

SCHOOL OF INFORMATION AND LIBRARY SCIENCE @ *Carolina*

SPECIAL 80TH ANNIVERSARY EDITION FALL 2011

NUMBER 75

Celebrating 80 Years



UNC

SCHOOL OF INFORMATION
AND LIBRARY SCIENCE

Building Our Information Future!

Dean Gary Marchionini's Message



Dear Alumni and Friends:

We are planning an exciting year of celebration as we approach SILS's 80th anniversary. In September, we'll kick-off the celebration with a football tailgate; the Lucile Kelling Henderson Lecture; a day-long open house that will include campus and school tours, storytelling for the children, research highlights and much more; and the Susan Steinfirst Memorial Lecture in Children's Literature. Throughout the year, additional events will be scheduled with a grand finale of an Information Professionals 2050 Symposium and Conference slated for spring 2012.

During our celebration, we'll reflect on SILS as an information school rooted in the values of library science: universal access, collaboration, intellectual freedom, learning, organization and stewardship. Our aim has been and continues to be to educate leaders who will shape the future of information in all contexts and to investigate and develop information theories and practices that lead the world to higher levels of prosperity, equity and understanding.

As you will read in the pages of this newsletter, SILS continues to generate new ideas and directions for the information and library science field. Our graduates, students, staff and faculty are shaping the future, excelling in a variety of ways. They win prestigious awards; publish books and papers; obtain external grants on cutting edge research; share their research findings around the world through important meetings, presentations and superb teaching; and they stand out in leadership positions in scholarly societies. Because of these exceptional efforts, SILS continues to shape a bright future and stand as an exemplar for information and library schools everywhere.

To ensure the future is bright, we are delighted to welcome four young scholars who specialize in diverse areas of research to fill our open faculty positions (see page 24). They bring a new dimension to the School and

we are pleased to add them to our faculty.

Last spring, the Graduate School conducted a review of SILS' programs, which entailed an extensive self-study, site visit and a final report by a review team. The process will serve us well as we continue to seek resources and plan our future instructional programs. Several changes have already resulted from the review, a few of which include:

- Initiation of a Health Informatics certificate program with strategies for a Master's degree in the coming one to two years.
- Plans for a dual Bachelor of Science/Master of Science program.
- Oversight of each of our programs through assigned faculty directors who focus on curriculum revision and increased recruitment efforts.
- Creation of a Carolina Academic Technology Associates (CATA) program, modeled on the successful Carolina Academic Library Associates (CALA) program, to serve as the base for a Chief Information Officer track in the curriculum.
- Additions to our international programs, some which are in place or in the planning process such as: University College London, England; Charles University, Prague; Morocco and Egypt; National University of Singapore; and Zayed University, United Arab Emirates.

A recurring theme of the "Graduate Study Review Report" concerned the School's physical space. As those of you who attended classes in Manning Hall are aware, we have space constraints that limit our growth, requiring us to be creative in using the space we have. We recently worked with the Provost's Office and campus Facilities personnel to develop a "Facilities Plan" that will accommodate our current and immediate future needs. The School is indebted to many individuals who helped us craft a strong plan, including alumna Marian Parker (MSLS '80). I sincerely appreciate Marian's helpful advice and wise counsel.

One of the strategies of the plan is to offer a set of naming opportunities, approved in May 2011 by the UNC Board of Trustees and unveiled earlier this month on the SILS Web site. I am very pleased to share this news with you. Pages 18 and 19 of this newsletter contain more details, and I invite you to read it over to see where you may fit into our plan.

In the midst of these incredibly positive transformations, the reality of severe economic challenges across the nation and our state has once again hit home. The Board of Governors recently announced an 18 percent budget cut from state appropriations for the University of North Carolina at Chapel Hill, the largest cut across the Carolina system. These reductions are in addition to the past two years of cuts to the University's budget. Thanks to support from the University's administration, there are no layoffs expected this year to our already small and dedicated staff. Financial support for students in the form of fellowships and assistantships, as well as monies for adjunct faculty, will be reduced. Even with these difficult reductions, we are confident that our programs will be as high in quality as ever to continue to provide a top notch education and excellent classroom experience for our bright students.

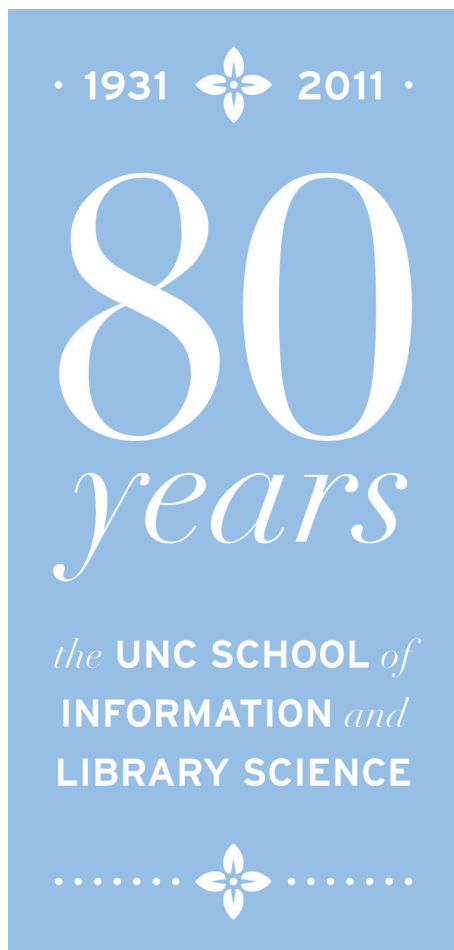
We are expecting an exciting, but challenging year. I hope you are able to join in on the fun of our 80th anniversary activities and find time to come home to Carolina. Please know that we appreciate your role as an ambassador of SILS and UNC at Chapel Hill, and we request your continued involvement and financial support as we attempt to manage through these trying economic times. Your help now is needed more than ever before.

Sincerely,

Gary Marchionini

Dean and Cary C. Boshamer Distinguished Professor

Celebrating 80 years - Come home to Carolina



Building our information future.

Come home to Carolina this fall!

The 80th Anniversary Planning Committee

- Sarah Snow, co-chair, information management consultant
- Fred Roper, co-chair, distinguished dean emeritus, University of South Carolina School of Library and Information Science
- Dean Edmonds III, program manager, U.S. Postal Service (grandson of Louis Round Wilson)
- Duncan Smith, NoveList Product manager, EBSCO Publishing
- Amanda Foster, president of ILSSA
- Joanne Gard Marshall, SILS alumni distinguished professor
- Rebecca Vargha, SILS librarian
- David Woodbury, past president of SILS Alumni Association

Ex Officio Members

- Stephanie Cole, SILS director of Development
- Gary Marchionini, SILS dean and Cary C. Boshamer distinguished professor
- Wanda Monroe, SILS director of Communications

Special lectures, storytelling, tours, historical exhibits, research presentations, a pre-game "tailgate" featuring Carolina barbecue and just plain fun will be part of the festivities surrounding the kick-off of the 80th anniversary of the School of Information and Library Science.

The School will kick-off its 80th anniversary celebration with a number of events beginning the day the School first held classes on Sept. 17, 1931 and events scheduled Sept. 23rd - 25th.

Saturday, Sept. 17th, 12:30 p.m. SILS, the SILS Alumni Association (SILSAA) and the Information and Library Science Student Association (ILSSA) will host a tailgate before the football game between the Tarheels and the University of Virginia. The tailgate barbecue will be a special opportunity to network with fellow alumni, current students, staff, friends and memorable faculty. At 1:30 p.m., a brief program will be held to recognize special SILS alumni, including current and past SILS distinguished alumni, and the family of our founder, Louis Round Wilson. Join us as the candles are blown out on the SILS birthday cake to officially mark the kick-off of the year-long celebration. The tailgate will be held on the lawn in front of Manning Hall on the UNC at Chapel Hill campus. Reserve your space at: alumni.unc.edu/sils

Note: Football tickets may be purchased on the Tarheels Web site at: tarheelblue.cstv.com/

Friday, Sept. 23rd "On the shoulders of giants: How SILS achieved the national championship in Library and Information Science," by Dr. Fred W. Roper, distinguished dean emeritus of the University of South Carolina's School of Library and Information Science and SILS distinguished alumnus; words from University and State officials; and musical entertainment are all part of the agenda as the celebration continues at 3 p.m. Alumni, faculty, staff, students and friends will gather at the George Watts Hill Alumni Center Ballroom for the annual Lucile Kelling Henderson Memorial Lecture. A reception to celebrate the kick-off will follow the formal presentation.

Saturday, Sept. 24th Several activities including a campus tour; research presentations; a special SILS exhibit at Wilson Library; storytelling with Dr. Brian Sturm, SILS associate professor; crafts for the kids; and more are planned. The schedule for the day is:

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| 9 a.m. to 1:00 p.m. | SILS Exhibits at Wilson Library, "UNC School of Information and Library Science: 80 years of building our information future" and "Meaningful Marks: Image and Text and the History of the Book" |
| 9 a.m. to 4:30 p.m. | SILS Historical PowerPoint Presentation (Manning Hall Room 208) |
| 10 a.m. to 11:30 a.m. | Architectural walking tour of UNC led by Associate University Librarian Will Owen |
| 11:30 a.m. to noon | Storytelling with Dr. Brian Sturm, SILS associate professor |
| noon to 12:30 p.m. | Crafts for the kids |
| 12:30 p.m. to 2 p.m. | Break |
| 2 p.m. to 3 p.m. | Information Sessions of SILS programs (BSIS, MSIS, MSLS, Ph.D.) |
| 2 p.m. to 3 p.m. | SILS Book Group - <i>This Book Is Overdue! How Librarians and Cybrarians Can Save Us All</i> by Marilyn Johnson |
| 3 p.m. to 4:30 p.m. | Research Highlights |

Sunday, Sept. 25th, 2011 at 2 p.m. the Susan Steinfirst Memorial Lecture in Children's Literature will be held in Gerrard Hall. The guest speaker is Linda Sue Park, Korean-American author of picture books and novels for children. Park is an award-winning author who has published works such as, *The Firekeeper's Son*, *Seesaw Girl*, *The Kite Fighters*, *Yum! Yuck!* and her most recent book, *A Long Walk to Water*. The lecture will include remarks by university and state officials with a reception and book signing immediately following in the Campus YMCA, located next door to Gerrard Hall.

The anniversary committee is planning a series of events that will take place throughout the anniversary year with a grand finale that can't be missed. Be sure to visit the SILS Web site often at sils.unc.edu for new details on speakers and events and the very special Information Professionals 2050 (IP2050) Symposium.

Make your reservations to attend SILS 80th anniversary events today at: alumni.unc.edu/sils

Make sure you're part of this once in a lifetime celebration.

Faculty Research: LifeTime Library



Dean Gary Marchionini, center, with LifeTime Library developers. From left are, Arcot Rajasekar, Daniel Beaver-Seitz, Terrell Russell, Reagan Moore and Mike Conway. Photo by Dan Sears.



Michael Hughes (MSLS '12) demonstrates the interface of the LifeTime Library which currently features a drop and drag capability for easy access to files.

Members of the LifeTime Library Project Team

- Gary Marchionini, project leader of the LifeTime Library (LTL), dean of SILS and Cary C. Boshamer distinguished professor
- Reagan Moore, director of the DICE Center, and SILS professor - provision of LifeTime Library resources including 30 TBs of disk space
- Arcot Rajsekar, DICE group member and SILS professor - implementation of information resource objects that integrate external information resources with the LTL
- Scott Adams, SILS Information Technology - SILS infrastructure
- Mike Conway, development of an interface to support data sharing, data synchronization, and data movement
- Antoine de Torcy, DICE group member and researcher - management of the data grid infrastructure, including disaster recovery mechanisms, automated data replication, audit trails, quotas
- Terrell Russell (Ph.D. '11), evaluation of interfaces to the LifeTime Library
- Fred Stutzman (Ph.D. '11), evaluation of interfaces to the LifeTime Library
- Daniel Beaver-Seitz (MSIS '12), LTL administration

Alpha testers contributing during the pilot included students:

Laura Briskin, Elizabeth Coleman, William Cook, Elizabeth DeBold, Sarah Dooley, Ellen Duncan and Michael Hughes

The LIFETIME LIBRARY will provide digital storage throughout a graduate's lifetime

How often have you asked yourself, “What did I do with that report I presented during my days at the university? Did I save it on my laptop, on a CD, to my cell phone or is it on a computer I no longer have?” Or after graduating, have you sadly remembered that you saved a special photo in your folder on the university’s server only to realize it was now gone forever?

Imagine staying permanently connected to your university with the added gift of digital storage throughout your lifetime? For the first time, that wish will come true for students entering the School of Information and Library Science (SILS) at the University of North Carolina at Chapel Hill through a new project called the LifeTime Library.

The LifeTime Library is the brainchild of Dr. Gary Marchionini, dean of SILS and Cary C. Boshamer Distinguished Professor. Since his arrival to Chapel Hill in 1998 he has discussed the possibilities of allowing students to keep their digital files where they can access them whenever they need them for as long as they need them before and after graduation.

“The vision is for students who attend Carolina to be provided with storage facilities that would be persistent after they graduate,” said Marchionini. “This would include private space to keep files, photographs, personal health records and legal downloads of music – all in one place.”

For students transitioning from university life to the world of work, they would be able to access their projects and classwork for easy reference. Marchionini says that as years go by personal information becomes more important. With the LifeTime Library, personal records would be easy to store and access.

“The LifeTime Library would mean having a place where you are assured and trust that it will be persistent for your lifetime,” says Marchionini. “It will also connect alumni with the school and the university in yet another meaningful way.”

The LifeTime Library Pilot Program

In fall of 2010, Marchionini launched a pilot program to develop and test the environment of the LifeTime Library. With the current process of deleting student files from university servers upon graduation to free space for incoming students—a practice used by universities around the world—server space and how students would access the library after leaving the university were critical

issues. Several students from SILS and the UNC at Chapel Hill School of Journalism were invited to participate in the pilot to test the environment by identifying language, layout and functionality issues and to determine what kind of files students would like to maintain at the university. Beginning on a small scale, the plan is to identify what the issues are – working through terms of service policies to understand what issues need to be worked out.

SILS student, Michael Hughes, became involved with the project at the invitation of Daniel Beaver-Seitz, a student who is helping develop the LifeTime Library through a CRADLE fellowship. Hughes notes that the program is still early in the alpha stage and is far removed from its final appearance and usability.

“The program’s developers strive for an easy-to-use, drag-and-drop interface, in keeping with recent trends in application development,” said Hughes. He is identifying issues with the program accepting files, cloud-based storage, interface aesthetics and functionality to improve the program.

One of the access methods currently being tested includes the iDrop Client which allows the side-by-side capability of dragging and dropping files. A Web client will allow access from anywhere at any time. Another feature will include “watched folders” or those folders graduates wish to have backed up. During the pilot phase, instead of the onyen (login name) all students are given to access server space while actively attending classes, a new user name will be assigned to access the LifeTime Library. One of the goals of the developers is to allow file synchronization with multiple devices.

The Data Intensive Cyber Environment (DICE) group is spearheading the software development and cloud storage aspects of the project, which coincides with their research efforts on massive large scale storage.

Associated Costs of the LifeTime Library

The costs of creating and maintaining the LifeTime Library is a factor that Marchionini considered first and is still considering. SILS made the initial investment with the LifeTime Library by sponsoring the pilot program—providing storage and development time on a small scale. The goal is to have the campus join in after the pilot is completed with industrial partners working with the school and university throughout the years.

“Currently, people use free services supported by advertising or pay monthly fees to vendors who offer storage space for keeping track of their personal re-

positories,” said Marchionini. “The LifeTime Library is not intended to compete with those businesses, but instead create a model that is economically viable from a public university perspective that will provide students and alumni with skills and ongoing trusted storage to manage their digital lives and remain connected to lifelong learning opportunities at little or no cost to them.”

Discussions about the LifeTime Library have taken place at various professional conferences, with deans of other iSchools, with various campus colleagues, as well as with members of the SILS Board of Visitors. Interest from several technology companies has been demonstrated with the hope of developing partnerships.

The Value of the LifeTime Library

In addition to providing a rich personal library that will develop over the course of a lifetime, the LifeTime Library has the potential of providing access to the intellectual and social sides of life on campus. Social software, such as Twitter feeds, Facebook interactions and blogs may become part of the personal library as well. Alumni will have their active library in a secure, reliable space—the university. Because the LifeTime Library will also include public spaces, data and event streams of interest to many people can also be made available. Students and alumni may choose to virtually participate in the many great events taking place on campus any given day. More and more events are captured by video and recordings – all of which can be included as ways for alumni to stay in touch with Carolina throughout their lives.

