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This past semester has been an exciting one with much of the work going on behind the scenes, continuing the evolution of our Department in the School of Informatics and Computing and in the professional field.

We have been exploring further relationships with library, museum, and other documentation units on and off campus; have been working with departmental partners in the School; and are gearing up for the ALA accreditation visit in 2019.

Several of the faculty, on a committee chaired by Associate Professor John Walsh, were tasked with bringing together digital offerings in the Department, and we hope to roll out a new specialization soon based on digital humanities, digital libraries, and cultural heritage. Complementary to this, Assistant Professor Devan Donaldson has agreed to head the Archives and Record Management specialization, following on the good work of many years by Phil Bantin, which will continue to develop both digital and physical document and data archivists and record managers.

We had many exciting speakers in the Department this past spring, thanks to the work of the ILS colloquium series (organized by Xiaozhong Liu, Devan Donaldson, and Allen Riddell), the Rob Kling Center for Social Informatics (headed by Pnina Fichman), and a grant from IU’s Institute for Advanced Studies. One week in particular was notable, bringing in international philosopher of documentation Maurizio Ferraris, well-known algorithm theorist Tartleton Gillespie, and renown archivist Luciana Duranti—three stars from three different countries!

Thanks to the work and vision of lecturer Carol Choksy, the international Document Academy (‘Docam’) conference will be coming to IU and to ILS in late September 2017, with Professor Ferraris coming from the University of Turin via a research visit in Mexico to be the keynote speaker.

We were also very happy this year to welcome Assistant Professor Allen Riddell, who wasted no time in engaging in research and teaching and spreading his expertise to the students and campus as a whole.

In January, Professor Katy Börner moved to the Dept of Engineering in our School while also maintaining an appointment in ILS.

And this spring we celebrated the promotion to full professor of Professor Pnina Fichman and to Associate Professor and tenure, Associate Professor Xiaozhong Liu. Congratulations Xiaozhong and Pnina!

In the fall, we will also welcome back Professor Howard Rosenbaum and Professor Noriko Hara from their spring 2017 sabbaticals, and we wish Professor Pnina Fichman a good sabbatical for the semester.

We will also welcome in August Assistant Professor Rob Montoya who is coming to us from UCLA and travels around the world doing his research in international biodiversity classification and databases. We are very excited that Rob will be joining us!

And last, but certainly not least, we recently celebrated the long and devoted service of Associate Professors Alice Robbin and Elin Jacob, who have served two schools, this Department, and its students with dedication for twenty plus years each and who are now retiring. Good luck Alice and Elin in your retirements! You’ve done a great job here! Alice and Elin will continue to work with their doctoral students, will engage further with their research in retirement, and will keep contact with the Department and its students. Thank you for your dedication to the Department and the School, Elin and Alice!

As always, the staff, Katie Novak, Corey Tarbell, Stephanie Smith, and our newest member, Jesse Elkins, as well as the FANTASTIC students Sylva Osbourne, Olivia Wilke, Katie Martin, Racheile Rickets, and Catherine Fonseca who have been working in the Department, deserve immense credit for all the work that they have done and do: admissions, scheduling, payments, hiring, student advising, working with alumni relations and marketing relations in the School, accreditation, internships, and so, so much more.

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Elin Jacob joined the full-time faculty on the Bloomington campus in August 1995 as an assistant professor. Jacob has B.A. and M.A. degrees in English from the University of Missouri at Kansas City and a Ph.D. in library and information science from the University of North Carolina at Chapel Hill. Prior to joining ILS, she was on the faculty at Wayne State University. In 2001, she was promoted to Associate Professor. During her 22 years at ILS, Elin has taught a variety of classes, including Metadata, Representation and Organization, and Ontologies. Her research has focused on the areas of classification, categorization theory, and knowledge organization. Her work has appeared in many publications, including the *International Journal of Science in Society*, the *Journal of the American Society for Information Science and Technology*, and *Library Trends*, to name a few.

