36th Annual Hawaii International Conference on System Sciences.*, at Hawaii. 2003.

The Nature of Knowledge and Its Influence on Knowledge Sharing Practice: Experiences from Building the MACROS System. Zhang, Jing, et al. *Proceedings of the 37th Annual Hawaii International Conference on System Sciences*, at Hawaii. 2004.

Distributed Leadership in the Development of a Knowledge Sharing System. Zhang, Jing, et al. *European Journal of Information Systems*. Forthcoming 2007.

Fisher, I. E.   (4)

Structuring Accounting Standards for Digital Representation, Storage and Retrieval. Fisher, I. E. *The Journal of Emerging Technologies in Accounting*. 2003.

A Prototype System for the Temporal Reconstruction of Financial Accounting Standards. Fisher, I. E. *International Journal of Accounting Information Systems*. 2007.

New York State Agencies: A Case Study for Analyzing the Process of Legacy System Migration-Part II. Fisher, I. E., et al. *Journal of Information Systems*. 2006.

The Semantics of Change as Revealed Through an Examination of Financial Accounting Standards Amendments. Fisher, I. E., et al. *Journal of Emerging Technologies in Accounting*. 2006.

Gangolly, J. S. (9)

On Formal Modeling of Accounting Information Systems. Gangolly, J. S. *International Conference in Digital Accounting Research*, at Huelva, spain. 2004.

Towards a Computational Theory of Integrity for Accounting Systems: An Exploration, . Gangolly, J. S., et al. *Research Symposium of the Artificial Intelligence & Emerging Technologies Section of the American Accounting Association*. 2003.

Harmonization of the Auditor's Report Gangolly, J. S., et al. *International Journal of Accounting* 2002.

On Lexical Acquisition for the Financial Reporting Domain: Preliminary Results of the Analysis of Year 2000 EDGAR Filings. Gangolly, J. S., et al. *Research Symposium of the Artificial Intelligence/Emerging Technologies Section of the American Accounting Association*. 2002.

Model For Trust Among Peers in Electronic Multiparty Transactions. Goel, S., et al. 2003. In *2003 AMCIS Conference*.

On Decision Support for Distributed Systems Protection: A Perspective Based on the Human Immune Response System and Epidemiology. Goel, S., et al. *International Journal on Information Management*. 2006.

Innovative Model for Information Assurance Curriculum: A Teaching Hospital. Goel, S., et al. *ACM Journal on Educational Resources in Computing*. 2006.

Structure-Based Resilience Metrics for Service-Oriented Networks. Rosenkrantz, D., et al. *5th European Dependable Computing Conference*, at Budapest, Hungary. 2005.

On the Design of an XML-Schema Based Application for Business Reporting: An XBRL Schema. Tam, K., et al. *International Journal of Digital Accounting Research*. 2003.

Goel, S.   (32)

Botnets: The Anatomy of a Case. Baykal, A., et al. *4th Annual Security Conference*, at Las Vegas, NV. 2005.

An Active Model-Based Prototype for Predictive Network Management. Bush, S. F., et al. *IEEE Journal on Selected Areas in Communications, Special Issue on Recent Advances in Managing Enterprise Network Services*. 2005.

Graph Spectra of Carbon Nanotube Networks. Bush, S. F., et al. *Proceedings of the First International Conference on Nano-Networks*, at Lausanne, Switzerland. 2006.

Innovative Model for Simplifying Information Security Risk Analysis. Goel, S. *Working Together: R&D Partnerships in Homeland Security, a R&D Partnering Conference Sponsored by the Department of Homeland Security*, at Boston, MA. 2005.

Blueprint of a Security Glossary: A Common Language for Creating International Security Policies. Goel, S. *Advanced Research Workshop: A Process for Developing a Common Vocabulary in the Information*, at Lomonosov University Russia. 2006.

A Risk Analysis Model to Predict Financial Loss Due to Cyber Attacks. Goel, S., et al. *Symposium on Risk Management and Cyber-Informatics* at Orlando, FL. 2005.

Improving Intrusion Detection: Analyzing the Payload in Network Traffic. Goel, S., et al. *5th Annual Security Conference*, at Las Vegas, NV. 2006.

Botnets: The Anatomy of a Case. Goel, S., et al. *Journal of Information Systems Security (JISSEC)* 2006.

Botnets: The Anatomy of a Case. Goel, S., et al. 2007. In *Principles of IS Security: Text and Cases*, ed. G. Dhillon. Hoboken, NJ: J. Wiley & Sons.

A Resilient Network that Can Operate Under Duress: To Support Communication between Government Agencies during Crisis Situations. Goel, S., et al. 2004. In *Hawaii International Conference on System Sciences*. Big Island, HW.

Measuring the Impact of Security Breaches on Stock Valuations of Firms. Goel, S., et al. 2007. In *6th Annual Security Conference*. Las Vegas, NV.

Complexity and the Performance of Investment Portfolios. Goel, S., et al. *Advances in Investment Analysis and Portfolio Management*. 2007.

Kolmogorov Complexity Estimates for Detection of Viruses in Biologically Inspired Security Systems: A Comparison with Traditional Approaches. Goel, S., et al. *Wiley Interscience Complexity Journal* 2003.

Information Security Risk Analysis - A Matrix-Based Approach. Goel, S., et al. *Information Resource Management Association (IRMA) International Conference*, at San Diego, CA. 2005.

Managing Risks in Business Process Reengineering: A Case Study at General Electric Wind Energy. Goel, S., et al. *Fourth Workshop on e-Business (WeB 2005)*, at Las Vegas, NV. 2005.

An Innovative Approach to Security Policy Metric Development: A Foundation for Research in Security Policy Management. Goel, S., et al. *SoftWars*, at Las Vegas, NV. 2005.

RFID: Risks to the Supply Chain. Goel, S., et al. *Proceedings of the Information Resource Management Association (IRMA) International Conference*, at Washington, D.C. 2006.

Model For Trust Among Peers in Electronic Multiparty Transactions. Goel, S., et al. 2003. In *2003 AMCIS Conference*.

On Decision Support for Distributed Systems Protection: A Perspective Based on the Human Immune Response System and Epidemiology. Goel, S., et al. *International Journal on Information Management*. 2006.

Distribution of Patches within Vulnerable Systems: A Distributed Model. Systems, Man and Cybernetics (SMC). Goel, S., et al. *the Sixth Annual IEEE Information Assurance Workshop, USMA*, at West Point, NY. 2005.

Innovative Model for Information Assurance Curriculum: A Teaching Hospital. Goel, S., et al. *Information Resource Management Association (IRMA) International Conference*, at San Diego, CA. 2005.

Information Security Risk Analysis: A Pedagogic Model Based on a Teaching Hospital. Goel, S., et al. 2006. In *Tools for Teaching Computer Networking and Hardware Concepts*, ed. N. Sarkar. Hershey, PA: Information Science Publishing.

Innovative Model for Information Assurance Curriculum: A Teaching Hospital. Goel, S., et al. *ACM Journal on Educational Resources in Computing*. 2006.

Managing Information Security: Demystifying the Audit Process for Security Officers. Goel, S., et al. *Journal on Information Systems Security (JISSEC)*. 2007.

Trust and Security in Enterprise Grid Computing Environment. Goel, S., et al. *IASTED Conference on Communication, Network, and Information Security (CNIS 2003)*, at New York City. 2003.

Constrained Optimization Using Cellular Automata. Goel, S., et al. *10th AIAA/ISSMO Multidisciplinary Analysis and Optimization Conference*, at Albany, NY. 2004.

Service-Based P2P Overlay Network for Collaborative Problem Solving. Goel, S., et al. *Decision Support Systems*. 2007.

Preliminary Design Using Distributed Service-Based Computing. Goel, S., et al. *12th ISPE International Conference on Concurrent Engineering: Research and Applications,*, at Fort Worth/Dallas, TX. 2005.

Modeling a Computer Virus Epidemic. Lessner, L., et al. *American Statistical Association Joint Statistical Meetings*. 2005.

Structure-Based Resilience Metrics for Service-Oriented Networks. Rosenkrantz, D., et al. *5th European Dependable Computing Conference*, at Budapest, Hungary. 2005.

On the Design of an XML-Schema Based Application for Business Reporting: An XBRL Schema. Tam, K., et al. *International Journal of Digital Accounting Research*. 2003.

Mobile Computing and Communications:Systems, Models and Applications. Tayi, G. K., et al. *Information Systems Frontiers: A Journal of Research and Innovation*. 2005.

Guney, S.   (12)

Understanding who we are by seeing what we could have done but did not: A discourse-analytical look into organizational identity and sensemaking. . Guney, S.

Discursive construction of collective identity between collaborating organizations. Guney, S. 2005. In *Annual meeting of the National Communication Association*. Boston, MA.

The interplay between theory and method: Complex adaptive systems and ethnography. Guney, S. 2005. In *Annual meeting of the International Communication Association*. New York, New York.

Making sense of a conflict as the (missing) link between collaborating actors. Guney, S. 2005. In *Annual meeting of the International Communication Association*. New York, New York.

A case for complex representation of complex action in organizational research. Paper presented at the annual meeting of the Academy of Management. Guney, S. 2006. In *Annual meeting of the Academy of Management*. Atlanta, Georgia.

A dynamic structure for interorganizational collaboration: Organizational identity-in-practice. Guney, S. 2006. In *Annual meeting of the National Communication Association*. Antonio, TX.

