Program

iConference
iSchools
2010

Keynote Speakers

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Details on Presentations

Stephen Wolfram
Founder & CEO of Wolfram Research—Creator of Mathematica *and* Wolfram|Alpha*, and author of* A New Kind of Science

Stephen Wolfram is a distinguished scientist, inventor, author, and business leader. Born in London in 1959, Wolfram was educated at Eton, Oxford, and Caltech. He published his first scientific paper at the age of 15, and had received his Ph.D. in theoretical physics from Caltech by the age of 20. Wolfram's early scientific work was mainly in high-energy physics, quantum field theory, and cosmology, and included several now-classic results. Having started to use computers in 1973, Wolfram rapidly became a leader in the emerging field of scientific computing, and in 1979 he began the construction of SMP—the first modern computer algebra system—which he released commercially in 1981. In recognition of his early work in physics and computing, Wolfram became in 1981 the youngest recipient of a MacArthur Prize Fellowship.

Following scientific work on complex systems research, in 1986 Wolfram founded the first research center and the first journal in the field, *Complex Systems*. Then, after a highly successful career in academia—first at Caltech, then at the Institute for Advanced Study in Princeton, and finally as professor of physics, mathematics, and computer science at the University of Illinois—Wolfram launched Wolfram Research, Inc., where he began the development of Mathematica in late 1986.

After more than ten years of highly concentrated work, Wolfram described his achievements in his 1200-page book *A New Kind of Science*. Building on Mathematica, *A New Kind of Science*, and the success of Wolfram Research, Wolfram in May 2009 launched Wolfram|Alpha—a long-term project to make as much of the world's knowledge as possible computable, and accessible to everyone.

Marti Hearst
Professor, School of Information, University of California, Berkeley

Dr. Marti Hearst is a professor in the School of Information at the University of California, Berkeley. She received her B.A., M.S., and Ph.D. degrees in computer science from UC Berkeley and was a member of the research staff at Xerox PARC from 1994 to 1997.

A primary focus of Hearst's research is user interfaces for search. She just completed the first book on the topic of search user interfaces, and she has invented or participated in several well-known search interface projects including the Flamenco project that investigated and promoted the use of faceted metadata for collection navigation. Hearst's other research areas include computational linguistics, information visualization, and analysis of social media.

Hearst has received an NSF CAREER award, an IBM Faculty Award, a Google Research Award, an Okawa Foundation Fellowship, two Excellence in Teaching Awards, and has been principle investigator for more than $3M in research grants.

During the 2009-2010 academic year Hearst is on leave and working on e-government in the Obama administration, with a focus on search.

"An iSchooler Goes to Washington: IT Research Challenges to Better Help Government Help Citizens"
10:30 - noon, Friday, Feb. 5
Information technology is playing a new central role in the governing of the United States with a focus on promoting open government and citizen participation. In many cases, new technology is being adopted, or existing technology is being used in new ways, and there is a pressing need for research on several fronts. The topics studied at iSchools are central to these questions, ranging from online collaboration to analyzing multimedia to open publishing to online privacy. This talk summarizes some of the questions Hearst has come across that would benefit from iSchool research contributions.

Welcome

It's a pleasure to welcome you to the 2010 iConference, the fifth annual meeting of iSchool faculty, students, and friends. Not everyone would choose to visit Illinois in February, but I trust that the program—assembled by a dedicated program committee chaired by Howard Rosenbaum and Karen Fisher—will be worth braving the weather. I hope you'll also join me in thanking the local organizers who worked so hard to put this event together, especially Maeve Reilly, the iSchools communications coordinator, who has worked tirelessly on this event over the last year. We're also very grateful to the conference sponsors—Microsoft Research, Yahoo! and the National Science Foundation—as well as the University of Illinois' Vice Chancellor for Research, I³ (Illinois Informatics Initiative) and Wolfram Research, each of whom has made a substantive contribution to this year's conference.

As of this writing, there are 27 member iSchools, in the United States, Canada, England, Germany, Denmark, Singapore, and China, sharing an interest in the interaction of people, information, and technology. Faculty in the iSchools can be found working at the cutting edge in areas like data-intensive computing, information security, data curation, social media, information policy, community informatics, human-computer interaction, software engineering, gaming, children's literature, cultural informatics, and many other areas. Ph.D. graduates of these schools go on to pursue faculty careers in other iSchools, of course, but they also take faculty positions in business, communication, management information systems, public affairs, education, computer science, law, health management and informatics, and information studies. Opportunities for postdocs also seem to be growing, and our graduates are securing positions in many different kinds of departments. Other graduates work in corporations and in non-profits, as information specialists in both research and managerial appointments. Many of the iSchools have master's programs in library and information science, bioinformatics, information technology, and other professions; an increasing number also host undergraduate programs in informatics, information science, and related areas. Graduates from all of these programs will shape the information environments that we inhabit in the future, and we'll benefit from their attention to social as well as technical problems.

The University of Illinois was one of the founding members of the iSchools: we joined and contributed because we believe in what the iSchools represent, and because we believe that we need to work together in order to succeed in the rapidly evolving and very challenging territory that we occupy. This February marks the end of my two-year tenure as the chair of the iSchools' leadership group. During my tenure as chair, I've focused on expanding the interaction at different levels of leadership within the iSchools, from development and communications to research and curriculum. The iSchools' recent competitive showing in the DARPA Red Balloon Challenge is evidence that we are learning how to work together for our mutual benefit. It's been pleasure and a privilege to serve as chair, and I look forward to working with Harry Bruce, dean at the University of Washington's iSchool, as he takes the reins for the next two years. I hope to see all of you at next year's conference, which Harry will host in Seattle—where, no doubt, the weather will be a bit warmer than it is this year, in Illinois.

Sincerest thanks to all!

John Unsworth
Dean, Graduate School of Library and Information Science
University of Illinois at Urbana-Champaign

7:30 am	**Registration Opens ::** Participants will pick up their conference packets, final agenda, and name badges. **Buses Begin Pickup ::** Participants can catch buses to the iHotel and Conference Center from the Urbana Holiday Inn, Hampton Inn and Suites, and Hawthorn Suites. Only one run beginning at 7:30 am. Breakfast on your own.

8 am – 5 pm	**Study of Sociotechnical Systems Workshop** Innovation Room *Organizers: Steven Jackson, University of Michigan; David Ribes, Georgetown University; Sean Goggins, Drexel University* The workshop builds on and extends efforts that have included the 2008 & 2009 Summer Research Institute of the Consortium for the Science of Sociotechnical Systems (CSST). These research institutes, supported by the National Science Foundation and held at the University of Michigan (2008) and Syracuse University (2009), brought together a diverse set of researchers from fields as diverse as science and technology studies, human-computer interaction, management and organizational studies, library and information science, sociology, social informatics, and computer science, to begin exploring and framing a future research agenda centered on socio-technical research.	**Youth Community Informatics Workshop** Knowledge Room *Organizer: Chip Bruce, University of Illinois at Urbana-Champaign* Participants will engage in hands-on activities around the use of new media for community inquiry, including GIS/GPS, and digital video. They will learn about the Youth Community Informatics (YCI) project and how to do similar work in other settings. A highlight is presentations and activities led by youth currently involved in YCI sites.	**Doctoral Colloquium :: Sponsored by the National Science Foundation** Chancellor Ballroom *Session Chair: Michael Twidale , University of Illinois at Urbana-Champaign* The colloquium will bring together a selected group of outstanding doctoral students (with iSchool-type interests but not necessarily in a school that is a member of the iSchools) for a workshop with faculty. The colloquium will provide doctoral students with the opportunity to present their work to senior faculty in a setting that is relatively informal but that allows for the fullest of intellectual exchanges. Students will receive feedback on their dissertation and/or current research from participating faculty and from students' peers.

10 - 10:30 am	**Break ::**
Noon	**Lunch for workshop and colloquium attendees ::** Illinois Ballroom
4 - 5 pm	**Buses Begin Pickup ::** Participants can catch buses to the iHotel and Conference Center from the Urbana Holiday Inn, Hampton Inn and Suites, and Hawthorn Suites. One run beginning at 4 pm.