“What we have in the digital age is the possibility of making significant portions of our knowledge base explicit and saved in a more assured way through digitalization,” said Marchionini. “Our digital archive and trusted connections to public archives allows for yet another layer of knowledge.”

SILS will be the first School to offer a LifeTime Library to its students and graduates. The first class to take advantage of this service will be the incoming SILS class in the Fall of 2011 with additional graduates participating as the library develops.

Beaver-Seitz is excited about the possibilities the LifeTime Library brings. He says the LifeTime Library, even in pilot mode, is on its way to being something really significant.

“This is where my intellectual life lives,” says Beaver-Seitz. “When I graduate and move on with my work life, I want to take UNC with me.”

With the LifeTime Library, he can.

Faculty Research: Digital Forensics

Dr. Christopher (Cal) Lee is not a police officer, nor is he a lawyer or in the criminal justice field, but he is an information practitioner. He studies and helps others to understand digital forensics – defined by Rodney McKemmish as “the process of identifying, preserving, analysing and presenting digital evidence in a manner that is legally acceptable.” *

“While the application of forensics techniques inherited from law enforcement and computer security in a cultural heritage setting may seem odd or counter-intuitive, in fact, as Cal has repeatedly demonstrated through his pioneering work, the combination is not only natural, but also mutually enriching,” said Matthew G. Kirschenbaum, associate professor, Department of English and associate director, Maryland Institute for Technology in the Humanities at the University of Maryland. “Libraries, special collections, and other collecting institutions increasingly receive computer storage media (and sometimes entire computers) as part of their acquisition of ‘papers’ from contemporary artists, writers, musicians, government officials, politicians, scholars, scientists and other public figures. Smart phones, e-book readers, and other data-rich devices will surely follow. The same forensics software that indexes a criminal suspect’s hard drive allows the archivist to prepare a comprehensive manifest of the electronic files a donor has turned over for accession; the same hardware that allows the forensics investigator to create an algorithmically authenticated ‘image’ of a file system allows the archivist to ensure the integrity of digital content once captured from its source media; the same data-recovery procedures that allow the specialist to discover, recover, and present as trial evidence an ‘erased’ file may allow a scholar to reconstruct a lost or inadvertently deleted version of an electronic manuscript—and do so with enough confidence to stake reputation and career.”

Lee says that the traditional and predominant contexts of application in digital forensics are criminal investigations; however, these are not the contexts that drive his research and teaching. Instead, he works in a space that he’s calling “forensication” -- the incorporation of digital forensics methods, tools and concepts in contexts other than criminal investigations. In particular, he is enabling information professionals to apply digital forensics principles, methods and tools to the acquisition, management, preservation and dissemination of archival materials such as government records and personal collections.

An entire industry has developed around issues of lifting data off of physical media, which is also a fundamental issue for institutions that are acquiring digital collections. There are now many companies offering data recovery services. Professionalization of this work has included the establishment of specialized conferences and journals. There are also formal education programs such as those offered by the National Center for Forensic Science - computer forensic proficiency test since 2007, Master of Science in Digital Forensics since Spring 2008, and both undergraduate and graduate education offerings at a variety of institutions.

“In 2002, the IETF issued ‘Guidelines for Evidence Collection and Archiving,’ which signaled attention to these issues among developers, engineers and administrators,” said Lee. “There are many notable overlaps with archives literature including evidential value, chain of custody and documentation of acquisition activities. A landmark in the connection of these issues to digital curation was a report in 1999 called “Digital Archaeology: Rescuing Neglected



and Damaged Data Resources” by Seamus Ross and Ann Gow. Most recently, a project funded by the Mellon Foundation called “Computer Forensics and Born-Digital Content in Cultural Heritage Collections” hosted a symposium and generated a report, which have provided significant contributions to this discussion.” Lee served on the Advisory Board for the project, participated in the symposium and contributed to its final report.

Lee says that materials with significant cultural value are now predominantly “born digital,” and collecting institutions have great opportunities to acquire and preserve resources that document a wide array of human activities. In order to seize these opportunities, information professionals must be prepared to extract digital materials from removable media in ways that reflect the rich metadata and ensure the integrity of the materials. They must also support and mediate appropriate access: allowing users to make sense of materials and understand their context, while also preventing inadvertent disclosure of sensitive data.

He notes that there are already many cases of self-contained Linux-based packages that bundle many of the tools in order to support digital forensics activities. However, they are not likely to be very approachable to library/archives professionals in terms of interface and documentation. He says even more importantly, are two fundamental needs for collecting institutions that are not addressed by software designed for the digital forensics industry:

With Dr. Christopher (Cal) Lee

(1) Incorporation into the workflow of archives/library ingest and collection management, e.g. metadata conventions, hooks into existing collection management systems.

(2) Provision of public access to the data. The typical digital forensics scenario is a criminal investigation in which the public never gets access to the evidence that was seized. By contrast, collecting institutions that are creating disk images face issues of how to provide access to the data. This includes access interface issues, but also how to redact or restrict access to components of the image, based on confidentiality, intellectual property or other sensitivities.

Lee's research has been attempting to meet these needs.

Lee, along with Kam Woods, postdoctoral fellow at SILS, is currently administering "Curation of a Forensic Data Collection for Education," which is a sub-grant of a National Science Foundation-funded project led by Simson Garfinkel of the Naval Postgraduate School.

"We are developing and enhancing a collection of data that represents realistic scenarios (e.g. traces of computer use that span many years, multiple disk images that are relevant to the same matter, numerous end-user applications installed and used), while also being appropriate for students to use in support of digital forensics education," said Lee. "Primary focus areas are annotation, scenarios, exercises, answer keys and other forms of data that can further enhance access and use of the disk images. We are also investigating strategies for ensuring that the data sets will remain available and useful beyond the life of the project."

Lee, Garfinkel and Woods are investigating a variety of issues, system requirements and technical strategies for the management and long-term preservation of forensically-acquired data. They recently published a paper about this work called "Extending Digital Repository Architectures to Support Disk Image Preservation and Access" in the Proceedings of the Joint Conference on Digital Libraries.

In association with DigCCurr 2009, the digital curation curriculum symposium held April 1-3, 2009 in Chapel Hill, NC, Lee organized a symposium with Richard Szary (UNC at CH) and Tom Hyry (then at Yale University) called "Stewardship of E-Manuscripts: Advancing a Shared Agenda." An invited set of leaders in this field – from Australia, Austria, the United Kingdom and the United States – shared strategies for and experience with the selection, acquisition, arrangement, description, preservation and access to personal materials in digital form; this included participation of numerous leading experts on the application of digital forensics techniques to the acquisition of digital collections.

From June 2010 to June 2011, Lee led a project called the Digital Acquisition Learning Laboratory (DALL), which was funded by the Andrew W. Mellon Foundation. He has overseen the installation and setup of the digital forensics hardware and software to be used in support of both course work (offered to undergraduate and graduate students) at SILS and continuing professional education offerings. DALL has allowed Lee to participate in several intensive digital forensics courses. In the Spring 2011 semester, he administered an integrated set of exercises within a course (Electronic Records Management), which he team-taught with fellow SILS faculty member Richard Marciano. Lee and Woods also developed and administered a new special-topics course at SILS called "Acquiring Information from Digital Storage Media," which introduced

students to digital forensics concepts and methods, using both commercial and open-source software. In addition to building significant hardware, software and procedural capacity for future digital forensics teaching and research, the DALL project has provided SILS personnel with valuable practical lessons about the likely opportunities and challenges of information professionals professionals using digital forensics tools.

"Through a series of professional papers, grants, and workshops conducted at major international conferences, Cal Lee has provided both technical and conceptual guidance as archivists struggle to assimilate these powerful but alien and even foreboding tools and methodologies into their daily workflows," said Kirschenbaum.

When asked where he thought this technology was headed, Lee said, "My vision is for widespread incorporation of the right bits and pieces of forensics methods into routine processing of acquisitions by collecting institutions."

*Source: McKemmish, R. "What is Forensic Computing?" *Trends and Issues in Crime and Criminal Justice* 118 (1999).

About Cal Lee

Christopher (CAL) Lee is an associate professor at the School of Information and Library Science at the University of North Carolina at Chapel Hill. He teaches courses on archival administration; records management; digital curation; understanding information technology for managing digital collections; and the construction of policies and rules for digital repositories. He also teaches half-day and full-day professional workshops on the application of digital forensics methods and principles to digital acquisitions. He is one of the lead organizers and instructors for the DigCCurr Professional Institute, which is a week-long continuing education workshop on digital curation that draws participants from around the world.

Lee's primary area of research is the long-term curation of digital collections. He is particularly interested in the professionalization of this work and the diffusion of existing tools and methods (e.g. digital forensics, Web archiving, automated implementation of policies) into professional practice. He edited and provided several chapters to the book entitled, *I, Digital: Personal Collections in the Digital Era*, recently published by the Society of American Archivists.

He has served as the principal investigator of the two projects discussed above: Digital Acquisition Learning Laboratory (DALL) and "Curation of a Forensic Data Collection for Education" (sub-grant of NSF Award DUE-0919593). He has also served as co-PI with Dr. Helen Tibbo, alumni distinguished professor at SILS on several projects funded by the Institute for Museum and Library Services (IMLS): "Closing the Digital Curation Gap" (CDCG); "DigCCurr II: Extending an International Digital Curation Curriculum to Doctoral Students and Practitioners;" "Educating Stewards of Public Information in the 21st Century (ESOP1-21);" "Educating Stewards of the Public Information Infrastructure (ESOP12);" and "Preserving Access to Our Digital Future: Building an International Digital Curation Curriculum & the Carolina Digital Curation Fellowship Program (DigCCurr)."

Faculty Research: HIVE



Automating the Buzz!

Imagine the need and desire to index some important research data that have just been made available on the Web in digital form. The aim is to do high quality indexing, using standardized vocabularies (e.g., thesauri, taxonomies and ontologies). Let's say the research data are about the endangered Andean and Chilean flamencos living in the Altiplano, the magnificent Salar de Uyuni (salt flats) of Bolivia; the data tracks the migration patterns of this species and the impact of environmental conditions from nearby experimental mining of uranium during the last quarter of the 20th century. The data are interdisciplinary, covering biology and environmental science, during a certain time period, in a certain geographical region.

High quality indexing requires one to draw the very best standard indexing vocabularies covering biology, environmental science, time periods and geographic regions. The challenge is that although specialized, rich vocabularies covering these individual sub-topics are accessible via the World Wide Web, it is very timely to search each vocabulary independently and consider an appropriate indexing term. There is currently no mechanism for simultaneously searching multiple vocabularies in a unified way. The human resource time is too costly, so the researcher is likely to settle for a more general vocabulary and do the best he or she can, and then move on to the next task. This problem is rampant in attempts to index interdisciplinary resources in the growing collection of digital libraries, archives and repositories that house interdisciplinary resources.

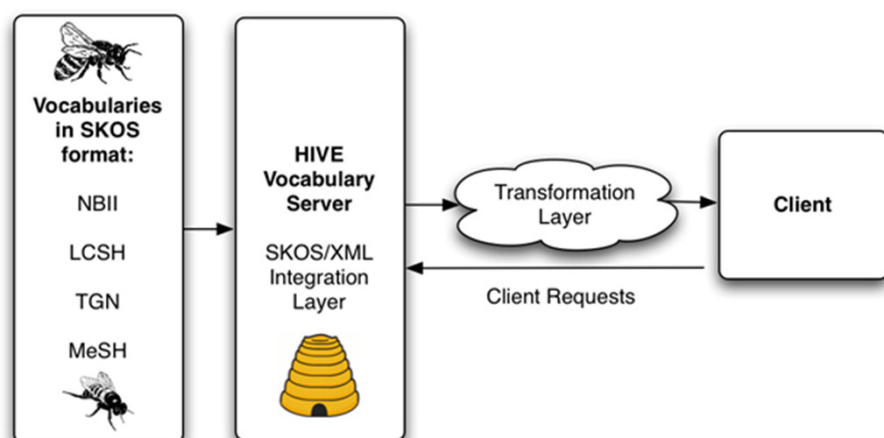
These challenges are being addressed via the Helping Interdisciplinary Vocabulary Engineering (HIVE) project, led by a research team at the University of North Carolina at Chapel Hill's School of Information and Library Science (SILS) Metadata Research Center (MRC), in collaboration with the National Evolutionary Synthesis Center (NESCent) in Durham, N.C.

The HIVE project (https://www.nescent.org/sites/hive/Main_Page) is an automatic metadata generation approach that dynamically integrates multiple standardized vocabularies or perhaps "dynamically integrates multiple vocabularies for cataloging encoded with the Simple Knowledge Organization System (SKOS), a World Wide Web Consortium (W3C) standard. HIVE allows a person to simultaneously search multiple vocabularies in a unified fashion.

Funded by the Institute of Museum and Library Services, HIVE presents both a model and a system. HIVE supports automatic metadata generation (cataloging) by drawing descriptors from multiple controlled vocabularies during a single cataloging sequence, in an efficient and affordable manner (Greenberg, et. al., 2011).

"The HIVE logo explains the model," said Greenberg, project Principal Investigator and director of the Metadata Research Center. "Think of a bee searching multiple flowers for pollen, and bringing it back to the HIVE. It is like a selective search for the best indexing vocabulary, drawing from multiple sources." Greenberg says that the research team likes to think of HIVE as a verb—meaning that to hive (or hiving) is the process of searching and pulling the best indexing terms for resource description from multiple vocabularies.

The HIVE project uses SKOS, a standard developed for encoding thesauri and other standard vocabularies in the eXtensible Markup Language—XML. The simple, universal application of SKOS permits vocabulary systems to become easily machine manipulable and interoperable during a metadata generation sequence. Multiple vocabularies representing different domains (art, biology, history) or facets (topic, time period, location) can be searched at once during indexing if they are encoded in SKOS. HIVE vocabulary partners, the Library of Congress and the United States Geological Survey and The Getty Research Institute have embraced SKOS and XML allowing for automatic synchronization. HIVE has international reach and includes a connection with the Biblioteca Nacional de España (the national library of Spain). Advisory board members Eva Méndez Rodríguez and Gema Bueno de la Fuente, both at the University Carlos III of Madrid (UC3M), Spain; former MRC research



associate José Ramón Pérez Agüera, Spain; and advisory board member Alistair Miles of the United Kingdom bolster the international aspect of this project.

“HIVE has gained a bit of traction over the last year,” said Ryan Scherle, data repository architect at NESCent and HIVE co-PI. “The code is accessible via Google-code, a venue for sharing Open Source code; and we are aware of HIVE implementations and exploration via the Long Term Ecological Research Network, the Library of Congress Minerva project and Yale University.”

In addition, the Google Summer of Code (GSoC) program, which provides students an opportunity to contribute to Open Source developments, includes HIVE through a connection with the DSpace Community. This year’s DSpace Community GSoC activities include a project proposed by Ph.D. student Yigang Zhou (of the School of Information Management, Wuhan University, P.R. China) to provide a SKOS based Authority Control for DSpace. The project is being mentored by Scherle and DSpace Committer Mark Diggory (of @mire Inc.). Yigang’s solution will be capable of providing semantic search, term completion and graph traversal on SKOS based taxonomic data sources.

“There is great promise that the work will provide an integration of HIVE and DSpace (popular repository software) in a future Dryad release,” said Mark Diggory, DSpace Committer at atmire.com in Carlsbad, CA and Belgium. “The larger outcome is that the HIVE applications will be available to any DSpace instance that seeks to integrate this SKOS-based authority control module to aid metadata generation.”

“One of the most exciting aspects for the HIVE project has been student involvement,” said Greenberg. Greenberg and HIVE co-investigator, Robert Losee, SILS professor, have engaged and mentored several students to explore information retrieval, interface design and metadata quality issues with HIVE. Losee notes that the output has resulted in several SILS master’s papers, conference presentations and a student showcase.

Key project staff includes SILS doctoral student Hollie White and SILS master’s student Craig Willis. SILS staff, Aaron Brubaker, assistant director of information technology; Tammy Cox, assistant dean of administration; Wanda Monroe, director of communications; and Wake Harper, Student Services assistant have all offered project support. Greenberg commented that “Hollie and Craig’s efforts have been tremendous, leading a series of



HIVE team members center Lina Huang, Hollie White, Jane Greenberg, Madbura Marathe and José Ramón Pérez Agüera; far-left, Michael Graves and Jacob Kramer Duffield, and far-right, Rabul Deshmukh and Michael Shoffner; MRC graduate students and research associates, engaged in Metadata Research Center projects that dovetail with HIVE.

Bottom photo: Jane Greenberg, Hollie White, and Craig Willis, back row, Lee Richards (HSL) and Bob Losee. Missing from the photos is Ryan Scherle, co-PI of HIVE.

nation-wide SKOS-2-HIVE workshops over the last year.” Workshops have been presented at the 2010 American Association of Law Librarians Annual Conference, 2010 Annual ASIS&T conference and more recently at George Washington University, the University of North Texas and Columbia University, New York City. The workshops have drawn over 150 participants from education, government, industry and cultural organizations.