An ethnographic case study of building organizational identity in "building the box. Guney, S., et al.

Managing complexity in technology development: Planning as an act of improvisation. Guney, S., et al. *Third Annual IBM Austin Center for Advanced Studies Conference*, at Austin, TX. 2002.

Coping with complexity in the management of technology development. Guney, S., et al. *Fourth Annual IBM Austin Center for Advanced Studies Conference*, at Austin, TX. 2003.

Plans, organizational identity, and mediating spaces in inter-organizational relations. Guney, S., et al. 2004. In *Third International Conference on Systems Thinking in Management*. Philadelphia, Pennsylvania.

Representation of collaborative action in organizational texts—Mission impossible? Guney, S., et al.

Immutable mobiles and organizational communication research. Taylor, J., et al. 2006. In *Annual meeting of the International Communication Association*. Dresden, Germany.

Harrison, T. (17)

Searching with continuous query exploration. Adali, S., et al. *DG.03, National Conference on Digital Government Research*, at Digital Government Research Center. 2003.

Connected Kids: Community information system design and development. Adali, S., et al. *DG.02K: Proceedings of the Second National Conference on Digital Government Research* at Marina Del Rey, CA. 2002.

Electronic mail. Harrison, T. 2003. In *Encyclopedia of International Communications and Media*, ed. D. Johnston. San Diego: Elsevier.

Cyberkids: Children in the Information Age. Harrison, T. *Information, Communication, and Society*. 2004.

Frameworks for the study of writing in organizational contexts. Harrison, T. 2004. In *Central Works in Technical Communication*, ed. J. Johnson-Eilolo and S. Selber. London: Oxford University Press.

Project Highlights: Connected Kids: Designing Database Software for Web-based Information Dissemination to Multiple Audiences. Harrison, T., et al. *dg.o2004 Proceedings of the National Conference of Digital Government Research* at Digital Government Research Center. 2004.

Learning about interoperability for emergency response: Geographic information technologies and the World Trade Center crisis. Harrison, T., et al. *39th Hawaii International Conference on System Sciences*, at Hawaii. 2006.

Geographic information technologies, structuration theory, and the World Trade Center crisis. Harrison, T., et al. *Journal of the American Society for Information Science and Technology*. In press.

Methodological and theoretical frameworks for the design of community information systems. Harrison, T., et al. *Journal of Computer-Mediated Communication*. 2003.

Building sustainable community information systems: Lessons from a digital government project. Harrison, T., et al. *DG2005, the 6th National Conference on Digital Government Research*, at Digital Government Research Center. 2005.

Building community information systems: The Connected Kids case. Harrison, T., et al. *Computer*. 2005.

Transforming new communication technologies into community media. Harrison, T., et al. 2002. In *Community media in the information age: Perspectives and prospects*, ed. N. W. Jankowski and O. Prehm. Cresskill, NJ: Hampton Press.

Intensive disciplinarity in electronic services for research and education: Building systems responsive to intellectual tradition and scholarly culture. Stephen, T., et al. *Journal of Electronic Publishing*. 2002.

Interpersonal communication styles of political candidates: Predicting winning and losing candidates in three U.S. presidential elections. Stephen, T., et al. 2004. In *Candidate Images*, ed. K. Hacker. Lanham, MD: Rowman and Littlefield.

Pattern discussion: Collaborative design of community information systems. Zappen, J., et al. *Community Technology Review*. 2002.

Intention and motive in information-system design: Toward a theory and method for assessing users' needs. Zappen, J.P., et al. 2005. In *Digital Cities 3: Information Technologies for Social Capital. Lecture Notes in Computer Science*, ed. P. v. d. Besselaar and S. Koizumi. Berlin: Springer-Verlag.

Designing a collaborative community information system. Zappen, J.P., et al. *Shaping the network society: Patterns for participation, action, and change. Proceedings of the Directions and Implications of Advanced Computing Symposium in association with the National Communication Association Task Force on the Digital Divide* at Palo Alto, CA. 2002.

Henderson, F.M.   (1)

Evaluation of SAR-Optical Imagery Synthesis techniques in a Complex Coastal Ecosystem. Henderson, F.M., et al. *Photogrammetric Engineering and Remote Sensing*. 2002.

Knuth, K.H.   (31)

Trial-by-trial estimation of amplitude and latency variability in neuronal spike trains. Bollimunta, A., et al. *J Neurosci Methods*. 2007.

Stochastic modeling of neurobiological time series: power, coherence, Granger causality, and separation of evoked responses from ongoing activity. Chen, Y., et al. *Chaos*. 2006.

Coping with trial-to-trial variability of event-related signals: A Bayesian approach. Ding, M., et al. *13 European Signal Processing Conference (EUSIPCO 2005)*, at Antalya, Turkey. 2005.

Automatic derivation of statistical data analysis algorithms: Planetary nebulae and beyond. Fischer, B., et al. *Bayesian Inference and Maximum Entropy Methods in Science and Engineering, Jackson Hole WY 2003, AIP Conference Proceedings 707, American Institute of Physics*, at Melville, NY. 2003.

Neuroinformatics for neurophysiology: The role, design, and use of databases. Gardner, D., et al. 2003. In *Databasing the Brain*, ed. S. H. Koslow and S. Subramaniam. New York: Wiley.

Initial results from the USNO dispersed Fourier Transform spectrograph. Hajian, A.R., et al. *APJ*. 2007.

An atlas of [N II] and [O III] images and spectra of planetary nebulae. Hajian, A.R., et al. *Astrophys. J., Suppl. Ser*. 2007.

Discovering planetary nebula geometries: Explorations with a hierarchy of models. Huyser, K.A., et al. *Bayesian Inference and Maximum Entropy Methods in Science and Engineering, Garching, Germany 2004, AIP Conference Proceedings 735, American Institute of Physics*, at Melville, NY. 2004.

What is a question? Knuth, K.H. *Bayesian Inference and Maximum Entropy Methods in Science and Engineering, Moscow ID 2002, AIP Conference Proceedings 659, American Institute of Physics*, at Melville, NY. 2002.

Deriving laws from ordering relations. Knuth, K.H. *Bayesian Inference and Maximum Entropy Methods in Science and Engineering, Jackson Hole WY 2003, AIP Conference Proceedings 707, American Institute of Physics,*, at Melville, NY. 2003.

Intelligent machines in the 21st century: Automating the processes of inference and inquiry. Knuth, K.H. *Phil. Trans. Roy. Soc. Lond. A*. 2003.

Measuring questions: Relevance and its relation to entropy. Knuth, K.H. *Bayesian Inference and Maximum Entropy Methods in Science and Engineering, Garching, Germany 2004, AIP Conference Proceedings 735, American Institute of Physics*, at Melville, NY. 2004.

Bayesian Inference and Maximum Entropy Methods in Science and Engineering. Knuth, K.H. *San José, California, USA, AIP Conference Proceedings 803, American Institute of Physics*, at Melville, NY. 2005.

Informed source separation: A Bayesian tutorial. Knuth, K.H. 2005. In *13th European Signal Processing Conference (EUSIPCO 2005)*. Antalya, Turkey.

Lattice duality: The origin of probability and entropy. Knuth, K.H. *Neurocomputing*. 2005.

Valuations on lattices and their application to information theory. Knuth, K.H. 2006. In *2006 IEEE World Congress on Computational Intelligence (IEEE WCCI 2006)*. Vancouver, BC, Canada.

Valuations on lattices: fuzzification and its implications. Knuth, K.H. 2007. In *Computational Intelligence Based on Lattice Theory*, ed. V. Kaburlasos. Heidelberg, Germany: Springer-Verlag.

Identifying excessively rounded or truncated data. Knuth, K.H., et al. 2006. In *17th meeting of The International Association for Statistical Computing European Regional Section: Computational Statistics (COMPSTAT 2006)*. Florence, Italy.

Revealing relationships among relevant climate variables with information theory. Knuth, K.H., et al. *Proceedings of the Earth-Sun System Technology Conference (ESTC 2005)*, at Adelphi, MD. 2005.

Hierarchies of models: toward understanding planetary nebulae. Knuth, K.H., et al. *ayesian Inference and Maximum Entropy Methods in Science and Engineering, Moscow ID 2002, AIP Conference Proceedings 659, American Institute of Physics*, at Melville, NY. 2002.

Differentially variable component analysis (dVCA): Identifying multiple evoked components using trial-to-trial variability. Knuth, K.H., et al. *Journal of Neurophysiology*. 2006.

An oscillatory hierarchy controlling neuronal excitability and stimulus processing in the auditory cortex. Lakatos, P., et al. *J Neurophysiol.* 2005.

Motion correction in MRI using an apparatus for dynamic angular position tracking (ADAPT). Peshkovsky, A., et al. *Magn Reson Med*. 2003.

Hippocampal structural asymmetry in unsuccessful psychopaths. Raine, A., et al. *Biol. Psychiatry*. 2004.

Neural dynamics and the fundamental mechanisms of event-related brain potentials. Shah, A.S., et al. *Cerebral Cortex*. 2004.

Lessons from applying differentially variable component analysis (dVCA) to electroencephalographic activity. Shah, A.S., et al. *Bayesian Inference and Maximum Entropy Methods in Science and Engineering, Jackson Hole WY 2003, AIP Conference Proceedings 707, American Institute of Physics,*, at Melville, NY. 2003.