5 - **7 pm**	**Opening Reception ::** Illinois Ballroom *Welcome remarks by iSchools Chair John Unsworth, Dean of the Graduate School of Library and Information Science at the University of Illinois at Urbana-Champaign; Chancellor Robert Easter, University of Illinois at Urbana-Champaign; and iConference program chairs, Howard Rosenbaum, School of Library and Information Science at Indiana University, and Karen Fisher, Information School, University of Washington.* *Robert A. Easter is chancellor and provost (interim) at the University of Illinois at Urbana-Champaign and professor of animal sciences and nutritional sciences. Prior to his appointment as interim provost, Easter served as dean of the College of Agricultural, Consumer and Environmental Sciences (ACES) from 2002-2009. He has served as head of the Department of Animal Sciences from 1996 to 2001, and has been on the animal sciences faculty since 1976.* *In his present role, Easter is the chief budgetary officer for the campus. He oversees all financial programs, policies, and priorities that that have been designed to ensure a memorable educational experience for students. The campus has a budget of $1.5B with over $400M in research expenditures. The University of Illinois at Urbana-Champaign has embarked on a $1.5B capital campaign which is expected to be completed by 2011.* **Music ::** University of Illinois School of Music Cash bar.
7 - **8 pm**	**Buses Return Attendees to Hotels ::**

7:30 - 9 am	**Buses Begin Pickup ::** Participants can catch buses to the iHotel and Conference Center from the Urbana Holiday Inn, Hampton Inn and Suites, and Hawthorn Suites. Runs begin at 7:30 am. Breakfast on your own.
8 am- 5 pm	**Registration ::** Participants will pick up their conference packets, final agenda, and name badges.

9 - 10:30 am	**#1-Diversity 1** Quad Room	**#2-Information Behavior 1** Alma Mater	**#3-Information Retrieval 1** Knowledge Room	**Roundtable 1** Technology	**Wildcard 1** Humanities
	Inviting Success: Lessons from public access experiences around the world *Ricardo Gomez* Reclaiming public spaces: Issues of visibility in ICT training for persons with disabilities in Latin America *Michele Maureen Frix, Joyojeet Pal, and Phil Neff* Serving Library Users from Low-income Communities: Promoting Digital Literacy to eSociety *Yunfei Du*	Innovative Technology in the Classroom: A Live, Real-Time Case Study of Technology Disruption in the Publishing Industry *Mitchell Weisberg* Information Horizons of Taiwanese Graduate Students *Tien-I Tsai* The informatics moment: Grassrooting the space of flows in an urban branch library *Kate Williams*	Towards Trusted Cloud Computing *Joon S. Park and Jerry Robinson* Exploring the Further Integration of Machine Translation in Multilingual Information Access *Dan Wu and Daqing He* IntegraL: An Effective Link-based Search Infrastructure *Shuyuan Mary Ho, Min Song, and Michael Bieber*	An Interdisciplinary Research Agenda on Privacy 2.0 *Heng Xu*	Ethnographies of Large-Scale Systems: How to study distributed, emerging and complex sociotechnical systems *David Ribes and Steven Jackson*

10:30 - 11 am	**Morning Break ::**
11- 12:30 pm	**Plenary Presentation ::** Chancellor Ballroom *Stephen Wolfram* *Founder & CEO of Wolfram Research—Creator of* Mathematica *and* Wolfram|Alpha*, and author of* A New Kind of Science
12:30 - 2 pm	**Lunch ::** Illinois Ballroom

2 - 3:30 pm	**#5-iSchools 1** Quad Room	**#6-Associate Deans' Research Track 1** Alma Mater	**#4-Information Organization 1** Knowledge Room	**Roundtable 2** Technology	**Wildcard 2** Humanities
	Conferences, Community, and Technology: Avoiding a Crisis *Jonathan Thomas Grudin* Intellectual Diversity in iSchools: Past, Present, and Future *Andrea Wiggins and Steve Sawyer* An Operational Definition of the Information Disciplines *Marcia J. Bates*	(Measuring Research Impact) "I Stay Away from the Unknown, I Guess," Measuring Impact and Understanding Critical Factors for Millennial Generation and Adult Non-Users of Virtual Reference Services *Marie L. Radford and Lynn Silipigni Connaway* Empirically Assessing Impact of Scholarly Research *Jian Qin* Measuring Research Impact: A First Approximation of the Achievements of the iSchools in ISI's Information and Library Science Category: An Exploratory Study *Judit Bar-Ilan*	Building an IT Taxonomy with Co-occurrence Analysis, Hierarchical Clustering, and Multidimensional Scaling *Chia-jung Tsui, Ping Wang, Kenneth R. Fleischmann, Asad B. Sayeed, and Amy Weinberg* Name Matters: Taxonomic Name Recognition (TNR) in Biodiversity Heritage Library (BHL) *Qin Wei, P. Bryan Heidorn, and Chris Freeland* Extraction and Parsing of Herbarium Specimen Data: Exploring the Use of the Dublin Core Application Profile Framework *William E. Moen, Jane Huang, Melody McCotter, Amanda K. Neill, and Jason Best*	Developing a Collaborative Sandbox for Digital Library Research *Xia Lin, Daqing He, Lorri Mon, Jeffrey Pomerantz, and Haozhen Zhao*	Next Generation Teaching and Learning— Technologies and Trends *Erin Beth Knight, Nathan Gandomi, Charles Severance, Christine Borgman, and George Kroner*
3:30 - 3:45 pm	**Afternoon Break and Set-Up for Poster Presenters ::**				
3:45 - 5:15 pm	**Roundtable 3** Quad Room	**#7-Information Behavior 2** Alma Mater	**Roundtable 4** Technology		**Wildcard 3** Humanities
	Social Networking and Long-Term Organizational Goals *Maeve Reilly, Anthony Rotolo, Sherry Main, and Richard Urban*	Sickness and Health: Homophily in Online Health Forums *Brant Chee* Social Support in Online Healthcare Social Networking *Katherine Chuang and Christopher Yang* Deconstructing Motivations of ICT Adoption and Use: A Theoretical Model and its Applications to Social ICT *Michael John Scialdone and Ping Zhang*	Gone Today, Here Tomorrow: assuring access to government information in the digital age *ShinJoung Yeo and James R. Jacobs*		Impact of Technology Centers: Fishbowl Discussion of Methods and Findings *Chris Coward, Mike Crandall, and Samantha Becker*

5:15 - **6:15 pm**	**Poster Session ::** Illinois Ballroom
5:15 - **7 pm**	**Buses Return to Hotels ::** Buses return iConference participants to the Hawthorn Suites and Wolfram facilities for tour (see below), Hampton Inn and Suites, and Urbana Holiday Inn.
5:30 - **6:30 pm**	**Tour of Wolfram Facilities ::** Please register in advance at www.ischools.org/conftool/. Take hotel bus to Wolfram facilities next to Hawthorn Suites. Dinner on your own.

Friday, February 5

Time					
7:30 - 9 am	**Buses Pickup::** Participants can catch buses to the iHotel and Conference Center from the Urbana Holiday Inn, Hampton Inn and Suites, and Hawthorn Suites. Runs begin at 7:30 am. Breakfast on your own.				
8 am	**Registration Opens ::** Participants will pick up their conference packets, final agenda, and name badges.				
8:30 - 10 am	**#8-Diversity 2** Quad Room Community Engagement & Infomediaries: challenges to libraries and telecentres facing cybercafés in developing countries *Elizabeth A. Gould and Ricardo Gomez* Exploring Motives for Collaboration with a Humanitarian International organization *Louis-Marie Ngamassi Tchouakeu, Kang Zhao, Edgar Maldonado, Carleen Maitland, and Andrea Tapia* Of mouse and men: Computers and geeks as cinematic icons in age of ICTD *Joyojeet Pal*	**#9-Information Behavior 3** Alma Mater What to Do With a Million Pages of Digitized Historical Newspapers *Robert B Allen, Weizhong Zhu, and Robert Sieczkiewicz* The Usages and Expectations of Multilingual Information Access in Chinese Academic Digital Libraries *Dan Wu, Nanhui Gu, and Daqing He* Theory and Education: A Case of Structuration Theory *Lai Ma*	**#10-Information Retrieval 2** Knowledge Room Mining for Culture: Reaching Out of Range *Wanda Eugene and Juan E. Gilbert* Cultural Heritage Information Dashboards *Richard J. Urban, Mike Twidale, and Piotr Adamczyk* Leveraging PBL and Game to Redesign an Introductory Computer Applications Course *Scott Joseph Warren*	**Roundtable 5** Technology iSchools and the DARPA Network Challenge *John Yen, John Unsworth, Martin Weiss, Nick Giacobe, Maeve Reilly, David Hall, Jeffrey Stanton, Wade Shumaker, Gary Marchionini, and Tony Maslowski*	**Wildcard 4** Humanities No More Lone Rangers: Setting the research and education agenda for collaborative information work in virtual environments *M. Kathleen Kern, Marie L Radford, Joe Sanchez, Lorri Mon, and Jeffrey Pomerantz*
10 – 10:30 am	**Morning Break ::**				
10:30 am – 12 noon	**Plenary Presentation ::** Chancellor Ballroom *Marti Hearst* *Professor, School of Information, University of California, Berkeley* *"An iSchooler Goes to Washington: IT Research Challenges to Better Help Government Help Citizens"*				
12 - 1:30 pm	**Lunch ::** Illinois Ballroom				