“The HIVE workshops have been our way of reaching out to the professional library community and beyond,” said White. “Attendees leave the workshop with more knowledge about current standards and feel empowered to incorporate SKOS and HIVE into their everyday work.”

SILS students and several graduates connected to HIVE included Julie Adamo, Dana Haven, Lina Huang, Lesley Skalla and Jacqueline Sherman. “They have all made significant contributions to the project” said Greenberg, noting that “exploring new horizons collaboratively has been rewarding for us all.”

Recent publication

Greenberg, J., Losee, R., Pérez Agüera, J.R., Scherle, R., White, H., and Willis, C. (2011). HIVE: Helping Interdisciplinary Vocabulary Engineering. *Bulletin of the American Society for Information Science and Technology*, 37 (4): 23-26.

Sarah Carrier (MSIS '08) created the HIVE logo.

Faculty Research: Patient Decision Support

Dr. Javed Mostafa launches Keona Health - Patient Decision Support? There's an App for That!

An application that assists patients and healthcare providers to arrive at informed decisions about healthcare is being developed by Keona Health, a brand new company located in Chapel Hill, N.C. Dr. Javed Mostafa, jointly appointed professor at the University of North Carolina at Chapel Hill's School of Information and Library Science and the Biomedical Research Imaging Center, and the current director of the Biomedical Informatics Core at the North Carolina Translational Clinical Sciences (TraCS) Institute at UNC at Chapel Hill, is the co-founder of Keona Health and serves as its chairman and scientific advisor.

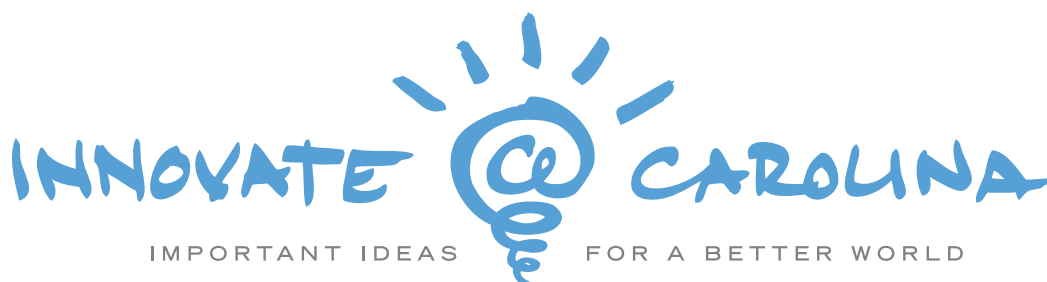
Insight Engine, a decision support component of Keona, will instantly offer patients personalized advice about their health, assisting them in resolving approximately ten percent of their health issues without ever seeing a doctor - and reducing wait times if a doctor or hospital visit is needed. The system will offer health care providers the ability to come to a better decision for care. For example, with Insight Engine, doctors and nurses can quickly determine the negative interaction between food and medications. The system can also automatically check to see if the treatment to be prescribed by a physician matches the medical standards, providing the decision support to patients. Triage nurses review each case that use the system, but generally can complete that review five times faster and with more comprehensive safety checks than without the system.

Considered one of the next generation health informatics companies focusing on patient-centric medical decision support, Keona Health recently received several seed investments and a grant from the NIH Small Business Innovation Research (SBIR) program.

Keona Health was co-founded by Mostafa along with his students and



colleagues. Some of the core team members include Jason Skowronski, president; Oakkar Oakkar, chief technology officer and SILS MSIS student; Jimmy Kaanapu, chief software architect; Stephen Dean, chief marketing officer; and Dr. Rich Medlin, medical advisor, clinical informatics fellow at UNC; and Dr. Jed Ferguson, medical advisor. Keona Health received backing from TraCS' Kickstart Program, a technology transfer arm, as well as support from other UNC units such as the technology startup incubator Carolina Launch Pad at RENCI (Renaissance Computing Institute). For more information about Keona Health, see: keonahealth.com



This initiative supports the Innovate@Carolina Roadmap, UNC's plan to help Carolina become a world leader in launching university-born ideas for the good of society. To learn more about the roadmap, visit: innovate.unc.edu

Student Activities: International Travel

Students gain from international seminars thanks to Baker & Taylor

Thanks to a gift from leading worldwide book distributor Baker & Taylor, two SILS students had the opportunity to study in Europe this summer. Elizabeth Davidson and Jacqueline Chapman were the recipients of the scholarships, which included funding to attend the School's two-week summer seminars, one to Prague and one to London.

Each of the scholarships, valued at \$4850, covered the registration costs, fees and a stipend that was used to defray travel costs of airfare and in-country travel for each student. Baker & Taylor originally established a scholarship to England in 2000, and recently reinvested in SILS' international program by making a \$40,000 gift commitment over three years (2011-2013).

In addition to the scholarships, both Davidson and Chapman have been invited to visit the Baker & Taylor headquarters located in Charlotte, N.C. and meet with George Coe, president of the international organization.

"We are extremely grateful to Baker & Taylor for these scholarships that allow our students this once in a lifetime opportunity," said Dr. Gary Marchionini, SILS dean and Cary C. Boshamer Distinguished Professor in response to Baker & Taylor's generous gift. "Both Jacqueline and Elizabeth are interested in learning more about international librarianship and information science, and both have goals of pursuing positions that deal with an international focus. With the world getting smaller, the experience they gain through the seminars could lead to a career path with an emphasis on global information."

London was the destination of Chapman who attended the summer seminar, "British Libraries and Librarianship: Past, Present and Future." The seminar was hosted jointly by SILS and the Department of Information Studies, University College London. Led by Dr. Stephanie Haas, SILS professor, the seminar took place May 15 to May 28 in Bloomsbury, the academic and literary heart of London and included tours of the British Library, the National Archive, the Imperial War Museum and the Wellcome Library (including the History of Medicine Collection). Visits were also made to other types of libraries including public libraries and a newspaper digitization project at the National Newspaper Library.

"Baker & Taylor's generous support furthered my exploration of the global influence, direction and responsibilities of the information professions," said Chapman. "Archives, libraries and museums in the U.K. are experiencing many of the same challenges and opportunities as their counterparts in the U.S. However, differences in culture, traditions, government and society have led to unique answers and approaches. Professionals and educators in both countries would do well to look 'across the pond' for solutions, inspiration and support."

Davidson traveled to Prague where she participated in the "Libraries and Librarianship in the Czech Republic" summer seminar led by Dr. Barbara Wildemuth, associate dean for Academic Programs and professor. SILS and Prague's Charles University have offered library students and professionals a chance to journey to the heart of the Czech Republic through this tour since 2002. Participants of the program that took place from May 22 to June 4 enjoyed lectures and tours related to librarianship in this culturally and academically rich country that deals with a history of monarchy, empire, Communism and the meeting of east and west. The series of presentations were supplemented by a walking tour of the Old Town, Charles Bridge and Wenceslas Square; a bus tour of historic Prague, including Mala Strana, Nove Mesto, Prague Castle, St. Vitus Cathedral and the Jewish Quarter; visits to the Klementinum (National



With a great interest in international librarianship, Elizabeth Davidson was thrilled to be selected for the scholarship to Prague. She stands in front of the Prague skyline in the photo above.



Jacqueline Chapman visited the Oxford University Press during her trip to London. Here she is holding the plate that printed the Mouse's Tale from Alice in Wonderland.

Library), the town of Kromeriz to see a castle library, the Parliament Library and a tour of Strahov Monastery and its libraries.

"Our trip to Prague was phenomenal," said Davidson. "I couldn't have asked for a better experience, and I feel extremely lucky to have been able to go. The seminars were good, the tours were amazing and the company couldn't possibly have been better. I'm very grateful to Baker & Taylor for enabling me to attend."

SILS students were asked to submit applications for consideration of the scholarships in January, 2011. A committee made up of Drs. Stephanie Haas; Barbara Moran, Louis Round Wilson Distinguished Professor and director of the SILS international programs; and Barbara Wildemuth reviewed the applications without seeing the names of those submitted. The selections were based on the students' work experience, previous courses that helped prepare them and an essay explaining their desire to attend the seminars.

Student Activities: ShBANGE Project



SILS students, faculty, staff, alumni and friends teamed up for award-winning ShBANGE project

“Should Brandon and Nicole Get Engaged?” or ShBANGE, is the title of an interactive, truly collaborative research project that has resulted in an award from the Special Libraries Association (SLA) and recognition for two of the project’s team members from the *Library Journal*.

The project was first conceptualized by Laura Christopherson, doctoral student at the University of North Carolina at Chapel Hill’s School of Information and Library Science (SILS) and Emerging Technologies Librarian Chad Haeefe of UNC Libraries. The idea grew out of the enthusiastic response to a talk Haeefe gave to the Games4Learning community. Based in an alternate reality, ShBANGE - which focuses on the stressed romantic relationship of two hypothetical undergraduate students named Brandon and Nicole - was designed to teach students who participated in many virtual puzzles and other online content associated with the game, how to build and maintain better relationships in the real world. It was also a fun learning experience for the research team.

The project was an alternate reality game (ARG) that involved two-weeks of puzzle-solving beginning with a staged marriage proposal in the Pit on the UNC at Chapel Hill campus. The ShBANGE project included a plot, characters and puzzles similar to a treasure hunt. It offered players clues embedded in online media and real-world physical locations. Those playing the game followed the clues that led to puzzles that led to more puzzles. The object was to reconstruct the story in totality, as it was originally presented in pieces as a mystery to the players. Information literacy and research skills were built into the game. In other words, students learned how to locate information by using various media and how to share information using similar methods.

Players and Believers

The project quickly drew the attention and expertise of SILS faculty, alumni, students, staff and friends from other campus units. Christopherson and Haeefe believe that learning based on games is novel, exciting and transformative for students. They began planning the project and brought in Elizabeth A. Evans (MSLS ‘82), creator and manager of Games4Learning, who offered expertise by creating puzzles, writing scripts, blogging, sending e-mail postings and a myriad of other tasks. Evans and Emily King (MSLS ‘08), conducted a low fidelity four-hour test of the game with student volunteers. King also worked with Haeefe to manage the online content, with the duo creating all electronic sites and participating in the storyboarding exercises. Among other tasks, King designed the logo for the project and provided graphic design services. Haeefe

actively recruited Krystyn Well, one of the developers of *The Dark Knight* ARG, who provided consulting expertise to the team.

As project manager, Christopherson brought in colleagues from the Division of Student Affairs, including former director of the Campus Y, Virginia Carson, and Melinda Manning, dean of Students who contributed to the interdisciplinary, collaborative effort. Together, the group developed the theme of the story - personal relationships. They recruited others to join in on the project including, Dr. Brian Sturm, SILS associate professor; and both graduate and undergraduate students.

When Sturm was asked to join the project, he enthusiastically agreed. As a teacher of storytelling and children’s literature, his career-long interest in the entrancing power of narrative allowed him to lend invaluable insights to the construction of the game’s master-narrative.

Sturm, who was named story master by his teammates, was responsible for overseeing the development of the story line ensuring the characters were believable, that the plot flowed nicely and matched up well with puzzles and clues. Along with other team members, he created puzzles individually, but all worked together as a team to make it all fit.

“We found the challenges of creating a cohesive and compelling story based on puzzles and multiple, simultaneous episodes really exciting,” Sturm said. “The team worked superbly together, developing parts of the game individually and then integrating them into the ongoing framework of ShBANGE.”

Karen Crenshaw, the online voice of Nicole, and John Weis (MSLS ‘11), SILS Master’s students; and undergraduate students Kulpana Akpan (BSIS ‘11), Justin Brinegar (BSIS ‘11), Eric Helke, Christine Hellinger, Alani Nichols (BSIS ‘11), in addition to Harrison Lee, who also attended classes at SILS participated in the testing of the project, handed out flyers, balloons and fortune cookies; assisted with marketing by posting to Facebook pages and much more.

As project manager, Christopherson worked with the team to define objectives, led meetings - including the six-hour walk through/storyboarding activity and produced a diagram of the flow of the story, puzzles and clues, mapping the diagram onto a two week schedule. She maintained a Google Site that included the project’s business information, a tool for tracking tasks and responsibilities of team members, collecting all puzzles and content in a manner that made it easy to disseminate the information prior to the game and during the game run. Evans and Christopherson worked with Tammy Cox, director of SILS business operations, who assisted with the mechanics of the budget, keeping the financials of the project in line with the support received from sponsors.

Using YouTube, Blogs and Social Media to Enhance the Game

Christopherson used the experience she gained as an undergraduate theater major to cast and direct one live scene filmed in the Pitt where Brandon proposed to Nicole, and one video-only taping which captured the fight scene between the couple. These films helped develop ShBANGE's alternate reality storyline, which was further supported by a slew of games and puzzles on blogs. In addition, Facebook was used to help market the game as it progressed.

"We were particularly interested in using games and social or new media for teaching and learning," Christopherson said. "This was an opportunity to do something no one has ever done on this campus, and that few campuses across the country have done."

What the Team Learned

The team considered the two week run of ShBANGE to be a high fidelity, production test of learning through games. The priority was to design a good game that could be used for pedagogical purposes and to help students learn how to use information in new and exciting ways, which was successful. The team learned how to create puzzles and weave them into a story; how to create a situation that would invite students to explore and reflect on relationship issues; how to integrate multiple technologies and compel information-seeking strategies to help students explore this fictitious world on their own terms; how to assist students improve their information literacy; how to test an ARG (the vast majority of the time, ARGs are not tested before going into production); and how to respond on the fly to the unexpected.

Awards and Recognition

Because of their involvement with the ShBANGE project, two members of the project team, Chad Haeefe and Emily King, were named "Movers and Shakers" by the *Library Journal* for the roles they played in making the project a success. During the SLA Annual Conference earlier this summer, the team also received the SLA Spring Share Innovation in Academic Libraries Award. According to the SLA Web site, "The Academic Division of the Special Libraries Association found Chapel Hill's use of alternative gaming, technology, social networking, collaboration and communication to be a worthwhile and successful way to engage students on campus and help them build "information literacy" competencies, such as: locating and analyzing information, understanding different information formats, and using technology to both study the interaction of ideas and to create documents/images and use them in differing contexts. The SLA Academic Division felt that this "reality game" was forward-thinking in terms of creating an interactive format encouraging student participation while teaching the students essential skills for locating, understanding and utilizing information in today's society."

Special thanks to Drs. Barbara Moran and Evelyn Daniel, faculty advisors on the project; and Tammy Cox, assistant dean of administration for SILS for budget management assistance.

Sponsors

Sponsors of ShBANGE included:

- Division of Student Affairs Counseling and Wellness Services



Laura Christopherson and Emily King paint a cube to raise curiosity and attention to the ShBANGE project.

- Campus YMCA
- School of Information and Library Science
- University Library
- Dean of Students Office of the Division of Student Affairs
- Department of Housing and Residential Education
- Office of Arts and Sciences Information Services
- RAM Shop
- Odum Institute's working group on the Internet and the Social Sciences
- ITS Teaching and Learning
- Davis Stillson and Associates

Student Activities: ESOPi-21



Student maps career path with ESOPi-21

Master's candidate Brooks Jonathan Breece ("Jon") has always been fascinated with maps and geospatial models. Even at a young age, he was drawn to maps and the ability to find his way. His first merit badge in Boy Scouts, while on his way to earning the Eagle Scout award, was the Orienteering merit badge. Growing up outside Washington, D.C., he also had a great desire to go into government service. In 2009, two of his life-long interests collided when he was selected for an Educating Stewards of Public Information in the 21st Century Project (ESOPi-21) fellowship.

The ESOPi-21 project is a research initiative funded by the Institute of Museum and Library Services (IMLS) that seeks to prepare the next generation of public information stewards by building on the dual degree program offered jointly by the University of North Carolina at Chapel Hill's School of Information and Library Science (SILS) and School of Government (SOG). Part of the grant funds fellowships for students interested in achieving this unique dual degree. Those receiving the fellowships will graduate with Master's degrees in both Public Administration and Library Science.

"There is a pressing need for government officials to understand, share and preserve data," said Carl Stenberg, director of the MPA program at the SOG. "Preparing students with a balance of technical, library-specific and leadership and managerial skills will be of great benefit to public officials in the digital age."

Breece couldn't agree more.

"UNC is unique in having a School of Information and Library Science and a School of Government," said Breece. "This arrangement is fortuitous because of the increased importance placed on access, storage, organization and preservation of information - at all levels of government. We are in an age when technologies are rapidly evolving, and government agencies are attempting to utilize new mediums for documentation and interaction both inside government and with the public."