A Bayesian approach to estimating coupling between neural components: evaluation of the multiple component event related potential (mcERP) algorithm. Shah, A.S., et al. *Bayesian Inference and Maximum Entropy Methods in Science and Engineering, Moscow ID 2002, AIP Conference Proceedings 659, American Institute of Physics*, at Melville, NY. 2002.

Neuropsychological correlates of hippocampus volumes in first-episode schizophrenia. Szeszko, P.R., et al. *American Journal of Psychiatry*. 2002.

Variability of cortical evoked responses: implications for the analysis of functional connectivity. Truccolo, W.A., et al. *Clinical Neurophysiol.* 2002.

Estimation of single-trial multi-component ERPs: Differentially variable component analysis. Truccolo, W.A., et al. *Biol. Cybern.* 2003.

Gesture based control and EMG decomposition. Wheeler, K.R., et al. *IEEE Trans Sys, Man, and Cybernetics*. 2006.

Koslowski, R. (14)

Human Migration and the Conceptualization of Pre-modern World Politics. Koslowski, R. *International Studies Quarterly*. 2002.

Challenges of International Cooperation in a World of Increasing Dual Nationality. Koslowski, R. 2003. In *Rights and Duties of Dual Nationals: Evolution and Prospects* ed. K. Hailbronner and D. Martin: Kluwer Law Publishers.

Possible Steps Towards an International Regime for Mobility and Security. Koslowski, R. *Research Paper Series of the Global Commission on International Migration: Global Migration Perspectives*. 2004.

Slavery, Trafficking and Smuggling: A Comment on 'The New Global Slave Trade. Koslowski, R. 2004. In *Displacement, Asylum, Migration: Oxford Amnesty Lectures 2004*, ed. K. E. Tunstall: Oxford University Press.

International Migration and the Globalization of Domestic Politics: A Conceptual Framework. Koslowski, R. 2005. In *International Migration and the Globalization of Domestic Politics* ed. R. Koslowski: Routledge.

The Mobility Money Can Buy: Human Smuggling and Border Control in the EU. Koslowski, R. 2005. In *The Migration Reader: Exploring Politics and Policies*, ed. A. M. Messina and G. Lahav. Boulder, CO: Lynne Reinner Publishers.

Real Challenges for Virtual Borders: The Implementation of US-VISIT Koslowski, R. 2005. Washington, D.C.: Migration Policy Institute.

Smart Borders, Virtual Borders or No Borders: Homeland Security Choices for the United States and Canada. Koslowski, R. *Law and Business Review of the Americas*. 2005.

Border and Transportation Security in the Transatlantic Relationship," Anja Dalgaard-Nielsen and Daniel Hamilton. Koslowski, R. 2006. In *Transatlantic Homeland Security? Protecting Society in the Age of Catastrophic Terrorism*, ed. A. Dalgaard-Nielsen and D. Hamilton: Routledge.

Immigration Reforms and Border Security Technologies. Koslowski, R. 2006. In *Border Battles: The U.S. Immigration Debates*: New York: Social Science Research Council.

Towards an International Regime for Mobility and Security? Koslowski, R. 2006. In *Transnational Approaches to Reforming Migration Regimes* ed. K. Tamas and J. Palme: Ashgate.

Secure Interoperation for Effective Data Mining in Border Control and Homeland Security Applications. Koslowski, R., et al. *ACM International Conference Proceeding Series; Proceedings of the 2006 International Conference on Digital Government Research*. 2006.

Agency Interoperation for Effective Data Mining in Border Control and Homeland Security Applications. Koslowski, R., et al. *Proceedings of the 2005 national conference on Digital government research, Association of Computing Machinery (ACM) International Conference Proceeding Series*. 2005.

Practicing Democracy Transnationally. Koslowski, R., et al. 2002. In *Political Space: The Frontiers of Change and Governance in a Globalizing World* ed. Y. Ferguson and B. Jones. Albany:

State University of New York at Albany Press.

Lawson, Catherine T. (8)

A Public University as City Planner and Developer: Experience in the "Capital of Good Planning. Bunnell, Gene, et al. *Journal of Planning, Practice, and Research*. 2006.

Do attributes in the physical environment influence children's physical activity? Davison, Kristen, K., et al. *International Journal of Behavioral Nutrition and Physical Activity*. 2006.

Children's Active Commuting to School: Current Knowledge and Future Directions. Davison, Kristen, K., et al. *Preventing Chronic Disease*. Forthcoming.

Citizen Participation: Freight Community-Style. Lawson, Catherine T. *Journal of Transportation Research Forum*. 2003.

Freight Informatics: 21st Century Data Just-In-Time. Lawson, Catherine T. *ITE Journal*. 2004.

A New Form of Urban Technology to Serve Transportation Planning: Microsimulation – Miracle or Mirage. Lawson, Catherine T. *Journal of Urban Technology*. 2006.

Ferry Transport: The Realm of Responsibility for Disasters in Developing Countries. Lawson, Catherine T., et al. *Journal of Public Transportation*. 2005.

Ferry Systems: Planning for the Revitalization of U.S. Cities. Weisbrod, Roberta E., et al. *Journal of Urban Technology*. 2003.

Meising, P. (3)

How Important Are Stakeholder Relationships? Alexander, C.S., et al. *Academy of Strategic Management Journal*. 2005.

An Empirical Taxonomy of SOE Governance in Transitional China. Meising, P., et al. *Journal of Management and Governance*. 2006.

Towards a Model of Effective Knowledge Transfer Within Transnationals: The Case of Chinese Foreign Invested Enterprises. Meising, P., et al. *Journal of Technology*. 2007.

Mohan, L. (3)

IT is Thriving in Yugoslavia: Case Study of Delta Holding. Mohan, L., et al. *2003 IRMA International Conference*, at Philadelphia, PA. 2003.

Business Continuity Management in Banks - The Indian Experience. Rai, S., et al. *Journal of Internet Banking and Commerce*. 2006.

Business Continuity Model: A Reality Check for Banks in India. Rai, S., et al. *Journal of Internet Banking and Commerce*. 2007.

Mower, J.E. (2)

Implementing an Augmented Scene Delivery System. Mower, J.E. *Computational Science-ICCS 2002*, at Amsterdam. 2002.

Electronic Map Labeling. Mower, J.E. 2007. In *NaLIX: A Generic Natural Language Search Environment for XML Data*. Chicago: University of Chicago Press.

Naccarato, T. (10)

Child and family welfare policies and services: Current issues and historical antecedents. Briar-Lawson, K., et al. In press.

Family services. Encyclopedia of social work Briar-Lawson, K., et al. In press. In *Encyclopedia of social work (20th ed.)*. New York: Oxford University Press.

The meaning and measurement of client engagement in youth residential treatment. Cunningham, S., et al. *Research on Social Work Practice*. Under review.

Independent living assessments of foster Youth: A comprehensiv review. DeLorenzo, E., et al. *The Journal of Public Child Welfare*. Under review.

Educational goal advancement of foster youth and the independent living skills program. Naccarato, T.

Foster care youth: A special population for qualitative inquiry. Naccarato, T. In press. In *A handbook of qualitative research (2nd ed)*, ed. R. Miller. New York: Columbia University Press.

Teaching research methods to social workers in the United States. Naccarato, T. In press. In *Social work and social work education abroad: A comparative analysis*, ed. V. Fokine and R. Toseland. Moscow: Russian Academy of Education and National Association of Schools of Social Work.

Independent living skills program research: Practice implications from a systematic review. Naccarato, T., et al.

It's not my fault: Acceptance of responsibility as a component of engagement. Peterson, D., et al.

Telephone groups for older persons and family caregivers. Toseland, R., et al. *Clinical Gerontologist*. In press.

Pardo, T.A.   (51)

Evolution of a Dynamic Theory of Collaboration: Modeling Intergovernmental Use of Technology. Andersen, David F., et al. *Proceedings of the 2002 International System Dynamics Conference*, at Palermo, Italy. 2002.

Modeling Intergovernmental Collaboration: A System Dynamics Approach. Andersen, David F., et al. 2002. In *Paper presented at the Hawaiian International Conference on System Sciences-35*. Hawaii.

Anatomy of a Group Model Building Intervention: Building Dynamic Theory from Case Study Research. Andersen, David F., et al. *System Dynamics Review*. 2007.

Scripts for Group Model Building: Modeling and Emergence of Governance for Information Integration across Government Agencies. Andersen, David F., et al. *Proceedings of the 22 International Conference of the System Dynamics Society*, at Oxford, England. 2004.

A Dynamic Theory of Collaboration: A Structural Approach to Facilitating Intergovernmental Use of Information Technology. Cresswell, A.M., et al. 2002. In *Hawaiian International Conference on System Sciences (HICSS)*. Hawaii.

Advancing Return on Investment Analysis for Government IT: A Public Value Framework. Cresswell, A.M., et al. 2006. Albany, NY: Center for Technology in Government.

A Multi-Dimensional Approach to E-government Capability Assessment. Cresswell, A.M., et al. 2005. In *Annual Conference of the Association for Public Policy and Management*. Washington, D.C.

Opening Gateways: A Practical Guide for Designing Electronic Records Access Programs. Cresswell, A.M., et al. 2002. Albany, NY: Center for Technology in Government.

