iConference 2015

Create ★ Collaborate ★ Celebrate

Newport Beach, California, USA ★ March 24–27

Hosted by the University of California, Irvine Donald Bren School of Information and Computer Sciences
The iSchools organization and the Donald Bren School of Information and Computer Sciences at the University of California, Irvine wish to thank these sponsors for their generous support of iConference 2015.

**CONTRIBUTORS**

**Microsoft Research**

Founded in 1991, Microsoft Research is dedicated to conducting both basic and applied research in computer science and software engineering. More than 850 Ph.D. researchers openly collaborate with leading academic, government, and industry researchers to advance the state-of-the-art of computing and solve world problems through technological innovation. Microsoft Research has supported the iConference series since its inception, and also funds the Social Media Expo and Lee Dirks Award for Best Paper.

**Facebook**

Facebook is a premier online social networking service headquartered in Menlo Park, California.

**Nokia**

Nokia is a leader in the fields of network infrastructure, location-based technologies and advanced technologies. Thank you to Nokia for supporting our Student Volunteers program.

**National Science Foundation**

The National Science Foundation is an independent federal agency created by Congress in 1950 “to promote the progress of science; to advance the national health, prosperity, and welfare; to secure the national defense…” Each year, NSF provides a grant helping fund U.S.-based participants in the iConference Doctoral Colloquium.

**Hana Lab**

The Hana Lab is a behavioral research lab at the University of California, Irvine that focuses on how humans interact with technology in all its forms. Hana Lab supports a variety of types of research, including behavioral experiments, brainstorming sessions, demonstrations, design sessions, focus groups, interviews, participatory design, usability studies, video analysis, video prototyping and more.
MESSAGE FROM THE iCONFERENCE CHAIR

Welcome to the 10th meeting of the iConference. We all have come a long way from our earnest beginning at Penn State many years ago. The iSchool phenomenon is now a truly worldwide endeavor, as the list of schools on p. 32 shows. This is reflected in the international diversity of both our program and all of you attendees.

I am excited by the interesting program we have assembled that our Program Co-Chairs, Diane Bailey and Tom Finholt, describe in greater detail. I am especially pleased at our stellar cast of plenary speakers, whose topics represent both the diversity and the intellectual energy of our community.

On behalf of all of us who have worked for the past two years to put together this conference, we welcome you to southern California. While we of course hope you enjoy our sunshine and warmth, should we encounter some rain this week we locals will not be disappointed, as we are in the midst of one of the worst droughts in recent California history. But odds are we will have delightful weather.

While we are expecting you all to partake fully of our exciting program, we hope you also have a chance to enjoy the many interesting sites and activities of this region. We are adjacent to Fashion Island, with an amazing array of shops, galleries, and restaurants. The Newport Beach area features Balboa Island, the Newport Marina, and a host of excellent restaurants and shops. And farther afield there is the rich array of southern California attractions, including amusement parks, museums, parks, and of course the Pacific Ocean.

I want to extend my hearty thanks to all the members of the organizing and program committees and the many reviewers who have helped to make this meeting possible. I want to give special thanks to Debra Brodbeck and Clark Heideger, whose efforts and expertise have helped make this a first-rate conference.

I hope you learn new things, enjoy old friends, and meet new people, and enjoy the Newport Beach area.

Gary M. Olson
2015 iConference Chair
MESSAGE FROM THE iSCHOOLS CAUCUS CHAIR

As chair of the iSchools organization, I am pleased to welcome you to the 2015 iConference, which is the tenth in our series. The iSchools began as an informal group of colleagues and grew slowly into an international organization. Last year we took the long-contemplated step of incorporating. We chose the District of Columbia because it offered flexibility for electronic meetings that we could not get in other countries or states. Incorporation in practical terms means that we can have our own bank account, and need no longer rely on the kindness of colleagues at Drexel to pay our staff.

At a more subjective level, iSchool incorporation is like reaching adult status. We are now an independent legal entity and can act like one. In the last year we discussed the possibility of opening an office with staff, to handle correspondence, and we discussed taking formal positions on issues relevant to the iSchools. More discussion will be necessary before these actions can be implemented, but the possibility exists now for the first time.

Incorporation in the U.S. does not make the iSchools less international. At this time, half of our membership comes from outside of North America, and fewer than half come from the U.S. The European iSchool group is the second largest, but the number of Asian/Pacific members is growing fast. Partly in recognition of this, the 2017 iConference will take place at the Wuhan University School of Information Management in Wuhan, China, in collaboration with Korea’s Sungkyunkwan University Library and Information Science and Data Science Department.

Internationalization comes with complications. There was a time when English was overwhelmingly the native language of our group. While English remains dominant, about 30% of our heads-of-school grew up speaking a language other than English. Cultural differences play a role too. At one time a “dean” reporting to a provost had the top position at most member institutions. Today the diversity of titles and of institutional structures is much greater, including department heads and direct reports to university presidents. A small gathering of peers with similar titles is no longer possible: the iSchools have moved from being a “gang” to an organization with policies and infrastructure.

This next year will see continuing discussion and ongoing development of policies and procedures, and for these purposes good communication is critical. I encourage everyone to interact with your colleagues and learn from one another.

In closing, I would like to thank this year’s host, The Donald Bren School of Information and Computer Sciences at the University of California, Irvine, as well as its team of organizers. Next year’s iConference will be at Drexel University College of Computing & Informatics in Philadelphia. I hope you will all attend.

Michael Seadle
Chair, iSchools Caucus
Dean, Faculty of Humanities 1
Humboldt-Universität zu Berlin
MESSAGE FROM THE 
ICONFERENCE TECHNICAL 
PROGRAM CHAIRS

This year’s iConference reflects a number of changes that we hope enhance the program and permit different kinds of scholarly interaction. In the most notable change, we replaced the “Notes” category with “Preliminary Results Papers.” Our intent was to attract early stage work that would benefit from the developmental comments of our community. We received a fantastic range of topics and projects in this category, ultimately accepting 40 of 68 submissions (59% acceptance rate). We grouped these papers in 10 sessions so that the tone and tenor of the sessions might focus more on how to improve or extend the work going forward than to critique it.

In our “Completed Research Papers” category, which reflected fully articulated research, we accepted 51 of 141 submissions (36% acceptance rate). We grouped these papers into 17 sessions together so that the conversation might occur at a higher level of understanding and critique than in the preliminary papers sessions.

Another change we initiated occurred in the reviewing process. This year, each paper received two reviews from members of our community, plus a meta-review from a program committee member. This triangulated assessment provided thorough feedback to authors and helped us make acceptance decisions.

These combined changes have yielded award finalists that are reflective of the field as a whole and represent, in some cases, some non-traditional choices for awards. You can find the finalists for completed research papers, preliminary results papers, and posters on p. 11.

This year’s program also features many perennial favorites. Tuesday features 11 workshops, with a mix of all-day, half-day, and single session formats. We have eight sessions for interaction and engagement (SIE) from Wednesday through Friday. Wednesday and Thursday culminate in poster sessions; we accepted 99 of 134 poster submissions (74% acceptance rate). Early career and doctoral colloquia occur on Friday. Highlights of the program include our three plenary morning speakers, with Scott Page on Wednesday, Carole Goble on Thursday, and Christine Borgman on Friday. We invite you to enjoy this program, and hope that it spurs you to create, collaborate, and celebrate this week!

This program came to you through the hard work and true commitment to community of the many section chairs, whose names you will find listed on p. 4. We’d like to especially thank Clark Heideger (conference coordinator) and Debra Brodbeck (conference manager) for their incredible behind-the-scenes help!

Diane Bailey and Tom Finholt
iConference 2015 Technical Program Chairs
Committees

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Zhang, Zhan
Zhao, Yuxiang
Zou, Hongbo
This year, we chose to accept student volunteer applications from all iSchools. We believe that this will create valuable networking opportunities for a new generation of iSchool researchers. We selected 26 student volunteers from 13 different iSchools. They will do their best to make this iConference an unforgettable experience for all attendees!

Look for our student volunteers in these hawaiian shirts. If you need help, you can always find them at registration.

STUDENT VOLUNTEER CHAIRS
Julia Haines, University of California, Irvine
Bart Knijnenburg, University of California, Irvine

STUDENT VOLUNTEERS
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Erin Boehmer, University of California, Berkeley
Autumn Caviness, University of Texas at Austin
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GOT QUESTIONS?
Visit the registration desk. Registration is open 7:30am – 5:30pm each day.
WEDNESDAY, MARCH 25

Scott E. Page

Two Models of Collective Intelligence

Abstract
The topic of collective intelligence spans multiple disciplines: information, finance, economics, political science, computer science, ecology, sociology, psychology, and organizational studies to name just a few. Looking across those disciplines, one finds two types of models that purport to explain how collective intelligence emerge.

The first is based on statistical logic: errors cancel and the correct answer emerges. The second is based on analytic logic: diverse mappings aggregate to produce a correct mapping. The distinction between the two models is not merely semantic. They imply different weighting schemes and incentives.

Biography
Scott E. Page is the Leonid Hurwicz Collegiate Professor of Complex Systems, Political Science, and Economics at the University of Michigan and an external faculty member of the Santa Fe Institute. Scott is an elected fellow of the American Academy of Arts and Sciences and a former Guggenheim Fellow. His online course “Model Thinking” has attracted more than half a million students. He is currently working on an interdisciplinary book on modeling.
Carole Goble

Results Vary: The Pragmatics of Reproducibility and Research Object Frameworks

Abstract
In principle, reproducibility underpins the scientific method. But in practice the reuse and reproduction of scientific experiments is hard, dependent on bundling and exchanging the experimental methods, computational codes, data, algorithms, workflows and so on along with the narrative. These Research Objects are not fixed, just as research is not "finished": codes fork, data is updated, algorithms are revised, workflows break, service updates are released. Neither should they be viewed just as second-class artifacts tethered to publications, but the focus of research outcomes in their own right: articles clustered around datasets, methods with citation profiles. Many funders and publishers have come to acknowledge this, moving to data sharing policies and provisioning e-infrastructure platforms. Many researchers recognise the importance of working with Research Objects. The term has become widespread. However, What is a Research Object if you have to actually mint one, exchange one, build a platform to support one, curate one? How do we introduce ROs in a lightweight way that platform developers can migrate to? What is the practical impact of a RO Commons on training, stewardship, scholarship, sharing? How do we address the scholarly and technological debt of making and maintaining ROs? What do we really mean by reproducibility anyhow? I’ll present our practical experiences of introducing and delivering ROs in the Computational Biosciences for several European research projects, working with publishers and funders.