Geographic information systems (GIS) are a part of this shift. Breece believes government is increasingly using geographic information systems to offer services. Together with a growing interest acquired at SILS in database management, his interest in mapping drew him to a third program offered at UNC - the Graduate Certificate in Geographic Information Sciences offered by the UNC Department of Geography. He was able to use credits earned at SILS to complete the certificate program in May 2010.

"Geospatial analysis can contribute to and drive conversations about national defense, disaster relief, disease control, provision of services and other basic government functions," said Breece. His master's paper - "Local Government Use of Web GIS in North Carolina" for which he received a 2010-2011 Dean's Achievement Award for best master's paper - highlighted the increased use of

Brooks Jonathan Breece

Web mapping services by all levels of government and how technology use can cause agencies to evolve.

Like the other eight students selected for the ESOP1-21 fellowships, Breece has already realized some of the benefits the fellowship brings, including internships with the State of North Carolina, Environmental Finance Center at the SOG and the National Geospatial-Intelligence Agency.

During the annual Speed Networking event sponsored by the SILS Alumni Association each spring, Breece met with an alumnus employed in the North Carolina State Government who passed his name onto Kelly Eubank, electronic records archivist with the State Archives of the North Carolina Department of Cultural Resources. The result of the connection was an internship with the State Records Center. As a GeoMAPP graduate student intern, Breece provided support to the Library of Congress-funded, multi-state GeoMAPP project that investigates long-term digital preservation of geo-spatial data. He says his largest contribution to the project was recommending file naming conventions for the high resolution aerial imagery captured of the state in 2010.

"Jon was instrumental in helping to devise a file naming schema for the over 63,000 orthoimagery tiles that were taken last year," said Eubank. "This file naming convention was adopted by the Geographic Information Coordinating Council and all of the vendors were required to use it when they submitted the tiles. This file naming structure enables users to provide access to it now as well as preservation of and access to the file in the future. We affectionately called it the Breece Standard."

During the 2010-2011 school year, Breece continued to gain experience in data visualization and data management during a second internship with the Environmental Finance Center at the SOG. As a research associate, he helped to conduct surveys on water rates, and researched financing options and institutional arrangements for local and state government energy efficiency and water quality programs.

This summer, Breece accepted an internship with the National Geospatial-Intelligence Agency (NGA). The NGA is a federal intelligence agency that is both a member of the U.S. Intelligence Community and a Department of Defense combat support agency. The agency supports the realization of national security objectives, assists disaster relief efforts worldwide and helps national policymakers plan and take action.

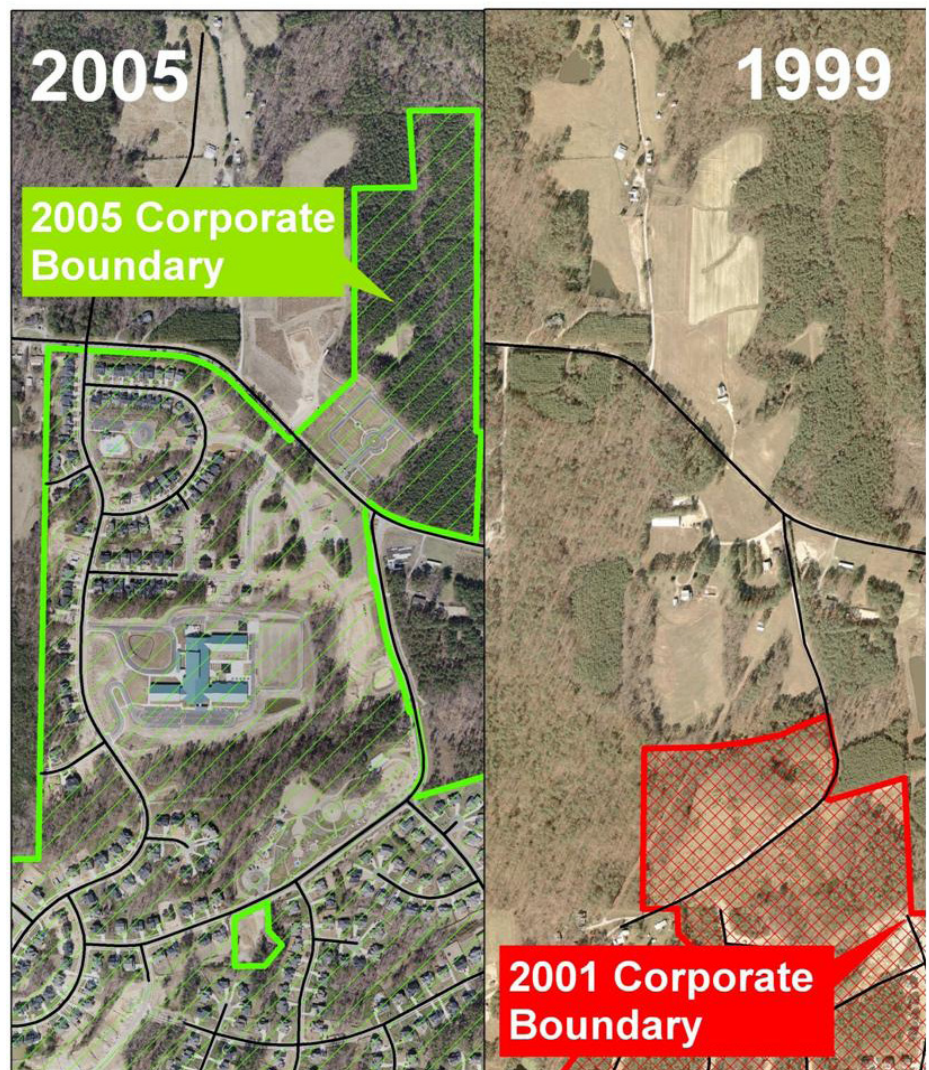
"For me, the welding of these seemingly disparate programs and interests — information science, public administration and GIS — will lead to public officials and the public making better decisions," said Breece. "I am thankful that

the ESOP1-21 program has allowed me to build bridges across these disciplines."

While he has devoted most of his energy to his studies and internships that have resulted in admission to the Phi Beta Kappa Honor Society, Breece has also been active with the community serving as newsletter editor to the Friends of the Chapel Hill Public Library. He was president of the Student Chapter of the American Library Association in 2009, served as the student member of the SILS Dean Search Committee and on the SILS Curriculum Task Force during 2008 and 2009. In his spare time, he was quarterback for the SILS Dewey Decimators football team (yes, SILS has a football team). He also kept active by playing floor hockey and basketball.

"The ESOP1-21 fellowships have brought new and exciting opportunities to our talented students," said Dr. Helen Tibbo, alumni distinguished professor and principal investigator of the ESOP1-21 project. "Jon is a fabulous student who sets goals and works diligently not only to reach them, but to exceed them. He will be one to watch throughout what I expect will be an impressive career."

Understanding Change



Map is courtesy of the North Carolina Department of Cultural Resources.

Alumni Projects: Have MLS, Will Travel

Over the course of their long, exciting careers, Lea Wells (MSLS '77) and Jordan Scepaniski have had the opportunity to work in a variety of library contexts, both in the United States and abroad.

Scepaniski's interest in international affairs dates back to his time in the Peace Corps serving in Turkey. He was then drafted into the U.S. Army and stationed in Korea. Scepaniski says he "chose the Peace Corps first, then the Army chose him" for his early global travels.

After entering the academic library world, Scepaniski would go on to serve as staff liaison to the American Library Association's (ALA) International Relations Committee and International Relations Round Table. He also received a Fulbright Senior Lectureship, which provided him, Wells and their daughter the opportunity to travel to Turkey.

While there, Wells taught English as a second language at the American Turkish Association while Scepaniski taught for a year in the graduate program of the Department of Librarianship at Hacettepe University in Ankara. During their time abroad, Wells and Scepaniski both instantly fell in love with the Turkish people.

"Our experience broadened my view of the world and whetted my appetite for travel and work abroad," says Wells. She later joined the ALA International Relations Round Table and served on several committees before chairing it and leading fund-raising initiatives.

The family returned to the states in 1982 when Scepaniski's Fulbright lecture-ship ended. They held jobs at Vanderbilt University, California State University, Long Beach and then returned to North Carolina where Scepaniski worked at the Triangle Research Library Network (TRLN) before they began their trek to Zayed University, United Arab Emirates (UAE) in 2002.

When Scepaniski was recruited to become dean of library and learning resources at Zayed University, an all-female national university with campuses in Dubai and Abu Dhabi, UAE, the couple relocated from Chapel Hill to the Middle East. Wells was the coordinator of the university's teaching, learning and assessment center. The couple has worked, lectured, conducted workshops and seminars around the world. Wells has taught workshops and provided training in St. Petersburg, Russia and Baku, Azerbaijan. Scepaniski has also lectured on behalf of the U.S. State Department in Russia, Indonesia and Brazil.

Prior to their adventuresome careers abroad, Wells and Scepaniski worked in a number of academic libraries here in the States - the most important, perhaps, being the one where they first met.

Originally from the North Carolina/South Carolina border, Wells worked with Scepaniski - a Yonkers, New York native - while she was the J. Murrey Atkins Library's circulation department head at the University of North Carolina at Charlotte (UNC-C) and he was the library's new assistant director. "I tried to lock Jordan out of the library his first day on the job," she humorously admits.

This chance encounter worked out for the best, however, as her husband-to-be would later encourage Wells to pursue her MSLS at SILS. "I liked Charlotte and North Carolina, so I didn't really consider going anywhere else," Wells said. "Fortunately, the UNC library school was one of the best."

Already in a position of leadership at UNC-C, Wells says that she was "quite excited about the movement of women into management positions in various areas of employment" and felt that she could succeed in the library field.

"I had a taste of facilitating a self-study process for developing staff and guiding a library program at UNC-Charlotte, and that experience encouraged me to combine my interest in psychology with library science in such a way as to help library employees and general faculty grow in their positions," she said. "Later work in the field of professional and organizational development let me use my skills as a librarian and my interest in people to broaden teaching skills among faculty through the use of technology and learning-centered techniques."

Scepaniski would eventually become the executive director of the Triangle Research Libraries Network. "I applied for and was offered the position after spending 12 years [on the West Coast] at California State University as director of its library and learning resources programs," he explains. While at TRLN, he simultaneously taught "Management of Information Agencies" as an adjunct professor at SILS.

During the course of their careers, the couple has accomplished a great deal in the field of academic librarianship and received a number of prestigious awards, most recently the John Ames Humphry/OCLC Forest Press Award for International Librarianship. They were acknowledged in 2010 with the award "for their significant contributions to international library development through their long involvement in professional and educational activities."

When asked if they ever thought their educations would take them around the globe, both Scepaniski and Wells admit that they could never have anticipated their international travels.

"I was a happy stay-at-home sort of person until I married Jordan and moved to Turkey, four months after our wedding," Wells explains. "It was definitely an exciting chapter in our lives."

The couple says their experiences have brought them to realize the importance of library staff and the teamwork necessary to make any functioning academic library, whether at home or abroad, a success. They also recognize the need to accept change.

"Our careers allowed us to engage in library self-study processes that encourage shared responsibility for growth and change. A library's success depends on the enthusiastic and empowered staff who do the work. We hope that in small ways we influenced people we've interacted with to believe in the power individuals have to make a difference by fully engaging in their professions and continuing to learn. We know this may seem idealistic, but it works. Change comes to us no matter how we might like to remain the same. By accepting change, by seeking it, we grow and we help others to do the same.

"Our time in Turkey, in Dubai and in other settings around the world, has given us opportunities to learn from people far different from ourselves. By sharing our lives and experiences with them, we've discovered that our sameness far outweighs our differences."



Jordan and Lea at Topkapi Palace, Istanbul, Turkey.



Representing UNC at Chapel Hill wherever they travel, Jordan and Lea (wearing Tar Heel baseball caps), sit above a theater at the ancient Lycian site of Xanthos, Turkey.

"Our time in Turkey, in Dubai and in other settings around the world, has given us opportunities to learn from people far different from ourselves. By sharing our lives and experiences with them, we've discovered that our sameness far outweighs our differences."

UNC SILS: Six Pillars of Strength

One of the most compelling aspects to the SILS program is the feature that allows you, if you wish, to use a documented planned gift to secure your investment and naming opportunity in the School.



Photo by Alexander McLean

Manning Hall is the home of the School of Information and Library Science.

We are an Information School that is rooted in the values of library science: universal access, collaboration, intellectual freedom, learning, organization and stewardship.

In many ways, these are our six pillars of strength, embodying the spirit of our School and complementing the six stately columns that adorn the beautiful entrance of Manning Hall. The pillars and columns – together, they comprise our home. They are part and parcel of our past, present and future.

Information is our focus and our passion. We educate leaders who shape the future of information in all contexts. We educate leaders who investigate and develop information theories as well as practices that lead the world to higher levels of prosperity, equity, and understanding.

We are more than four thousand alumni – distinguished leaders in their fields. We are preeminent faculty (current and retired). We are accomplished, tenacious students. We are dedicated staff.

One context that continues to be important to our School is libraries and other cultural institutions such as archives. We are dedicated to inventing more useful libraries, to training computationally enabled librarians and to improving the public's skills and attitudes regarding information. Equally important to our future, we prepare professionals for careers in data management, publishing, financial and other personal services, health care, design and technology management.

One chief challenge is the size and shape of Manning Hall; we have been severely challenged in this regard for more than a decade. In 2010, the School embraced this challenge with a plan for Manning Hall to accommodate our current needs as well as projected needs over the next 20 years.



The need is urgent, and the challenge is clear. We must equip our School with the resources to meet the challenges of the future, to educate the leaders of tomorrow, and to improve society today.

A key strategy in our facility plan is a set of naming opportunities, approved in May 2011 by the UNC Board of Trustees.

SILS Naming Opportunities

The School has an array of named giving opportunities for Manning Hall. Alumni, friends and others may invest in the School by selecting and naming a space in Manning Hall for as little as \$5 thousand or as much as \$50 million. There are many ways to name SILS spaces. The most obvious is outright gifts, which can be given in a single payment or payable over three to seven years. In addition to outright gifts, a unique aspect of our program is the ability to secure a naming opportunity via a documented planned gift—for example, by naming the School in your will, such that the School receives a gift after your life time.

We invite you to consider for whom you might want to name a space and why. This, for many donors, is the single most exciting aspect of a naming opportunity because you will be investing in something you love, your School of Information and Library Science, by naming a space for someone you hold dear. Some donors will choose to name spaces for themselves, and we both welcome as well as encourage this kind of investment. Other donors will choose to name one or more spaces for a loved one, friend, special faculty member or other individual important in the donors' lives.

These namings will exist in perpetuity. They will always exist even if Manning Hall undergoes a full renovation (ideally in five to seven years) or if SILS goes to a new building (perhaps in coming decades).

The importance of this kind of investment cannot be overstated. To invest in the School is a powerful and significant act.

Examples and Features of Naming Opportunities

Wonderful spaces abound – classrooms, faculty offices, seminar rooms, the dean's suite, our Manning Hall atrium and a variety of additional interesting spaces.

The chart herein illustrates a sampling of the many ways to invest in the UNC School of Information and Library Science via a naming opportunity. This broad array includes gifts as little as \$5,000 payable over three to seven years or a gift as much as \$50 million.

One of the most compelling aspects to the SILS program is the feature that allows you, if you wish, to use a documented planned gift to secure your investment and naming opportunity in the School. What follows is an illustration

Thank you for investing in SILS



It has been a superb year in many ways. It is pure joy to watch the SILS Alumni Association Board of Directors in action. These talented leaders devote hours to the School. Just one example is the organizing and hosting of what has become the annual tradition of “Speed Networking,” which connects SILS students with leading practitioners in their fields. You also would be very proud of your SILS Board of Visitors. These individuals – many alumni of the School – are all highly regarded thought and opinion leaders, advising the dean on a host of subjects and helping ensure the School always stays on the leading edge. Each is a champion for SILS. I’d like to mention two here. George Coe led his company to establish the company-funded Baker & Taylor Scholarship, a study-abroad opportunity for the next three years. Jay Jordan of OCLC was in Chapel Hill this past spring for the annual OCLC/Kilgour Lecture, which OCLC funded to honor the memory of its late founder and our late faculty member Fred Kilgour. (To see who serves on either of these boards, check out sils.unc.edu and click on “People.”)

Under the leadership of the dean, giving to and engagement with SILS is on the upswing. These are exciting times, and we are rolling out new initiatives, including Manning Hall naming opportunities. We hope all our alumni “will come home” to Manning Hall for our SILS 80th anniversary, which commences Sept. 17, 2011. This newsletter is chock full of exciting happenings, and we want you to be a part.