Alice Robbin was appointed associate professor at ILS starting in the fall of 2000. She received her Ph.D. in Political Science from the University of Wisconsin-Madison in 1984. Prior to ILS, Alice was an assistant professor at Florida State University and a visiting professor for the Palmer School of Library and Information Science at Long Island University and for the School of Public Affairs at Baruch College-CUNY. During her 17 years of service to ILS, Alice has taught many classes including Organizational Informatics, Introduction to Research, and Information Policies, Economics and the Law. Her research has focused on the development of information and data infrastructure, communication processes and information flows in complex organizations, law and policy on privacy, confidentiality, and records release for social research, and the politics and classification of racial and ethnic data. Her work has appeared in many publications, including *The Information Society*, *Journal of Government Information*, and *Administration and Society*.

Left: Professors Jacob & Robbin hold their cake, assisted by Associate Professor Xiaozhong Liu.
Devan Donaldson


Susan Herring

- Published in January results from a new research project studying graphical icons such as emoticons, emoji, stickers, and animated GIFs in computer-mediated communication. Herring, S. C., & Dainas, A. (2017). “Nice picture comment!” *Graphicons in Facebook comment threads*, Proceedings of the Fiftieth Hawaii International Conference on System Sciences (HICSS-50), Los Alamitos, CA: IEEE.
- Delivered a keynote speech at the 3rd International Conference of the American Pragmatics Association (AMPRA), which was held in Bloomington, IN, November 4-6, 2016. Topic: “The pragmatics of robot-mediated communication.”
- Delivered an invited talk to the Human-Robot Interaction Group at Cornell University on December 13, 2016. Topic: “Telepresence robot communication, gender, and metaphors of (dis)ability.”
- Delivered an invited seminar to the IMPEC (Interactions Multimodales Par Ecran) group at the Université de Lyon, France, March 24, 2017, via Beam telepresence robot. Topic: “Discourse-pragmatics of robot-mediated communication.”
- Summer 2017 will continue telepresence robot communication research as a Visiting Research Associate at the University of California, Santa Cruz.

Alice Robbin


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ILS WELCOMES NEW FACULTY

Robert Montoya to begin this Fall

In Fall 2017, Robert D. Montoya will be joining the ILS program as an assistant professor. He received his B.A. in American Literature and Culture, with a minor in Anthropology from UCLA, his M.F.A in Creative Writing from Antioch University, and his MLIS, with a specialization in Rare Books, from UCLA. His research broadly examines how communities organize, classify, and share information and how the knowledge organizing (KO) infrastructures that support this exchange are affected by underlying values about knowledge. His dissertation from UCLA is titled, “Composing Consensus: Information, Classification, Biodiversity,” and has also received many awards including a National Science Foundation Dissertation Improvement Grant, a Smithsonian National Museum of Natural History Travel Honorarium, the 2016 Litwin Books Award for Ongoing Dissertation Research in the Philosophy of Information, and the Eugene Garfield Doctoral Dissertation Fellowship from the International Library & Information Studies Honor Society, Beta Phi Mu. More information about his research can be found on UCLA's Ampersand: https://ampersand.gseis.ucla.edu/.

A few “interesting things” about Rob:
• He is finishing up work on a poetry manuscript.
• He loves to experience new cultures. Some of his favorite travel highlights have been backpacking across Costa Rica, Vietnam, and Laos.
• He enjoys participating in and, especially, writing trivia.
• He has never shoveled snow in his life!
• He loves cooking gourmet meals—especially ones that involve barbecuing outdoors.
• He has a deep appreciation for 1960s British Rock.

Letter from the ILS Chair, continued from pg. 2

Our local technology staff of Mark, Steve, and Mike, and the student assistants are always there to support our technology needs. We are very fortunate to have such detailed, dedicated, and forward looking staff and student workers in the Department, and also in the School and the University!

We also have very dedicated alumni and former faculty whose commitment to the Department in all aspects of its function and foundation we are very grateful for.