Biography:
Carole Goble is a Professor in the School of Computer Science, at the University of Manchester in the UK. She leads a large team of researchers and developers working in e-Science, building e-infrastructure for researchers working at the lab, national, and pan-national level. She is heavily involved in European cyberinfrastructures for the Life Sciences and is currently active in linking these with the NIH BD2K Commons initiative. She applies technical advances in knowledge technologies, distributed computing, workflows and social computing to solve information management problems for Life Scientists, especially Systems Biology, and other scientific disciplines, including Biodiversity, Chemistry, Health informatics and Astronomy. Her current research interests are in reproducible research, asset curation and preservation, semantic interoperability, knowledge exchange between scientists and new models of scholarly communication. She has recently been advocating the releasing of research as Research Objects (www.researchobject.org) and is a long-established leading figure in the Semantic Web and Linked Data. In 2008 she was awarded the Microsoft Jim Gray award for outstanding contributions to e-Science and in 2010 was elected a Fellow of the UK’s Royal Academy of Engineering. In 2014 she was appointed Commander of the Order of the British Empire for her Services to Science.
Christine L. Borgman
Creating, Collaborating, and Celebrating the Diversity of Research Data

Abstract
Research data can be viewed as scholarly products to be shared, mined, and curated — or as transient artifacts of the research process, incomprehensible without context, domain knowledge, and associated software and technologies. These two perspectives represent but one of many dimensions over which research data vary. Data are not things. Rather, they are representations of observations, objects, or other entities used as evidence of phenomena for the purposes of research or scholarship. They are created in a context, often as part of collaborative research activities. Whereas data practices vary widely across domains, disciplines, and cultures, research policy and technological infrastructures promote uniform approaches to data management. By celebrating the diversity of research data, their value and richness may be enhanced. However, that diversity poses challenges for preserving context, for stewardship, for exploiting data in collaborations across research domains, and for reuse over the short and long term.

Biography
Christine L. Borgman, Professor & Presidential Chair in Information Studies at UCLA, is the author of more than 200 publications in information studies, computer science, and communication, including three books published by the MIT Press. Big Data, Little Data, No Data: Scholarship in the Networked World, released in January 2015, follows Scholarship in the Digital Age: Information, Infrastructure, and the Internet (2007) and From Gutenberg to the Global Information Infrastructure: Access to Information in a Networked World (2000), winners of the Best Information Science Book of the Year award from the Association for Information Science and Technology. She is a Fellow of the American Association for the Advancement of Science and of the Association for Computing Machinery; recipient of the Paul Evan Peters Award from the Coalition for Networked Information, Association for Research Libraries, and EDUCAUSE and the Research in Information Science Award from the American Association of Information Science and Technology; a Legacy Laureate of the University of Pittsburgh; a member of the Board of Directors of the Electronic Privacy Information Center; and U.S. Co-Chair of the CODATA-ICSTI Task Group on Data Citation and Attribution. Prof. Borgman leads the Knowledge Infrastructures Lab at UCLA with funding from the Alfred P. Sloan Foundation and the National Science Foundation. Her visiting appointments include Visiting Scholar, Digital Archiving and Networked Services (Royal Academy, Netherlands), Oliver Smithies Fellow (Balliol College, University of Oxford), Oxford Internet Institute, Oxford eResearch Centre, Fulbright Professor (Budapest), and Loughborough University (U.K.).

Copies of Christine Borgman’s most recent book, Big Data, Little Data, No Data: Scholarship in the Networked World, will be available for purchase and signing at the Farewell Ice Cream Social on Friday.
Doctoral Dissertation Award

Each year, the iSchools organization recognizes outstanding work in the information field with the Doctoral Dissertation Award. The award is presented to the author of the dissertation judged the best to have been completed during the preceding academic year at any iSchools institution. The Doctoral Dissertation Award will be presented at the Banquet Dinner at Newport Dunes on Wednesday, March 25.

The winner receives a prize of $2,500 US, the runner up $1,000. Starting this year, each also receives a travel allowance to help offset the cost of attending the iConference.

2015 WINNER
Xinru Page, Ph.D.
Donald Bren School of Information and Computer Sciences, University of California, Irvine

Factors that Influence Adoption and Use of Location-Sharing Social Media

Biography: Xinru Page is an Assistant Professor in Computer Information Systems at Bentley University. Her current research focuses on privacy, technology adoption, interpersonal communication, social media and human computer interaction. She holds a B.S. and M.S. in Computer Science from Stanford University, and a Ph.D. in Information and Computer Science from the University of California, Irvine. Before rejoining academia, Dr. Page led interaction design and product management in industry, and was chosen as a Women Tech Council award finalist. At UC Irvine, she received a Dean’s fellowship and Yahoo! Best Dissertation Fellowship Award.

The program committee noted that Dr. Page’s dissertation was timely and important, making a tangible contribution to gaps in research and practice pertaining to location sharing social medial. One reviewer called the dissertation a multi-method tour de force, which masterfully integrates qualitative and quantitative research.

2015 RUNNER UP
Laura Sheble, Ph.D.
School of Information and Library Science of the University of North Carolina at Chapel Hill

Diffusion of Meta-Analysis, Systematic Review, and Related Research Synthesis Methods: Patterns, Contexts, and Impact

Biography: Laura Sheble earned her Ph.D. in Information and Library Science at the University of North Carolina, Chapel Hill. Within the broad space of research and data practices, informetrics, and science-society interactions, Laura is interested in questions related to diversity and synthesis, novelty and reuse, visualization, change over time, and the co-influences of research and practice. Previously, she was a systems librarian at the Detroit Area Library Network and e-resources librarian at Wayne State University, where she earned an MLIS. Dr. Sheble works with the Center for Health Equity Research at UNC to map use of systems science methods in the health sciences.

The program committee felt the topic of Dr. Sheble’s dissertation was very relevant to the future development of the information fields, with important implications on how the evidence-based research can be conducted and research findings from multiple studies in various fields can be synthesized.

2015 DISSERTATION AWARD PROGRAM COMMITTEE
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Vivien Petras, Humboldt-Universität zu Berlin
Barbara Wildemuth, University of North Carolina at Chapel Hill
Elizabeth Yakel, University of Michigan (co-chair)
Oksana Zavalina, University of North Texas
Baihua Zheng, Singapore Management University
Michael Zimmer, University of Wisconsin–Milwaukee

MORE
For more on this year’s honorees, including extended remarks from the chairs and links to the dissertations, visit http://ischools.org/the-iconference/program/dissertation-award/
Papers and Posters Awards

The following awards recognize outstanding submissions to the iConference 2015 program.

LEE DIRKS AWARD FOR BEST PAPER
Sponsored by Microsoft Research, this award is presented to author(s) of the conference’s most outstanding completed research paper. The award comes with a trophy and prize of $5,000 U.S. The winning paper will be announced at the opening plenary on Wednesday, March 25. This award honors the memory of Lee Dirks, long-time friend and supporter of the iConference.

FINALISTS
Designing a Mobile Crowdsourcing System for Campus Safety
Elliot Tan (Princeton University), Huichuan Xia, Cheng Ji, Ritu Virendra Joshi, Yun Huang (Syracuse University)
Thurs Mar 26, 10:30am-12:00pm, Salon A-B

Motherhood and Social Networking Sites: How do sociocultural contexts and technological factors affect Korean mothers’ KakaoStory use?
Jinyoung Kim, Myeong Lee, Chiyoungh Oh (University of Maryland)
Thurs Mar 26, 10:30am-12:00pm, Salon C

Online Media Forums as Separate Social Lives: A Qualitative Study of Disclosure Within and Beyond Reddit
Martin Shelton, Katherine Lo, Bonnie Nardi (UC Irvine)
Thurs Mar 26, 10:30am-12:00pm, Salon C

“She said yes!” - Liminality and Engagement Announcements on Twitter
Munmun De Choudhury (Georgia Tech), Michael Massimi (Microsoft Research)
Thurs Mar 26, 10:30am-12:00pm, Salon C

Use and Adoption Challenges of Wearable Activity Trackers
Patrick C. Shih, Kyung-Sik Han, Erika Shehan Poole, Mary Beth Rosson, John M. Carroll (The Pennsylvania State University)
Thurs Mar 26, 2:00pm-3:30pm, Salon C

MOST INTERESTING PRELIMINARY RESULTS PAPER
This award goes to the author(s) of the most intriguing paper in the preliminary results category. The winning paper will be announced at the plenary session on Thursday, March 26.

FINALISTS
Informal Networks, Phones and Facebook: Information Seeking and Technology Use by Undocumented Migrants at the U.S.-Mexico Border
Bryce C. Newell, Ricardo Gomez (University of Washington)
Thurs Mar 26, 4:00pm-5:30pm, Salon D

The New-to-Online Instructor: Conceptions, Desires and Expectations
Jenna Kamber, University of Missouri
Thurs Mar 26, 10:30am-12:00pm, Salon E-F

Self-Obviating Systems and their Application to Sustainability
Bill Tomlinson, Juliet Norton (UC Irvine), Eric P. S. Baumer (Cornell University), Marcel Pufal (UC Irvine), Barath Raghavan (ICSI / De Novo)
Weds Mar 25, 1:45pm-3:15pm, Salon E-F

Understanding Black Males’ IT Career Choices
Lynette Kvasny (The Pennsylvania State University), KD Joshi (Washington State University), Eileen Trauth (The Pennsylvania State University)
Thurs Mar 26, 2:00pm-3:30pm, Salon D

Visual First Amendment: Using empirical legal methods and visualization techniques to enhance understanding of Supreme Court rulings
Debbie Lee Rabina, Chris Sula (Pratt Institute)
Weds Mar 25, 1:45pm-3:15pm, Salon E-F

BEST POSTER AWARD
Given to the author(s) of the year’s best research poster presentation, the winning poster will be named during the second poster session on Thursday, March 26.