Making Smart IT Choices: Understanding Value and Risk in Government IT Investments. Cresswell, A.M., et al. 2004. Albany, NY: Center for Technology in Government.

Interorganizational Information Integration in the Criminal Justice Community: Preliminary Lessons from State and County Initiatives. Cresswell, A.M., et al. 2005. In *39th Hawaiian International Conference on System Sciences (HICSS)*. Hawaii.

Digital Capability Assessment for eGovernment: A Multi-Dimensional Approach. Cresswell, A.M., et al. 2006. In *5th International EGOV Conference*. Krakow, Poland.

Why Assess Information Sharing Capability? . Cresswell, A.M., et al. 2005. Albany, NY: Center for Technology in Government.

US-European Union collaboration on digital government research: Developing new models. Cresswell, A.M., et al. 2005. In *6th National Conference on Digital Government Research*. Atlanta, GA.

Building State Government Digital Preservation Partnerships: A Capability Assessment and Planning Toolkit. Cresswell, A.M., et al. 2005. Albany, NY: Center for Technology in Government.

Assessing Capability for Justice Information Sharing. Cresswell, A.M., et al. 2007. In *8th International Digital Government Research Conference* Philadelphia, PA.

Emergence of the Governance Structure for Information Integration Across Governmental Agencies: A System Dynamics Approach. Cresswell, A.M., et al. 2007. In *8th International Digital Government Research Conference* Philadelphia, PA.

Trust and Networking: Knowledge Sharing in the Public Sector. Cresswell, A.M., et al. 2002. In *Academy of Management Meeting*.

Trust and Collaboration: Knowledge Sharing in Public Sector IT Innovations. Cresswell, A.M., et al. 2006. In *Knowledge Transfer for eGovernment*, ed. R. Traumuller. Linz, Austria: Trauner Verlag.

The role of knowledge sharing in cross-boundary information sharing. Cresswell, A.M., et al. *Journal of Special Topics in Information Technology and Management*. 2006.

Research in Digital Government Realm. Cushing, J., et al. *IEEE Computer*. 2005.

Building Collaborative Digital Government Systems: Systemic Constraints and Effective Practices. Dawes, S. S., et al. 2002. In *Advances in Digital Government Technology, Human Factors, and Policy*, ed. W. McIver and A. Elmagarmid. New York: Springer.

Critical Issues and Practical Challenges in Building and Sustaining Information Technology Tools for Policy Analysis and Program Evaluation. Dawes, S. S., et al. 2004. In *37th Hawaiian International Conference on System Sciences (HICSS)*. Hawaii.

Maximizing Knowledge for Program Evaluation: Critical Issues and Practical Challenges of ICT Strategies. Dawes, S. S., et al. 2006. In *5th International EGO Conference*. Krakow, Poland.

Designing Electronic Government Information Access Programs: A Holistic Approach. Dawes, S. S., et al. 2003. In *36th Hawaiian International Conference on Systems Sciences (HICSS)*. Hawaii.

Designing Electronic Government Information Access Programs: A Holistic Approach. Dawes, S. S., et al. *Government Information Quarterly*. 2004.

Invigorating E-Government through Emergent Technologies: XML as a Website Management Tool. Gil-Garcia, J.R., et al. *International Journal of Electronic Governance*. Forthcoming.

Multi-Method Approaches to Digital Government Research: Value Lessons and Implementation Challenges. Gil-Garcia, J.R., et al. 2006. In *39th Hawaiian International Conference on System Sciences (HICSS)*. Hawaii.

eGovernment Success Factors: Mapping Practical Tools to Theoretical Foundations. Gil-Garcia, J.R., et al. *Government Information Quarterly*. 2005.

Understanding Context through a Comprehensive Prototyping Experience: A Testbed Research Strategy for Emerging Technologies. Gil-Garcia, J.R., et al. 2007. In *40th Hawaiian International Conference on System Sciences (HICSS)*. Hawaii.

Learning about interoperability for emergency response: Geographic information technologies and the World Trade Center crisis. Harrison, T., et al. *39th Hawaii International Conference on System Sciences*, at Hawaii. 2006.

Geographic information technologies, structuration theory, and the World Trade Center crisis. Harrison, T., et al. *Journal of the American Society for Information Science and Technology*. In press.

Building a State Government Digital Preservation Community: Lessons on Interorganizational Collaboration. Kwon, H., et al. 2006. In *7th International Digital Government Research Conference*. San Diego, CA.

Bureau of Shelter Services. Luna-Reyes, L.F., et al. Forthcoming. In *Case Studies on Digital Government*, ed. B. Rocheleau. Hershey, PA: Idea Group Publishing.

Cautious Optimism: Reflection Upon Compstat's True Ability to Transform Law Enforcement Organizations. O'Connell, P.J., et al. *Law Enforcement Executive Forum*. 2004.

Making a Case for Local Egovernment, CTG Project Report. Pardo, T.A.

Finding Our Future: A Research Agenda for the Research Enterprise," CTG Project Report. Pardo, T.A. 2002.

Building a Business Case for E-Government. Pardo, T.A. 2004. In *Egovernment Transformation Best Practices*, ed. P. D. Fletcher: Macromedia.

Creating Growth Capacity: A New Information Management Framework," CTG Business Analysis Report. Pardo, T.A. 2005.

A Performance Measurement Framework for Balancing Growth and Public Safety: Town of Bethlehem," CTG Project Report. Pardo, T.A. 2006.

Preserving State Government Digital Information: A Baseline Report," CTG Project Report. Pardo, T.A. 2006.

ROI Case Study Series: Service New Brunswick," CTG Case Study. Pardo, T.A. 2006.

Setting the Stage for an Electronic Health Record: A Business Analysis for the New York State Department of Corrections," CTG Project Report. Pardo, T.A. 2006.

Sharing Justice Information: A Capability Assessment Toolkit," CTG Toolkit. Pardo, T.A., et al. 2005.

Modeling the Social and Technical Processes of Interorganizational Information Integration. Pardo, T.A., et al. 2004. In *37th Hawaiian International Conference on System Sciences (HICSS)*. Hawaii.

Understanding the Complexity of E-Government: Multi-method Approaches to Social Phenomena. Pardo, T.A., et al. 2005. In *American Society for Public Administration Conference*. Milwaukee, WI.

Understanding the Complexity of E-Government: Multi-method Approaches to Social Phenomena. Pardo, T.A., et al. *International Journal on Computers, Systems and Signals*. Forthcoming.

Building Response Capacity Through Cross-Boundary Information Sharing: The Critical Role of Trust. Pardo, T.A., et al. 2006. In *EChallenges Conference*. Barcelona, Spain.

Interorganizational Information Integration: A Key Enabler for Digital Government. Pardo, T.A., et al. *Government Information Quarterly*. 2006.

Knowledge Sharing in Cross-Boundary Information Systems Development. Pardo, T.A., et al. *Journal of Information Technology and Management*. 2006.

Walking Atop the Cliffs: Avoiding Failure and Reducing Risk in Large Scale E-Government Projects. Scholl, H. J., et al. 2002. In *35th Hawaiian International Conference on System Sciences (HICSS)*. Hawaii.

MACROS: A Case Study of Knowledge Sharing System Development Within New York State Government Agencies. Zhang, J., et al. 2005. In *Annals of Cases on Information Technology*, ed. M. Khosrow-Pour. Hershey, PA: Idea Publishing Group.

Powers, J. Goodall   (3)

Changing Interorganizational Culture: A Case Study for Trust and Power in an Interorganizational Network. Powers, J. Goodall. 2005. In *Fifth International Conference on Knowledge, Culture and Change in Organisations*. Rhodes, Greece.

Homeless Information Management System: A Case Study of Information Sharing Among Government Agencies and Homeless Service Providers in New York State. Powers, J. Goodall. 2005. In *2005 IRMA International Conference*.

A Model of Problem-Based Learning Higher Education Curricula: Creating Learning Pathways. Stefl-Mabry, J., et al. 2005. In *Twelfth International Conference on Learning*. Granada, Spain.

Rich, E.   (23)

Preliminary System Dynamics Maps of the Insider Cyber-threat Problem. Andersen, David F., et al. *22nd International Conference of the System Dynamics Society*, at Oxford, UK. 2004.

Modeling the Emergence of Insider Threat Vulnerabilities Andersen, David F., et al. *Proceedings of the 2006 Winter Simulation Conference*, at Monterey, CA. 2006.

Encyclopedia of Complexity and Systems Science. Andersen, David F., et al. Forthcoming. ed. Springer.

Helping Prevent Information Security Risks in the Transition to Integrated Operations. Gonzalez, J. J., et al. *Telektronikk*. 2005.

CHECKIT-A Program to Measure and Improve Information Security and Safety Culture. Johnsen, S. O, et al. *International Journal of Performability Engineering*. 2007.

Integrating judgment and outcome decomposition: Exploring outcome-based learning dynamics. Martinez-Moyano, I.J., et al. *24th International Conference of the System Dynamics Society*, at Nijmegen, The Netherlands. 2006.

Exploring the Detection Process: Integrating Judgment and Outcome Decomposition. Martinez-Moyano, I.J., et al. *Lecture Notes in Computer Science*. 2006.

A Behavioral Theory of Insider-Threat Risks: A System Dynamics Approach. Martinez-Moyano, I.J., et al. *ACM Transactions on Modeling and Computer Simulation*. In press.