Friday, February 5

1:30 - 3 pm	#12-**Information Organization 2** Quad Room A sense of wonder: Enhancing access to folktales through task and facet analysis *Kathryn La Barre and Carol Tilley* The Ontology of Tags *David J. Saab* Metadata Realities for Cyberinfrastructure: Data Authors as Metadata Creators *Matthew Stephen Mayernik*	#13-**Associate Deans' Research Track 2** Alma Mater The Impact of Outliers: Practice Theory and Informetrics *Betsy Van der Veer Martens* A conceptual model for scholarly research activity *Agiatis Benardou, Panos Constantopoulos, Costis Dallas, and Dimitris Gavrilis* Service Science in iSchools *Kelly A. Lyons*	#11-**Information Behavior 4** Innovation Room Backstage or Front Stage with YouTube *Timothy David Bowman* Motivated Information Behavior *David W. Schwieder* To Keep, or Not To Keep: or Options In Between? *Hong Zhang and Michael Twidale*	**Roundtable 6** Technology Sharing experiences related to developing theories for the information field *Martha Garcia-Murillo, Martin Weiss, and Allen Renear*	**Roundtable 7** Humanities LIS Education and Tribal Libraries, Archives, and Museums *Omar Jerome Poler, Christina Louise Pleck Wickman Johnson, and Catherine H. Phan*
3 - 3:30 pm	**Afternoon Break and Set-Up for Poster Presenters ::**				
3:30 - 5 pm	**Roundtable 8** Quad Room Mapping the Intersections of Information Studies and Gender and Sexuality Studies *Patrick Keilty and Rebecca Dean*	#14-**e-Government and e-Science** Alma Mater Room Re-Gaming the Digital Divide: Broadband, MMOGs and U.S. Latinos *Julio Angel Ortiz* Collaboration in Open Data eScience: A Case Study of Sloan Digital Sky Survey *Jian Zhang and Chaomei Chen* Broadband Deployment as Technological Innovation: Planning and Evaluation *Charles Hinnant, Charles McClure, Lauren Mandel, and Nicole Alemanne*	#15-**Information Behavior 5** Innovation Room Wikipedia Community Spaces: Comparative Analysis of Behaviors Across Talk Pages in Four Languages *Noriko Hara, Pnina Shachaf, and Khe Foon Hew* Incentives in the Wild: Leveraging Virtual Currency to Sustain Online Community *Yang Wang and Scott Mainwaring* Navigating the social terrain with Google Latitude *Xinru W. Page and Alfred Kobsa*	**Roundtable 9** Technology The Role of iSchools in Shaping the Future of Health Informatics *Kelly Caine, Kay Connelly, Barbara Hayes, and Julie Kientz*	**Roundtable 10** Humanities Measuring IMPACT of Early Childhood Information Literacy Programs on Children *Eliza T. Dresang, Kathleen Burnett, and Janet Lee Capps*
5 - 6 pm	**Poster Session ::** Illinois Ballroom				

Note: The 3:30 - 5 pm row additionally contains: **Wildcard 5** — Knowledge Room — Creating a New College: Merging Information, People and Technology—A Case Study—*Jeff M. Allen, Herman Totten*

6 - 8:30 pm	**Awards Banquet ::** Illinois Ballroom **Join the iSchools as we celebrate our accomplishments over the past year.** *John Unsworth, Dean, Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign* **DARPA Presentation ::** *John Yen, Director of Strategic Research Initiatives, College of Information Science and Technology, Pennsylvania State University* In 2009, the iSchools collaborated on the Defense Advanced Research Projects Agency (DARPA) Network Challenge to search throughout the United States for 10 red balloons. Through the use of social networking and the iSchools network, the iSchools team placed 10th. **Best Poster/Best Paper Awards ::** *Program committee co-chairs: Howard Rosenbaum, Associate Dean, School of Library and Information Science, Indiana University, and Karen Fisher, Professor, The Information School of the University of Washington, & Chair, the Information & Society Center (ISC) .* **von Dran Award ::** *Presented by Elizabeth Liddy, Dean, School of Information Studies, Syracuse University* Ray von Dran, dean of the School of Information Studies, Syracuse University, 1995-2007, was a dynamic and powerful force in both the development of the School of Information Studies at Syracuse University and the formation of the iSchools movement. In his honor, the iSchools have established an award to recognize others who have demonstrated Ray's commitment to excellence and leadership. This year's recipient is **Toni Carbo**, teaching professor at the College of Information Science and Technology (the iSchool) Center for Graduate Studies, Drexel University. She was professor at the School of Information Sciences (SIS) and Graduate School of Public and International Affairs at the University of Pittsburgh from 1986-May 2009, and she served as dean of SIS at Pitt from 1986 to 2002. She has served as executive director of the U.S. National Commission on Libraries and Information Science (NCLIS), the government agency responsible for advising the President and U.S. Congress on policy and planning in the information field. Her work in the information field began in 1962 and includes extensive experience with information service producers and users (both libraries and database producers) and in research in the areas of information policy and information ethics and in the use of information. **Introduction of iSchools Chair ::** *Harry Bruce, Dean, Information School, University of Washington* **Music ::** *High Cotton*
8 - 9:30 pm	**Buses Return to Hotels ::** Buses return iConference participants to the Hawthorn Suites, Hampton Inn and Suites, and Urbana Holiday Inn.

Saturday, February 6

7:30 - 9 am	**Buses Begin Pickup ::**			
	Participants can catch buses to the iHotel and Conference Center from the Urbana Holiday Inn, Hampton Inn and Suites, and Hawthorn Suites. Runs begin at 7:30 am. Breakfast on your own.			

| 8:30- 10 am | **#16-Diversity 3**
Technology

Effective ICT use for Social Inclusion
Martin Wolske, Noelle Sheree Williams, Safiya Noble, Eric O. Johnson, and Robin Yoerger Duple

Net Generation in Organizations: Perceptions and Strategies
Karine Barzilai-Nahon and Robert Mason | **#17-Information Organization 3**
Alma Mater

The Role of Informatics in Software Engineering:
Literature Reviews, Agenda, and Software Informatics
Ira Alan Monarch, Sheila Rosenthal, and Rachel Callison

Exploring Collaborative Rhythm: Temporal Flow and Alignment in Collaborative Scientific Work
Steven James Jackson, David Ribes, and Ayse Buyuktur

Music and Mood: Where Theory and Reality Meet
Xiao Hu | **Roundtable 11**
Knowledge

Research Methods in Community Informatics at the Broadband Moment
Kate Williams | **Roundtable 13**
Innovation

Native Systems of Knowledge: Indigenous Methodologies in Information Science
Marisa Elena Duarte, Miranda Belarde-Lewis, and Ally Krebs |

10 - 10:30 am	**Morning Break ::**			

| 10:30 – 12 noon | **Roundtable 12**
Technology

Games in the iSchools
Ian MacInnes and Andrea Tapia | **#18-iSchools 2**
Alma Mater

Making an IMPACT on the environment: Sustainability Science and the I-School Movement
Fred Fonseca, James Martin, Clodoveu Davis, and Gilberto Camara

Going Green with IT: A Study of Energy Consumption by Home and School Information Technology Systems in the College of Information at the University of North Texas
Gerald Knezek, Rhonda R. Christensen, Tandra Tyler-Wood, Okyoung Lim, and William E. Neaville

Curation in the Curriculum: Equipping the Profession to Ensure the Preservation of Information
Ross Harvey | **Wildcard 6**
Knowledge

Teach, Learn, Engage: Reflections on Community Informatics Curriculum Development
Suzanne Im, Aaisha Nafeesah Hakal, and Aiko Takazawa | |

Acknowledgements

This year's conference was made possible only through the dedicated work and support of many individuals and organizations. A very special thanks to every individual who submitted a proposal to the conference and to our dedicated proposal reviewers. Thanks as well to the following:

Paper Sessions

PAPER SESSION #1

Diversity 1

Thursday, 9 - 10:30 am
Quad Room

Inviting Success: Lessons from public access computing experiences around the world

Ricardo Gomez— rgomez@u.washington.edu,
University of Washington

Topics: Digital libraries, community informatics

Keywords: Telecentres, libraries, cybercafés, public access computing, success factors, information communication technologies development (ICTD)

Reclaiming public spaces: Issues of visibility in ICT training for persons with disabilities in Latin America

Michele Maureen Frix, Joyojeet Pal, and Phil Neff—
michelemfrix@gmail.com
University of Washington

Topics: Community informatics

Keywords: ICTs, visibility, employability, disability, Latin America

Serving Library Users from Low-income Communities: Promoting Digital Literacy to eSociety

Yunfei Du— ydu@unt.edu
University of North Texas Denton

Topics: Diversity in the iSociety

Keywords: Digital literacy, online reading, information society, underserved users

PAPER SESSION #2

Information Behavior 1

Thursday, 9 - 10:30 am
Alma Mater Room

Innovative Technology in the Classroom: A Live, Real-Time Case Study of Technology Disruption of the Publishing Industry