And last, and most importantly, the Department relies upon the greatness and intelligence of its students and their vision, dedication, and enthusiasm toward becoming the best practitioners and professors in the information fields. Thank you! You are the highest and ultimate good of the Department, School, and the University!!

I’d like to thank all my former and present colleagues, our students, and our staff in the Department, in the School, and in the University and their friends for their support this past spring as I assumed the role of Chair of ILS. I have been able to do my job and this Department has been able to move forward only due to each and all of you. Because of you, I can say with confidence that we will continue forward in our journey.

I sincerely look forward to serving you in the coming year. Thank you.

Sincerely, Ron Day, Chair
Intern Spotlight: Public Libraries

Darcy Stricker

Darcy Stricker interned this semester at Monroe County Public Library (MCPL) within their children’s services. Her intern supervisor was Lisa Champelli, the Children’s Strategist at MCPL. The greatest highlight of her internship was the opportunity to plan and conduct her own preschool story times. She was able to go through the entire process of introducing a new program to the library including writing up a plan with goals and objectives, organizing and designing the activities, inviting members of the community, and conducting the actual program. Her goal after graduation is to work as a public librarian in children’s services, so this internship allowed her to gain firsthand experience in many aspects of children’s librarianship that she will need knowledge of for her future career. She was able to work in tween programming, STEAM programming, baby programming, and at the children’s reference desk.

Allison Wysong

Allison Wysong interned this semester at the Monroe County Public Library in The Ground Floor, a space just for 12 to 19 year olds, under the supervision of Becky Fyolek. As part of her internship, Allison helped facilitate craft programs in the design studio, which features weekly drop in do-it-yourself activities. Allison created one such activity for teens to tie-dye shirts for the Friends of the Library Bookstore and also designed a “blind date with a book” display for Valentine’s Day. Engaging teens in different forms of technology and connecting with teens through their interests in games and graphic novels to increase their involvement in the library was a highlight for Allison. She hopes to continue working with teens as she makes a move to Philadelphia this summer.
STUDENT ACCOMPLISHMENTS

Zheng Gao
• Received the ILS Ph.D. Travel Award to attend the Conference of Network Science in Indianapolis, IN to present his paper co-authored with Dr. Xiaozhong Liu.

David Gustavsen

Sarak Klimek
• Her 2016 ILS-Z525 Government Information student paper titled, “Understanding Controversy: Government Information on Dietary Sustainability,” was published in the ALA online journal DttP: Documents to the People. Sarah was nominated by Z525 instructors Andrea Morrison and Jennifer Bryan Morgan.

Shawn Martin
• Received the ILS Ph.D. Travel Award to attend The Science of Information 1870-1945 conference in Philadelphia, PA for dissertation research on 19th century scholarly communication.

Kendra Werst
• Accepted position to be the Social Networking Coordinator for the Visual Resources Association. (Spring 2017); formally served as Secretary and Treasurer of the VRA Midstates Chapter.
• Awarded the BJ Kish Irvine Graduate Scholarship in Art Librarianship. This annual award is for students who are pursuing Fine Arts Librarianship, with minimum 3.3 GPA and demonstrate potential to be leaders in the field. This award was established by B.J. Kish Irvine to mark her years of dedication and service as a faculty member and Fine Arts Librarian at IU. (Spring 2017).

Satoshi Tsutsui
• Received the ILS Ph.D. Travel Award to attend iConference 2017 in Wuhan, Hubei, China. He presented two co-authored posters with professor Ying Ding: Analyzing Figures of Brain Images from Alzheimer’s Disease Papers and Public Machine Reading System for Alzheimer’s Disease Literature.

Shengnan Yang
• Received the ILS Ph.D. Travel Award to attend iConference 2017 in Wuhan, Hubei, China. Shengnan presented her poster covering a Chinese online event to help her develop her dissertation covering the same regional focus.

Chenwei Zhang
• Received the ILS Ph.D. Travel Award to attend the NetSci 2017 Conference in Indianapolis, IN. She will be presenting her paper, Dynamic Scholar Collaboration Recommendation via Multi-Agent Reinforcement Learning, at the symposium Machine Learning in Network Science.