An emerging perspective on the dynamics of insider cyber-threats. Rich, E. 2004. In *4th Annual Mathematics and Security of Information Technologies Conference*. Moscow.

E-ZPass Electronic Data Collection Right for Ohio? Rich, E. *Journal of Cases in Information Technology*. 2006.

E-ZPass and the Ohio Turnpike: Adoption and Integration of Electronic Toll Collection. Rich, E. *Journal of Cases in Information Technology*. Forthcoming.

OLF-IRMA-AMBASEC Group Modeling Report I, University at Albany. Rich, E., et al. 2006. Albany, NY.

OLF-IRMA-AMBASEC Group Modeling Report II, University at Albany. Rich, E., et al. 2006. Albany, NY.

Insider Threats: Raising the profile and managing the risks. Rich, E., et al. 2005. In *DHS Research and Development Partnerships in Homeland Security Conference*. Boston, MA.

Using Simulation to Explore the Dynamics of Organizational Knowledge. Rich, E., et al. *Proceedings of the 21st International Conference of the System Dynamics Society*. 2003.

Modeling the sustainability of knowledge management programs. Rich, E., et al. *37th Hawaii International Conference on System Sciences*, at Big Island, Hawaii. 2004.

Keeping the Flame Alive: Sustaining a Successful Knowledge Management Program. Rich, E., et al. 2007. In *Case Studies in Knowledge Management*, ed. M. Jennix. Hershey, PA: Idea Group.

Keeping the Flame Alive: Sustaining a Successful Knowledge Management Program. Rich, E., et al. *Case Studies in Knowledge Management*. Forthcoming, 2004.

Maintaining Security and Safety in High-threat E-operations Transitions. Rich, E., et al. *39th Hawaii International Conference on System Sciences*, at Kauai, Hawaii. 2006.

Simulating Insider Cyber-Threat Risks: A Model-Based Case and a Case-Based Model. Rich, E., et al. *23rd International Conference of the System Dynamics Society*, at Boston, MA. 2005.

Emergent Vulnerability in Integrated Operations: A Proactive Simulation Study of Risk and Organizational Learning. Rich, E., et al. *40th Hawaii International Conference on System Sciences*, at Big Island, Hawaii. 2007.

Toward Viable Information Secutiry Reporting Systems. Sveen, F.O, et al. *Information and Computer Security*. Forthcoming.

IS Research and Practice: Two Separate Worlds or One Community of Practice in Disguise? Zhao, K., et al. *Communicaions of the AIS*. 2007.

Richardson, George P.   (18)

Integrating Modes of Systems Thinking into Strategic Planning Education and Practice: The Thinking Persons' Institute Approach. Andersen, David F., et al. *Journal of Public Affairs Education*. 2006.

Evolution of a Dynamic Theory of Collaboration: Modeling Intergovernmental Use of Technology. Andersen, David F., et al. *Proceedings of the 2002 International System Dynamics Conference*, at Palermo, Italy. 2002.

Modeling Intergovernmental Collaboration: A System Dynamics Approach. Andersen, David F., et al. 2002. In *Paper presented at the Hawaiian International Conference on System Sciences-35*. Hawaii.

Anatomy of a Group Model Building Intervention: Building Dynamic Theory from Case Study Research. Andersen, David F., et al. *System Dynamics Review*. 2007.

Scripts for Group Model Building: Modeling and Emergence of Governance for Information Integration across Government Agencies. Andersen, David F., et al. *Proceedings of the 22 International Conference of the System Dynamics Society*, at Oxford, England. 2004.

Using Digest to Implement the Pathway Method for Detecting Influential System Structure. Andersen, David F., et al. *System Dynamics Review*. 2003.

Misattribution in Welfare Dynamics: The Puzzling Dynamics of Recidivism. Andersen, David F., et al. *Proceedings of the 2002 International System Dynamics Conference*, at Palermo, Italy. 2002.

A System Dynamics Choice. Andersen, David F., et al. *Proceedings of the 22 International Conference of the System Dynamics Society*, at Oxford, England. 2004.

Using a System Dynamics-SWM Model to inform Policymaking for Solid Waste Management at the Local Level. Andersen, David F., et al. *Proceedings of the 22 International Conference of the System Dynamics Society*, at Oxford, England. 2004.

Financing a Competitive Recycling Initiative in Switzerland. Andersen, David F., et al. *Ecological Economics*. 2006.

Group Model Building: Problem Structuring, Policy Simulation, and Decision Support. Andersen, David F., et al. *Journal of Operational Research*. 2006.

A Dynamic Theory of Collaboration: A Structural Approach to Facilitating Intergovernmental Use of Information Technology. Cresswell, A.M., et al. 2002. In *Hawaiian International Conference on System Sciences (HICSS)*. Hawaii.

Emergence of the Governance Structure for Information Integration Across Governmental Agencies: A System Dynamics Approach. Cresswell, A.M., et al. 2007. In *8th International Digital Government Research Conference* Philadelphia, PA.

OLF-IRMA-AMBASEC Group Modeling Report I, University at Albany. Rich, E., et al. 2006. Albany, NY.

OLF-IRMA-AMBASEC Group Modeling Report II, University at Albany. Rich, E., et al. 2006. Albany, NY.

How to Anticipate Change in Tobacco Control Systems. Richardson, George P. 2007. In *Greater Than the Sum: Systems Thinking in Tobacco Control*, ed. A. Best, P. I. Clark, S. J. Leischow and W. M. K. Trochim: National Cencer Institute, U.S. Department of Health and Human Services, National Institutes of Health.

Spatial and temporal heterogeneity of vegetation properties among four tundra plant communities at Ivotuk, Alaska. Riedel, S M., et al. *U.S.A. Arctic, Antarctic and Alpine Research* 2005.

Using simulation models to address 'What If' questions about welfare reform. Zagonel, A.A., et al. *Journal of Policy Analysis and Management*. 2004.

Shea, P. (23)

Student satisfaction with asynchronous learning. Dziuban, C., et al. *Journal of Asynchronous Learning Networks*. 2007.

Technology-enhanced education and millennial students in higher education. Dziuban, C., et al. Accepted for publication. Metropolitan Universities.

Faculty roles and satisfaction in Asynchronous Learning Networks. Dziuban, C., et al. 2005. In *Learning Together Online: Research on Asynchronous Learning Networks*, ed. R. Hiltz and R. Goldman. Mahwah, NJ: Lawrence Erlbaum.

Qualitative methods for describing learning in ALNs. Goldman, R., et al. 2005. In *Learning Together Online: Research on Asynchronous Learning Networks*, ed. R. Hiltz and R. Goldman. Mahwah, NJ: Lawrence Erlbaum.

ALN Research: What we know and what we need to know about contextual influences. Hiltz, R., et al. 2004. In *Elements of Quality Online Education*. Needham, MA: SCOLE.

Faculty Motivators and de-motivators for teaching online: Results of focus group interviews at one university. Hiltz, R., et al. *Fortieth Annual Hawaii International Conference on System Sciences*, at Hawaii. 2007.

The student in the online classroom. Hiltz, R., et al. 2005. In *Learning Together Online: Research on Asynchronous Learning Networks*, ed. R. Hiltz and R. Goldman. Mahwah, NJ: Lawrence Erlbaum.

Using focus groups to study ALN faculty motivation. Hiltz, R., et al. *Journal of Asynchronous Learning Networks*. 2007.

Adoption of the multimedia educational resource for learning and online teaching (MERLOT) among higher education faculty: Evidence from the State University of New York Learning Network. Shea, P. *Journal of Online Teaching*. 2006.

A study of students' sense of learning community in online environments. Shea, P. *Journal of Asynchronous Learning Networks*. 2006.

Bridges and barriers to teaching online college courses: A study of experienced online faculty at 36 colleges. Shea, P. *Journal of Asynchronous Learning Networks*. 2007.

A conceptual framework for blended learning. Shea, P. 2007. In *Blended Learning: A Research Perspective*, ed. C. Dziuban and A. Picciano. Wellsley, MA: SCOLE.

Online teaching: Why do they bother? Shea, P. *2007 Computer Assisted Learning Conference*. 2007.

A Preliminary Investigation of Teaching Presence in the SUNY Learning Network Shea, P., et al. 2003. In *Quality Studies: Online Education Practice and Direction*, ed. Sloan-C. Needham, MA: Sloan-C.

A comparative study of "teaching presence" and student sense of learning community in online and classroom environments. Shea, P., et al. *The Internet and Higher Education*. 2006.

Increasing access to higher education: A study of the diffusion of online teaching among 913 college faculty. Shea, P., et al. *International Review of Research in Open and Distance Learning*. 2005.

Developing learning community in online asynchronous learning networks. Shea, P., et al. *Journal of Asynchronous Learning Networks*. 2005.

Online teaching as a catalyst for classroom-based instructional transformation. Shea, P., et al. 2002. In *Elements of Quality Online Education,*. Needham, MA: SCOLE.

A follow-up investigation of teaching presence in the SUNY Learning Network. Shea, P., et al. *Journal of Asynchronous Learning Networks*. 2003.

Student satisfaction and reported learning in the SUNY Learning Network. Shea, P., et al. 2002. In *Elements of Quality Online Education*. Needham, NA: SCOLE.

