COLLEGE OF COMPUTING AND INFORMATION

UNIVERSITY AT ALBANY
State University of New York

ACADEMIC ADVISORY COMMITTEE

SEPTEMBER 25–27, 2007

ACADEMIC ADVISORY COMMITTEE AGENDA

When		What	Who	Where
9/25 Tue	6:30	Pickup at hotel/ airport	Steve, George	
	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 Wed	7:30	Greet at hotel	Steve, George	Marriott Courtyard
	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.