Mitchell Weisberg— mitch@lumeninc.com
Suffolk University

Topics: Information organization, social informatics, impacts of the iSchool movement, digital libraries, information economics, research methods, pedagogy, copyright/intellectual property, quantitative methods, qualitative methods, human-computer interaction, organizational informatics

Keywords: eReader, publishing, business disruption, information supply chain, innovation

Information Horizons of Taiwanese Graduate Students

Tien-I Tsai— ttsai5@wisc.edu
University of Wisconsin-Madison

Topics: Information seeking and use

Keywords: Information horizons, information behavior, source accessibility, source quality, Taiwan

The informatics moment: Grassrooting the space of flows in an urban branch library

Kate Williams— katewill@uiuc.edu
University of Illinois at Urbana-Champaign

Topics: Community informatics

Keywords: Community informatics, information policy, social informatics, libraries

PAPER SESSION #3

Information Retrieval 1

Thursday, 9 - 10:30 am
Knowledge Room

Towards Trusted Cloud Computing

Joon S. Park and Jerry Robinson— jspark@syr.edu
Syracuse University

Topics: Information security, IT management

Keywords: Cloud computing, infrastructure models, security, trust

Exploring the Further Integration of Machine Translation in Multilingual Information Access

Dan Wu and Daqing He—dah44@pitt.edu
University of Pittsburgh

Topics: Information retrieval

Keywords: Multilingual information access, machine translation, query translation, relevance feedback, out-of-vocabulary term

IntegraL: An Effective Link-based Search Infrastructure

Shuyuan Mary Ho, Min Song, and Michael Bieber—
smho@syr.edu
New Jersey Institute of Technology

Topics: Information seeking and use, digital libraries, information architecture

Keywords: Digital library, link-based federated search, user study

PAPER SESSION #4

Information Organization 1

Thursday, 2 - 3:30 pm
Knowledge Room

Building an IT Taxonomy with Co-occurrence Analysis, Hierarchical Clustering, and Multidimensional Scaling

Chia-jung Tsui, Ping Wang, Kenneth R. Fleischmann,
Asad B. Sayeed, and Amy Weinberg—pwang@umd.edu
University of Maryland

Topics: IT management

Keywords: Information technology management, taxonomy, co-occurrence, hierarchical clustering, multidimensional scaling

Name Matters: Taxonomic Name Recognition (TNR) in Biodiversity Heritage Library (BHL)

Qin Wei, P. Bryan Heidorn, and Chris Freeland—
qinwei2@uiuc.edu
University of Illinois at Urbana-Champaign

Topics: Digital libraries, information retrieval, data mining

Keywords: Taxonomic name recognition, biodiversity informatics, machine learning, digital libraries, information retrieval

Extraction and Parsing of Herbarium Specimen Data: Exploring the Use of the Dublin Core Application Profile Framework

William E. Moen, Jane Huang, Melody McCotter, Amanda
K. Neill, and Jason Best— william.moen@unt.edu
University of North Texas Denton

Topics: Metadata

Keywords: Metadata application profiles, Darwin Core, Dublin Core Application Profile Framework, biodiversity information, herbarium specimens

PAPER SESSION #5

iSchools 1

Thursday, 2 - 3:30 pm
Quad Room

Conferences, Community, and Technology: Avoiding a Crisis

Jonathan Thomas Grudin—jgrudin@microsoft.com
Microsoft Research

Topics: Impacts of the iSchool movement, scholarly and scientific communication

Keywords: Conferences, community, technology, reviewing

Intellectual Diversity in iSchools: Past, Present, and Future

Andrea Wiggins and Steve Sawyer—awiggins@syr.edu
Syracuse University

Topics: Impacts of the iSchool movement, diversity in the iSociety

Keywords: iSchool, discipline, faculty hiring, interdisciplinary, computing

An Operational Definition of the Information Disciplines

Marcia J. Bates—mjbates@ucla.edu
UCLA

Topics: Impacts of the iSchool movement, information seeking and use, information organization

Keywords: Information disciplines, i-disciplines, encyclopedias, social studies of information

PAPER SESSION #6

Associate Deans' Research Track 1

Thursday, 2 - 3:30 pm
Alma Mater Room

(Measuring Research Impact) "I Stay Away from the Unknown, I Guess," Measuring Impact and Understanding Critical Factors for Millennial Generation and Adult Non-Users of Virtual Reference Services

Marie L. Radford and Lynn Silipigni Connaway—
mradford@rutgers.edu
Rutgers University

Topics: Information seeking and use, digital libraries, quantitative methods, qualitative methods, communities of practice

Keywords: Virtual reference, information seeking and use, digital services, mixed-method research, generational differences

Empirically Assessing Impact of Scholarly Research

Jian Qin—jqin@syr.edu
Syracuse University

Topics: Bibliometrics

Keywords: Impact assessment

Measuring Research Impact: A First Approximation of the Achievements of the iSchools in ISI's Information and Library Science Category—An Exploratory Study

Judit Bar-Ilan— barilaj@mail.biu.ac.il
Bar-Ilan University, Israel

Topics: Impacts of the iSchool movement, bibliometrics

Keywords: Research evaluation, information and library science, publications, citations, h-index

PAPER SESSION #7

Information Behavior 2

Thursday, 3:45 - 5:15 pm
Alma Mater Room

Sickness and Health: Homophily in Online Health Forums

Brant Chee—chee@uiuc.edu
University of Illinois at Urbana-Champaign

Topics: Social informatics, quantitative methods, health informatics

Keywords: Sentiment analysis, social networks, tie strength indicator, homophily

Social Support in Online Healthcare Social Networking

Katherine Chuang and Christopher Yang—
kyc24@drexel.edu
Drexel University

Topics: Health informatics, social networks

Keywords: Alcoholism, social support, community

Deconstructing Motivations of ICT Adoption and Use: A Theoretical Model and its Applications to Social ICT

Michael John Scialdone and Ping Zhang—
mjsciald@gmail.com
Syracuse University

Topics: Human-computer interaction, computer-mediated communication

Keywords: Social ICTs, IT adoption, motivation, motives, behavioral intention

PAPER SESSION #8

Diversity 2

Friday, 8:30 - 10 am
Quad Room

Community Engagement & Infomediaries: challenges facing libraries and telecentres facing cybercafés in developing countries

Elizabeth A Gould and Ricardo Gomez—
rgomez@u.washington.edu
University of Washington

Topics: Social informatics, community informatics

Keywords: Telecentres, libraries, cybercafés, public access computing, infomediaries, community engagement

Exploring Motives for Collaboration within a Humanitarian Inter-Organizational Network

Louis-Marie Ngamassi Tchouakeu, Kang Zhao, Edgar Maldonado, Carleen Maitland, and Andrea Tapia—
ltchouakeu@ist.psu.edu
Pennsylvania State University

Topics: Quantitative methods, communities of practice, social networks

Keywords: Inter-organizational network, humanitarian NGOs, social network, collaboration, network clusters

Of mouse and men: Computers and geeks as cinematic icons in age of ICTD

Joyojeet Pal— joyojeet@washington.edu
University of Colorado

Topics: Social informatics, diversity in the iSociety, community informatics

Keywords: Cinema, India, media representations

PAPER SESSION #9

Information Behavior 3

Friday, 8:30 - 10 am
Alma Mater Room

What to Do With a Million Pages of Digitized Historical Newspapers

Robert B. Allen, Weizhong Zhu, and Robert Sieczkiewicz— rba@drexel.edu
Drexel University

Topics: Digital libraries, digital preservation, information retrieval, digital humanities

Keywords: Advertisements, history, image processing, interface design, newspapers

The Usages and Expectations of Multilingual Information Access in Chinese Academic Digital Libraries

Dan Wu, Nanhui Gu, and Daqing He—
woodan@whu.edu.cn
Wuhan University

Topics: Information seeking and use, digital libraries

Keywords: Multilingual information access, digital library, user survey, Chinese academic libraries

Theory and Education: A Case of Structuration Theory

Lai Ma— lama@indiana.edu
Indiana University

Topics: Pedagogy, critical perspectives on information

Keywords: Structuration theory, critical social theory, education

PAPER SESSION #10

Information Retrieval 2

Friday, 8:30 - 10 am
Knowledge Room

Mining for Culture: Reaching Out of Range

Wanda Eugene and Juan E. Gilbert—
eugenwa@auburn.edu
Auburn University

Topics: Diversity in the iSociety, knowledge management, data mining

Keywords: Data mining, ethnocomputing, culture, design

Cultural Heritage Information Dashboards

Richard J. Urban, Mike Twidale, and Piotr Adamczyk—
rjurban@illinois.edu
University of Illinois at Urbana-Champaign

Topics: Digital libraries, research methods, information visualization, human-computer interaction

Keywords: Rapid prototyping, information visualization, dashboard, cultural heritage

Leveraging PBL and Game to Redesign an Introductory Computer Applications Course

Scott Joseph Warren— scott.warren@unt.edu
University of North Texas Denton

Topics: Quantitative methods, qualitative methods, computer-mediated communication

Keywords: Game, post-secondary, redesign, curriculum design, research

PAPER SESSION #11

Information Behavior 4

Friday, 1:30 - 3 pm
Innovation Room

Backstage or Front Stage with YouTube

Timothy David Bowman— tdbowman@indiana.edu
Indiana University

Topics: Social informatics, computer-mediated communication, social networks

Keywords: Goffman, front stage, backstage, YouTube

Paper Sessions

Motivated Information Behavior

David W. Schwieder— schwied1@illinois.edu
University of Illinois at Urbana-Champaign

Topics: Information seeking and use

Keywords: Motivation, information behavior, information needs, information seeking, information avoidance

To Keep, or Not To Keep: or Options In Between?