Teaching Presence and Establishment of Community in Online Learning Environments. Shea, P., et al. 2005. In *Elements of Quality Online Education: Engaging Communities, Wisdom from the Sloan Consortium, Volume 2 in the Wisdom Series*, ed. C. Moore. Needham, MA: Sloan-C.

Social presence and the development of virtual learning communities. Swan, K., et al. 2005. In *Learning Together Online: Research on Asynchronous Learning Networks*, ed. R. Hiltz and R. Goldman. Mahwah, NJ: Lawrence Erlbaum.

The Successful Distance Learning Student. Williams, B., et al. 2002. Belmont, CA: Wadsworth.

Stamatel, Janet P. (4)

Project on Human Development in Chicago Neighborhoods (PHDCN). Marz, Kaye I., et al. *ICPSR Bulletin* 2005.

Changes in Crime and Criminal Justice in Post-Socialist Central Eastern Europe. Stamatel, Janet P. 2002. In *Encyclopedia of Crime & Punishment*, ed. D. Levison. Thousand Oaks, CA: Sage.

Incorporating Socio-Historical Context and Temporal Variation into Quantitative Cross-National Criminology. Stamatel, Janet P. *International Journal of Comparative and Applied Criminal Justice*. 2006.

Using Mortality Data to Refine Our Understanding of Homicide Patterns in Select Post-Communist Countries. Stamatel, Janet P. *Homicide Studies*. In press.

Stromer-Galley, J. (10)

The digital dollhouse: Context And social norms in The Sims Online. Games & Culture. Measuring deliberation's content: A coding scheme. Martey, R.M., et al. *Journal of Public Deliberation*. In press.

New voices in the public sphere: A comparative analysis of interpersonal and online political talk. Stromer-Galley, J. *Javnost – The Public*. 2002.

Diversity and political conversations on the Internet: User's Perspectives. Stromer-Galley, J. *Journal of Computer-Mediat4ed Communication*. 2003.

Voting and the public sphere: Conversations on voting over the Internet. Stromer-Galley, J. *PS: Political Science and Politics*. 2003.

Will Internet Voting Increase Turnout? . Stromer-Galley, J. 2003. In *Society Online: The Internet in Context*, ed. P. Howard and S. Jones. Thousand Oaks, CA: Sage.

Interactivity as process and interactivity as product. Stromer-Galley, J. *The Information Society*. 2004.

Joy and sorrow of interactivity on the campaign trail: Blogs in the primary campaign of Howard Dean. Stromer-Galley, J., et al. 2006. In *The internet election: Perspectives on the Web in campaign 2004*, ed. A. Williams and J. C. Tedesco. Latham, MD: Rowman & Littlefield.

Citizens perceptions of online interactivity and implications for political campaign communication. Stromer-Galley, J., et al. *Journal of Computer Mediated Communication*. 2002.

Coherence in CMC: Comparing topics in chat. Stromer-Galley, J., et al. Accepted for publication. In *The Pragmatics of CMC*, ed. S. Herring, D. Stein and T. Virtanen. Amsterdam: John Benjamins.

Gaming pink: Gender and structure in The Sims Online. Stromer-Galley, J., et al. 2006. In *Digital media: Transformation in human Communication*, ed. P. Messaris and L. Humphreys. New York: Peter Lang Publishing.

Tam, K. (11)

Foreign exchange risk and firm value: An analysis of U.S. pharmaceutical firms. Chan, et al. *Managerial Finance*. 2002.

Harmonization of the Auditor's Report Gangolly, J. S., et al. *International Journal of Accounting* 2002.

On Lexical Acquisition for the Financial Reporting Domain: Preliminary Results of the Analysis of Year 2000 EDGAR Filings. Gangolly, J. S., et al. *Research Symposium of the Artificial Intelligence/Emerging Technologies Section of the American Accounting Association*. 2002.

Enterprise extension through extensible markup language. Hussein, et al. *International Journal of Digital Accounting Research*. 2002.

A neural network approach to compare predictive value of accounting versus market data. Kim, E., et al. *Journal of Intelligent Inforamtion Systems*. 2004.

The usefulness of derivatives-related accounting disclosures. Seow, et al. *Review of Quantitative Finance and Accounting*. 2002.

An XML schema design framework to simplify financial statement validation. Tam, K. *International Journal of Digital Accounting Research*. 2003.

Understanding investment expertise and factors that influence the information processing and performance of investment experts. Tam, K., et al. *Advances in Accounting Behavioral Research*. 2006.

On the Design of an XML-Schema Based Application for Business Reporting: An XBRL Schema. Tam, K., et al. *International Journal of Digital Accounting Research*. 2003.

Pilgrims Manufacturing, Inc.: Activity-based costing versus volume-based costing. Tam, K., et al. *Issues in Accounting Education*. 2004.

Timeliness and transaction management in extended enterprises. Tam, K., et al. *International Journal of Business Information Systems*. 2007.

Tayi, G. K. (11)

Information, Technology, and Coordination: Lessons from the World Trade Center Response. Dawes, S. S., et al. 2004. Albany: National Science Foundation grant EIA 0221927.

Design of Free Software Samples: A Game Theoretic Approach. Faugere, C., et al. *Information Technology Management*. Forthcoming.

Interorganizational Information Integration: A Key Enabler for Digital Government. Pardo, T.A., et al. *Government Information Quarterly*. 2006.

Approximation Algorithms for Facility Dispersion. Ravi, S. S., et al. 2007. In *Approximation Algorithms and Metaheuristics*, ed. T. l. Gonzalez, Chapman and Hall. Boca Raton, FL: Taylor & Francis Group.

Obtaining Online Approximation for Facility Dispersion from O_ine Algorithms. Rosenkrantz, D. J., et al. *Networks*. 2006.

Online Dispersion is no Harder to Approximate than Offline Dispersion. Rosenkrantz, D. J., et al. *Networks*. 2006.

Just in Time or Just in Case? An Explanatory Model with Informational and Incentive Effects. Srinidhi, Bin, et al. *Journal of Manufacturing Technology Management*. 2004.

Mobile Computing and Communications:Systems, Models and Applications. Tayi, G. K., et al. *Information Systems Frontiers: A Journal of Research and Innovation*. 2005.

Communication Networks: Design and Management. Tayi, G. K., et al. *Information Technology Management*. 2003.

Local Base Station Assignment with Time Intervals in Mobile Computing Environments. Tayi, G. K., et al. *European Journal on Operational Research*. 2004.

A Synthesizing Framework for Technology and Content Choices for Information Exchange. Tayi, G. K., et al. *Information Technology Management*. 2006.

INFORMATION STUDIES FACULTY PUBLICATIONS

Andersen, Deborah Lines   (18)

Benchmarks: Academic Historians Revisited. Andersen, Deborah Lines. *Journal of the Association for History and Computing*. 2003.

Benchmarks: Controlling Digital Data. Andersen, Deborah Lines. *Journal of the Association for History and Computing*. 2003.

Digital Scholarship in the Tenure, Promotion, and Review Process. Andersen, Deborah Lines. 2003. Armonk, NY: M. E. Sharpe.

Selling a Public Good: The Case of Rechartering Public Libraries by Referendum in New York State. Andersen, Deborah Lines. *Public Library Quarterly* 2003.

Administering Public Libraries in a Digital World: Stakeholders and Services. Andersen, Deborah Lines. *Journal of County Adminisration*. 2004.

Benchmarks: Open Forums. Andersen, Deborah Lines. *Journal of the Association for History and Computing*. 2004.

Benchmarks: The Google Library. Andersen, Deborah Lines. *Journal of the Association for History and Computing*. 2004.

Benchmarks: Transformations. Andersen, Deborah Lines. *Journal of the Association for History and Computing*. 2004.

Financing Public Libraries: An International View of Funding Possibilities. Andersen, Deborah Lines. *Journal of County Adminisration*. 2004.

Library as Living Space: How Glasgow, Scotland Defines Its Public Libraries. Andersen, Deborah Lines. *JLAMS (Journal of the Library Administration and Management Section of the New York Library Association*. 2004.

Benchmarks: Maps of the World. Andersen, Deborah Lines. *Journal of the Association for History and Computing*. 2005.

Communicating Information Across Cultures: Understanding How Others work." In Motivating Science: Science Communication from a Philosophical, Educational and Cultural Perspective. Andersen, Deborah Lines, ed. 2005. Edited by N. Sanitt. Luton, England: The Pantaneto Press.

Benchmarks: Google as Information Policy Case Study. Andersen, Deborah Lines. *Journal of the Association for History and Computing*. 2006.

Benchmarks: The New (?) Information Professionals. Andersen, Deborah Lines. *Journal of the Association for History and Computing*. 2006.

Benchmarks: Historical Narratives and Diversity. Andersen, Deborah Lines. *Journal of the Association for History and Computing*. 2007.

Benchmarks: Testing the Persistence of URLs. Andersen, Deborah Lines. *Journal of the Association for History and Computing*. 2007.

Collecting and Analyzing Qualitative Data for System Dynamics: Methods and Models. Andersen, Deborah Lines, et al. *System Dynamics Review* 2003.

Homeschoolers at the Public Library: Are Library Services and Policies Keeping Pace? Andersen, Deborah Lines, et al. *Journals of the Library Administration and Management Section of the New York Library Association*. 2007.

Eppard, P.   (11)

Findings on the Preservation of Authentic Electronic Records. Eppard, P. 2002. Final Report to the National Historical Publications and Records Commission (Grants # 99-073 and #2001-005). U.S.-InterPARES Project.