I personally invite and encourage you to stay in touch with the School. The School regularly provides our alumni with services such as information about networking, job opportunities, special events and professional news. The best way to ensure you always get this information is to make sure we have your current, preferred contact information. [To update your information, please visit sils.unc.edu/alumni/alumni-directory](http://sils.unc.edu/alumni/alumni-directory). In addition to keeping you abreast of interesting news, we pledge to always guard your information with utmost care.

Stephanie Cole '81, CFRE
Director of Development

of what that means. For example, rather than name a seminar room with an outright gift of \$75 thousand payable over three to seven years, you could name the same seminar room with an outright gift of \$45 thousand, payable over three to seven years, paired with a documented planned gift – which is a gift the School will receive AFTER your life time – of \$30 thousand.

The planned-gift option is available for most every naming opportunity.

The School will use the outright portion of your naming gift for SILS capital – facilities and facility programming. As for the planned-gift portion, you get to designate how SILS will use it. That could be scholarships, fellowships, faculty support, capital, unrestricted or something else. The possibilities are myriad as well as compelling.

More Planned Giving Information

The simplest kind of planned gift is a documented bequest – in other words, you name the School in your will, and you tell the School now that we will receive a gift after your lifetime. This gift is particularly advantageous for individuals who love the School and want to support our programs but need to conserve cash during their life times. A bequest is a superb gift, one deeply valued by the School and most helpful to our future.

Carolina also works with donors who prefer to use other planned gifts, including gifts that actually generate an income for the donor during his or her life time. To see examples of other kinds of planned gifts, visit <http://sils.unc.edu/giving/ways-to-give> and click on the link entitled “life income gifts.”

Some planned gifts are irrevocable – that is, you irrevocably promise to give the School a gift after your life time. Other planned gifts are revocable. In general, you may use either type for your SILS naming opportunity.

Additional Information

For more information about these naming opportunities or any SILS giving opportunity, please visit sils.unc.edu/giving/investment-priorities. You may also contact Director of Development Stephanie Cole at stephanie_cole@unc.edu or 919-843-9378.

We will be honored to work with you to make your gift to your School a reality.

School of Information and Library Science Naming Opportunities

SILS naming opportunities offer you a meaningful way to support the School while permanently honoring and commemorating someone or something important in your life.

The following are examples. For a full listing, visit the SILS Web site, or we will mail you a printed copy.

Examples of Outright Gifts

(payable over one to seven years, typically three to five)

Reading Room Shelf	\$ 5,000
Ph.D. Carrel	\$10,000
Digital Signage	\$15,000
Mural	\$20,000
School Naming	\$50,000,000

Examples of Combination Gifts

(outright gift, paired with a planned gift) *

Faculty Office	\$ 15,000 outright/\$10,000 planned
Faculty Office	\$ 24,000 outright/\$16,000 planned
Seminar Room	\$ 45,000 outright/\$30,000 planned
Classroom	\$ 60,000 outright/\$40,000 planned
Building's Portico	\$300,000 outright/\$200,000 planned

**An outright option is available for each combination naming.*

Visit sils.unc.edu/giving and click on “SILS Giving Priorities.” Or contact Stephanie Cole at 919-843-9378, or Stephanie_cole@unc.edu, or by mail (SILS/Campus Box 3360/100 Manning Hall/Chapel Hill, NC 27599-3360).

School Projects: Carolina

Building Like a Tar Heel!

It was during a campus-wide Dean's meeting that Dr. Gary Marchionini, dean of SILS, and Sarah Michalak, university librarian and associate provost for university libraries, learned that a project led by UNC at Chapel Hill students to build ten homes through the Habitat for Humanity of Orange County program had been initiated. What came as a surprise to both leaders was that these homes were being built for families of UNC staff.

"When Dean Marchionini and I learned that 85 percent of the applicants for Habitat homes in Chapel Hill are UNC and hospital employees, we knew right away that library people and our friends would want to make this kind of contribution to the community," said Michalak.

In fall 2010, the UNC Libraries and SILS joined forces to commit to building one of the houses for the UNC Class of 2011 Build A Block project. With a goal of raising \$35,000 and providing 2,000 hours of labor during the year. The Carolina Library Community building project was born.

"We are delighted to collaborate on such an important project that will result in a home for someone in need," said Marchionini. "Volunteering time or helping with the fundraising needed for the project are of equal importance. Those who volunteer may wish to ask friends, relatives or neighbors if they might sponsor hours as part of the fundraising effort."

Since the launch of the project, faculty, staff, students and alumni from SILS; Library staff and library friends from campus and the community have contributed to the construction of the house and have held several fund-raising events for a family in need.

Some of the efforts to raise funds for the project have included:

- Beach Bingo for Habitat
- Jars in Bars (local businesses)
- Snack sale in Health Sciences Library
- Cupcake Walk
- Silent Auction with donated items or services from the community.
- Dunk-A-Dean and Pie-A-Professor
- Cutest Pet Contest

These creative fund-raising efforts have netted nearly \$23,000 to date for the build. If you wish to donate to the project, please go to the Build a Block Web site at www.uncbuildablock.org and select the link to donate at the top of the Web page. This will take you to a secure form to donate by credit card. If you choose to donate this way, be sure to select Carolina Library Community under "My gift supports a Habitat Champion!" If you don't, the money will still go to Habitat for Humanity, but it will not be credited to the Library Community effort.

If you want to donate by check, that's great, too! Make any checks out to "Habitat for Humanity of Orange County" (NOT to UNC, the Library or to SILS), add a memo that the funds are for the Carolina Library Community. You may send checks or drop them off at either the SILS Administrative Office at Manning Hall or to the Library Administration Office in Davis Library.

For more information about the Carolina Library Community project, contact Lara Bailey via e-mail at ljbailey@email.unc.edu or Susan Sylvester, ssylvest@email.unc.edu. You may also phone them at 919-962-8266.

Habitat for Humanity Community Build



Faculty members do their part to build a new home for a family of a UNC at Chapel Hill staff member. Dr. Brian Sturm, associate professor, left photo, works on the soffit under the eaves of the house while Drs. Reagan Moore, professor and director of the DICE Center; Brad Hemminger, associate professor; and Arcot Rajasekar, professor and member of the DICE group, measure and cut lumber.

Thanks to the contributions of faculty, staff and students to the University of North Carolina at Chapel Hill's Build A Block project, UNC was awarded the Campus Chapter of the Year, Habitat for Humanity International. The ambitious goal of building ten homes for the families of University employees has already allowed five families to move in.



SILS staff members left to right, Susan Sylvester, executive assistant; Wanda Monroe, director of Communications; Kay Lackey, Contracts and Grants specialist; Tammy Cox, assistant dean of administration; Lara Bailey, Student Services manager; and Shaundria Williams, Human Resources manager contribute to the "Dunk A Dean" fund raising effort by paying to dunk Dean Gary Marchionini. Thanks to the generosity of our deans and faculty including Drs. Marchionini, Joanne G. Marshall, Barbara B. Moran, Barbara Wildemulb, Brian Sturm and Cal Lee from SILS, and Dr. Steve Matson, dean of the Graduate School, the event raised nearly \$1000 in three hours.

Welcome Staff



Kaitlyn Murphy

SILS welcomes Kaitlyn Murphy as undergraduate student services manager. In this role, she will manage the School's bachelor of science in information science undergraduate program, providing support for prospective and current students regarding registration, program requirements and University deadlines. Murphy will also compile statistics and other information related to the School's financial aid awards.

Murphy previously served as interim program coordinator in Northern Illinois University's Study Abroad Office, in DeKalb, IL where she worked with students and study abroad affiliates. She advised students on study abroad program options specific to their interests, and managed, processed and monitored student applications and acceptance materials. She coordinated and implemented activities and events such as recruitment fairs, workshops, orientations and campus visits. She promoted the program with presentations and informational sessions for prospective students, developing marketing materials and updating the Web site.

Murphy obtained her master of science in adult and higher education with emphasis in student affairs, and a bachelor's degree in psychology from Northern Illinois University.



Mark Snyder

Mark Snyder, began working as desktop support and Help Desk manager on March 21, 2011. Snyder's responsibilities include providing personal computing support for the faculty, staff and students within the School; working at the Help Desk in the Information Technology Resource Center Computer Lab. He is responsible for all desktop and mobile computing devices and serves as the first point of contact for IT Help Desk questions.

Snyder previously worked at Duke University's Office of Information Technology as an IT analyst where he provided technical support for students, faculty and staff in the iLink Lab in Perkins Library. Prior to his position at Duke, he worked at Best Buy as a Customer Service Expert in Computer Sales, an Apple Expert, and a Geek Squad Agent providing customer service and hardware and software support. He explained complex problems in a manner that helped customers to understand their issues.

Mark is a graduate of the University of North Carolina at Chapel Hill where he was a Dean's List student who double majored in psychology and religious studies.



Heather Lewis

Heather Lewis joined SILS as health informatics coordinator on June 20, 2011. In this position, Lewis collaborates with instructors to schedule courses, collect syllabi and communicate about course offerings. She provides guidance to prospective and current students interested in the Health Informatics (HI) program, tracks finances and generate status reports. Lewis assists in marketing the HI program by disseminating information to appropriate audiences; handling queries and following up with literature; and assisting in maintaining the program Web site. She also provides assistance in grant proposal development.

Lewis comes to SILS from Coronado, California where she was a manager at Nado Life Group. She coordinated human resources activities, coordinated food orders and deliveries through the public school system, managed accounting and purchasing actions, handled project research on various subjects and items, provided effective customer service and addressed a myriad other tasks.

She has a Master of Fine Arts degree in photography from the Savannah College of Art and Design, Savannah, Georgia, an Associates in Arts degree in Photographic Imaging from the Art Institute of Atlanta, Atlanta, Georgia and a Bachelor of Arts degree in Metal Design from East Carolina University, Greenville, NC.



Cynthia Flanagan

Cynthia Flanagan joined the U.S. Environmental Protection Agency (EPA) Library as Library Assistant on May 23, 2011. She is responsible for assisting the Interlibrary Loan librarian with all aspects of ILL services, assist with copy cataloging, purchase supplies and provide reference assistance when needed.

Flanagan comes to the School of Information and Library Science at University of North Carolina at Chapel Hill and the EPA Library from the Pickens County Library System in Easley, SC where she served as a reference librarian. Her job duties there included planning, scheduling and teaching computer classes for the public and staff; ordering books and materials system-wide, processing Interlibrary Loan requests, providing reference and reader's advisory services and maintaining monthly user statistics for the Library's Reference Department.

Flanagan received her Master's in library and information science and a bachelor's in art history from the University of South Carolina.

Welcome Faculty

SILS welcomes four new scholars as assistant professors to its faculty. Ryan Shaw, joined the faculty in Jan. 2011, and Jaime Arguello, Robert G. Capra III and Zeynep Tufekci were appointed in July.

“We are thrilled that young scholars of their caliber are joining our faculty,” said Dr. Gary Marchionini, dean of SILS and Cary C. Boshamer Distinguished Professor. “Their educational backgrounds, varied experiences and research interests brings strength in diverse areas that are excellent additions to the School’s teaching and research.”

Dr. Ryan Shaw

Dr. Ryan Shaw arrived in Chapel Hill from the University of California, Berkeley where he received his Ph.D. in Information Management and Systems with a Designated Emphasis in New Media at the School of Information. He studied symbolic systems at Stanford as an undergraduate, and then worked for five years in Tokyo, Japan, as a software developer before returning to graduate school in 2003. From 2005 to 2007 he worked at Yahoo! Research Berkeley, where he invented social media and mobile media technology that enabled people to create, describe, find, share and remix media on the Web. He is working with the Electronic Cultural Atlas Initiative to develop new kinds of digital tools for humanities scholars. He has also been involved in a number of new media arts projects, most recently developing the software for The Builders Association’s production Continuous City. He will teach “Making the Humanities Digital” and “Organization of Information.”

He earned his master’s degree in information management and systems at the UC Berkeley’s School of Information Management and Systems. He has a bachelor of science degree in symbolic systems, rationality concentration from Stanford University.



Dr. Zeynep Tufekci

Dr. Zeynep Tufekci comes to SILS from the University of Maryland, Baltimore County where she has been an assistant professor in the Department of Sociology and Anthropology. She received her Ph.D. from the University of Texas at Austin in 2004. Tufekci is the principal investigator on the National Science Foundation (NSF) grant, “Beyond the Deficit Model: Gender Schemas, Computing, Preferences and IT Career Choices.” Her research interests are social impacts of technology, privacy and surveillance, inequality, research methods and complex systems. Her work has been featured in the *New York Times*, *Science*, *Washington Post* and other media. She blogs at technosociology.org. Tufekci will teach courses in “Human Information Interaction” and “Social Media.”

Dr. Tufekci has a master’s degree from University of Texas at Austin, a bachelor’s degree in sociology from Istanbul University, Turkey and an undergraduate degree in computer science from Bosphorus University, Turkey.



Dr. Robert G. Capra III

Dr. Robert Capra III has worked as a post doctoral fellow/research scientist at SILS since 2006. His research interests include human-computer interaction, personal information management (PIM), exploratory and collaborative search, interactive information retrieval and social media. He regularly publishes on these topics at major conferences such as CHI, JCDL, and ASIS&T and won the Best Poster Award at the ASIS&T 2010 annual meeting for research with one of his undergraduate students. Dr. Capra has helped secure over \$570,000 in research funding through grants and contracts from the NSF and IBM. He serves in leadership roles for two emerging research communities (PIM and HCIR) and has co-authored two book chapters on personal information management research. He will teach classes in “Human Computer Interaction” and “Database Management.”

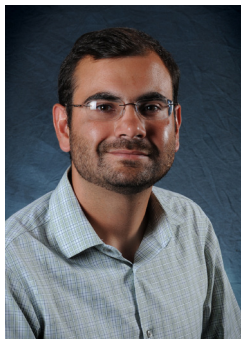
Dr. Capra holds a Ph.D. in Computer Science from Virginia Tech and M.S. and B.S. degrees in Computer Science from Washington University in St. Louis. Prior to earning his Ph.D., he worked in corporate research and development, spending five years in the Speech and Language Technologies group at SBC Labs in Austin, TX (now merged with AT&T Labs), where he focused on voice user interfaces, speech recognition and natural language processing.



Jaime Arguello

Jaime Arguello comes to SILS from Carnegie Mellon University where he is a Ph.D. candidate in Language Technologies at the Language Technologies Institute, School of Computer Science. His research focuses on vertical search engines. In his thesis work, he investigates aggregated search - the task of providing integrated access to multiple services within a single search interface. Prior to this, he conducted research in blog retrieval, information extraction, topic-segmentation of transcribed dialogue, and on developing visualizations and interactions for corpus exploration at Yahoo! Laboratories. He has published on these subjects at conference such as SIGIR, CIKM, ECIR, TREC, CHI, ICWSM, HLT and DG.O. He was a recipient of the “SIGIR 2009 Best Paper Award,” the “2009 Yahoo! Key Scientific Challenges Program Award” and best ECIR 2011 Student Paper. He will teach classes in “Information Retrieval” and “Large-Scale Data Management.”

Arguello has master’s degrees in language technologies and information systems management from Carnegie Mellon University in Pittsburgh, PA. He has a bachelor’s degree in electrical engineering from Washington University in St. Louis, MO.



Honors and Awards

EPA's National Library Network is Federal Library/Information Center of the Year

The U.S. Environmental Protection Agency's National Library Network was named Federal Library/Information Center of the Year by the Federal Library and Information Center Committee (FLICC) at the Library of Congress. The award recognizes outstanding, innovative and sustained achievements during fiscal year 2010 by a federal library or information center. EPA's library network is an essential information partner with EPA staff and the public to support transparency, decision making, environmental awareness and protection of people's health and the environment.

In FY2010, EPA libraries worked together to digitize 7,500 agency publications, adding to the growing inventory of more than 45,000 digital documents available to the public at no cost. Serving as a point of contact for public inquiries, EPA libraries collectively addressed nearly 9,000 public reference questions and loaned more than 8,000 documents, saving taxpayers an estimated \$266,000.

Deborah K. Balsamo, School of Information and Library Science (SILS) at the University of North Carolina at Chapel Hill distinguished alumna (MSLS '97) and National Program Manager at EPA National Library Network in Research Triangle Park



is delighted with the acknowledgment.

"We are so honored and appreciative to be recognized in this way at this time," said Balsamo. "Our librarians work hard every day to ensure

EPA staff and the public have access to the environmental information they need. I am indeed proud to work with such talented and dedicated information professionals."

"This is a well-deserved award for all who provide service to the EPA National Library Network," said Dr. Gary Marchionini, SILS dean and Cary C. Boshamer Distinguished Professor. "We congratulate you and applaud all who have put forth such phenomenal efforts that gained you this national

recognition."