FINALISTS
Mapping Data Journeys: Design for an interactive web site
Paula Goodale, Jo Bates (University of Sheffield), Yuwei Lin (University of Creative Arts)

Metaphors of Privilege: Public Library Makerspace Rhetoric
Shannon A. Crawford Barniskis (University of Wisconsin-Milwaukee)

Understanding Health Information Intent via Crowdsourcing: Challenges and Opportunities
Di Li, Yihan Lu, Wei Jeng, Rosta Farzan, Yu-Ru Lin (University of Pittsburgh)

Understanding the Relationship between Scholars’ Breadth of Research and Scientific Impact
Shiyan Yan, Carl Lagoze (University of Michigan)

Using Ethnography of Email to Understand Distributed Scientific Collaborations
Sarika K. Sharma, Matt Willis, Jaime Snyder, Carsten Osterlund, Steve Sawyer (Syracuse University)
WEDNESDAY, MARCH 25
3:45 PM – 5:15 PM
Laguna + Sunset

The iConference, in collaboration with FUSE Labs of Microsoft Research, is pleased to present our third iConference Social Media Expo. This year’s theme was government open data and social media.

Student teams from member iSchools were invited to submit an abstract and video for consideration. The five teams listed below were selected to make presentations at iConference 2015. Each team received a grant from Microsoft Research and supplemental funds from their school to help cover costs of attending the conference.

The 2015 Social Media Expo session takes place Wednesday, March 25, 2015, from 3:30 to 5:00 pm in rooms Laguna and Sunset. The Expo Organizing Committee will announce its decision on the best presentation at the conclusion of the session.

Visit our website for links to the video presentations: http://ischools.org/the-iconference/program/social-media-expo/

2015 SOCIAL MEDIA EXPO PROJECTS
(alphabetically, by title)

**eMigrate: Aggregating Government Open Data for Enhanced Job Category Selection in Support of Immigration Applications**
School: University of Toronto: Faculty of Information
Team: Eva Hourihan Jansen, Jenna Jacobson, Gabby Resch
Faculty Sponsor: Rhonda McEwen

**The Police Officer Involved Homicides Database Project**
School: University of California, Los Angeles: Department of Information Studies
Team: Morgan Currie, Brittany Paris, Irene Pas quoetto, Jennifer Pierre, Ashley E. Sands
Faculty Sponsor: Leah Lievrouw

**Racial Violence Archive: Public Information System on Incidents of Violence during the Civil Rights Period**
School: University of California, Irvine: The Donald Bren School of Information and Computer Sciences
Team: Hosub Lee, Michael Bellato, Sowmya Jain, Fernando Spanglerho, Roeland Singer-heinze, Ya-Wen Lin, Sunakshi Gupta, Geoff Ward
Faculty Sponsors: Alfred Kobsa and Geoff Ward

**Society Key: Integrating Social Media Data with Governmental Open Data to Encourage Community Wellbeing**
School: Rutgers, The State University of New Jersey: School of Communication and Information
Team: Ziad Matni, Jennifer Sonne, Dongho Choi
Faculty Sponsor: Chirag Shah

**TransparencyScience. Return on research investment, where do the funds go?**
School: Polytechnic University of Valencia: School of Informatics
Team: Lidia Contreras, Cristina I. Font, Paulina Morillo, Diego Vallejo
Faculty Sponsor: Antonia Ferrer Sapena

SOCIAL MEDIA EXPO ORGANIZING COMMITTEE
Shelly D. Farnham, Third Place Technologies
Robert M. Mason, University of Washington
Andres Monroy-Hernandez, Microsoft Research

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FRIDAY, MARCH 27
2:00 PM – 5:30 PM
Laguna + Sunset

This half-day event is intended for assistant professors, post-docs, or others in pre-tenure positions and builds on the tradition of highly successful events at past iConferences. The program will include panels by recently tenured and experienced faculty, and small group discussions to provide informal dialogue, guidance, and insights. Topics typically include: setting a research agenda, balancing teaching and research, time management, publishing strategies, faculty mentoring, dealing with a multidisciplinary faculty, working with doctoral students, grant writing, collaborative research, and faculty politics.

EARLY CAREER COLLOQUIUM CHAIRS
Ingrid Erickson, Rutgers University
Kristin Eschenfelder, University of Wisconsin, Madison
Ravi Vatrapu, Copenhagen Business School
Doctoral Colloquium

FRIDAY, MARCH 27
8:30 AM – 5:30 PM
Cardiff

CHAIRS
Wayne Lutters, UMBC
Volker Wulf, University of Siegen

MENTORS
Catherine Blake, University of Illinois at Urbana Champaign
Geoffrey Bowker, University of California, Irvine
Brian Butler, University of Maryland
Susan Gasson, Drexel University
Gillian Hayes, University of California, Irvine
Howard Rosenbaum, Indiana University
Stephanie Teasley, University of Michigan

PARTICIPANTS
Nicole D. Alemanne, Florida State University
Mapping the Social World Boundaries of Interdisciplinary Teams: Processes for Working Across Disciplines

Meryl Alper, University of Southern California
Home Screen Home: How Parents of Children with Disabilities Navigate Family Media Use

Kathy Michelle Carbone, University of California, Los Angeles
Artists in the Archive: A Study of the Artist-in-Residence Program at the Portland Archives & Records Center

Alissa Lorraine Centivany, University of Michigan and University of Toronto
Understanding Organizational Responses to Innovative Deviance: A Case Study of HathiTrust’s Mass Digitization Project

Steven Siu Fung Chong, University of Arizona
Developing Environmental Indicators Informed by Traditional Knowledge

Roderic N. Crooks, University of California, Los Angeles
The Coded Schoolhouse

Guo Freeman, Indiana University Bloomington
In-game Marriage as Intimacy-mediated Collaboration

Patricia Garcia, University of California, Los Angeles
Beyond the Textbook: Primary Sources and Inquiry-based Learning in K-12 Classrooms

Yurong He, University of Maryland
Collaborative Data Sharing in an Information Integration System

Sen Hsia Hirano, University of California, Irvine
Developing and Evaluating Novel Interactive and Autonomous Sensor Fusion Technologies to Support Multi-Media Education Platforms for Cooking

Jonathan M. Hollister, Florida State University
In- and Out-of-Character: The Digital Literacy Practices and Emergent Information Worlds of Active Role-Players in a New Massively Multiplayer Online Role-Playing Game

Sheril Hook, University of Toronto, Canada
Simultaneous Production of Agent and Agency: Information Literacy in a Neoliberal Context

Piyapat Jarusawat, University of Sheffield
An Exploration of the Value of a Collaborative Model of Collection Management for Lanna Cultural Material in Libraries in Northern Thailand

Adam Kriesberg, University of Michigan

Nicolás James LaLone, Penn State University
The Spaces Between

Zack Lischer-Katz, Rutgers University
Standard Observers: Understanding the Standardization of Practice in the Digital Reformatting of Visual Documents

Angela Patricia Murillo, University of North Carolina at Chapel Hill
Data Sharing and Reuse in the Sciences: An Investigation of Infrastructure Factors

Sun Young Park, University of California, Irvine
Investigating Patient Information Needs in an Emergency Care Setting

Sarah Ramdeen, University of North Carolina at Chapel Hill
Information Seeking Behavior of Scientists when Searching for Physical Geological Data

Gabby Resch, University of Toronto, Canada
Materializing Collapse: Critical Making Interventions That Illuminate What We Might Learn About the Present When Imagining, Designing, and Working to Construct Solutions for Radical Future Transformations

Ashley E. Sands, University of California, Los Angeles
How and Why to Manage Astronomy Research Data: Case Studies of Big and Small Research Projects

Kristen Michelle Schuster, University of Missouri
A Sequential Exploratory Mixed Methods Study of Carnegie Libraries and the Library Profession, 1890-1910

Melinda Sebastian, Drexel University
Investigating the Way We See the Upskirt: The Social and Legal Implications of Gendered Surveillance Online

Andrea Karoline Thomer, University of Illinois at Urbana-Champaign
Computer Supported Cooperative Curation: Supporting Natural History Informatics

Thomas von Rekowski, Universität Siegen
Community Supported Constructionist Learning Designing Virtual (Constructionist- and Social-) Learning Environments for Children

Zhan Zhang, Drexel University
Supporting the Pre-Hospital Information Sharing, Use and Retention during Emergency Medical Resuscitations

Douglas Zytko, New Jersey Institute of Technology
Evaluation of Potential Partners in Online Dating Systems for Face-to-Face Meetings

The iConference Doctoral Colloquium is made possible in part by a generous grant from the National Science Foundation (1519338). Additional funding has been provided by the iSchools. Special thanks to the NSF and the iSchools for their support.

itschools.org/the-iconference/ | 13
Special Events

In addition to the extensive program, the iConference is a venue for social events, special meetings, and special presentations. Please note that some of these are open to all iConference participants, while others are by-invitation and/or require advance sign-up. Sign-up information can be found on the conference website.

SOCIAL EVENTS

iConference Welcome Reception
Tuesday, March 24, 5:30 to 7:00 pm
Location: Seaview Terrace
The conference’s traditional opening reception will take place on the Seaview Terrace of the conference hotel. Drinks and hors d’oeuvres will be served.

iConference Banquet Dinner
Wednesday, March 25, 6:30 to 10:00 pm
Location: Newport Dunes
The banquet dinner will take place off-site at the harborside Newport Dunes dining facility. Coaches will be available for transport beginning at 6:00 pm, and will return to the hotel after dinner. Dinner is included with full regular and student registrations (dinner is not included in the One Day registration).

iConference Poster Session with Reception
Thursday, March 26, 5:30 to 7:00 pm
Location: Newport Coast Ballroom
Join us for a reception during the poster session on Thursday. The award for Best Poster will be given at the reception. Drinks and hors d’oeuvres will be served.

iConference Farewell Ice Cream Social
Friday, March 27, 12:00 – 1:30 pm
Location: Rose Garden
Socialize with colleagues, reflect on this year’s conference, say goodbye to friends, and make plans to meet again in 2016. Ice cream with a local flare will be served.