Archival Literature-Old and New. Eppard, P. *American Archivist*. 2003.

Enriching Our Archival Literature. Eppard, P. *American Archivist*. 2004.

Judging a Book by Its Cover. Eppard, P. *American Archivist*. 2004.

Archives and Libraries. Eppard, P. 2005. In *The Encyclopedia of New York State*, ed. P. Eisenstadt. Syracuse, NY: Syracuse University Press.

George Monteiro and the Building Blocks of Scholarship. Eppard, P. 2005. In *The Discreet Charm of a Portuguese-American Scholar*, ed. O. T. Almeida and A. R. Clemente. Providence, R.I.: Gavea-Brown.

The Long-term Preservation of Authentic Electronic Records: Findings of the InterPARES Project. Eppard, P. 2005. In *Appraisal Task Force Report and model*, ed. L. Duranti. San Miniato, Italy: Archilab.

Making an Impact on the Archival Profession. Eppard, P. *American Archivist* 2005.

The President Speaks. Eppard, P. *American Archivist*. 2005.

InterPARES 2 Project. Eppard, P. 2007.

Exploring Perspectives and Themes for Histories of Records and Archives. Eppard, P., et al. 2005. In *The First International Conference on the History of Records and Archives (I- CHORA)*.

Iyer, H. (13)

The CORC and Metadata. Iyer, H. *National Seminar on Cataloging of Digital Resources*, at Bangalore. 2002.

Some Patterns of Information Presentation, Organization and Indexing for Communication Across Cultures and Faiths. Iyer, H. *Challenges in Knowledge Representation or the 21st Century, Integration of Knowledge Across Boundaries, Proceedings of the Seventh ISKO Conference*, at Granada, Spain. 2002.

The WordNet as a Vocabulary Management Tool for Indexing Language. Iyer, H. *Proceedings of the First International WordNet Conference*, at Mysore: CIIL. 2002.

The WordNet as an Auxiliary Resource to Search Visual Image Database in Architecture. Iyer, H. *Challenges in Knowledge Representation for the 21st Century, Integration of Knowledge Across Boundaries, Proceedings of the Seventh ISKO Conference*, at Granada, Spain. 2002.

Distance Learning: Information Access and Services for Virtual Users. Iyer, H. 2003. New York: Haworth Press.

Information Organization to Assist Knowledge Discovery with Special Reference to Non-Bibliographic Databases. Iyer, H. *Cataloging and Classification Quarterly*. 2003.

Web-based Instructional Technology in an Information Science Classroom. Iyer, H. *Journal of Education for Library and Information Science*. 2003.

WordNet and Keyword Searching in Art and Architectural Image Database. Iyer, H. *VRA Bulletin*. 2003.

Core Competencies Required for VR Professionals: Job Description Analysis. Iyer, H. 2006. In *ARLIS 34th Annual Conference in Banff*. Alberta, Canada.

Migration and Preservation of Variable Media Resources: Evolving Issues Session. Iyer, H. 2006. In *Museum Computer Network (MCN) 2005 Conference: DIGITS FUGIT: Preserving Knowledge for the Future*.

Prioritization Strategies of Key Frames in Video Storyboards. Iyer, H., et al. *The Journal of the American Society for Information Science and Technology*. 2002-7.

Evaluation of CORC: Limitations of Metadata. Iyer, H., et al. *Information Studies*. 2002.

Theories of cognition and image categorization: What category labels reveal about basic level theory. Rorissa, A., et al. *Journal of the American Society for Information Science and Technology*. Submitted.

Maxwell, T.A. (29)

Leaving Welfare, Post-TANF Experiences of New York State Families. Maxwell, T.A. 2002. Rockefeller Institute.

Too Much to Carry: Copyright in the Digital Environment. Maxwell, T.A. *35th Annual Hawaii International Conferences on System Sciences*, at Hawaii. 2002.

Fostering Social Equity and Economic Opportunity Through Citizen Participation. Maxwell, T.A. 2003. Intergovernmental Solution Program for National League of Cities.

Homeland Security and Information Control: A Model of Asymmetric Information Flows. Maxwell, T.A. *American Society of Information Science and Technology*, at Long Beach. 2003.

The Public Need to Know: Emergencies, Government Organizations, and Public Information Policies. Maxwell, T.A. *Government Information Quarterly*. 2003.

Scholars, Digital Intellectual Property, and the New Economics of Publication and Preservation. Maxwell, T.A. 2003. In *Scholarly Publishing in the New Millennium*, ed. Andersen.

Toward a Model of Information Policy Analysis: Speech as an Illustrative Example. Maxwell, T.A. *First Monday*. 2003.

West Nile Virus Case Study. Maxwell, T.A. 2003. Intergovernmental Solution Program.

Is Copyright Necessary. Maxwell, T.A. *First Monday*. 2004.

Mapping Information Policy Frames: The Politics of the Digital Millennium Copyright Act. Maxwell, T.A. *The Journal of the American Society of Information Science and Technology*. 2004.

An Overview of U.S. Privacy Legislation. Maxwell, T.A. 2004. INTERPARES.

Tracing the Path of Information Policy: Evidence Based Policy Analysis. Maxwell, T.A. *26th Annual Research Conference, Association for Public Policy Analysis and Management*, at Atlanta. 2004.

Universities, Information Ownership, and Knowledge Communities. Maxwell, T.A. *Journal of the Association for History and Computing*. 2004.

Constructing Consensus: Homeland Security as a Symbol of Government Politics and Administration. Maxwell, T.A. *Government Information Quarterly*. 2005.

Information Policy, Data Mining, and Homeland Security: False Positives and Unidentified Negatives. Maxwell, T.A. *38th Annual Hawaii International Conferences on System Sciences*, at Hawaii. 2005.

Praising the Public Domain. Maxwell, T.A. *The Journal of the American Society of Information Science and Technology*. 2005.

A Conceptual Model of Archives Information Policy. Maxwell, T.A. 2006.

IT Management Trends in New York State Government. Maxwell, T.A. 2006.

The Dynamics of Bilateral Intellectual Property Negotiations: Taiwan and the United States. Maxwell, T.A. *Government Information Quarterly*. 2007.

The Internet and the Public Domain. Maxwell, T.A. *First Monday*. 2007.

Welfare Diversion in New York State. Maxwell, T.A., et al. 2003. Rockefeller Institute.

A Synergistic Alternative to Readers' Advisory Services: Managing Customer Knowledge. Maxwell, T.A., et al. *6th International Conference on Library and Information Science*. 2007.

Homeland Security: An Intergovernmental Challenge. Maxwell, T.A., et al. 2002. Intergovernmental Solution Program.

Barn Raising in the Intergovernmental Zone: Building a Collaborative Information System from the Ground Up. Maxwell, T.A., et al. 2003. Intergovernmental Solution Program.

Municipal Leaders Talk About Governing New York's Communities. Maxwell, T.A., et al. 2006. Intergovernmental Solutions Program.

OSC Divisional Transition Project, Findings Report: Round 2. Maxwell, T.A., et al. 2007. Intergovernmental Studies Program.

Government, Business and Civic Leaders Talk About Governing New York's Communities. Maxwell, T.A., et al. 2005.

A System Dynamics Model of Bilateral Intellectual Property Negotiations. Maxwell, T.A., et al. *The 25th International Conference of the System Dynamics Society*, at Boston, MA. 2007.

The Digital Divide: An Integrative Approach. Maxwell, T.A., et al. *2003 International System Dynamics Conference*, at New York. 2003.

Rorissa, A. (6)

Benchmarking visual information indexing and retrieval systems. Rorissa, A. *Benchmarking visual information indexing and retrieval systems*. 2007.

Relationships between perceived features and similarity of images: A test of Tversky's Contrast Model. Rorissa, A. *Journal of the American Society for Information Science and Technology*. 2007.

Exploring the relationship between feature and perceptual visual spaces. Rorissa, A., et al. *Journal of the American Society for Information Science and Technology*. Submitted.

Free sorting of images: Attributes used for categorization. Rorissa, A., et al. *67th Annual Meeting of the American Society for Information Science and Technology* 2004.

Theories of cognition and image categorization: What category labels reveal about basic level theory. Rorissa, A., et al. *Journal of the American Society for Information Science and Technology*. Submitted.

Human Information Behavior Research Clearinghouse: Interaction framework for a new digital library [Poster abstract]. Schamber, L., et al. *Fourth International Conference on Conceptions of Library and Information Science*. 2002.

Stefl-Mabry, J. (21)

Information Realities: Shaping the Digital Future for All. Grove, A., et al. *The American Society for Information Science & Technology (ASIS&T)*, at Austin, Texas. 2006.

Multiple Views--Student Learning and ICT Use Both In-School and Outside. Radlick, M., et al. *National Education Computing Conference (NECC*, at San Diego, CA. 2006.

Portals: Peril, Promise, Potential. Evidence-based Practice and School Library Media Programs. Stefl-Mabry, J. *Treasure Mountain Research Retreat #11*, at Kansas City, MO. 2003.

A Social Judgment Analysis of Information Source Preference Profiles: An Exploratory Study Empirically Illustrating Media Selection Patterns. Stefl-Mabry, J. *Journal of the American Society for Information Science and Technology*. 2003.

Building Rubrics into Powerful Learning Assissment Tools. Stefl-Mabry, J. *Knowledge Quest, Journal of the American Association of School Librarians*. 2004.