In addition to SILS contract employees who work at the EPA and National Institute of Environmental Health Sciences (NIEHS) Libraries in Research Triangle Park, which include, Tamika Barnes, EPA Library director; Susan Forbes, EPA library assistant director; Michael Cummings, interlibrary loan, reference librarian; Jane Bethel, electronic resources/reference librarian; and Diane Leblond and Paul Tulowiecki, library assistants; as well as SILS/EPA Library interns Rebecca Carlson, Rachel Carriere, Meghan Carter, Tessa Cierny, Michele Hadburg, Laurie Hunter, Jessica LaBrie, Laura Menard, Megan Meyers, Kathryn Roth (MSLS '10), Christine Wells, Aleck Williams and Hannah Winkler; SILS/NIEHS Library interns Ruth Crowe and Lesley Skalla; and additional alumna who are part of the EPA National Library Network include April Errickson (MSLS '99), Federal Library manager, EPA-RTP Library (MSLS '99), Teri DeVoe (MSLS '07), library network coordinator; and Rebecca Garvin (MSLS '96), Region 2 supervisory librarian.

The long-standing relationship between SILS and the United States Environmental Protection Agency Library was extended for five years in October 2009. The 37-year-old library internship program has offered an opportunity to develop practical skills in an active library for more than 375 students since its inception. In turn, the program offers EPA and the NIEHS Libraries some of the area's best library students.

The internship was originally negotiated by Dr. Edward G. Holley, former dean of SILS and William Rand Kenan Jr. Professor, in 1974. In 1985, interns also began working with the NIEHS Library, an addition to the program which was driven by SILS alumnus and director of the NIEHS Library, W. Davenport "Dav" Robertson (MSLS '75). This ongoing successful program has consistently delivered quality services, adapting as needed when changes were implemented.

For more information on EPA's National Library Network: www.epa.gov/libraries/



Chancellor's Award for Human Relations goes to Tammy Cox



Tammy Cox, SILS assistant dean of administration, is the recipient of the 2011 Chancellor's Award in the category of Human Relations.

"The Chancellor's Awards

Program celebrates meritorious or distinguished accomplishments by University employees. Award recipients are honored at a recognition luncheon with the Chancellor, and receive a monetary award and special leave award." Recipients for the 2011 awards fall into the categories of: Human Relations, Public Service, Outstanding State Government Service and Innovation(s). Other categories, including safety and/or heroism, had no recipients for 2011. Cox and the three recipients of the Chancellor's Awards are also submitted as candidates by the University for the 2011 Governor's Award for Excellence.

Among a myriad of tasks, Cox oversees the SILS Administrative Offices managing the many day-to-day financial and administrative transactions. In addition, she directs staff in Contract and Grants Services, Student Services and Human Resources as well as temporary and student assistants to ensure the office runs smoothly.

"We are delighted, although not surprised that Tammy was selected for the Chancellor's Award in Human Relations," said Dr. Gary Marchionini, dean and Cary C. Boshamer distinguished professor. "She provides exceptional service to SILS and to the University by continuously providing outstanding administrative service at multiple levels - even through rough financial times. She enhances our day-to-day working environment and she is deserving of this prestigious award."

Cox joined the School of Information and Library Science in September 2009. She received the 2010 SILS Staff Excellence Award last December.

Honors and Awards

Deborah Barreau named McColl Term Professor

Dr. Deborah Barreau, associate professor, has been appointed Frances Carroll McColl Term Professor effective July 1, 2011. The McColl Professorship was established in 1997 to recognize faculty who have made notable contributions to research, teaching and service to SILS. It provides a salary supplement and funds for research and travel for a two-year term.

"Members of the Administrative Advisory Board were unanimous in the decision to select Deborah for this honor," said Dr. Gary Marchionini, dean and Cary C. Boshamer Distinguished Professor. "She is an exceptional teacher and outstanding researcher who is admired by students and colleagues alike. She deserves this recognition."

Barreau joined the SILS faculty in 2002 after serving on the faculty at Catholic's School of Library and Information Science. She worked as a systems librarian in Pennsylvania and a project manager, applications supervisor and systems analyst at Aspen Systems Corporation in Rockville, MD. She received the SILS "Outstanding Teacher Award" in 2004 and 2008, and in 2002 Barreau was the recipient of the American Society of Information Science and Technology's "Outstanding Information Science Teacher." She has taught many

courses since her arrival at SILS and most recently taught "Human Information Interaction," "Information Use for Organizational Effectiveness" and "Personal Information Management."

She graduated with an MSLS from SILS in 1985 and earned her Ph.D. in library and information services from the University of Maryland at College Park. Her research interests include design, development and use of information systems; organizational behavior; organizational communication; and personal information management.

Hugh McColl, Jr. established the McColl Professorship in memory of his mother, Frances Carroll McColl, and sister, Frances McColl Covington. Hugh McColl said he was inspired to create the professorship by the school's needs and his mother's love of literature.

"My mother taught everyone in the family to love books, and we have prospered from having access to them and, perhaps more important, knowing where to turn to find the information we need," McColl said. A second McColl Term Professorship was made possible in 2005 thanks to support from Bill (BSBA '55) and Sara McCoy and Duncan Smith (MSLS '80).



Dr. Barbara Moran receives award from alma mater

Dr. Barbara Moran, Louis Round Wilson Distinguished Professor, has received the prestigious Elizabeth Topham Kennan Award for Outstanding Accomplishment in the Field of Education from her alma mater, Mount Holyoke. The award, named after former Mount Holyoke President Elizabeth Topham Kennan, is given periodically to an outstanding alumna of the school who has made significant contributions throughout her career to the field of education.

In keeping with the example set by Kennan, who headed Mount Holyoke from 1978 - 1995 and spearheaded a movement for the educational equality of female students nationwide, Moran has approached her time at SILS in an equally selfless and dedicated way - both during her tenure as dean of the School from 1990 to 1998 and as interim dean in 2009 while the search for a new dean took place.

During her first tenure as dean, Moran added an undergraduate minor program and increased graduate enrollment at SILS by 32 percent. She enhanced technical resources, hired the School's first development director, established the first Board of Visitors and doubled the School's endowment. She also increased the international involvement of SILS and began the very successful Oxford and Prague Summer Seminars. She continues to direct the School's international programs, most recently developing a new program to London, England.

Moran has been an active member of the SILS faculty since 1981, teaching and researching primarily in the areas of management and academic librarianship. She serves as a member of the Board of Trustees of the Chapel Hill Public Library and as a member of the Board of Governors of the UNC Press. In 2010, she was named the first Louis Round Wilson Distinguished Professor at SILS.

A Move? New Job? Other Life Changes? Stay in Touch!

The School regularly provides our alumni with services such as information about networking, job opportunities, special events and professional news.

The best way to ensure you always get this information is to make sure we know how to contact you. We appreciate e-mail addresses as well as home/work information, name changes, life additions and other news.

Visit sils.unc.edu/alumni/alumni-directory to update your information.

Faculty News

Deborah Barreau, Francis Carroll McColl Term Professor, co-authored a paper with Andrea Copeland that has been published in *Library Trends*. The citation is: Copeland, Andrea J. and Barreau, Deborah (2011). "Helping people to manage and share their digital information: A role for public libraries." *Library Trends*, 59 (4): 637-649.

Jane Greenberg, professor, guest edited the Special Issue: Metadata for Scientific Data. *Journal of Library Metadata*, 10 (2/3): 75-217, and Greenberg, J., Mostafa J., Deshmukh, R., Huang, L., La Vange, L., Carretta, E., and O'Neal, W. (2010). "The COPD Ontology and Toward Empowering Clinical Scientists as Ontology Engineers." *Journal of Library Metadata*, 10 (2-3): 3-187. Dr. Greenberg edited a special issue of the ASIST Bulletin: "Knowledge Organization Innovation: Design and Frameworks." *Bulletin of the American Society for Information Science and Technology*, 37 (4): Introduction: 12-14, Issue 12-47. Greenberg, J., Losee, R., Pérez Agüera, J.R., Scherle, R., White, H., and Willis, C. (2011). "HIVE: Helping Interdisciplinary Vocabulary Engineering." *Bulletin of the American Society for Information Science and Technology*, 37 (4): 23-26. Dr. Greenberg also made several presentations including: Greenberg, J., Willis, C., and White, H. (2010). "Metadata for Scientific Data: An Analysis Targeting Challenges and Opportunity in Our Global Information Ecology" at the 22nd International CODATA Conference in Cape Town, South Africa, Oct. 24-27, 2010. Greenberg, J. and Vision, T. (2011). "The Dryad Repository: A New Path for Data Publication in Scholarly Communication," OCLC, Dublin, Ohio, Apr. 25, 2011. She presented "Projects and Perspectives" at the Data Curation Research Summit: Current Directions in Research panel in Chicago, IL, Dec. 9, 2010. Dr. Greenberg is serving a member of the International Council for Science: Committee on Data for Science and Technology/Data-At-Risk-Task-Group (DARTG). She also served as program co-chair of the Knowledge Organization track program and co-chair, American Society for Information Science and Technology (ASIS&T), 2010 Annual Conference, "Navigating Streams in an Information Ecosystem," Oct. 22-27, 2010. She collaborated on several posters: LaVange, L. Carretta, E., Greenberg, J., Mostafa, J., Deshmukh, R. O'Neal, W., Rennard, S., and Croxton T. (2011). "The COPD Ontology And Its Role In The Subpopulations And Intermediate Outcome Measures In COPD Study (SPIROMICS)" at the American Thoracic Society (ATS) International Conference in Denver, CO, May 13-18, 2011.

Stephanie Haas, professor, presented "Social Network Analysis of Public Health Personnel during H1N1" for the Duke/UNC Joint Health Informatics Seminar, UNC at Chapel Hill, Mar. 16, 2011. This is work stemming from the PERRC project (<http://cphp.sph.unc.edu/ncperrc/>), that she is working with SILS doctoral student Laura Christopherson and a post doc on the project, Christine Bevc. The team also prepared a research brief available at: http://cphp.sph.unc.edu/ncperrc/research/social_network_analysis.pdf

Sandra Hughes Hassell, professor, is the new editor for the *Journal of Research on Libraries and Young Adults (YALSA Journal)*. She also has been elected to the YALSA Board. Dr. Hughes Hassell conducted a workshop with student, Katy Vance, on multicultural literature for World View, May 4, 2011. Dr. Hughes Hassell and several of her Master's students (Jennifer Boone, Heather Cunningham, Lisa McCracken, Casey Rawson, and Katy Vance) led a year-long professional development series for public school librarians in Durham, NC. The professional

development centered on Alfred Tatum's research into enabling texts - specifically, the identification and use of such texts in K-12 schools with struggling African American male readers. As part of the professional development series, the librarians and professional development leaders contributed to a project wiki that includes resources, examples of enabling texts and their use in school environments, and work samples from the librarians. This wiki is viewable at: <http://rftldurhamcounty.pbworks.com/w/page/28727478/FrontPage>

Reagan Moore, professor and director of the Data Intensive Cyber Environment group, completed several presentations on policy-based data management for the Climate Data Record Technical Interchange, held at National Climatic Data Center in Asheville, NC on Apr. 19-20, 2011. On May 3 - 5, he presented on policy-based data management for the National Radio Astronomy Observatory workshop held in Green Bank, WV; On May 10-11, he traveled back to Asheville to present policy-based data management for the Global Organization for Earth System Science Portals (GO-ESSP). On May 12, he was in Boston where he presented a technical information exchange with the Broad Institute on use of policy-based data management systems for genomics data. Moore participated in a workshop on Digitization and Preservation at the Radcliffe Institute in Boston on May 17-18. On Apr. 27, he offered an iRODS tutorial on writing data management policies, held at RENCi; and on May 24 - 25, he co-chaired the Mass Storage System and Technology conference in Denver, CO.

Richard Marciano, professor, presented a Technological briefing to the White House's Executive Office of the President National Security staff in Apr. 2011. He served on the "Technical Hurdles, Research Solutions" panel at the Media Access to Government Information Conference (MAGIC), Apr. 2011 at the National Archives and Records Association in Washington, D.C. He also participated on the IMLS Research Symposium, Oct. 2010, panel discussion on "collaborative research." Dr. Marciano presented at the Virtual Cities/Digital Histories symposium, Dec. 2010. In Jan. 2011, he co-authored a white paper to the National Science Foundation/SBE titled, "Rethinking 21st Century Urban Transformations: Race and the Ecology of Violence." He also co-authored, "Trusted Digital Repository Design: A Policy-Driven Approach," with Chien-Yi Hou for the Archiving 2011 conference, in May 2011. Dr. Marciano was named director of the Data Sharing Facility for the NSF-funded Temporal Dynamics Learning Center at UC San Diego. He was also nominated as affiliated faculty in the UNC at Chapel Hill Department of American Studies.

Joanne Marshall, distinguished alumni professor, has been busy publishing primarily about "Workforce Issues in Library and Information Science" (WILIS) study funded by the Institute of Museum and Library Services (IMLS). They include: Marshall, J. G.; Morgan, J. C.; Marshall, V. M.; Barreau, D.; Moran, B.; Solomon, P.; Thompson, C. A.; and Rathbun-Grubb, S. (2010, October). "What can we learn from our graduates: Designing and testing a shared alumni survey." Paper presented at Workforce Issues in Library and Information Science panel at Library Research Seminar V, College Park, MD. Morgan, J. C., & Rathbun-Grubb, S. (2010, October). "Supporting and sustaining Future LIS Workforce Research." Paper presented at Workforce Issues in Library and Information Science panel at Library Research Seminar V, College Park, MD. Marshall, J. G.; Marshall, V. M.; Morgan, J. C.; and & Thompson, C. A. (2010, Oct.). "Workforce Issues in Library and Information Science Study." Paper presented at UNC Institute on

Faculty News

Aging Seminar Series, Chapel Hill, NC. Marshall, J. G.; Boone, M.; Morgan, J. C.; & Marshall, V. (2010, Oct.). "Preparing for the New Face of 'Retirement' in North Carolina: Libraries and Other Cultural Institutions." Paper presented at the North Carolina Conference on Aging, RTP, NC. Marshall, J. G.; Morgan, J. C.; Rathbun-Grubb, S.; & Thompson, C. A. (2011, Jan.). "Workforce Issues in Library and Information Science 2 (WILIS 2): Findings from a shared recent graduates survey." Paper presented at the Association of Library and Information Science Education Annual Conference, San Diego, CA. From the Value of Health Library and Information Resources in Patient Care Study funded by the National Library of Medicine. Marshall, J.G. (2011, Mar.). "The Value of Health Library and Information Resources in Patient Care Study: Where we are and where we're going." Presented at NN/LM MAR Regional Advisory Committee Meeting, New York, NY. Marshall, J.G.; Sollenberger, J.; Easterby-Gannett, S.; Klem, M.L.; Morgan, L. K.; Oliver, K. B.; Brewer, K.; Cavanaugh, S.; & Thompson, C. A. (2011, May). "Rethinking Our Value: Design and Early Results from the Value Study." Paper accepted for presentation at Medical Library Association Annual Meeting, Minneapolis, MN.

Brian Sturm, associate professor, has submitted and has had several articles and book chapters accepted. Phillips, Eva and Brian Sturm. (under review). "Do picture books about starting kindergarten portray the kindergarten experience in developmentally appropriate ways?" *Journal of Children's Literature*. Sturm, Brian and Meghan Gaherty. "The door has never opened for us: the Romani in recent children's fiction for grades 4-6." *In Sliding Doors in a Pluralistic Society*. Edited by Jamie Naidoo and Sarah Park. Chicago: ALA. Scholarly Book Reviews: Sturm, B. (2011). "Daddy! Are we there, yet?" Children's literature, progress, and the demise of innocence. — A review of Relentless progress: The reconfiguration of children's literature, fairy tales, and storytelling. Storytelling, Self, Society: *An Interdisciplinary Journal of Storytelling Studies*, 7, 1, 77-82. Dr. Sturm also presented a poster titled, "A Campus-Based Alternate Reality Game" with Elizabeth A. Evans, Chad Haeefe, Laura Christopherson, Emily King and Brian Sturm at the EDUCAUSE Learning Initiative (ELI) Annual Meeting, Washington, DC, Feb. 14, 2011. He presented, "Stories Fertilize Imaginations" at the North Carolina Outdoor Class Symposium, Apr. 2011 and "Caring for Stories: how to foster immersive experiences" at the Stratford Hall (VA) Symposium, May 2011.