Faculty Accomplishments, continued from pg. 4

Alice Robbin, cont.
• Chair, Doctoral Consortium. ICTO2017, Information and Communication Technologies in Organizations and Society annual meeting, Paris, France, March 16-17, 2017.
• Elected Vice President, Publications: Information and Communication Technologies in Organizations and Society.
**Spring 2017 Graduates**

**Post Graduation Plans**

**Erin Chiparo** – MLS, Music Librarianship Specialization
After graduation, Erin will continue working as the Public Services Supervisor and Stacks Coordinator at the William and Gayle Cook Music Library.

**Jennifer Goller** – MLS
She will likely be working as the librarian of a tiny village near Chelan, Washington, after graduation.

**Erica Y. Hayes** – MLS/MIS, Digital Libraries Specialization
After graduation, she will be joining the North Carolina State University Libraries Fellows Program, 2017-2019. Her home department will be in the Copyright & Digital Scholarship Center, and her strategic initiative will be “Evolving spaces, evolving services: making sense of the library environment in transition.”

**Teena Joseph** – MIS
Teena has accepted an offer from Cummins Inc. for a Business Analyst position. She joined the MIS program with dreams of becoming a Business Analyst and was fortunate enough to get the opportunity. She cannot deal with busy cities and is excited to move to Columbus, Indiana, a small city which is known for its modern architecture and is the headquarters of Cummins Inc.

**Katherine Martin** – MLS, Archives and Records Management Specialization
She has accepted an Assistant Archivist position processing the records of the Ford Foundation at the Rockefeller Archive Center in Sleepy Hollow, New York.

**Beth Lynn Nolen** – MLS/MIS, Digital Libraries Specialization
She plans on continuing her work with UITS IT Training as a Senior IT Education Specialist, taking what she’s learned during her time in the Library and Information Science programs and putting it to good use in her work with IT Training.

**Kelsey Shanabarger** – MLS
Upon graduation in May, she will be working as a Public Service Specialist at Eckhart Public Library in Auburn, Indiana.

**Katherine Siebenaler** – MLS
Served as President of the student chapter of Society of American Archivists. After graduating in May, she hopes to find a job as an archivist.

**Grant Simpson** – Ph.D.
Grant is graduating with a Ph.D. in both Information Science and English and a graduate area certificate in English and Germanic Philology. His dissertation is called “Computing the English Middle Ages: A Sociotechnical Study of Medievalists’ Engagement with Digital Humanities,” and it investigates three case studies in the area of digital medieval research. After graduation he plans to go on the academic job market to find an Information Science job.

**Revathy Sridharan** – MIS
The great support of professors and the knowledge gained at Indiana University helped her get a job at her dream company, joining Microsoft as a Security Software Engineer in the Azure Security team.

**Kathleen Wantuch** – MLS
Kathleen will be getting married in the fall and hopes to be a Children’s Librarian in the future.

**Leslie J. Winter** – MLS, Rare Books and Manuscripts Librarianship Specialization
Leslie plans on working in Special Collections after graduating.

**Yanyu Zhou** – MIS
His plans after graduating are to land a job in the field of Data Science first, and then maybe get a Ph.D. degree when he gets settled down.

**Other Spring 2017 graduates:**
**Student Groups**

**Spring Activities & Achievements**

**Students of Music Librarianship Group**
At the start of the spring semester, the Student Music Librarianship Group (SMLG) welcomed new officers for the 2017 calendar year. Jessica Abbazio (President), Alvin Ly (Vice President), Madison Carroll (Secretary), Sarah Mason (Treasurer), and Lindsay Weaver (Web Master) will continue to work together during the Fall 2017 semester to facilitate professional development activities related to careers in music librarianship. This spring, SMLG traveled to the Great American Songbook Foundation in Carmel, Indiana, to assist with rehousing manuscript performing materials and held a CV and Cover Letter Workshop led by the team of Chuck Peters, SMLG advisor and Head of Cataloging at the William & Gayle Cook Music Library, and Misti Shaw, Head of Public Services and Outreach at the Music Library. SMLG is looking forward to welcoming new students to the Music Librarianship Specialization in the fall and to partnering with other student groups in ILS to engage their members in activities that will help them to grow as emerging professionals.