Hong Zhang and Michael Twidale—
zhanghong920@gmail.com
University of Illinois at Urbana-Champaign

Topics: Human-computer interaction

Keywords: Personal information management, information keeping behavior

Information Organization 2

Friday, 1:30 - 3 pm
Quad Room

A sense of wonder: Enhancing access to folktales through task and facet analysis

Kathryn La Barre and Carol Tilley— klabarre@illinois.edu
University of Illinois at Urbana-Champaign

Topics: Information seeking and use, information organization, metadata, information retrieval

Keywords: Facet analysis, task analysis, folktales

The Ontology of Tags

David J. Saab— dsaab@ist.psu.edu
Pennsylvania State University

Topics: Ontologies, semantic web, social tagging, folksonomies, critical perspectives on information

Keywords: Folksonomies, tags, tagging, cultural, schemas, ontology, semantics, Heidegger

Metadata Realities for Cyberinfrastructure: Data Authors as Metadata Creators

Matthew Stephen Mayernik— mattmayernik@ucla.edu
UCLA

Topics: Digital libraries, metadata, scholarly and scientific communication, communities of practice

Keywords: Cyberinfrastructure, metadata, scientific data practices

Associate Deans' Research Track 2

Friday, 1:30 - 3 pm
Alma Mater Room

The Impact of Outliers: Practice Theory and Informetrics

Betsy Van der Veer Martens— bvmartens@ou.edu
University of Oklahoma

Topics: Research methods, scholarly and scientific communication, bibliometrics

Keywords: Bibliometrics, practice, theories, diffusion, innovation

A conceptual model for scholarly research activity

Agiatis Benardou, Panos Constantopoulos, Dimitris Gavrilis, and Costis Dallas— costis.dallas@utoronto.ca
University of Toronto

Topics: Information seeking and use, ontologies, research methods, scholarly and scientific communication, digital humanities

Keywords: Scholarly information behavior, conceptual modelling, digital curation, activity theory, cyberscholarship

Service Science in iSchools

Kelly A. Lyons— kelly.lyons@utoronto.ca
University of Toronto

Topics: Impacts of the iSchool movement

Keywords: Service science, iSchools, impact, research, education

e-Government and e-Science

Friday, 3:30 - 5 pm
Alma Mater Room

Re-Gaming the Digital Divide: Broadband, MMOGs, and U.S. Latinos

Julio Angel Ortiz— julio.a.ortiz@gmail.com
Rutgers University

Topics: Social informatics, information policy, community informatics, computer-mediated communication

Keywords: Videogames, digital divide, municipal broadband, Latinos

Collaboration in Open Data eScience: A Case Study of Sloan Digital Sky Survey

Jian Zhang and Chaomei Chen— jz85@drexel.edu
Drexel University

Topics: e-science, community informatics, bibliometrics, quantitative methods, scientometrics, social networks

Keywords: Open Data, co-author network, visual analytics, topological analysis

Broadband Deployment as Technological Innovation: Assessing the Needs of Anchor Institutions

Charles Hinnant, Charles McClure, Lauren Mandel, and Nicole Alemanne— chinnant@fsu.edu
Florida State University

Topics: Information policy, research methods, IT management

Keywords: Technological innovation, broadband adoption, ARRA, needs assessments, broadband planning

Information Behavior 5

Friday, 3:30 - 5 pm
Innovation Room

Wikipedia Community Spaces: Comparative Analysis of Behaviors Across Talk Pages in Four Languages

Noriko Hara, Pnina Shachaf, and Khe Foon Hew— nhara@indiana.edu
Indiana University

Topics: Social informatics, communities of practice, computer-mediated communication

Keywords: Online communities of practice, norms of behavior, Wikipedia, cross-cultural

Incentives in the Wild: Leveraging Virtual Currency to Sustain Online Community

Yang Wang and Scott Mainwaring—
yangwang@uci.edu
University of California, Irvine

Topics: Social informatics, communities of practice

Keywords: Incentive design, virtual currency, online community, Chinese

Navigating the social terrain with Google Latitude

Xinru W Page and Alfred Kobsa— xpage@uci.edu
University of California, Irvine

Topics: Social informatics, human-computer interaction, computer-mediated communication, social networks

Keywords: Google Latitude, location-based services, social networking, adoption, social norms

Diversity 3

Saturday, 8:30 - 10 am
Technology Room

Effective ICT Use for Social Inclusion

Martin Wolske, Noelle Sheree Williams, Safiya Noble, Eric O. Johnson, and Robin Yoerger Duple— mwolske@illinois.edu
University of Illinois at Urbana-Champaign at Urbana-Champaign

Topics: Diversity in the iSociety, critical perspectives on information, community informatics, human-computer interaction, communities of practice

Keywords: Community Technology Center (CTC), community informatics, citizen professional, mass amateurization, spatial design

Net Generation in Organizations: Perceptions and Strategies

Karine Barzilai-Nahon and Robert Mason— karineb@u.washington.edu
University of Washington

Topics: Information management, computer-mediated communication

Keywords: Net generation, values, organizations, digital natives, strategies, change

PAPER SESSION #17

Information Organization 3

Saturday, 8:30 - 10 am
Alma Mater Room

The Role of Informatics in Software Engineering: Literature Reviews, Agenda, and Software Informatics

Ira Alan Monarch, Sheila Rosenthal, and Rachel Callison— iam@sei.cmu.edu
Software Engineering Institute

Topics: Information seeking and use, information economics, bibliometrics, information visualization, data mining, organizational informatics

Keywords: Software engineering, software informatics, bibliometrics, text analysis, informatics, special libraries

Exploring Collaborative Rhythm: Temporal Flow and Alignment in Collaborative Scientific Work

Steven James Jackson, Ayse Buyuktur, and David Ribes—sjackso@umich.edu
University of Michigan

Topics: Critical perspectives on information, scholarly and scientific communication

Keywords: Time, rhythm, collaboration, science, cyberinfrastructure, ethnography

Music and Mood: Where Theory and Reality Meet

Xiao Hu— xiaohu@illinois.edu,
University of Illinois at Urbana-Champaign

Topics: Diversity in the iSociety, digital libraries, metadata, social tagging, folksonomies, information retrieval

Keywords: Music, mood, metadata, social tags, music psychology, emotion theories, music mood categories, music information retrieval

PAPER SESSION #18

iSchools 2

Saturday, 10:30 am - 12 noon
Alma Mater Room

Making an IMPACT on the environment: Sustainability Science and the iSchool Movement

Fred Fonseca, James Martin, Clodoveu Davis, and Gilberto Camara— fredfonseca@ist.psu.edu
Pennsylvania State University

Topics: Impacts of the iSchool movement, sustainability, philosophy of information

Keywords: Sustainability, multidisciplinarity, environmental modeling, philosophy

Going Green with IT: A Study of Energy Consumption by Home and School Information Technology Systems in the College of Information at the University of North Texas Denton

Gerald Knezek, Rhonda R. Christensen, Tandra Tyler-Wood, Okyoung Lim, and William E. Neaville— gknezek@gmail.com
University of North Texas Denton

Topics: Sustainability

Keywords: Sustainability, information technology, office, home

Curation in the Curriculum: Equipping the Profession to Ensure the Preservation of Information

Ross Harvey— ross.harvey@simmons.edu
Simmons College

Topics: Digital preservation

Keywords: Curriculum, curation, preservation

Roundtable Sessions

ROUNDTABLES

ROUNDTABLE SESSION #1

An Interdisciplinary Research Agenda on Privacy 2.0

Session Chair: Heng Xu
Thursday, 9 am - 10:30 pm
Technology Room
Heng Xu, Sandra Petronio, Anna C. Squicciarini, and Xiaolong (Luke) Zhang—hxu@ist.psu.edu
Pennsylvania State University
Indiana University-Purdue University Indianapolis

Topics: Information management, privacy, information policy, social networks

Keywords: Privacy, online social networks (OSNs), privacy enhancing technologies (PETs), privacy regulations, privacy awareness