Helen Tibbo, distinguished alumni professor, has been part of the Consultative Committee for Space Data Systems. Mission Operations & Information Management Services. Repository Audit and Certification (CCSDS. MOIMS-RAC). Working Group to Develop Trustworthy Digital Repository Audit and Certification Standard for the past four years. In June 2011 a subset of this group conducted test audits of digital repositories in Europe and the United States. She took part in the DigCurV Project Meeting, a European Commission-funded project, in London, England, Jan. 16-19, 2011. Dr. Tibbo was the co-organizer of International Digital Curation Educators' (ICE) Forum Meeting in London, June 29, 2011. She was co-organizer and instructor: DigCCurr Professional Institute 2011/2012. Chapel Hill, NC, May 15-20, 2011 and Jan. 6-7, 2011. She conducted the "Closing the Digital Curation Gap" international team meetings, London, June 28, 2011; Chicago, IL, December 7, 2010; Washington, DC, June 29, 2010. Recent publications include: Duff, Wendy, Elizabeth Yakel, and Helen R. Tibbo. "The Development, Testing, and Evaluation of the Archival Metrics Toolkits."

American Archivist. 73/2 (2010): 569-599. Yakel, Elizabeth and Helen R. Tibbo. "Standardized Survey Tools for Assessment in Archives and Special Collections." *Performance Measurement and Metrics*. 11/2 (2010): 211-222. Tibbo, Helen R. "Educating Archivists in the 21st Century: 'Guidelines for a Graduate Program in Archival Studies, 2011.'" *Archival Outlook*, (May – June, 2011): 3. Tibbo, Helen R. "President's Message: A Balancing Act." *Archival Outlook*, (March – April, 2011): 3. Tibbo, Helen R. "President's Message: 75 for 75." *Archival Outlook*, (Jan. – Feb. 2011): 2. Tibbo, Helen R. "President's Message: Transformational Best Practices." *Archival Outlook*, (Nov. – Dec., 2010): 3. Dr. Tibbo's recent presentations and posters included: "Introduction." The Curation of Social Media as a Public Asset. Chapel Hill, NC, Jan. 21, 2011. "Educating the Curator: Digital Curation Education in the US." DigCurV Kickoff Meeting. Jan. 17, 2011. "Introduction." Curate Me: Stewardship of Personal Digital Archives. Chapel Hill, NC, Jan. 7, 2011. "Educating Digital Curators: Challenges & Opportunities." International Digital Curation Center Conference. Chicago, IL, Dec. 8, 2010. Session chair. "Closing the Digital Curation Gap." Digital Library Federation (DLF) Forum. Working Session. Palo Alto, CA, Nov. 2, 2010.

Rebecca Vargha, SILS librarian and former president of the Special Libraries Association, was the keynote presenter at the "Captain & Crew Collaborating 8th Annual J.Y. Joyner Library Paraprofessional Conference" at East Carolina University on May 13, 2011. She presented, "Leadership in Libraries, Professional Organizations and Teams: Leading Through Involvement."

Barbara Wildemuth, professor, presented with doctoral student Kaitlin Costello, at a Duke/UNC Joint Health Informatics Seminar at UNC at Chapel Hill on Mar. 30, 2011. The paper presented was Wildemuth, B.M., & Costello, K. (2011). "Personal health records: Their role and purpose in people's lives."

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Faculty News

New Research Projects

Dr. Helen Tibbo, distinguished alumni professor, and Co-PI Christopher Lee have received grants including \$897,449 in the category “Programs to Build Institutional Capacity” from the Institute of Museum and Library Services (IMLS).

The grant will fund the “Educating Stewards of the Public Information Infrastructure (ESOPI2)” project, an extension of the successful ESOPI-21 project. The three year project (2011-2014) is expected to further develop model graduate curriculum and intensive internship opportunities for the curation and stewardship of digital public information as well as conduct continuing education for government information professionals. It builds on the School of Information and Library Sciences’ (lead partner) DigCCurr, DigCCurr II, and ESOPI-21 projects, and its existing dual degree programs with UNC’s School of Government and Digital Curation Certificate.

A one-year extension for the “Closing the Digital Curation Gap: An International Collaboration to Integrate Best Practice, Research & Development, and Training in Digital Curation” was awarded to PI Helen Tibbo and Co-PI Christopher Lee. Project Partners are the Joint Information Systems Committee, UK and IMLS. The award request was \$92,812.13 and funded June 2011.

This extension will be used to flesh out existing decision trees, create new ones and create an online guide in the spirit of the *Ninch Guide to Good Practice in the Digital Representation and Management of Cultural Heritage Materials*. The utility and challenges cloud computing for the target communities and more specifically the potential of tools and services from the Planets Foundation and Duracloud will be explored.

Dr. Richard Marciano is co-project leader for infrastructure on the National Collaborative for Bio-Preparedness, a \$5M U.S. Department of Homeland Security project.

Dr. Jeff Pomerantz edits most recent issue of JELIS



“In an era of mass digitization of physical artifacts, and mass creation of born-digital objects, the challenges faced by cultural heritage institutions of all types are increasingly shared,” writes Jeffrey Pomerantz, associate professor, in his introduction to the 2011 winter issue of the *Journal of Education for Library and Information Science (JELIS)*.

“Since the advent of the Web it has become increasingly obvious that libraries, archives and museums are doing similar work. These institutions have come to realize that they increasingly share overlapping education goals.”

As the issue’s guest editor, Pomerantz was charged with selecting scholarly articles that deal with the issue’s primary theme: “Digital Library and Digital Curation Curricula.”

The issue contains articles on topics such as museum informatics’ relationship to curriculum development, digital curation for digital natives, strategies to identify and respond to the needs of disaffected students, virtual environments and their implications in the classroom and a comparative evaluation of information and library science educators’ level of competence expectations with respect to database management.

Dean Marchionini presents in India at Ranganathan Memorial Lectures and International Conference

“People, Culture and 21st Century Libraries” was the theme of several presentations Dr. Gary Marchionini, SILS dean and Cary C. Boshamer Distinguished professor, delivered during his travels to India spring semester. Marchionini was the opening keynote speaker at the International Conference on Digital Libraries and Knowledge Management hosted by the Management Development Institute (MDI) in Gurgaon, a city outside of Delhi, where he presented “The Transformation of Libraries as Institutions.” In addition to attending conference sessions on a variety of topics, he also participated on the closing panel that discussed sustainability and knowledge organization.

While in India, Marchionini visited and lectured at the Documentation Research and Training Centre (DRTC), which was founded by Dr. Shiyali Ramamrita Ranganathan, long considered India’s father of information and library science. The DRTC admits only ten students into the program each year and is one of the best educational institutions to get an information science degree in India.

Marchionini was the invited speaker for the prestigious Ranganathan Memorial Lectures in Bangalore and presented the first of his lectures on participatory libraries with emphasis on the profection of identity in cyberspace, and another lecture titled, “Humans as Information Creators, Collectors, Consumers and Communicators.” He then traveled to Mysore to visit the International School of Information Management at the University of Mysore where he provided a lecture on Open Video to a group of approximately 80 students. He returned to Bangalore where he presented the final Ranganathan lecture, which was about cyberidentity and lifetime library segments.

“I was especially pleased that Professor Neelameghan and Professor Kamaruddin (both Ranganathan students and active in their retirement) were enthusiastic about the presentation,” said Marchionini. “They immediately understood the implications for libraries to take the lead on personal digital memory issues.”

First Kilgour research grants awarded

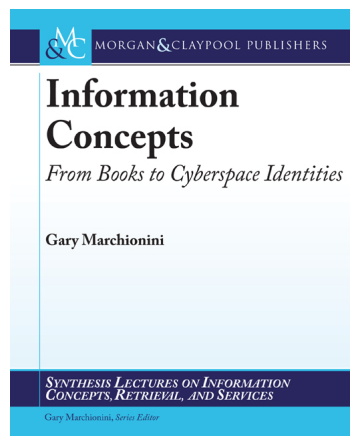
The first “Eleanor M. and Frederick G. Kilgour Research Grant Awards” have been presented to three faculty members of the SILS faculty for 2011-2012. Drs. Claudia Gollop, associate professor; Ryan Shaw, assistant professor; and Rob Capra, assistant professor; have each received funding to support research for their projects.

Inventor, researcher, librarian and educator, Dr. Frederick G. Kilgour was a member of the SILS faculty serving as a Distinguished Research professor in 1990, teaching seminars in applications of technology for libraries. While a professor here, Kilgour saw the critical need for faculty support and he and Mrs. Kilgour created the Eleanor M. and Frederick G. Kilgour Faculty Development Fund in 1993.

The faculty and the projects supported by these grants include: Dr. Claudia Gollop, “Closing the Information Gap in Cardiac Rehabilitation for Women;” Dr. Ryan Shaw, “The Event Directory: A Semantic Tool for Events and Periods;” and Dr. Rob Capra, “Information Management Across Multiple Devices and People: Improving Understanding and Usability of File Synchronization and Sharing.”

Faculty News

Dean Marchionini's latest book published



Information Concepts: From Books to Cyberspace Identities is the title of Dean Gary Marchionini's new book-length lecture that explores information as a historical concept from a number of theoretical perspectives.

Part of the *Synthesis Lectures on Information Concepts, Retrieval, and Services*, an ongoing series of 50-100 page publications published by Morgan & Claypool that deals with topics pertaining to information science and its technological

applications, Marchionini's lecture provides a theoretical framework through which other information scholars can make sense of information science's highly-charged, infinitely-changing present. For Marchionini, the role information science plays in our understanding of today's fast-paced, technology-driven world is ubiquitous and obvious. Among the main points he emphasizes in

the lecture is that "information is essential to all human activity," that "information in electronic form both amplifies and augments human information interactions," and "Our traces of activity in cyberspace give rise to a new sense of information as instantaneous identity states termed profection of self."

Indeed, the first sentence of the lecture, "Information pervades our lives," is a theme which Marchionini turns back to time and again, whether he is tracing information's growing historical complexity from past to present, advocating novel technical vocabulary for our newly created cyberidentities discussing information as it relates to thought, memory and cognition, or exploring information as it relates to the communication strategies and information needs of our everyday lives.

Marchionini serves as editor of the *Synthesis Lecture Series Information Concepts, Retrieval and Services*. Since 2009, he has introduced the work of other scholars to stimulate discourse between computer scientists, information scientists, librarians and other information professionals in a concise format that uses both electronic and paper distribution forms.

For more on the *Synthesis* series, visit Morgan & Claypool's Web site, where Marchionini's lecture is currently available. The lecture is also available for purchase in hard-copy format from Morgan & Claypool or Amazon.

Journal features articles by SILS faculty and students

The most recent edition of the *Journal of Library Metadata (JLM)* is a special issue featuring "Metadata for Scientific Data" and includes guest editor: SILS professor and metadata expert Dr. Jane Greenberg. In her introduction to the volume, "Metadata for Scientific Data: Historical Considerations, Current Practice, and Prospects," Greenberg emphasizes metadata's rich history as a discipline, using The Great Library of Alexandria as a starting point. Moving forward from ancient Greece, Greenberg progresses through history to the present, introducing the work of the other metadata specialists in the issue along the way.

"For me, writing the introduction and working with the various authors was a joy," said Greenberg, SILS professor and director of the Metadata Research Center. "The process of pulling this issue together made me think deeply about the nature of scientific data, and examine the role of libraries in hosting data during ancient times."

"With clear and discriminating vision, Jane Greenberg has presented a superb array of articles in this special issue," said Dr. Jung-ran Park, editor-in-chief, *Journal of Library Metadata* and assistant professor at The iSchool at Drexel. "Through a compilation of systematic research findings employing diverse perspectives and research methods, all eight articles deliver today's practices and key issues and trends on metadata for managing scientific data. Our aim is that this leading edge work stimulates new avenues of research and spurs the development of a better understanding of the role of metadata in the scientific realm."

Among the scholars featured in the tenth volume of *JLM* is SILS doctoral student Hollie White, whose paper "Considering Personal Organization: Metadata Practices of Scientists" describes in detail her work on the metadata usage of evolutionary biologists and how information gleaned about their metadata

usage habits has implications for other scientific fields.

The issue also includes a special article entitled, "The COPD Ontology and Toward Empowering Clinical Scientists as Ontology Engineers" authored by Greenberg; Dr. Javed Mostafa, professor at SILS; Rahul Deshmukh and Lina Huang (MSIS '10), Lisa La Vange; Elizabeth Carretta; and Wanda O'Neal. Opening with a brief review of ontology and its relationship to clinical science, the article discusses at length a specific ontology project in Chronic Obstruction Pulmonary Disease (COPD) called SPIROMICS. The paper then proposes a number of steps to help establish sound metadata practices in the domain of clinical science.

One of the first attempts by metadata scholars to apply ontologies to a topic like Chronic Obstruction Pulmonary Disease, it provides what its authors hope is the first in a number of future steps toward improving the diagnosing and treatment of illnesses like heart disease through sound metadata practices that make critical medical information better organized and more easily accessible by doctors, patients, and researchers.



Student News

Megan Myers receives Presidential Management Fellowship

Megan Myers (MSLS '11), has received the prestigious Presidential Management Fellowship offered through the United States Office of Personnel Management. The fellowship is part of a federally-funded leadership development program designed to recruit entry-level graduate degree candidates, equipping them to become the next government leaders.

Myers was offered and accepted an appointment with the Veterans Health Administration, a subagency of the Department of Veterans Affairs. In this appointment, she serves both the Library Network Office (LNO) and the VA Central Office Library. The LNO purchases resources for, and provides support to, the VA Library Network (VALNET), comprised of 153 medical center libraries nationwide. The VA Central Office Library supports the program offices of the Veterans Health Administration, located in Washington, D.C.

While serving a two-year appointment, fellows receive 160 hours of formal classroom training, challenging work assignments, feedback on their work, at least one four to six month developmental assignment and potential for accelerated promotions. Over 9,100 applications were received for the 2011 recruitment cycle, from which 850 finalists were selected. Not all who were selected as finalists were guaranteed a fellowship.

Undergraduate awarded honorable mention by CRA

Elizabeth Sams received an honorable mention in the Computing Research Association's Outstanding Undergraduate Researcher Award for 2011. A list of the winners was published in the Jan. 2011 issue of *Computing News*.

The CRA Outstanding Undergraduate Research Award recognizes undergraduates who show outstanding research potential in an area of computing research. Sams submitted a detailed history of her research background.

Students lead year-long professional development series in Durham public schools

Master's students Jennifer Boone, Heather Cunningham, Lisa McCracken, Casey Rawson and Katy Vance led a year-long professional development series for public school librarians in Durham, NC. The professional development centered on Alfred Tatum's research into enabling texts - specifically, the identification and use of such texts in K-12 schools with struggling African American male readers. As part of the professional development series, the librarians and leaders contributed to a project wiki that includes resources, examples of enabling texts and their use in school environments and work samples from the librarians.

Chris Doty receives Sara Aull Award

Sponsored annually by the North Carolina Chapter of the Special Libraries Association (NCSLA), the Sara Aull Student Paper Award recognizes the best student paper of publishable quality relating to special libraries. This year's award winner was SILS Master's student Chris Doty for his paper "Influences of Anticipated Citation Counts and Author-Fees on the Attitudes of Tenure-Track Science Faculty toward Open Access Journals."



Three SILS students awarded Eugene Garfield Doctoral Dissertation Fellowships

Doctoral candidates Amber Cushing, Amy VanScoy and Hollie White were each awarded a 2011 Eugene Garfield Doctoral Dissertation Fellowship from Beta Phi Mu, the International Library and Information Studies Honor Society.

The competitive fellowship, which is awarded annually to up to six recipients, is selected from all library and information science doctoral students across the nation. The amount awarded for each fellowship is \$3,000.

Cushing's dissertation proposal is titled, "Possession and self extension in digital environments: Implications for maintaining personal information." Dr. Deborah Barreau, associate professor is her advisor and dissertation committee chair.

VanScoy's dissertation proposal is titled, "Exploring the Meaning of Reference Work for Academic Reference Librarians." Dr. Barbara Moran, Louis Round Wilson Distinguished Professor, is her advisor and dissertation committee chair.

White's dissertation is titled, "Organizing scientific data sets: Studying similarities and differences in metadata and subject term creation." Dr. Jane Greenberg, professor, serves as her advisor and dissertation committee chair.

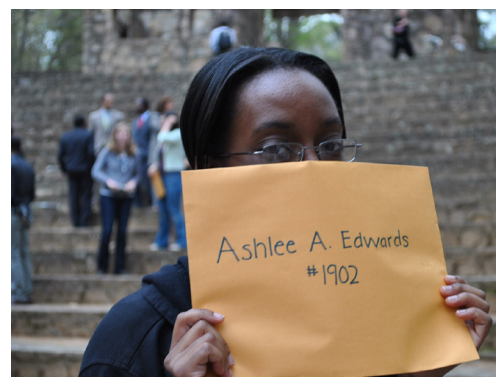
Undergraduate inducted into UNC's oldest, most prestigious honor society

Ashlee Edwards, a senior BSIS and English major from New York, NY, has been inducted into UNC at Chapel Hill's legendary Order of the Golden Fleece. Taking its symbolism and organizational structure from the

classical story of Jason and the Argonauts, who quested tirelessly for a mythic golden fleece, the Order was founded in 1904 and is the most prestigious honor society on campus.