OTHER SOCIAL EVENTS

UC Irvine ICS iSchool Reception
Thursday, March 26, 6:00 to 7:30 pm
Location: Cardinal Room
UC Irvine ICS alumni, faculty, staff, and current students are invited to join Dean Hal Stern and Chair André van der Hoek at this reception. Private event.

iDeans Dinner
Thursday, March 24, 7:30 to 10:30 pm
Location: Fleming’s Restaurant in Fashion Island
All heads of member iSchools are invited to be dinner guests of iCaucus Chair Michael Seadle and iConference 2015 Host-Dean Hal Stern of the UC Irvine Donald Bren School of Information and Computer Sciences.

MEETINGS

Undergraduate Education in iSchools
Tuesday, March 24, 9:00 am to 4:30 pm
Location: Sapphire Cove
Organizer: John Leslie King (University of Michigan)
Participants will discuss undergraduate education in iSchools, including what to focus on in the 21st Century, the role of lifelong learning, and more. Each iSchool is invited to send a representative, and participation must be confirmed in advance.

iSchools Meeting
Tuesday, March 24, 1:30 to 5:30 pm
Location: Cardiff
Organizer: Michael Seadle, iCaucus Chair
This private meeting of iSchools deans, heads of schools, and selected guests will address general issues pertaining to iSchools. Invitation only.

iCaucus Meeting
Wednesday, March 25, 1:30 to 3:30 pm
Location: Cardiff
Organizers: Sam Oh (SKKU), Gobinda Choudhury (Northumbria University), Mika Grundström (University of Tampere)
This private meeting of iCaucus school heads will address issues raised in Tuesday’s iSchools Leadership Meeting. Invitation only.

iSchools Marketing & Communications Meeting
Wednesday, March 25, 2:00 to 5:30 pm
Location: Sapphire Cove
Organizer: Ulrike Stöckel (Humboldt University)
This meeting will explore the opportunities and challenges of bringing the iSchools message to a wider audience, and is open to all iSchools Marketing/Communications directors and practitioners.

iSchools Development Officers Meeting
Thursday, March 26, 8:30 am – 12:00 pm
Location: Sapphire Cove
Organizer: Marci Carothers (University of Pittsburgh)
This meeting will provide an opportunity to discuss fundraising priorities, international fundraising and alumni relations efforts, stewardship, and more. Open to iSchools Development Officers and practitioners.

iCaucus Business Meeting
Thursday, March 26, 10:30 am to 5:30 pm
Location: Cardiff
Organizer: Michael Seadle, iCaucus Chair
All heads of member iSchools may participate in this annual iCaucus meeting in which permanent and elected members vote on organizational business matters. Invitation only.

PRESENTATIONS

Microsoft Azure Machine Learning Demonstration
Wednesday, March 25, 12:15 – 1:15 pm
Location: Laguna + Sunset
Presenter: Alex Wade (Microsoft Research)
See how this new offering from Microsoft makes it easy for the academic community to use machine learning technology for their research. This demo is open to all Conference participants, and you will learn about free access opportunities for research and classroom instruction.

NSF Funding Overview (unofficial)
Thursday, March 26, 10:30 am - noon
Location: Laguna + Sunset
Organizer: Kevin Crowston (Syracuse University)
This informal discussion of National Science Foundation funding opportunities and practices is open to all conference attendees.

MORE

For RSVP instructions and other event details, go to http://ischools.org/the-iconference/program/special-meetings/
FULL DAY
Location: Salon 1+2
Workshop 1
Trace Ethnography
Amelia Acker (University of Pittsburgh), Matt Burton (University of Pittsburgh), R. Stuart Geiger (UC Berkeley), David Ribes (Georgetown University)

Location: Salon 3
Workshop 2
Exploring Gender, Race, and Sexuality with Social Media Data
Oliver L. Haimson (UC Irvine), Amanda Menking (University of Washington), Jordan Eschler (University of Washington), Ingrid Erickson (Rutgers University), Gillian R. Hayes (UC Irvine)

Location: Laguna
Workshop 4
Digital Youth Research Network: Defining The Field, Building Connections, and Exploring Collaborations
Beth Juncker (University of Copenhagen), Eric Meyers (University of British Columbia), Marianne Martens (Kent State University), Gitte Balling (University of Copenhagen), Karen E. Fisher (University of Washington), Ross Todd (Rutgers University)

Location: Sunset
Workshop 5
ICT for Sustainability
Birgit Penzenstadler (UC Irvine), Christoph Becker (University of Toronto), Eli Blevis (Indiana University, Bloomington), Kenneth R. Fleischmann (University of Texas at Austin), Beth Karlin (UC Irvine), Lisa Nathan (University of British Columbia), Juliet Norton (UC Irvine), Anikta Raturi (UC, Irvine), Debra Richardson (UC Irvine), Michael (Six) Silberman (UC Irvine), Bill Tomlinson (UC Irvine)

Location: Salon 4
Workshop 6
Sociotechnical Approaches to Fieldwork and Trace Data Integration
Steven Sawyer (Syracuse University), Warren Allen (Florida State University), R. Stuart Geiger (UC Berkeley), Carlos Monroy (Rice University), Kalpana Shankar (University College Dublin), Norman Makoto Su (Indiana University, Bloomington), Stephen Voida (Indiana University, Indianapolis)

Location: Sapphire Cove
Meeting
Undergraduate Education in iSchools
Organizer: John L. King (University of Michigan)

MORNING HALF-DAY
Location: Salon 5
Workshop 7
Authoring, Designing, and Delivering Ebooks: A Research and Practice Agenda
Robert J. Glushko (UC Berkeley), Alex Milowski (UC Berkeley), Murray Maloney (Independent)

Location: Baycliff
Workshop 8
Values as Generative Forces in Design
Kenneth R. Fleischmann (University of Texas at Austin), Katie Shilton (University of Maryland College Park), Lisa Nathan (University of British Columbia), Ingrid Erickson (Rutgers University)

Location: Avalon
Workshop 9
Visualization Pedagogy in iSchools
Jeff Hemsley (Syracuse University), Jaime Snyder (University of Washington), Joseph Cottam (Indiana University), Brian Fisher (Simon Fraser University), Vicki Lemieux (University of British Columbia), Jeff Stanton (Syracuse University), Yang Wang (Syracuse University)

AFTERNOON HALF-DAY
Location: Salon 5
Workshop 10
On the Role of Engagement in Information Seeking Contexts: From Research to Implementation
Ioannis Arapakis (Yahoo Labs, Barcelona), Irene Lopatovska (Pratt Institute, New York), Heather O’Brien (University of British Columbia)

Location: Baycliff
Workshop 11
Evaluating Cultural Heritage Information Systems
Juliane Stiller (Max-Planck-Institute for the History of Science), Vivien Petras (Humboldt-Universität zu Berlin), Maria Gade (Humboldt-Universität zu Berlin), Antoine Isaac (Europeana)

Location: Avalon
Workshop 12
A Collaborative Approach to Improving Information Ethics Education
Alissa Centivany (University of Toronto and University of Michigan), Michael Zimmer (University of Wisconsin-Milwaukee), Melissa Chalmers (University of Michigan), Rebecca Frank (University of Michigan)

Meeting (By Invitation)
iSchools Meeting
Organizer: Michael Seadle (Humboldt-Universität zu Berlin)

SCHEDULE
8:30 – 10:00
10:00 – 10:30 / Break
10:30 – 12:00
12:00 – 2:00 / Lunch On Your Own
2:00 – 3:30
3:30 – 4:00 / Break
4:00 – 5:30
5:30 – 7:00 / Welcome Reception, Location: Sea View Terrace

MORE
More information about the workshops is available on the iConference website at: http://ischools.org/the-iconference/program/workshops/
Schedule

8:30 AM – 10:00 AM
PLENARY SESSION 1
Session Chair: Gary Olson (UC Irvine)
Conference Welcome
Gary Olson (UC Irvine)
Michael Seadle (Humboldt-Universität zu Berlin)
Lee Dirks Best Paper Award
Alex Wade (Microsoft Research)

10:00 AM – 10:30 AM — BREAK

10:30 AM – 12:00 PM
COMPLETED PAPERS 1: EXPLORING SCIENTIFIC WORK
Session Chair: Kalpana Shankar (University College Dublin)
On the value of ‘useless data’: Infrastructures, biodiversities, and policy
Steve Slota (UC Irvine), Geoffrey C. Bowker (UC Irvine)
Examining Data Processing Work as Part of the Scientific Data Lifecycle: Comparing Practices Across Four Scientific Research Groups
Drew Paine (University of Washington), Erin Sy (University of Washington), Ron Piell (University of Washington), Charlotte P. Lee (University of Washington)
Beyond Big or Little Science: Understanding Data Lifecycles in Astronomy and the Deep Subseafloor Biosphere
Peter T. Darch (UCLA), Ashley E. Sands (UCLA)

12:00 PM – 1:45 PM — LUNCH ON YOUR OWN

1:45 PM – 3:15 PM
COMPLETED PAPERS 4: DEVELOPING ONLINE INTERACTION
Session Chair: Warren Allen (Florida State University)
“Like a Real Friendship”: Translation, Coherence, and Convergence of Information Values in LibraryThing and Goodreads
Adam Worrell (Florida State University)
Social Epistemology and Cognitive Authority in Online Comments about Vaccine Safety
Colin Doty (UCLA)
Is it Institutional or System Trust: Mediating the Effect of Generational Cohort Membership on Online Banking Intentions
Saleem Alhabash (Michigan State University), Brandon Allen Brooks (Michigan State University), Mengtian Jiang (Michigan State University), Nora J. Bilhon (Michigan State University), LaRone Robert (Michigan State University), Cotten Shelia (Michigan State University)

ARCHIVES
The iConference 2015 proceedings have been archived in the Illinois Digital Environment for Access to Learning and Scholarship (IDEALS):
https://www.ideals.illinois.edu/handle/2142/73276