ROUNDTABLE SESSION #2

Developing a Collaborative Sandbox for Digital Library Research

Session Chair: Xia Lin
Thursday, 2 - 3:30 pm
Technology Room
Xia Lin, Daqing He, Lorri Mon, Jeffrey Pomerantz, and Haozhen Zhao— xlin@ischool.drexel.edu
Drexel University
University of Pittsburgh
Florida State University
University of North Carolina at Chapel Hill

Topics: Digital libraries

Keywords: Collaborative space, IPL, digital libraries, research lab

ROUNDTABLE SESSION #3

Social Networking and Long-Term Organizational Goals

Session Chair: Maeve Reilly
Thursday, 3:45 - 5:15 pm
Quad Room
Maeve Reilly, Anthony Rotolo, Sherry Main, and Richard Urban—mjreilly@illinois.edu
iSchools
Syracuse University
University of California, Irvine
University of Illinois at Urbana-Champaign

Topics: Information seeking and use, information management, social tagging, social networks, organizational informatics

Keywords: Social networking, communications, new media

ROUNDTABLE SESSION #4

Gone Today, Here Tomorrow: assuring access to government information in the digital age

Session Chair: ShinJoung Yeo
Thursday, 3:45 - 5:15 pm
Technology Room
ShinJoung Yeo and James R. Jacobs—yeo1@illinois.edu
University of Illinois at Urbana-Champaign
Stanford University

Topics: Sustainability, e-government, digital libraries, digital preservation, information security, information policy, information ethics, philosophy of information, critical perspectives on information, copyright/ intellectual property, communities of practice

Keywords: Government information, digital libraries, democratic ideals

ROUNDTABLE SESSION #5

iSchools and the DARPA Network Challenge

Session Chair: John Yen
Friday, 8:30 - 10 am
Technology Room
John Yen, John Unsworth, Martin Weiss, Nick Giacobe, David Hall, Wade Shumaker, Tony Maslowski, Maeve Reilly, Jeffrey Stanton, and Gary Marchionini— jyen@ist.psu.edu
Pennsylvania State University
University of Illinois at Urbana-Champaign
University of Pittsburgh
iSchools
Syracuse University
University of North Carolina at Chapel Hill

Topics: Impacts of the iSchool movement

Keywords: Collaborative research, social networking, trust

ROUNDTABLE SESSION #6

Sharing experiences related to developing theories for the information field

Session Chair: Martha Garcia-Murillo
Friday, 1:30 - 3 pm
Technology Room
Martha Garcia-Murillo, Martin Weiss, and Allen Renear—mgarciam@syr.edu
Syracuse University
University of Pittsburgh
University of Illinois at Urbana-Champaign

Topics: Research methods

Keywords: Theory construction

ROUNDTABLE SESSION #7

LIS Education and Tribal Libraries, Archives, and Museums

Session Chair: Omar Jerome Poler
Friday, 1:30 - 3 pm
Humanities Room
Omar Jerome Poler, Christina Louise Pleck Wickman Johnson, and Catherine H. Phan—ojpoler@yahoo.com
University of Wisconsin-Madison

Topics: Diversity in the iSociety, community informatics

Keywords: Indigenous knowledge, service learning, curriculum

ROUNDTABLE SESSION #8

Mapping the Intersections of Information Studies and Gender and Sexuality Studies

Session Chair: Patrick Keilty
Friday, 3:30 - 5 pm
Quad Room
Patrick Keilty and Rebecca Dean—pkeilty@gmail.com
UCLA

Topics: Diversity in the iSociety, philosophy of information, critical perspectives on information, community informatics, communities of practice

Keywords: Gender, sexuality, information, science, technology

ROUNDTABLE SESSION #9

The Role of iSchools in Shaping the Future of Health Informatics

Session Chair: Kelly Caine
Friday, 3:30 - 5 pm
Technology Room
Kelly Caine, Kay Connelly, Barbara Hayes, and Julie Kientz—caine@indiana.edu
Indiana University
Indiana University-Purdue University at Indianapolis
University of Washington

Topics: Impacts of the iSchool movement, health informatics

Keywords: Health informatics

ROUNDTABLE SESSION #10

Measuring IMPACT of Early Childhood Information Literacy Programs on Children

Session Chair: Eliza T. Dresang
Friday, 3:30 - 5 pm
Humanities Room
Eliza T. Dresang, Kathleen Burnett, and Janet Lee Capps— edresang@u.washington.edu
University of Washington
Florida State University

Topics: Information seeking and use, research methods, quantitative methods, qualitative methods

Keywords: Information, use, literacy, research, methods

ROUNDTABLE SESSION #11

Research Methods in Community Informatics at the Broadband Moment

Session Chair: Kate Williams
Saturday, 8:30 - 10 am
Knowledge Room
Kate Williams, Lynette Kvasny, Chris Coward, John Carlo Bertot, Mia Lustria, and Noriko Hara— katewill@uiuc.edu
University of Illinois at Urbana-Champaign
Pennsylvania State University
University of Washington
University of Maryland
Florida State University
Indiana University

Topics: Social informatics, impacts of the iSchool movement, e-government, information policy, information ethics, research methods, community informatics, health informaticss

Keywords: Community informatics, information policy, health informatics, social informatics, research ethics, methods

ROUNDTABLE SESSION #12

Games in the iSchools

Session Chair: Ian MacInnes
Saturday, 10:30 am - 12 noon
Technology Room
Ian MacInnes and Andrea Tapia—imacinne@syr.edu
Syracuse University
Pennsylvania State University

Topics: Impacts of the iSchool movement, computer-mediated communication, social networks

Keywords: Games, ischools, collaboration, research, instruction

ROUNDTABLE SESSION #13

Native Systems of Knowledge: Indigenous Methodologies in Information Science

Session Chair: Marisa Elena Duarte
Saturday, 8:30 - 10 am
innovation Room
Marisa Elena Duarte, Miranda Belarde-Lewis, and Ally Krebs—meduarte@uw.edu
University of Washington

Topics: Diversity in the iSociety, information policy, information ethics, research methods, critical perspectives on information, information visualization

Keywords: Indigenous research, information ethics

Wildcard Sessions

WILDCARD SESSIONS

WILDCARD SESSION #1

Ethnographies of Large-Scale Systems: How to study distributed, emerging, and complex sociotechnical systems

Session Chair: David Ribes
Thursday, 9 am - 10:30 am
Humanities Room
David Ribes and Steven Jackson—
dr273@georgetown.edu
Georgetown University
University of Michigan

Topics: Information organization, scholarly and scientific communication, human-computer interaction

Keywords: Ethnography, large-scale systems

WILDCARD SESSION #2

Next Generation Teaching and Learning— Technologies and Trends

Session Chair: Erin Beth Knight
Thursday, 2 - 3:30 pm
Humanities Room
Erin Beth Knight, Nathan Gandomi, Charles Severance, Christine Borgman, and George Kroner—
eknight@ischool.berkeley.edu
University of California, Berkeley
University of Michigan
UCLA
Blackboard, Inc.

Topics: Social informatics, impacts of the iSchool movement, pedagogy, communities of practice, social networks

Keywords: Participatory media, education technology, social media, teaching and learning, student-centered

WILDCARD SESSION #3

Impact of Community Technology Centers: Fishbowl Discussion of Methods and Findings

Session Chair: Chris Coward
Thursday, 3:45 - 5:15 pm
Humanities Room
Chris Coward, Mike Crandall, and Samantha Becker—
ccoward@uw.edu
University of Washington

Topics: Social informatics, information seeking and use, research methods, community informatics, quantitative methods, qualitative methods, communities of practice

Keywords: Impact, community technology centers, libraries, international development

WILDCARD SESSION #4

No More Lone Rangers: Setting the research and education agenda for collaborative information work in virtual environments

Session Chair: M. Kathleen Kern
Friday, 8:30 to 10 am
Humanities Room
M. Kathleen Kern, Marie L Radford, Joe Sanchez, Lorri Mon, and Jeffrey Pomerantz—katkern@illinois.edu
University of Illinois at Urbana-Champaign
Florida State University
Rutgers University
University of North Carolina at Chapel Hill

Topics: Pedagogy, communities of practice, computer-mediated communication, social networks

Keywords: Collaboration, virutal environments, reference

WILDCARD SESSION #5

Creating a New College: Merging Information, People and Technology —A Case Study

Session Chair: Jeff M. Allen
Friday, 3:30 to 5 pm
Knowledge Room
Jeff M. Allen and Herman Totten—Jeff.Allen@unt.edu
University of North Texas Denton

Topics: Pedagogy

Keywords: Research, pedagogy, administration

WILDCARD SESSION #6

Teach, Learn, Engage: Reflections on Community Informatics Curriculum Development

Session Chair: Suzanne Im
Saturday, 10:30 am to 12:00 noon
Knowledge Room
Suzanne Im, Aaisha Nafeesah Haykal, and Aiko Takazawa—im6@illinois.edu
University of Illinois at Urbana-Champaign