Learning Made Real: Collaborative Work, Shared Assessment. Stefl-Mabry, J. *Knowledge Quest, Journal of the American Association of School Librarians*. 2004.

Computer-Aided Reading Promotion: Accelerated Reading—Silent Sustained Reading Camouflaged in a Computer Program? The Best of ERIC American Association of School Librarians. Stefl-Mabry, J. *School Library Media Research*. 2005.

The Reality of Media Preferences--Do Professional Groups Vary in Awareness? Stefl-Mabry, J. *Journal of the American Society for Information Science and Technology*. 2005.

Redefining Schools as Learning Organizations: A Model or Trans-Generational Teaching and Learning. Stefl-Mabry, J., et al. *International Journal of Teaching and Learning in Higher Education*. 2007.

Collaborative Problem-Based Learning: University & K-12 Partnerships. Stefl-Mabry, J., et al. *Knowledge Quest, Journal of the American Association of School Librarians*. 2005.

Theory-Supported Problem-Based Cognitive Partnerships Spanning 3rd Grade to Higher Education: A Case Study. Stefl-Mabry, J., et al. *ED-MEDIA 2005 World Conference on Educational Multimedia, Hypermedia & Telecommunications*, at Montreal, CA. 2005.

A Model of Problem-Based Learning in Higher Education Curricula: Creating Learning Pathways. Stefl-Mabry, J., et al. *International Journal of Learning*. 2006.

Creating and Sustaining Problem-Based Partnerships Among Graduate, Undergraduate, and K-12 Learners: Opportunities and Challenges. Stefl-Mabry, J., et al. *Journal of Educational Technology Systems*. 2005-2006.

A Teaching Hospital Approach to Graduate Course Design and Implementation: Authentic Project-Based Curricula and School Library Media Graduate Students: A Case Study. Stefl-Mabry, J., et al. *ED-MEDIA 2004 World Conference on Educational Multimedia, Hypermedia & Telecommunications,*, at Lugano, Switzerland. 2004.

Knowledge Communities: Bringing the Village into the Classroom. Scarecrow Press. Stefl-Mabry, J., et al. *This monograph combines research across several disciplines and presents an argument for school reform based on community and collaborative learning highlighting the School Library Media Specialist as the K-12 information professional*. 2006.

A Model of Problem-Based Learning Higher Education Curricula: Creating Learning Pathways. Stefl-Mabry, J., et al. 2005. In *Twelfth International Conference on Learning*. Granada, Spain.

Examining Design Threads: Issues in Web Design Across Student Populations (SIG HCI). In Sparking Synergies: Bringing Research and Practice Together. Stefl-Mabry, J., et al. *American Society for Information Science & Technology (ASIS&T) 2005 Annual Meeting*, at Charlotte, NC. 2005.

Examining Data from Multiple Perspectives: A Gestalt Approach to Library Information Science & Educational Research. Stefl-Mabry, J., et al. *Treasure Mountain Research Retreat #12*, at Philadelphia, PA. 2005.

Redefining Schools as Learning Organizations: A Model for Trans-Generational Teaching and Learning. Stefl-Mabry, J., et al. *Society for Information Technology and Teacher Education (SITE) 2006*, at Orlando, Fl. 2006.

Complexity of Necessity: Capturing the Role Technology Plays in Youth's Interconnected, Media-Drive Worlds through a Mixed Methods Approach. Theroux, P., et al. *American Educational Research Association (AERA) Conference* at San Francisco, CA. 2006.

Student Learning & Technology Usage Now What? Interpreting the Instructional, Technological, and Societal Aspects of Technology in the Classroom and Beyond. Theroux, P., et al. *American Educational Research Association (AERA) Conference*, at San Francisco, CA. 2006.

Uzuner, O.   (17)

Three Approaches to Automatic Assignment of ICD-9-CM Codes to Radiology Reports. Goldstein, I., et al. *Fall Symposium of the American Medical Informatics Association*, at Washington, D.C. 2007.

Answering Multiple Questions on a Topic from Heterogeneous Resources. Katz, B., et al. *Thirteenth Text REtrieval Conference (TREC 2004)*, at Gaithersburg, MD. 2004.

Better Public Policy through Natural Language Information Access. Katz, B., et al. *National Conference on Digital Government Research*, at Boston, MA. 2003.

External Knowledge Sources for Question Answering. Katz, B., et al. *14th Annual Text Retrieval Conference*, at Gaithersburg, MD. 2005.

Lexical Chains and Sliding Locality Windows in Content-based Text Similarity Detection. Nahnsen, T., et al. *Second International Joint Conference on Natural Language Processing (IJCNLP-05)*, at Jeju Island, Korea. 2005.

Syntactically-Informed Semantic Category Recognizer for Discharge Summaries. Sibanda, T., et al. *Fall Symposium of the American Medical Informatics Association*, at Washington, D.C. 2006.

Using Syntactic Information to Identify Plagiarism. Uzuner, O. *Association for Computational Linguistics Workshop on Educational Applications (ACL 2005)*, at Ann Arbor, MI. 2005.

Content and Expression-Based Copy Recognition for Intellectual Property Protection. Uzuner, O., et al. *Third ACM Workshop on Digital Rights Management (DRM'03)*, at Washington, D.C. 2003.

Digital Fingerprinting for Distribution Volume Tracking: Intellectual Property Protection in Wireless Grids. Uzuner, O., et al. *International Conference on Computer, Communication and Control Technologies (CCCT '03)/Ninth International Conference on Information Systems Analysis and Synthesis (ISAS '03)*, at Orlando, FL. 2003.

Using Empirical Methods for Evaluating Expression and Content Similarity. Uzuner, O., et al. *Thirty-seventh Hawaiian International Conference on System Sciences (HICSS-37)*, at Hawaii, HI. 2004.

Policy Implications of Copyright Infringement Detection Systems". Uzuner, O., et al. *Seventh International Conference on Technology Policy and Innovation*, at Monterey, Mexico. 2003.

Identifying Patient Smoking Status from Medical Discharge Records. Uzuner, O., et al. *Journal of American Medical Informatics Association*. 2007.

Capturing Expression Using Linguistic Information. Uzuner, O., et al. *Twentieth National Conference on Artificial Intelligence (AAAI-05)*, at Pittsburgh, PA. 2005.

A Comparative Study of Language Models for Book and Author Recognition. Uzuner, O., et al. *Lecture Notes in Computer Science*. 2005.

Style vs. Expression in Literary Narratives. Uzuner, O., et al. *Twenty Eighth Annual International ACM SIGIR Conference (SIGIR 2005) Workshop on Using Stylistic Analysis of Text for Information Access*, at Salvador, Brazil. 2005.

Evaluating the State-of-the-Art in Automatic De-identification. Uzuner, O., et al. *Journal of American Medical Informatics Association*. 2007.

i2b2 Workshop on Natural Language Processing Challenges for Clinical Records. Uzuner, O., et al. *Fall Symposium of the American Medical Informatics Association*, at Washington, D.C. 2006.

Yang, H.   (4)

Enabling Domain-Awareness for a Generic Natural Language Interface. Li, Y., et al. *Twenty-Second AAAI Conference on Artificial Intelligence* 2007.

NaLIX: A Generic Natural Language Search Environment for XML Data. Li, Y., et al. *ACM Transaction on Database Systems*. In Press.

Multiple Perspectives for Collaborative Navigation in CVE. Yang, H. *ACM CHI'2002 Conference on Human Factors in Computing Systems Extended Abstracts*. 2002.

Exploring Collaborative Navigation: the Effect of Perspectives on Group Performance. Yang, H., et al. *ACM CVE'2002 Conference on Collaborative Virtual Environment*. 2002.

Yuan, X.-J.   (9)

Rutgers Information Interaction Lab at TREC 2005: Trying HARD. Belkin, N.J., et al. *TREC 2004, Fourteenth Text Retrieval Conference*, at Washington, D.C. 2006.

Query length in interactive information retrieval. Belkin, N.J., et al. *24th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR '03)*, at Toronto, Canada. 2003.

Rutgers' TREC 2002 Interactive Track Experience. Belkin, N.J., et al. *TREC2002, Proceedings of the Eleventh Text Retrieval Conference*, at Washington, D.C. 2003.

Rutgers' HARD and Web Interactive Track Experiences at TREC 2003. Belkin, N.J., et al. *TREC2003, Proceedings of the Twelfth Text Retrieval Conference*, at Washington, D.C. 2004.

Rutgers' HARD Experiences at TREC 2004. Belkin, N.J., et al. *TREC 2004, Proceedings of the Thirteenth Text Retrieval Conference*, at Washington, D.C. 2005.

Features of documents relevant to task- and fact-oriented questions. Kelly, Diane, et al. *Eleventh International Conference on Information and Knowledge Management (CIKM '02)*, at McLean, VA. 2002.

Experimental study of index terms and information access. Wacholder, Nina, et al. *Annual Conference of the American Society for Information Science and Technology (ASIST '03)*, at Long Beach, CA. 2003.

Supporting multiple information strategies in a single system framework. Yuan, X.-J., et al. *30th annual international ACM SIGIR conference on Research and development in information retrieval*, at New York. 2007.

The relationship between ASK and relevance criteria. Yuan, X.-J., et al. *24th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR '02)*, at Tampere, Finland. 2002.