**Youth Librarianship Group**
The Youth Librarianship Group purchased children’s books for the Banneker Community Center’s Evans-Porter Memorial Library. This library has a focus on African-American history and culture reflecting the library’s location in a historically significant building and neighborhood but wanted to further expand the diversity of their youth literature collection. Therefore, YLG purchased books from the Center’s “Diversity Wishlist” which were then donated to the Center.

**Society of American Archivists (SAA)**
SAA hosted its first day-long Encoded Archival Description (EAD) and Preservation workshop on Saturday, March 11. EAD was taught by Julie Hardesty and Craig Simpson and Preservation was taught by Elise Calvi and Doug Sanders. There was a great turnout, and the group hopes to do something similar next year.

**The Special Libraries Association Student Group (SLA-SG)**
SLA-SG is dedicated to providing community and professional development opportunities for students with an interest in pursuing a career in special libraries. This spring, SLA-SG partnered with other student groups and SoIC Career Services to host a workshop on Interview Dining Etiquette. SLA-SG also took a day trip to Indianapolis to tour the Kurt Vonnegut Memorial Library and the Indianapolis Art Museum.
Dr. Devan Donaldson, Indiana University  
**February 17, 2017: Understanding Perspectives on Sharing Neutron Data at Oak Ridge National Laboratory**

Even though the importance of sharing data is frequently discussed, data sharing appears to be limited to a few fields, and practices within those fields are not well understood. Dr. Donaldson's presentation focused on perspectives on sharing neutron data collected at Oak Ridge National Laboratory’s (ORNL) neutron sources. Operation at user facilities has traditionally focused on making data accessible to those who create them. The recent emphasis on open data is shifting the focus to ensure that the data produced are reusable by others. This mixed methods research study included a series of surveys and focus group interviews in which 13 consumers, managers, and producers of data answered questions about their perspectives on sharing neutron data. Data consumers reported interest in reusing neutron data for comparison/verification of results against their own measurements and testing new theories using existing data. They also stressed the importance of establishing context for data, including how data are produced, how samples are prepared, units of measurement, and how temperatures are determined. Data managers expressed reservations about reusing others’ data because they were not always sure if they could trust whether the people responsible for interpreting data did so correctly. Data producers described concerns about their data being misused, competing with other users, and over-reliance on data producers to understand data. Dr. Donaldson presented the Consumers Managers Producers (CMP) Model to explain the interplay of each group regarding data sharing and concluded with policy and system recommendations, discussing directions for future research. A paper co-authored with Shawn Martin (ILS doctoral student) and Dr. Thomas Proffen (Head of Neutron Data Analysis and Visualization in the Neutron Science Directorate at Oak Ridge National Laboratory) reporting the findings of this research has recently been accepted for publication in *Data Science Journal*.

Dr. Allen Riddell, Indiana University  
**March 2, 2017: Enumerating the Great Unread: Estimating the Yearly Rate of Novel Publication in the British Isles, 1789-1914.**