DATA
CREATING BOOK AND JOURNAL CONTENT
EXTRACTING, COMPARING AND RANKING
COMPLETED PAPERS 2: ADDRESSEE, POLICY AND ETHICS
Session Chair: Andrew Clement (University of Toronto)
Innovative Deviance: A Theoretical Framework Emerging at the Intersection of Copyright Law and Technological Change
Alissa Lorraine Centivany (University of Michigan and University of Toronto), S.S. Ravi (SUNY University at Albany), Loni Hagen (SUNY University at Albany), Christopher Kotfila (SUNY University at Albany), Feng Chen (SUNY University at Albany)

Preliminary Papers 2: Big Data, Big Infrastructure, Big Knowledge
Session Chair: Cecilia Aragon (University of Washington)
Gateways: Historical Underpinnings of a Single Internet
Bradley Fidler (UCLA), Morgan Currie (UCLA)
Data Journeys as an approach for exploring the socio-cultural shaping of (big) data: the case of climate science in the United Kingdom
Jo Bates (University of Sheffield), Paula Goodale (University of Sheffield), YuWei Lin (University for the Creative Arts)
Emerging Insights on Building Infrastructure for Data-Driven Transparency and Accountability of Organizations
Kathleen Pine (UC Irvine), Melissa Mazmanian (UC Irvine)
A Pricing Model for Data Markets
Judd Randolph Heckman (UC Berkeley), Erin Laurel Bohemer (UC Berkeley), Elizabeth Hope Peters (UC Berkeley), Milad Davaloo (UC Berkeley), Nilesh Gopinath Kurup (UC Berkeley)
**SALON E-F**

**PRELIMINARY PAPERS 1: SOUND, LANGUAGE AND CULTURE**

Session Chair: Nicholas Belkin (Rutgers University)

Collective Archiving of Soundscapes in Socio-Cultural Context
Sou Hwan Choe (Sungkyunkwan University), Young Man Ko (Sungkyunkwan University)

Understanding User Behavior on Online Music Distribution Sites: A Discourse Approach
Hiromi Ishizaki (KDDI R&D Laboratories), Susan C. Herring (Indiana University), Gen Hattori (KDDI R&D Laboratories), Yasuhiro Takishima (KDDI R&D Laboratories)

“Lost in Translation”: Language, Meaning, Disruption
John M. Budd (University of Missouri)

**SALON E-F**

**PRELIMINARY PAPERS 3: VISUALIZATION AND INTERACTION**

Session Chair: Chirag Shah (Rutgers University)

Visual First Amendment: Using empirical legal methods and visualization techniques to enhance understanding of Supreme Court rulings
Debbie Lee Rabina (Pratt Institute), Chris Sula (Pratt Institute)

Revealing textual polarity patterns with a browser extension
Mikko Tuomela (University of Illinois at Urbana-Champaign)

Self-Obviating Systems and their Application to Sustainability
Bill Tomlinson (UC Irvine), Juliet Norton (UC Irvine), Eric P. S. Baumer (Cornell University, Ithaca), Marcel Punal (UC Irvine), Barath Raghavan (ICSI / De Novo)

Engaging digital artworks through emotion: Interface design case study
Irene Lopatovska (Pratt Institute), Kathleen L. Arthur (Pratt Institute), Corina Bardoff (Pratt Institute), Danilo Diolola (Pratt Institute), Tim Furfey (Pratt Institute), Leah Honor (Pratt Institute), Rebecca Klaber (Pratt Institute), Tara Kron (Pratt Institute), Claudio A. Leon (Pratt Institute), Eric Motensien (Pratt Institute), Jodi Shaw (Pratt Institute)

LATEST UPDATES
This schedule has been prepared in advance of the conference as a courtesy to attendees. Please consult our official online program schedule for the latest updates: https://www.conftool.com/iConference2015/sessions.php
3:15 PM – 3:45 PM — BREAK

3:45 PM – 5:15 PM

SALON A-B
COMPLETED PAPERS 6: THINKING ABOUT ONLINE EDUCATION
Session Chair: Yong Ming Kow (City University of Hong Kong)

Understanding Concepts and Values for the Future of Online Education through the Practice of Design
Michael Marcinkowski (The Pennsylvania State University), Frederico Fonseca (The Pennsylvania State University)

When the audience talks back: MOOCs and “super” discourse
Rob Grace (The Pennsylvania State University), Frederico Fonseca (The Pennsylvania State University)

Implementing e-Learning in a Vietnamese University: A Configurational Approach
Tuan Cong Dang (University of Sheffield), Jonathan Foster (University of Sheffield)

SALON C
COMPLETED PAPERS 7: ADVANCING TECHNOLOGIES
Session Chair: Geof Bowker (UC Irvine)

Demographic and Maslow’s Motivation Predictors of Job Satisfaction of Information Technology Artisans in Nigeria
Williams Ezinwa Nwagwu (University of South Africa)

Appropriating Digital Fabrication Technologies – A comparative study of two 3D Printing Communities
Thomas Ludwig (University of Siegen), Oliver Stickel (University of Siegen), Alexander Boden (Fraunhofer Institute for Applied Information), Volkmar Pipek (University of Siegen), Volker Wulf (University of Siegen)

On the Margins of the Machine: Heteromation and Robotics
Hamid R. Ekbia (Indiana University), Bonnie Nardi (UC Irvine), Selma Sabanovic (Indiana University)

SALON D
PRELIMINARY PAPERS 4: GOVERNMENT RELATED INFRASTRUCTURE
Session Chair: Gillian Hayes (UC Irvine)

On the Pitfalls of Crowdsourcing for Civic Information Management
Konstantinos Pelechrinis (University of Pittsburgh)

“Hurling Against a Haystack”: The Incentives and Challenges of Open Data in the Republic of Ireland
Brittrey O’Neill (University College Dublin), Kalpana Shankar (University College Dublin)

Knowledge Sharing in Chinese Healthcare Referral Services: Identifying Barriers from a Literature Review
Lihong Zhou (Wuhan University), Miguel Baptista Nunes (University of Sheffield), Ru Hua Huang (Wuhan University), Fang Liu (Wuhan University)

The Creation of a Linked Data-based Application Service at the National Library of Korea
Wonhong Jang (Sungkyunkwan University), Sangheon Han (Sungkyunkwan University), Sam Oh (Sungkyunkwan University)

5:15 PM – 6:15 PM

SALON 1-5
POSTER SESSION 1
All posters will be presented at both the Wednesday and Thursday poster sessions. See p. 26-28 for the list of posters.

6:00 PM – 7:00 PM — COACHES TO NEWPORT DUNES

7:00 PM – 10:00 PM

DINNER AT NEWPORT DUNES
Best Dissertation Award
Presenter: Elizabeth Yakel (University of Michigan)
See p. 10 for details

Join us for dinner and socializing Wednesday evening at Newport Dunes, offsite at Newport harbor. Coaches will transport you to and from Newport Dunes — board the coaches at the main entrance to the hotel. Coaches will run between 6:00 and 7:00 pm, and will return you to the hotel after dinner. You will be treated to musical entertainment during dinner by undergraduate students from the UCI Jazz Music program, and the Best Dissertation Award will be presented. This dinner is open to those with full conference registration or who purchased a banquet ticket (not to those with one day registrations).
### SIE 5: 21ST CENTURY INFORMATION WORKERS: WHAT CORE COMPETENCIES SHOULD MSIS STUDENTS LEARN?

**Organizers:** Lecia Barker (University of Texas at Austin), Ramona Broussard (University of Texas at Austin), Sarah Buchanan (University of Texas at Austin), Daniel Carter, (University of Texas at Austin), Jane Gruning (University of Texas at Austin), Ayse Gunloy (University of Texas at Austin), Nida Kazim (University of Texas at Austin), Eunyoung Moon (University of Texas at Austin), Melissa Ocepek (University of Texas at Austin), Rachel Simons (University of Texas at Austin)

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### Thematic Analysis of Words that Invoke Values in the Net Neutrality Debate

**Kenneth R. Fleischmann (University of Texas at Austin), Yasuhiro Takayama (Tokuyama College of Technology), An-Shou Cheng (National Sun Yat-Sen University), Yoichi Tomiura (Kyushu University), Douglas W. Oard (University of Maryland), Emi Ishita (Kyushu University)**

### Exploring Metadata Change: A Case Study

**Oksana L. Zavalina (University of North Texas), Priya Kizhakkethil (University of North Texas)**

### Toward Predictive Crime Analysis via Social Media, Big Data, and GIS Spatial Correlation

**Anthony Joseph Corso (Claremont Graduate University)**

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### PRELIMINARY PAPERS 5: THEMATIC AND META ANALYSIS

**Session Chair:** Michael Khoo (Drexel University)

**User Perceptions of Associative Thesaural Relationships: A Preliminary Study**

Rachel Ivy Clarke (University of Washington), Jin Ha Lee (University of Washington)

**Thematic Analysis of Words that Invoke Values in the Net Neutrality Debate**

Kenneth R. Fleischmann (University of Texas at Austin), Yasuhiro Takayama (Tokuyama College of Technology), An-Shou Cheng (National Sun Yat-Sen University), Yoichi Tomiura (Kyushu University), Douglas W. Oard (University of Maryland), Emi Ishita (Kyushu University)

**Exploring Metadata Change: A Case Study**

Oksana L. Zavalina (University of North Texas), Priya Kizhakkethil (University of North Texas)

**Toward Predictive Crime Analysis via Social Media, Big Data, and GIS Spatial Correlation**

Anthony Joseph Corso (Claremont Graduate University)
# Schedule

## 8:30 AM – 10:00 AM

<table>
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<tr>
<th>SALON A-F</th>
<th>PLENARY SESSION 2</th>
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<td><strong>Session Chair:</strong> Tom Finholt (University of Michigan)</td>
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<tr>
<th>Conference Announcements</th>
<th>Most Interesting Preliminary Results Paper Award</th>
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<tr>
<td>Gary Olson (UC Irvine)</td>
<td>Diane E. Bailey (University of Texas at Austin) and Thomas Finholt (University of Michigan)</td>
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See p. 26-28 for the list of posters.