Topics: Pedagogy, community informatics

Keywords: Communty Informatics, curriculum, community, students, engagement

Poster Sessions

DIVERSITY

POSTER #1

Can SchoolNet Bridge the Digital Divide in Education in Thailand? Perspectives from Policy Makers to End-users

Wandee Tangsathitkulchai and Peemasak Angchun— surasakandgee@yahoo.com
University of North Texas Denton

Keywords: SchoolNet project, Thailand, digital divide, infrastructure

POSTER #2

Beyond Intent: Technology Adoption and Appropriation by University Staff

Pablo-Alejandro Quinones and Stephanie Teasley— pabloq@umich.edu
University of Michigan

Keywords: Adoption, appropriation

POSTER #3

Exploring Methods in Community Informatics

Jeffrey A Ginger, Adam K. Kehoe, and Navadeep Khanal— ginger@illinois.edu
University of Illinois at Urbana-Champaign

Keywords: Methods, cyberpower, community inquiry, PAR

POSTER #4

Leaders Wanted: Mentoring and Retaining Librarians of Color

Nicole Cooke— nicole.cooke@rutgers.edu
Rutgers University

Keywords: Diversity, spectrum, ALA, constant comparison, information gap, mentoring, communities

POSTER #5

Libraries as Bridges across the Digital Divide: Partnerships and Approaches Used in the U.S. Technology Opportunities Program, 1994-2005

Anna Pederson and Kate Williams— apeders5@illinois.edu
University of Illinois at Urbana-Champaign

Keywords: Grants, libraries, community informatics

POSTER #6

Redefining the Role of Information Brokers: The Case of Ghana's Agricultural Innovation System and Information Communication Technologies (ICTs)

Benjamin Addom—bkaddom@syr.edu
Syracuse University

Keywords: Information management, information policy, community informatics, knowledge management, qualitative methods

POSTER #7

Technology Access and Training in Public Libraries: A pilot study of technology assistance to patrons of the Urbana Free Library

Susan Rae Rodgers—srrodger@illinois.edu
University of Illinois at Urbana-Champaign

Keywords: Community informatics, qualitative methods, sustainability

POSTER #8

Social Inclusion in High School: A baseline behavioral study to inform the design of pro-diversity technology

Peyina Lin—pl3@u.washington.edu
University of Washington

Keywords: Social technologies, social media, structural approach, extracurricular and civic participation, social inclusion

POSTER #9

The Role of the Public Library in Society

Sarah M. Webb—swebb21@gmail.com
Syracuse University

Keywords: Public libraries

POSTER #10

Understanding How Vulnerable Populations Use Common Information and Communications Technologies (ICTs) to Access Health Care Information

Michelle Rogers, Lisl Zach, and Prudence Dalrymple—michelle.rogers@ischool.drexel.edu
Drexel University

Keywords: ICT, internet, healthcare, mobile computing, digital divide

DIGITAL LIBRARIES

POSTER #11

Developing a Usability Measurement Instrument in Academic Digital Libraries

Soohyung Joo— sjoo@uwm.edu
University of Wisconsin - Milwaukee

Keywords: Usability, measurement instrument, academic digital library

POSTER #12

The Imagined User of "Universal" Information Access Efforts: Ingrained Assumptions in Early American Public Libraries and Large-Scale Digitization Initiatives

Elisabeth A. Jones— eaj6@uw.edu
University of Washington

Keywords: Digitization, large-scale digitization initiatives, public libraries, library history, structural bias

POSTER #13

Hogs and Harvesters in the Digital Age: The Farm, Field, and Fireside Collection at the UIUC Library

Harriett Elizabeth Green—green19@illinois.edu
University of Illinois at Urbana-Champaign

Keywords: Digital archive, newspapers, humanities, metadata

POSTER #14

The need for qualitative methods in online user research in a digital library environment

Elke Greifeneder—greifeneder@ibi.hu-berlin.de
Humboldt-Universität zu Berlin

Keywords: Digital library, qualitative methods, user research, research design

E-GOVERNMENT, E-SCIENCE

POSTER #15

Improving federal policy on website accessibility

John Brobst— johnbrobst2000@yahoo.com
Florida State University

Keywords: Web accessibility, Section 508, information policy

POSTER #16

The Value of Public Sector Information as a Strategic Resource for Socioeconomic Development Research and Policy Activities in South Africa

Raed M. Sharif— raedsharif@yahoo.com
Syracuse University

Keywords: Public sector information, socioeconomic development, absorptive capacity, South Africa, developing countries

Poster Sessions

POSTER #35

The Jersey Punk Basement Scene: Exploring the Information Underground

Joe Sanchez, Aaron Trammell, Jessa Lingal, and Nathan Graham—sanchezj@rutgers.edu
Rutgers University

Keywords: Social informatics, information seeking, punk, information underground

POSTER #36

Researcher Subjects: Gaining Access and Building Trust in an Online Breast Cancer Support Group

Ellen L. Rubenstein—erubens3@illinois.edu
University of Illinois at Urbana-Champaign

Keywords: Online communities, health informatics, online ethnography

POSTER #37

Toward a Theoretical Framework for Digital Age Information Behavior of Youth

Kyungwon Koh— kwk05@fsu.edu
Florida State University

Keywords: Information behavior, youth, digital age, radical change theory

POSTER #38

Factors Influencing the Adoption of Social Media in the Perspective of Information Needs

Youngseek Kim, Minjae Kim, and Kyungseek Kim—youngseek@gmail.com
Syracuse University

Keywords: Social media, IT/IS adoption, information needs, gratification approach, TAM, innovation diffusion theory

POSTER #39

"Hi! I'm Harvey, A Consent Bot": How Automating The Consent Process In SL Addresses Challenges of Research Online

Peyina Lin, Mike Eisenberg, and John Marino—pl3@u.washington.edu
University of Washington

Keywords: Informed consent, virtual environments, online research

POSTER #40

Applying multimodal discourse analysis to the study of image-enabled communication

Jaime Snyder—jasnyd01@syr.edu
Syracuse University

Keywords: Multimodal discourse analysis, image-enabled discourse, visual communication

POSTER #41

The force of standards and guidelines in Web accessibility work

Alison Jane Benjamin—alison.benjamin@utoronto.ca
University of Toronto

Keywords: Standards, accessibility, inclusive design, science studies

POSTER #42

Achieving the Intercalation of the Social and the Technical in Computing: The SREC (Socially Robust and Enduring Computing) Program

David James Hakken, Vincenzo D'Andrea, and Maurizio Teli— dhakken@indiana.edu
Indiana University - Bloomington

Keywords: Combining technical and social aspects of computing, professional institutionalization of computing, the future of computing

POSTER #43

Sensemaking in the Space: An Alternative Design Perspective for Mobile Navigation Systems

Anna Wu, Xiaolong Zhang, and John Carroll—annawu@psu.edu
Pennsylvania State University

Keywords: Navigation, sensemaking, mobile interface design

INFORMATION MANAGEMENT

POSTER #44

Which Life-Cycle? Data Curation and Records Management Education

Nicholas Weber—nmweber@illinois.edu
University of Illinois at Urbana-Champaign

Keywords: Records management, data curation, collaboration

POSTER #45

Assessing Need for an Automated File Format Obsolescence Warning System for Digital Collections

Heather Louise Mae Bowden — hbowden@email.unc.edu
University of North Carolina at Chapel Hill

Keywords: Digital curation, tools, user-centered, file-formats, automation

POSTER #46

A Socio-Technical Analysis of the Interplay between Inter-Organizational Information Technologies and the Network Forms of Inter-Organizational Governance

Mohammad Hossein Jarrahi— mhjarahi@gmail.com
Syracuse University

Keywords: Inter-organizational information systems, actor network theory, institutional theories

POSTER #47

Modeling Staff Behavior in the Production of Information Products

Cameron Tuai—ctuai@indiana.edu
Indiana University

Keywords: Structural contingency theory, information services

POSTER #48

Annotations and the Digital Humanities Research Cycle: Implications for Personal Information Management

Marie-Eve Belanger— me.belanger@utoronto.ca
University of Toronto

Keywords: Annotation, personal information management, scholarly research model

INFORMATION ORGANIZATION

POSTER #49

The Study of Information Revisited: Chaos in the Emergence of Disciplinary Identity

Kathleen Burnett, Laurie J. Bonnici, and Manimegalai M. Subramaniam— kburnett@fsu.edu
Florida State University

Keywords: Information science, LIS, CIS, disciplinary identity

POSTER #50

A Classification of Agents and Entities Influencing Law Enforcement

Joseph Vincent Treglia—jvtregli@syr.edu
Syracuse University

Keywords: Classification, influence, entities, law enforcement agencies

POSTER #51

Enhancing Access to the Web: Vocabulary Analysis on Users' Tags and Professionals' Index Terms

Yunseon Choi— ychoi10@illinois.edu
University of Illinois at Urbana-Champaign

Keywords: Controlled vocabulary, folksonomy, subject gateways, subject indexing, social tagging