It is widely acknowledged that literary historians and historians of publishing do not know how many novels were published during the 19th century in the British Isles. Exhaustive bibliographies do not extend past 1836. Estimates of the number of new titles published during the remaining years of the long 19th century have considerable practical value. The estimates are useful for the continuing work of bibliographers and for assessing the degree of representativeness of convenience samples of...
In 2016, the Oxford English Dictionary chose the term ‘post-truth’ as its word of the year, an adjective that it defined as ‘relating to or denoting circumstances in which objective facts are less influential in shaping public opinion than appeals to emotion and personal belief’ (Oxford English Dictionary, 2016). The term, coined in 1992, has risen in use since the European Union referendum in the United Kingdom and the United States presidential election. It relates to a rise of anti-intellectualism that is undermining faith in the professional integrity of all knowledge fields and in the value and authority of records and archives as sources. Although very ‘of the moment,’ the phenomenon exemplified by the notion of post-truth is not new. What has changed in the digital age is its ‘always on’ connectivity, that lets falsehoods circulate at rates unimaginable only a few decades ago, as well as the pervasiveness of distribution channels that tend to sidetrack traditional institutions in favor of a populism where reputation as a trusted source no longer carries much, if any, weight. Dr. Duranti discussed findings from her InterPARES Trust research project, which examines the willingness and capacity of the records and archives profession to collaborate with providers of technology and services and network communications, and experts in computer engineering, cyber-security, e-business, e-discovery, digital forensics, evidence law, intellectual rights, investigative reporting, media credibility, journalism, knowledge organization, political science, philosophy, and sentiment analysis in the production of requirements, tools and methods, as well as shared guidelines to ensure people’s ability to access complete factual information based on authentic, accurate, and reliable contextualised records.

The thesis underlying the theory of documentality is that what keeps society together must be sought in the sphere of the fixation of actions and the construction of social objects. In the perspective of documentality these insights are systematized by the constitutive law of social objects Object = Recorded Act[1]; a social object is the result of a social act that takes place between at least two people, or between a person and a delegated machine, and which has the characteristic of being recorded on some surface, including the minds of the social agents. This constitutive law is articulated in four levels. Recording is what allows for social objects – things like promises, bets, assignments, money, which require acts of communication, but must set themselves as recordings, otherwise they would remain empty words. Indeed, the acts we produce acquire meaning only if inscribed, and once inscribed they are extremely powerful: think of signatures deciding for war or peace, or typos causing stock market crashes. There is another sense in which people’s deep motivations and initiatives depend on texts.

[published during the 19th century will be able to estimate a variety of quantities of interest, such as, for each year, the percentage of novels written by women and the percentage of novels reviewed each year in “high-culture” literary reviews. In his presentation, Dr. Riddell showed how the yearly rate of new novel publication could be successfully modeled by combining a heterogeneous collection of related time series.]

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Tanya James, Global Fashion Technology Federation
April 7, 2017: Technology: The Future of Clothing

Ms. James spoke about the technological changing landscape in the fashion business, the future job opportunities and the latest design and manufacturing processes. Technology is on the verge of transforming what we wear, from sports-wear that monitors the body, to fashion that inhabits the space where science, art, and human physicality collide. The fashion industry is predicted to change more in the next ten years than it has over the last 100. Consolidation, computerization, and globalization are the major disruptions of today and will continue to be as they morph and change. Around the world, innovative fashion designers are working to make technology an integral part of the clothing we wear and new technologies are at the forefront of these disruptions. Emerging hybrid models are changing the landscape of the Fashion’s business and helping companies thrive in a world of growing complexity resulting in social and economic changes that have transformed the way fashion is designed, developed, produced, and consumed.

Dr. Maurizio Ferraris, cont.

The role of documentality in the constitution of intentionality also concerns – in the most obvious and elementary sense – the benefits coming from sharing plans in the management of collective intentionality. Acting on the basis of written documents is the secret of military effectiveness, but more extensively it is the foundation of social action, as demonstrated by the importance of bureaucracy in the formation and management of power. More decisively, documentality is the condition for the genesis of individual intentionality. This becomes particularly evident in highly mediatised societies, as evidenced by the documedial revolution, which is the best observatory to grasp the dynamics of documentality.

Dr. Maurizio Ferraris of the University of Turin twice lectured at ILS at the end of April through its colloquium series and through a grant from IU’s Institute for Advanced Studies on the topics of the World Wide Web and on his concept of documentality. Professor Ferraris is the author of over 50 books and many articles. This was the first stop in a multi-university tour in the U.S., Latin America, Asia, and Europe.