## 10:00 AM – 10:30 AM — BREAK

## 10:30 AM – 12:00 PM

<table>
<thead>
<tr>
<th>SALON A-B</th>
<th>COMPLETED PAPERS 8: DESIGNING CROWDSOURCING APPLICATIONS</th>
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<tr>
<td><strong>Session Chair:</strong> Patrick C. Shih (Penn State University)</td>
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<tr>
<th>Beyond AMT: An Analysis of Crowd Work Platforms</th>
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<td>Donna Vakharia (University of Texas at Austin), Matthew Lease (University of Texas at Austin)</td>
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<th>Design Facets of Crowdsourcing</th>
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<td>Peter Organisciak (University of Illinois at Urbana-Champaign), Michael Twidale (University of Illinois at Urbana-Champaign)</td>
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<th>Designing a Mobile Crowdsourcing System for Campus Safety</th>
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<td>Elliot Tan (Princeton University), Huichuan Xia (Syracuse University), Cheng Ji (Syracuse University), Ritu Virendra Joshi (Syracuse University), Yun Huang (Syracuse University)</td>
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<th>PLENARY SESSION 2</th>
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<tr>
<td><strong>Session Chair:</strong> Tom Finholt (University of Michigan)</td>
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<thead>
<tr>
<th>Conference Announcements</th>
<th>Most Interesting Preliminary Results Paper Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gary Olson (UC Irvine)</td>
<td>Diane E. Bailey (University of Texas at Austin) and Thomas Finholt (University of Michigan)</td>
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</table>

See p. 26-28 for the list of posters.

## 12:00 PM – 2:00 PM — LUNCH ON YOUR OWN

## 2:00 PM – 3:30 PM

<table>
<thead>
<tr>
<th>SALON A-B</th>
<th>COMPLETED PAPERS 11: ENGAGING SOCIAL MEDIA AND THE CROWD</th>
</tr>
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<tbody>
<tr>
<td><strong>Session Chair:</strong> Doug Card (University of Maryland)</td>
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<tr>
<th>Israeli Parties and Party Leaders on Facebook during the 2013 Election Campaign</th>
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<tbody>
<tr>
<td>Judit Bar-Ilan (Bar-Ilan University), Jenny Bronstein (Bar-Ilan University), Noa Aharony (Bar-Ilan University)</td>
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<thead>
<tr>
<th>Is there a Doctor in the Crowd? Diagnosis Needed! (for less than $5)</th>
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<tbody>
<tr>
<td>James Cheng (University of Texas at Austin), Monisha Manoharan (University of Texas at Austin), Yan Zhang (University of Texas at Austin), Matthew Lease (University of Texas at Austin)</td>
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<thead>
<tr>
<th>The Effects of Feedback and Habit on Content Posting in an Online Community</th>
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<tr>
<td>Donghee Yvette Wohn (New Jersey Institute of Technology)</td>
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<tr>
<th>SALON C</th>
<th>COMPLETED PAPERS 9: LIVING ON AND THROUGH SOCIAL MEDIA</th>
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<tbody>
<tr>
<td><strong>Session Chair:</strong> Ricardo Gomez (University of Washington)</td>
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<tr>
<th>Online Media Forums as Separate Social Worlds: A Qualitative Study of Disclosure Within and Beyond Reddit</th>
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<tr>
<td>Martin Shelton (UC Irvine), Katherine Lo (UC Irvine), Bonne Nardi (UC Irvine)</td>
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<tr>
<th>“She said yes” – Liminality and Engagement Announcements on Twitter</th>
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<tr>
<td>Munmun De Choudhury (Georgia Tech), Michael Massimi (Microsoft Research)</td>
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<tr>
<th>Motherhood and Social Networking Sites: How do sociocultural contexts and technological factors affect Korean mothers’ KakaoStory use?</th>
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<tbody>
<tr>
<td>Jinyoung Kim (University of Maryland), Myeong Lee (University of Maryland), Chiyoung Oh (University of Maryland)</td>
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<tr>
<th>SALON D</th>
<th>COMPLETED PAPERS 10: MANAGING KNOWLEDGE AND INFORMATION</th>
</tr>
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<tbody>
<tr>
<td><strong>Session Chair:</strong> Stephen Voida (Indiana University - Indianapolis)</td>
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<tr>
<th>Information and learning activities in organisations: participants’ views on where and how to engage</th>
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<tr>
<td>Karin Dessne (University of Borås)</td>
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<tr>
<th>The Policeman’s Beard Was What? Representation and Reality in Knowledge Organization and Description</th>
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<tr>
<td>Alyssia Carlyle (University of Washington)</td>
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<tr>
<th>Practice-Based Information and Data Management: A Network Approach</th>
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<tbody>
<tr>
<td>Susan Gasson (Drexel University)</td>
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**Award Nominee**
**KEYNOTE PRESENTATION:**

Results Vary: The Pragmatics of Reproducibility and Research Object Frameworks
Carole Goble (University of Manchester)

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**iConference 2016 Preview**

David Fenske (Drexel University) and Jane Greenberg (Drexel University)

---

**SLON E-F**

**PRELIMINARY PAPERS 6: IMPROVING THE ACADEMY**

Session Chair: Stephanie Teasley (University of Michigan)

The New-to-Online Instructor: Conceptions, Desires and Expectations
Jenna Kammer (University of Missouri)

"Intellectual and Practical Knowing": the introduction of the Professional Knowledge and Skills Base at University College London
Anne Welsh (University College London), Charles Inskip (University College London)

Who owns faculty data?: Fairness and transparency in UCLA’s new academic HR system
Chloe Reynolds (UCLA), Heather Small (UCLA)

Meeting the Needs of IT Stakeholders in a Northwest Florida State College
Laura I. Spears (Florida State University), Jisue Lee (Florida State University), Chandraksha Ambaparavu (Florida State University), Marcia A. Mardis (Florida State University), Nicole D. Alemmane (Florida State University), Charles R. McClure (Florida State University)

**BAYCLIFF**

**SIE 6: DRAW MY LIFE: CREATIVE REFLECTION THROUGH STICK FIGURE STORYTELLING**

Organizer: Rebecca J. Morris (University of North Carolina at Greensboro)

**LAGUNA + SUNSET**

**NSF FUNDING OVERVIEW (UNOFFICIAL)**

Organizer: Kevin Crowston (Syracuse University)

Informal, unofficial discussion of NSF funding opportunities, intended to provide insight for those contemplating the filing of grant proposals with NSF. Presenters: Diane Bailey (University of Texas at Austin), Gillian Hayes (University of California, Irvine), Charlotte Lee (University of Washington), Katie Shilton (University of Maryland). Open to all conference attendees.

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**SLON E-F**

**PRELIMINARY PAPERS 8: KNOWLEDGE MANAGEMENT IN ACADEMIA**

Session Chair: Susan Gasson (Drexel University)

“I Go Into a Lot of Different Places to Get my Research”: Graduate Students’ Mental Models of Research Tools and Services
Michael Khoo (Drexel University), Diana Massam (Manchester University), Hilary Jones (Manchester University)

Historical Considerations in Biodiversity Informatics
Michael Khoo (Drexel University), Gary Rosenberg (Drexel University)

An exploratory study of paper sharing in Mendeley’s public groups
Huqin Gao (Wuhan University), Changping Hu (Wuhan University), Tingtong Jiang (Wuhan University)

Evidence-based Discovery
Catherine Blake (University of Illinois at Urbana Champaign)

**BAYCLIFF**

**SIE 8: PSYCHO-PHYSIOLOGICAL METHODS IN INFORMATION SCIENCE: FIT OR FAD?**

Organizers: Heather O’Brien (University of British Columbia), Jacek Gwizdka (University of Texas at Austin), Irene Lopatovska (Pratt Institute), Javed Mostafa (University of North Carolina at Chapel Hill)

**LAGUNA + SUNSET**

**SIE 7: PIPELINES AND PATHWAYS INTO THE INFORMATION PROFESSIONS**

Organizers: Michael Depew (University of Pittsburgh), Courtney Loder (UC Irvine), David James (Syracuse University), Martez Mott (University of Washington), Connie Pascal (Rutgers University), Melissa Villa-Nicholas (University of Illinois at Urbana-Champaign)

**CARDIFF + CARDIFF PATIO**

**iCAUCUS BUSINESS MEETING – BY INVITATION**

Organizer: Michael Seadle (Humboldt-Universität zu Berlin)
3:30 PM – 4:00 PM — BREAK

4:00 PM – 5:30 PM

**SALON A-B**
**COMPLETED PAPERS 13: UNDERSTANDING DEMOGRAPHIC GROUPS**

Session Chair: Andrea Tapia (Penn State University)

“Labels are for clothing”: Negotiating LGBT identities within social question-answering sites
Vanessa Kitzie (Rutgers University)

Not So Lonely Surfers: Loneliness, Social Support, Internet Use and Life Satisfaction in Older Adults
R. J. Shillair (Michigan State University), R.V. Rikard (Michigan State University), S.R. Cotten (Michigan State University), H.Y. Tsai (Michigan State University)

Threaten by Stereotype: An investigation of the effect of stereotype threat on female and minority students’ STEM learning in the context of a computer intervention
Kuo-Ting Huang (Michigan State University), Shelia Cotten (Michigan State University), Christopher Ball (Michigan State University)

**SALON C**
**COMPLETED PAPERS 14: DESIGNING SERVICES AND PRODUCTS**

Session Chair: Elke Greifeneder (Humboldt-Universität zu Berlin)

Exploring the Use of Personas in User-Centered Design of Web-based e-services
Anders Hjalmarsson (University of Borås and Viktoria Swedish ICT), Eva Gustafsson (University of Borås), Stefan Cronholm (University of Borås)

Conceptions of Work and the Materiality of the Classroom
Daniel Carter (University of Texas at Austin)

“Like This, But Better”: Supporting Novices’ Design and Fabrication of 3D Models Using Existing Objects
Patrick Carrington (UMBC), Shannon Hosmer (UMBC), Tom Yeh (University of Colorado Boulder), Amy Hurst (UMBC), Shaun K. Kane (University of Colorado Boulder)

**SALON D**
**PRELIMINARY PAPERS 9: THE OTHER SIDE OF SOCIAL MEDIA**

Session Chair: Jonathan Foster (University of Sheffield)

Mixed Emotions in Active Social Media Use - Fun and Convenient or Shameful and Embarrassing?
Gunilla Widen (Åbo Akademi University), Johanna Lindström (Åbo Akademi University), Malin Brännback (Åbo Akademi University), Isto Huvila (Åbo Akademi University), Anna-Greta Nyström (Åbo Akademi University)

Informal Networks, Phones and Facebook: Information Seeking and Technology Use by Undocumented Migrants at the U.S.-Mexico Border

Bryce C Newell (University of Washington), Ricardo Gomez (University of Washington)

Mysterious Influential Users in Political Communication on Twitter: Users’ Occupation Information and Its Impact on Retweetability
Jisue Lee (Florida State University), Jaewook Ahn (Drexel University), Jung Sun Oh (University of Pittsburgh), Hohyon Ryu (Twitter Inc.)