Poster Sessions

POSTER #52

Creating Context for User-Generated Tags: An Exploratory Study

Nicole D. Alemanne, Besiki Stvilia, and Corinne Jörgensen—nalemanne@fsu.edu
Florida State University

Keywords: Social tagging, metadata, image description, cultural heritage

POSTER #53

Building Folk UMLS: An Approach to Finding Meaning of Folk Terms in Medical Domain

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Keywords: Ontology, concept extraction, ontology concept matching

POSTER #54

Folktales & Folksonomies: Investigating the Utility of Tags as a Means of Description for Folktales

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Keywords: Folksonomy, tagging, information access, folktales

INFORMATION RETRIEVAL

POSTER #55

A Web Link Structure of the American Library & Information Science Field: A Pilot Study

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Keywords: Web link structure, library and information science, webometrics

POSTER #56

The Influence of Document Indexing on the Bilinear Property of Vector Space Model

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Keywords: Indexing, vector space model, inner product

POSTER #57

Why do users neglect suggestions?: Effects of semantic relatedness and task on word recognition

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Rutgers University

Keywords: Interactive search, query, semantic priming

POSTER #58

QIC: Query In Context for Educational Collections

Min Song and Lori Watrous-deVersterre—llw2@njit.edu
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Keywords: Context-sensitive text mining, digital libraries, ontologies, visualizations, information retrieval

POSTER #59

Automatic Extraction of Location Relations from Text

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Keywords: Information extraction, relation mining, text mining, knowledge discovery

POSTER #60

Personalizing Information Retrieval Using Task Stage and Task Type

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Keywords: Personalization of IR, contextual factors in IR, task stage, task type

POSTER #61

Community Interest Language Model for Ranking

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Keywords: Ranking, language model, community interest

POSTER #62

Analysis of query reformulation types on different search tasks

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Keywords: Query reformulation, search task

POSTER #63

Automated Keyword Extraction of Learning Materials Using Semantic Relations

Keisuke Inoue and Nancy McCracken— kinoue@syr.edu
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Keywords: Text rank, page rank, keyword extraction, metadata, semantic relatedness

POSTER #64

Embodying Research Methods into Fields and Tables: A Process of Informed Database Design

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UCLA

Keywords: Informed database design, research methods, ethnomethodology, information architecture

POSTER #65

Collaborative modeling for robot design

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Keywords: Elderly, collaborative modeling, robot design, agent-based modeling

POSTER #66

Using Paper Maps for Geospatial Data Collection

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University of California, Berkeley

Keywords: ICTD, geospatial data, participatory mapping, rural development

ISCHOOLS

POSTER #67

Digital Preservation Education in iSchools

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University of North Carolina at Chapel Hill

Keywords: Digital curation, digital preservation, graduate education, iSchool

POSTER #68

Assessing iSchool Effectiveness through Alumni Feedback: Preliminary Results from the Workforce Issues in Library and Information Science 2 (WILIS 2) Project

Joanne Gard Marshall, Jennifer Craft Morgan, Victor W. Marshall, Deborah Barreau, Barbara Moran, Paul Solomon, Susan R. Rathbun-Grubb, and Cheryl A. Thompson—susanrg@email.unc.edu
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Keywords: Education for IS, iSchool program evaluation, careers of IS graduates

POSTER #69

Participatory Media for Education: Driving Student-Centered Learning

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Keywords: Teaching and learning, education technology, social media, participatory media

POSTER #70

Common Ground: Exploring the intersection between information, technology, art and design

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Keywords: Multidisciplinary collaboration, iSchool movement, design

POSTER #71

Outside the Frame: Modeling Discontinuities in Video Stimulus Streams

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Keywords: Video, key frames, document theory, information theory, functional ontology

POSTER #72

Ph.D. Portal: Developing an Online iSchool Doctoral Student Community

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Drexel University
Keywords: User-centered design, community portal, information management, social network

POSTER #73

Preparing Future Digital Curation Faculty: Three Doctoral Fellows As Examples

Michael E. Brown, Kaitlin Costello, and Sarah Elisabeth Ramdeen—ramdeen@email.unc.edu
University of North Carolina at Chapel Hill
Keywords: Digital curation

POSTER #74

The LIS Virtual Library: A case study of library support for an iSchool

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Keywords: Virtual libraries, websites, electronic information resources, LIS education, change

POSTER #75

Extending an LIS Data Curation Curriculum to the Humanities: Selected Activities and Observations

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Keywords: Data curation, humanities, education, curriculum, libraries

POSTER #76

Commonality Analysis: Demonstration of an SPSS Solution for Regression Analysis

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Keywords: Commonality analysis, multicollinearity, suppression

POSTER #77

Aliases and Ambiguity: A case study of gene aliases, and implications for information curation and AI

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Keywords: Sociology of science, bioinformatics, name ambiguity
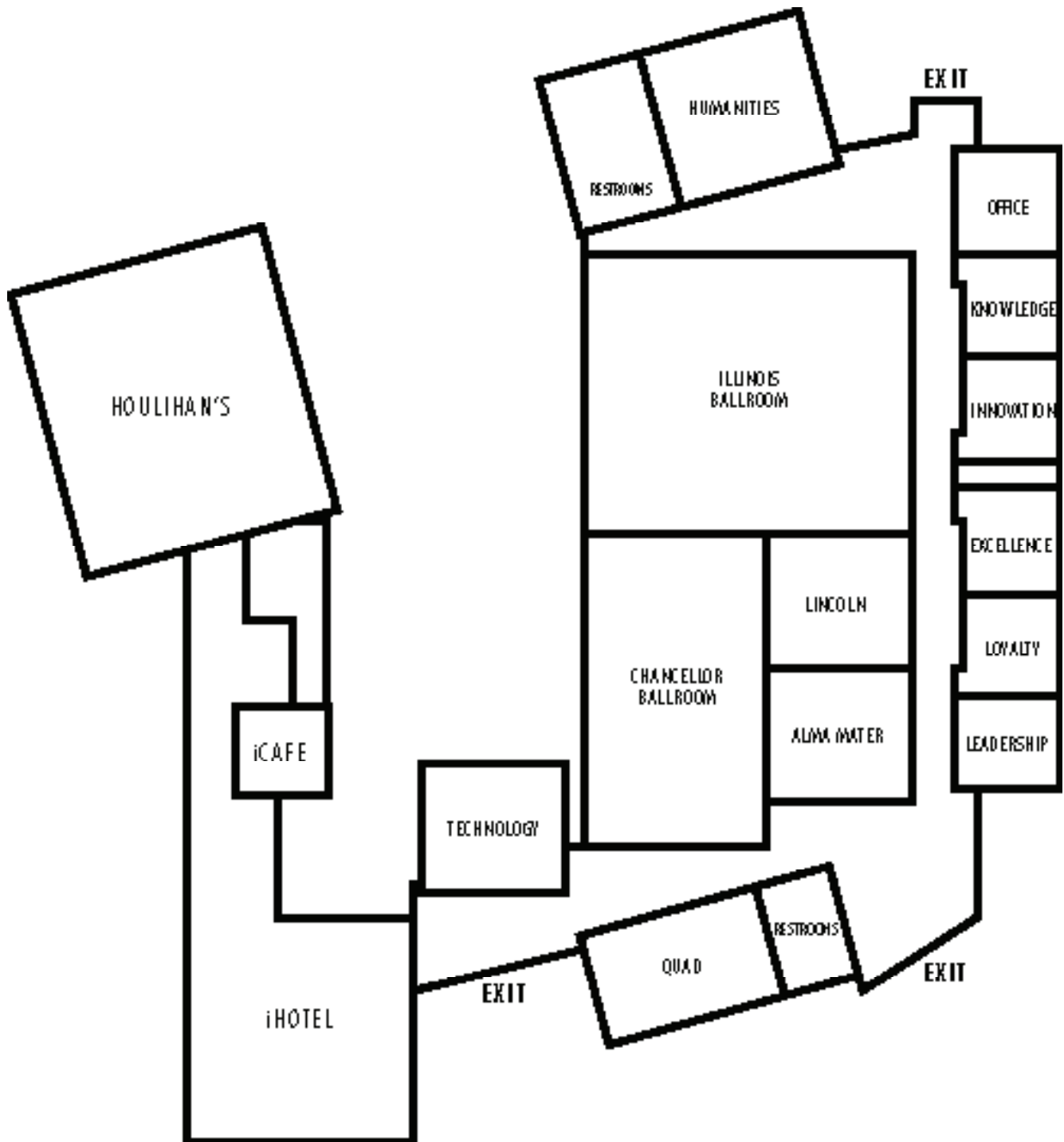
Notes

2011 iConference

Collabracadabration

Pronounced: kuh-lab-ruh-kuh-da-bur-ey-shuhn
1. a magical process of working together
2. a product of ordinary groups of people doing extraordinary work

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