5:30 PM – 7:00 PM

**SALON 1-5**
**POSTER SESSION 2**

All posters will be presented at both the Wednesday and Thursday poster sessions.

This session includes a special reception with drinks, hors d’oeuvres, and the presentation of the Best Poster Award.

6:00 PM – 7:30 PM

**DIAMOND COVE**
**UC BERKELEY ISCHOOL RECEPTION**

Organizer: Anno Saxenian, Dean, UC Berkeley School of Information

Please join Dean Anno Saxenian at a reception for all UC Berkeley I School Alumni, Faculty and current students.

7:30 PM – 10:30 PM

**FLEMING’S RESTAURANT IN FASHION ISLAND**
**IDEANS DINNER**

Hosts: Michael Seadle and Hal Stern

Description: All iSchool heads of schools are invited to be dinner guests of iCaucus Chair Michael Seadle and iConference 2015 Host-Dean Hal Stern of The Donald Bren School of Information and Computing, University of California, Irvine.

By Invitation.
SALON E-F
PRELIMINARY PAPERS 10: ACADEMIC INFRASTRUCTURES AND KNOWLEDGE MANAGEMENT

Session Chair: Steve Sawyer (Syracuse University)

Extending Knowledge Management to ‘Knowing’: A Design of Experience Management System
Guangxuan Zhang (Penn State University), Sandeep Purao (Penn State University)

Sustaining scientific infrastructures: transitioning from grants to peer production (work-in-progress)
James Howison (University of Texas at Austin)

Managing without Authority: Records Managers in Interorganizational Contexts
Dan Sholler (University of Texas at Austin), Caroline Stratton (University of Texas at Austin)

On the Relationship between Open Access and Altmetrics
Hamed Alhoori (Texas A&M University), Sagnik Ray Choudhury (Pennsylvania State University), Tarek Kanan (Virginia Tech), Edward Fox (Virginia Tech), Richard Furuta (Texas A&M University), C. Lee Giles (Pennsylvania State University)

BAYCLIFF
IEE 3: BEYOND THE BACKCHANNEL: LEVERAGING TWITTER TO ENACT LEARNING PROCESSES (SESSION 2)

Organizers: Drew Paulin (University of British Columbia), Sarah Gilbert (University of British Columbia), Caroline Haythornthwaite (University of British Columbia), Anatoliy Gruzd (Ryerson University), Rafa Absar (Clarkson University)

CARDIFF + CARDIFF PATIO
iCAUCUS BUSINESS MEETING – BY INVITATION

6:00 PM – 8:00 PM
LAGUNA+SUNSET
UNIVERSITY OF MICHIGAN ISCHOOL CONFERENCE ALUMNI RECEPTION

Organizer: Jeff MacKie-Mason, Dean, UM School of Information
Please join UM School of Information Dean Jeff MacKie-Mason and UMISI alumni at a special reception for PhD alumni, area alumni, and alumni attending the iSchool Conference. Private event.

6:00 PM – 7:30 PM
CARDIFF + CARDIFF PATIO
UC IRVINE ICS ISCHOOL RECEPTION

Organizers: Hal Stern, Dean, Donald Bren School of Information and Computer Science (ICS) and André van der Hoek, Chair, ICS Department of Informatics
UCI ICS alumni, faculty, staff, and current students are invited to a reception hosted by Dean Hal Stern, Informatics Chair André van der Hoek, and Conference Chair Prof. Gary Olson. Private event.
8:30 AM – 10:00 AM

**SALON A-B**

**COMPLETED PAPERS 15:** EXAMINING INFORMATION BEHAVIOR IN CONTEXT

Session Chair: Lynette Kvasny (Penn State University)

Affective Signals as Implicit Indicators of Information Relevancy and Information Processing Strategies
Roberto I. González-Ibáñez (Universidad de Santiago de Chile), Chirag Shah (Rutgers University)

“Gangnam Mom”: A Qualitative Study on the Information Behaviors of Korean Helicopter Mothers
SoHyun Park (Seoul National University), Hyunchul Lim (Seoul National University), Heekyung Choi (Seoul National University)

Seeking Information in Online Environments – Where, Who, and Why?
Chirag Shah (Rutgers University), Jennifer Sonne (Rutgers University)

**SALON C**

**COMPLETED PAPERS 16:** ORGANIZATIONS: LEARNING, GROWING, CHANGING

Session Chair: Catherine Blake (University of Illinois at Urbana-Champaign)

Learning Strategies in Smart Grid Adoption: An Explorative Study in the U.S. Electric Utility Industry
You Zheng (Syracuse University), Jason Dedrick (Syracuse University)

An Examination of Organizational Resources’ Influence on the Hyperlink and Political Networks of Organizations
Jess Kropczynski (Penn State University)

LIS Programs and Data Centers: Integrating Expertise
Cheryl Annette Thompson (University of Illinois at Urbana-Champaign), Matthew S. Mayernik (University Corporation for Atmospheric Research), Carole L. Palmer (University of Washington, Seattle), Suzie Allard (University of Tennessee, Knoxville), Carol Tenopir (University of Tennessee, Knoxville)

10:00 AM – 10:30 AM — BREAK

10:30 AM – 12:00 PM

**SALON A-F**

**PLENARY SESSION 3**

Session Chair: Gary Olson (UC Irvine)

Conference Announcements
Gary Olson (UC Irvine)

KEYNOTE PRESENTATION:
Creating, Collaborating, and Celebrating the Diversity of Research Data
Christine Borgman (UCLA)

12:00 PM – 2:00 PM — LUNCH ON YOUR OWN

2:00 PM – 3:30 PM

2:00 PM – 3:30 PM

**SALON A-F**

Conference Announcements
Gary Olson (UC Irvine)

**ROSE GARDEN**

**FAREWELL ICE CREAM SOCIAL**

Book Signing
Christine Borgman (UCLA)
Copies of Christine Borgman’s most recent book, Big Data, Little Data, No Data: Scholarship in the Networked World, will be available for purchase and signing.

4:00 PM – 5:30 PM
BAYCLIFF
SIE 1: LEARNING ANALYTICS AND iSCHOOLS: WHAT, WHY, & WORRIES (SESSION 2)
Organizers: Stephanie D. Teasley (University of Michigan), Benjamin B. Bederson (University of Maryland)

LAGUNA + SUNSET
SIE 2: AFTER SNOWDEN: AN iSCHOOL RESPONSE TO THE CHALLENGES OF (NSA) MASS STATE SURVEILLANCE (#NSAISCHOOL) (SESSION 2)
Organizer: Andrew Clement (University of Toronto)

CARDIFF + CARDIFF PATIO
DOCTORAL COLLOQUIUM – BY INVITATION
Organizers: Wayne Lutters (UMBC), Volker Wulf (University of Siegen)

LAGUNA + SUNSET
EARLY CAREER COLLOQUIUM
Organizers: Ingrid Erickson (Rutgers University), Kristin Eschenfelder (University of Wisconsin, Madison), Ravi Vatrapu (Copenhagen Business School)
See p. 12 for details.

LAGUNA + SUNSET
EARLY CAREER COLLOQUIUM

CARDIFF + CARDIFF PATIO
DOCTORAL COLLOQUIUM – BY INVITATION
36  
**Student Assessment in Small Groups: A Spectral Clustering Model**
Wanli Xing (University of Missouri-Columbia), Sean Goggins (University of Missouri-Columbia)

39  
**Metaphors of Privilege: Public Library Makerspace Rhetoric**
Shannon A. Crawford Barniskis (University of Wisconsin-Milwaukee)

242  
**Fudging the Data: Student Responses to Data Use in the LMS**
Jenna Kammer (University of Missouri)

247  
**An Exploration of the Value of a Collaborative Model of Collection Management for Lanna Cultural Material in Libraries in Northern Thailand**
Piyapat Jarusawat (University of Sheffield)

250  
**An Examination of Library and Information Studies Faculty Experience with and Attitudes toward Open Access Scholarly Publishing**
Nicholas John Proferes (University of Wisconsin-Milwaukee), Wilhelm Peekhaus (University of Wisconsin-Milwaukee)

253  
**How Does TED Talk? A Preliminary Analysis**
Andrew Tsou (Indiana University), Bradford Demarest (Indiana University), Cassidy R. Sugimoto (Indiana University)

264  
**Determining the User Intent of Chinese-English Mixed Language Queries Based On Search Logs**
Hengyi Fu (Florida State University), Shuheng Wu (City University of New York)

331  
**FixityBerry: Environmentally Sustainable Digital Preservation for Very Low Resourced Cultural Heritage Institutions**
Anthony Cocciaio (Pitt Institute)

332  
**Implications and Potential Impacts of Information Behavior Research**
Kyungwon Koh (University of Oklahoma), Ellen Rubenstein (University of Oklahoma), Kelvin White (University of Oklahoma)

336  
**The Effects of Expert and User Ratings on Behavioral Intentions on a UGC Site**
Sook Lim (St. Catherine University), Nick Steffel (St. Catherine University)

340  
**Searching for Movies: An Exploratory Analysis of Movie-related Information Needs**
Tone Bogers (Købliøg University Copenhagen)

342  
**Privacy and Cloud Computing in Public Libraries: The Case of BiblioCommons**
Michael Zimmer (University of Wisconsin-Milwaukee)

345  
**Guiding Critical Technical Practices in Community-Based Maker Spaces for Youth Through Question Prompts**
Leanne Bowler (University of Pittsburgh), Ryan Champagne (University of Pittsburgh)

346  
**Linking to Linked Data**
Natalia Ermolaev (Princeton University), Michael Lesk (Rutgers University), Danielle Reay (Princeton University)

347  
**Utilizing Social Networks to Analyze Needs of Caregivers of Autistic Individuals**
Rebecca Ly (Washington State University)

350  
**Parent-Child Dialogues and Artifact Control Behavior in Computer vs. Non-Computer Mediated Parental Interactions**
Lu Xiao (University of Western Ontario), Tingting Cai (Sun Yat-Sen University), Vanessa Eastmure (University of Western Ontario)

352  
**Conceptualizing Worksets for Non-consumptive Research**
Jacob Jett (University of Illinois at Urbana-Champaign), Chris Madden (University of Illinois at Urbana-Champaign), Colleen Fallaw (University of Illinois at Urbana-Champaign), Megan Senseney (University of Illinois at Urbana-Champaign), J. Stephen Downie (University of Illinois at Urbana-Champaign)

353  
**Connecting with Educators: Science Teachers and Interactive Video Retrieval**
Dan Alberton (University of Alabama), Melissa Johnston (University of Alabama)

355  
**First Thoughts: Perceived Self-Efficacy and Interactive Video Retrieval**
Dan Albertson (University of Alabama)

356  
**Social Approach for Interpersonal Information Behavior Research in Academic Contexts**
Jongwook Lee (Florida State University), Gary Burnett (Florida State University)

357  
**An App Recommendation System for Children with Autism Spectrum Disorder**
Demetria Ennis-Cole (University of North Texas), Jiangping Chen (University of North Texas), Akiko Wada (University of North Texas)

358  
**Using Facebook Data to Examine Culture and Self-Disclosure Behaviors**
Philip J. Reed (University of Washington), Emma S. Sprio (University of Washington), Carter T. Butts (University of California, Irvine)

359  
**User Response to Facebook’s Custom Gender Options**
Oliver L. Hamson (University of California, Irvine), Jed R. Brubaker (University of California, Irvine), Courtney Loder (University of California, Irvine), Lynn Dombrowski (University of California, Irvine), Gillian R. Hayes (University of California, Irvine)

360  
**Effects of Social Networking Sites on User Experience**
Rachel Lynn Horsemann (School Inclusion Institute), Emily Elizabeth Larkin (School Inclusion Institute), Jessica Vallejo (School Inclusion Institute), Micheline Wilkerson (School Inclusion Institute)

361  
**Authentic Learning in the Research Data Curation Classroom**
Karen S. Baker (University of Illinois at Urbana-Champaign), Ruth E. Duerr (University of Colorado)

362  
**Understanding Health Information Intent via Crowdsourcing: Challenges and Opportunities**
Di Lu (University of Pittsburgh), Yihan Lu (University of Pittsburgh), Wei Jeng (University of Pittsburgh), Rosta Farzan (University of Pittsburgh), Yu-Ru Lin (University of Pittsburgh)

363  
**Impact of Self-Disclosure on Newcomers in Online Communities**
Di Lu (University of Pittsburgh), Rosta Farzan (University of Pittsburgh)

364  
**Pre-hospital Information Use during Trauma Resuscitation**
Zhan Zhang (Drexel University), Aleksandra Sarcevic (Drexel University)

365  
**Stay or Leave? An Investigation on User Exodus in Social Networking Sites**
Yuxiang Zhao (Nanjing University), Xiaojuan Xu (Nanjing University), Qinghua Zhu (Nanjing University)

366  
**The Social Justice Imperative in Library and Information Science**
Miranda Morales (Rutgers University), Myrna Morales (University of Illinois Urbana-Champaign), Mario Ramirez (University of California, Los Angeles), RaShauna Brannon (University of Illinois Urbana-Champaign), Elonar Tayag (University of North Carolina at Chapel Hill), LaWerne Gray (University of Tennessee Knoxville)

367  
**Towards Inferring Web Page Relevance – An Eye-Tracking Study**
Jacek Gwizdka (University of Texas, Austin), Yinglong Zhang (University of Texas, Austin)

368  
**Evaluating the Interaction Design of General Tasks in Children’s Mobile Apps**
Wenciq Li (Peking University), Yifei Xu (Pamakids Technology Ltd. Co.), Jun Wang (Peking University)

373  
**Tweeting Questions in Academic Conferences: Seeking or Promoting Information?**
Xiadao Wen (University of Pittsburgh), Yu-Ru Lin (University of Pittsburgh)

374  
**Re-embedding Market Information Systems: Thoughts on Design**
Elisa Oreglia (Nanyang Technological University), Janaki Srinivasan (International Institute of Information Technology Bangalore)
Sara Chizari (University of South Carolina)

380 Academic Social Networking Sites: A Comparative Analysis of Their Services and Tools
Fatima Rarely Espinoza Vasquez (Syracuse University), Carlos Enrique Caicedo Bastidas (Syracuse University)

383 Play Across Networks: An Ethnography of Information Behavior in Online Gaming
Anthony James Pellicone (University of Maryland), June Ahn (University of Maryland)

385 Personal Information Categorization: The Rigid, Fuzzy, and Flexible Categorizers
Kyong Eun Oh (Simmons College), Nicholas Belkin (Rutgers University)

387 Critical Factors Leading to ERP Replacement in Higher Education Institutions in Saudi Arabia: Preliminary Results
Arwa mohammed Al sjhani (University of Sheffield), Alex Peng (University of Sheffield), Miguel Nunes (University of Sheffield)

388 Using Full-text Citation Network to Enhance the Keyword Label Performance
Youneng Pan (Zhejiang University and Indiana University Bloomington), Xiaozhong Liu (Indiana University Bloomington)

389 Distilling Jargon: A Case Study Examining the Efficacy of Government Information Visualizations
Lauren Kilgour (University of Pittsburgh), Eleanor Mattern (University of Pittsburgh)

390 An Academic Nomad?: Identity Formation of School Students
Heekyung Choi (Seoul National University)

392 Beyond Information Determinism to Information Orders: A New Framework for Policy
Janaki Sirinivasan (International Institute of Information Technology Bangalore), Megan Finn (University of Washington), Morgan G. Ames (University of California, Irvine)

395 Broadband Coverage and Social Transition in Rural Communities
Yunfei Du (University of North Texas)

396 A New Model for Increasing Information Access and Literacy in the Global South
Anita Marie Tsasan (University of California, Irvine), Peichi Waite (Concordia University, Irvine), Karen G. Cheng (University of California, Irvine)

398 Explicit Graphical Relevance Feedback for Scholarly Information Retrieval
Shaosheng Lee (Indiana University Bloomington), Chun Guo (Indiana University Bloomington), Xiaohong Liu (Indiana University Bloomington)

401 Imagery and Meaning Making: Preparing for and Learning about a Large-Scale Object Performance Event in Community
Diane Daly (University of Arizona), Catherine Francis Brooks (University of Arizona)

402 The Evolution of Scientific Productivity of Junior Scholars
Chun-Hua Tsai (University of Pittsburgh), Yu-Ru Lin (University of Pittsburgh)

403 Design Considerations and Implications in Post-Mortem Data Management
Anita Marie Tsasan (University of California, Irvine), Nafri Kusumakailuka (University of California, Irvine), Jed R. Brubaker (University of California, Irvine)

407 eHealth Literacy and Cancer Screening: A Structural Equation Modeling
Jung Hoon Baeg (Florida State University), Hye-Jin Park (Florida State University)

409 Sustaining MedArt: Assessing the Persistence and Longevity of a Pioneering DH Project
Alison Langmead (University of Pittsburgh), Aisling Quigley (University of Pittsburgh)

410 Understanding the Relationship between Scholars’ Breadth of Research and Scientific Impact
Shiyen Yan (University of Michigan, Ann Arbor), Carl Lagoze (University of Michigan, Ann Arbor)

412 “Our Experiences Are Not Unique”: An Exploratory Study of Common Motivators and Inhibitors For Latinos in STEM Fields
Hannah Rose Hiles (University of North Carolina at Greensboro)

414 From Industry to Scholarly Communication: Biometric Literature Over Time
Hyungjoo Park (University of Wisconsin - Milwaukee)

415 Perceived Business Process Knowledge, the Construct, Its Dimensions, and the Measurement
Jose Angeles (Trident University International), India Guzman (Trident University International), Thomas Barto (Trident University International), Sean Sanders (Trident University International)

416 How Students Collaboratively Write using Google Docs
Dakuo Wang (University of California, Irvine), Judith S. Olson (University of California, Irvine), Lingwen Zhang (University of California, Irvine), Trung Nguyen (University of California, Irvine), Gary M. Olson (University of California, Irvine)

421 Using Ethnography of Email to Understand Distributed Scientific Collaborations
Sarika K. Sharma (Syracuse University), Matt Willis (Syracuse University), Jaime Snyder (Syracuse University), Carsten Osterlund (Syracuse University), Steve Sawyer (Syracuse University)

422 A New Framework for Web Credibility Assessment
Wonchan Choi (Florida State University), Besiki Styilia (Florida State University)

426 Designing SocioTechnical Food Justice
Lynn Susan Dombrowski (University of California, Irvine)

427 Understanding Quantified-Selfers’ Interplay between Intrinsic and Extrinsic Motivation in the Use of Activity-Tracking Devices
Grace Shin (University of North Carolina at Chapel Hill), Eun Jeong Cheon (University of North Carolina at Chapel Hill), Mohammad Jarrahi (University of North Carolina at Chapel Hill)

428 Rationale Sharing in Large-Scale Online Deliberations
Lu Xiao (University of Western Ontario), Nicole Akin (University of British Columbia)

Inkyung Choi (University of Wisconsin Milwaukee)

431 Addressing Gender-Based Harassment in Social Media: A Call to Action
Rachel Noelke Simons (University of Texas at Austin)

434 Smartphone Use on an Academic Library Website Featuring Responsive Web Design
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