Edwards was selected because of her ongoing efforts to help the School of Information and Library Science grow its undergraduate program, among other services that reflect her creativity, loyalty, scholarship, leadership and motivation to SILS and to the University.

"Ashlee has been invaluable to the SILS Web development team throughout the process of designing and populating the new Web site," said Communications Director Wanda Monroe. "As president of Information Science Student Undergraduates Empowered (ISSUE), she has also been instrumental in the School's efforts to increase awareness of our undergraduate program. She is always prepared to go the extra mile, no matter what the situation happens to be." If you visit the Order's Web site, you can view Edwards' induction announcement. Each inductee receives a number other members of the Order use to identify them. Edwards' number is 1902.



Student News

Master's student Yanjuan Zou receives ARL Fellowship



SILS graduate student Yanjuan Zou was one of 19 fellows selected to participate in the Association of Research Libraries (ARL) 2011 Career Enhancement Program.

The program, funded by the Institute for Museum and Library Services and ARL member libraries, gives students from underrepresented groups an opportunity to jump-start their careers in research libraries by providing a robust fellowship experience that includes an internship in an ARL member library. This program reflects the commitment of ARL members to create a diverse research library community that will better meet the challenges of changing demographics in higher education and the emphasis on global perspectives in the academy. Zou's fellowship was at the University of Arizona, Tucson.

Undergraduate Brittany Hayes inducted into Phi Beta Kappa

Brittany Michelle Hayes, a junior with a dual major in information science and history was one of 139 inducted into Phi Beta Kappa, the nation's oldest college honorary society, at UNC at Chapel Hill. New members received certificates and Phi Beta Kappa keys, the organization's symbol.

Phi Beta Kappa membership is open to undergraduates in UNC's College of Arts and Sciences and professional degree programs who meet stringent eligibility requirements including a high grade point average. Less than one percent of all college students qualify.

Past and present Phi Beta Kappa members from across the country have included 17 American presidents and numerous artistic, intellectual and political leaders. Seven of the nine U.S. Supreme Court Justices are members.



Doctoral candidate published - places third in ALISE poster session

Dana Hanson-Baldauf's article, "The Good Life: Empowering Young Adults with Intellectual Disabilities through Everyday Life Information," was published in *Knowledge Quest* 39 (3), 18-17. "School librarians," writes Hanson-Baldauf, "are in a prime position to serve as information intermediaries for young adults with ID, arming them with information literacy skills and life-relevant

information. Information surrounds and abounds, and a school librarian, as an information intermediary, can be a bridge to an enhanced quality of life and improved life outcomes for students with ID." She also received third place honors at ALISE for her poster, "Exploring the Everyday Life Information Needs, Practices, and Challenges of Young Adults with Intellectual Disabilities" in the Jean Tague Stuchliffe Doctoral Student Research Poster Competition.

Professor-student collaboration results in prize-winning poster

As a research assistant for the past two years, graduate student Liz Koehler partnered with Dr. Sandra Hughes-Hassell, professor, on a number of studies targeting school librarians and young adult users. One of them, an examination of school library resources for Lesbian, Gay, Bisexual, Transgender and Questioning (LGBTQ) students in North Carolina, was presented as a poster by Koehler at the UNC at Greensboro's iDEAL Summit. Entitled, "LGBTQ YA Fiction in North Carolina High Schools," it was selected as one of the summit's five best posters.

The poster highlighted the goals and outcomes of a study conducted by Hughes-Hassell and Koehler into how much LGBTQ young adult fiction NC school libraries possessed. A core collection of 15 LGBTQ young adult novels were chosen for the study. A total of 150 NC high school libraries' catalogs were then analyzed to see how many of the titles each library possessed. Upon completion of the study, Koehler and Hughes-Hassell's findings showed that, for the most part, NC high school's collection development policies failed to account for the inclusion of LGBTQ material.



Students win scholarships for Electronic Records Conference

Master's students, Marty Gengenbach and Elliott Hauser, were awarded scholarships to attend the Managing Electronic Records Conference (MER) in Chicago on May 23-25. The conference focused on legal, technical and operational issues associated with managing electronic records.

The scholarships, funded by MER sponsors Cohasset Associates, are awarded each year to one or two students from a select set of library and information schools. The awards cover the cost of the conference registration fee, several meals and receptions. In return, scholarship winners arrive at MER a day early and help run the conference. This is the sixth year that Cohasset Associates awarded scholarships to two SILS students.

Gengenbach and Hauser received the awards after submitting essays discussing why they wanted to attend the MER conference, what they hoped to learn at the conference and how attending the event fit into their career goals. Both students were pleased to be able to have this unique opportunity to network with professionals in the field.

Letter from SILS Alumni Association President



Dear Fellow Alumni:

I've been honored to serve this past year as SILS Alumni Association (SILSAA) president and particularly honored to work with the great folks who comprise our Board of Directors. I think you would share my pride in this current Board. They continue the long line of effective, talented and fun individuals to serve SILSAA. To those who served before us, thank you! To those who will serve after us, thank you! To those who served with me, thank you!

The SILS Alumni Association exists to serve the School's graduates and help support the School. After careful consideration, our Board made a move this year that we think will serve the association and School very well now and for years to come. In years past, alumni of the School have had to pay to join the SILS Alumni Association after an initial free year of membership upon graduation. We are eliminating the dues structure now. All alumni of the School - past, present and future - automatically will become members of the SILS Alumni Association upon graduation. Yes, our move is retroactive. This move is in line with what our peers in other similar Schools do, and we conducted a careful analysis before determining this was our right next move, to serve our alumni and School even better.

Although the Board is eliminating dues, we will continue to work with the School to further enhance alumni giving. This should be a win-win-win for at least three reasons. First, a gift to the School is a tax-deductible contribution, whereas a dues payment is not. Secondly, the School very much needs support in all forms, including financial, from its alumni, and all of us will have the opportunity to give to the SILS areas that are most important to us. Thirdly, the Board has worked closely with the School to ensure that you will have the opportunity to make gifts, if you choose, to a fund that helps further enhance SILS alumni networking and other activities that further improve your alumni experience.

As with every important decision, there is some fine print. The decision to eliminate SILS Alumni Association dues does not extend to UNC General Alumni Association (GAA) dues. You'll still want and need to join the GAA, and we encourage it.

Prior to this change, when the SILS Alumni Association charged dues, we offered a special category of lifetime membership, and a very special group of alumni responded to this opportunity. Because these alumni stepped forward at a time when we particularly needed them, we will always honor their support. Moving forward, these special alumni will be honored in several specific ways throughout each academic year. For example, we plan to honor these alumni by listing their names on a plaque in Manning Hall as well as in a future issue of the SILS newsletter.

It has been a very productive year for your SILS Alumni Association. We visited with alumni and had a presence at several major professional conferences, including the American Library Association (ALA), American Society of Information Science and Technology (ASIS&T), Association of College and Research Libraries (ACRL), Medical Library Association (MLA) and the Society of American Archivists (SAA). We hosted special activities for current students, for example the "new student" reception in August and "new graduate" receptions in December and May. We also selected two outstanding alumni - Deborah Balsamo and David Goble - for the Distinguished Alumni Awards. One special highlight was the highly popular "speed networking" event, in which we connect SILS students with professional practitioners, most of which are SILS alumni. Another highlight of the year was a new communications initiative, the "Featured Alumni" section of our Web site. SILS also added an "Alumni Profile" section to the SILS site. I invite you to check these areas often to learn more about our alumni and their incredible journeys.

Last but not least, I want to personally invite and encourage as many alumni as feasible to come home to SILS during our 80th anniversary. As many of you know, September 17, 2011 is the 80th anniversary of the founding of our School by Louis Round Wilson. Your SILS Alumni Association, in partnership with SILS student leaders, will co-host a special tailgate/picnic on the grounds outside Manning Hall on September 17, and we do want you to come home! This date is the first event of a special week of activities that will kick off the 80th year. For more information about the 80th, read the special article in this newsletter and frequently check the SILS Web site, where you will find information and registration information for a broad array of events. In closing, it was an honor to serve you. Thank you!

David Woodbury
SILSAA President

In Deepest Sympathy

Karen Marie Berg	10/27/2010	1970 MSLS	Sarah McLaughlin Goodrich	2/25/2011	1970 MSLS
Susan Cowilich Brackett	1/10/2011	1969 MSLS	John Wesley Jones	2/18/2011	1971 MSLS
Dennis Luther Bruce	2/22/2011	1970 MSLS	Laura Alice Joost	6/8/2011	1939 MSLS
Helen Leppard Callison	7/9/2011	1972 MSLS	Ralph Kenneth Kaplan	12/8/2010	1998 MSLS
Charlotte Wester Cate	5/12/2011	1939 ABLS	Betty McReynolds Layson	5/12/2011	1953 BSLS
Betty Pickell Cleaver	8/8/2011	1969 MSLS	Richard Henry Mellown	4/14/2011	1971 MSLS
Margaret Flowers Cline	10/23/2010	1980 MSLS	John Grove Peck, Jr.	1/27/2011	1957 MSLS
Florence Tyler Franks	10/10/2010	1948 BSLS			

Alumni News

NEW Alumni Profiles added to SILS Web site

Several enhancements have been made to increase the School's Web presence, as well as to feature some of the exciting things SILS alumni are accomplishing in the working world. Included in these changes are an addition to the "People" section called "Alumni Profiles."

The newly added alumni profiles highlight alumni of the School's BSIS, MSIS, MSLS and Ph.D. programs - exploring the many intriguing careers SILS graduates go on to pursue after completing their degrees. In addition to these new profiles, the Web site includes a featured SILS alum in the "Alumni & Friends" section. The current featured alumna is Monica McCormick, (MSLS '06) who was selected by the SILS Alumni Association Board.

New information is added daily to the SILS Web site in the "SILS News" and "SILS Events" sections. Visit the site often to learn more about the happenings of the School. Be sure to check out the links to the social media applications located in the lower, middle section of the front page of the site.

Deborah Balsamo and David Goble selected as SILS distinguished alums

Deborah Balsamo (MSLS '97), has been named a 2010 SILS distinguished alumna. The award was presented by SILS Alumni Association president, David Woodbury, during the School's winter commencement ceremony on Dec. 19, 2010. David Goble (MSLS '94) was selected for a 2011 distinguished alumnus award that was announced during the spring commencement ceremony on May 8 by Kim Duckett, incoming president of SILSAA. The formal presentation will take place on Sept. 17 during the 80th anniversary tailgate picnic.



The Distinguished Alumni Award is the highest honor bestowed to its alumni. It recognizes alumni who exhibit a strong commitment to librarianship or information science and demonstrate outstanding professional achievements at the international, national, state or local level. The SILS Alumni Association acknowledges alumni "who demonstrate a high degree of professionalism and outstanding service to our profession and to the School of Information and Library Science."

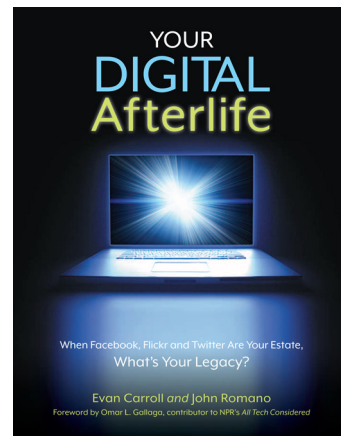
Balsamo is the National program manager for the United States Environmental Protection Agency (EPA) National Library Network where she has the responsibility for coordinating the operations of the agency's 26 libraries, overseeing the implementation of policies and procedures and leading the strategic direction of EPA's information services.

Goble is the director of the South Carolina State Library. His library career includes experience in academic and public libraries, serving at North Carolina State University as manager of Access Delivery, at the Public Library of Charlotte and Mecklenburg County as assistant manager of Information Services and at Central Piedmont Community College as Dean of Libraries. He has also worked for EBSCO Information Services. He is the past chair of the SILS Board of Visitors of which he remains a member. He is also a past president of the SILS Alumni Association.

Book examines "Your Digital Afterlife"

A new book written by alumnus and current MSIS student Evan Carroll (BSIS '08), and John Romano, interaction designer and technology researcher, examines the issues surrounding digital files after a person is gone.

The book, *Your Digital Afterlife: When Facebook, Flickr and Twitter Are Your Estate, What's Your Legacy?*, looks at overarching subjects such as, "Your Digital Life, Death and Beyond" and "Securing Your Digital Legacy."



Carroll has been discussing the subject on the blog, "The Digital Beyond" that he and his co-writer Romano created, and felt that this difficult subject needed to be confronted. Many future heirlooms such as family photos, home movies, and personal letters now exist solely in digital form, and in many cases are stored using Flickr, YouTube, Gmail, and other popular services. There are not yet sufficient laws or social customs surrounding the issue of digital preservation, and if steps aren't taken to make these resources available to loved ones, they could be lost forever.

For more information about the book, the authors and testimonials, visit the Web site: www.yourdigitalafterlife.com/

Larry Alford (MSLS '77) SILS distinguished alumnus, has been named the chief librarian at the University of Toronto. Alford's most recent position was vice provost for Libraries, university librarian and dean of University Libraries at Temple University.

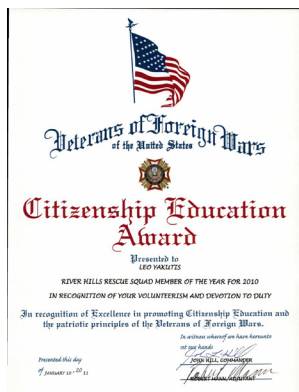
Karen Sobel (MSLS '07) has co-authored an article in *Reference and User Services Quarterly*, an ALA publication. The citation reads: Karen Sobel and Kenneth Wolf. "Updating Your Tool Belt: Redesigning Assessments of Learning in the Library." *Reference & User Services Quarterly*, vol. 50, no. 3, pp. 245-58. Sobel is a reference and instruction librarian at Auraria Library, University of Colorado, Denver.



Baasil Wilder (MSLS '07) accepted a librarian position at the Smithsonian Institution Libraries in Washington, DC. where he works in an academic library environment at the National Postal Museum, the Anacostia Community Museum and the National Museum of the American Indian. Angela Wilder (MSLS '07), works at Fort Belvoir as a librarian in the Defense Technical Information Center in Virginia.

Alumni News

Leo Yakutis (MSIS '91), member of the SILS Board of Visitors, is now principal of Humint Group International, a new risk remediation consultancy in Washington, D.C. In addition to his professional work, Yakutis also serves on the Board of the River Hills/Lake Wylie Volunteer Rescue Squad. He has been a volunteer EMT and was named River Hills Rescue Squad Member of the Year for 2010 receiving the "Citizenship Education Award."



SILS distinguished alumna, Susan L. Perry (MSLS '66) received the 2011 Donna Shavlik Award from the American Council on Education (ACE) in recognition of her lifelong commitment to advancing women's issues in higher education.

The award was presented during the Women's Leadership Dinner hosted by ACE's Office of Women in Higher Education as part of the ACE annual meeting.

"This award couldn't go to a more caring and deserving person," said Dr. Gary Marchionini, dean and Cary C. Boshamer distinguished professor at SILS. "Susan's work in the field of information and library science truly is pioneering. She has vision and drive and through her incredible mentoring skills, she demonstrates how to implement that vision to make the world a better place for women who are advancing in their careers."

Currently, Perry is consulting with the president of the American University of Paris on information services issues and helping her build a faculty, library and IT consortium for the 21 American liberal arts colleges abroad.

Maureen Barry (MSLS '05) recently started a blog called "Service Learning Librarian" and after just one month after her first article, "Research for the greater good: Incorporating service-learning in an information literacy course at Wright State University," the article was published in *C&RL News*. For more about her blog, see: www.libraries.wright.edu/servicelearning/

This year's "Movers & Shakers" list, published in the March issue of the *Library Journal*, features two SILS alumni. Emily King (MSLS '08) was selected as an "Innovator" and Jason Casden (MSLS '06) is in the category of "Tech Leader."

Reading the Adolescent Romance: Sweet Valley High and the Popular Young Adult Romance Novel is a book written by Amy Pattee (Ph.D. '04). The book, which is an extension of Pattee's dissertation work at SILS, focuses on Francine Pascal's popular series, *Sweet Valley High*. Pattee is an associate professor and co-director of the Dual Degree Program in LIS/Children's Literature at the Graduate School of Library and Information Science at Simmons College in Boston.

Jennifer Lohmann (MSLS '06) was named Librarian of the Year by the Romance Writers of America (RWA) for 2010, a professional organization consisting of over 10,000 romance writers and publishing professionals whose work is closely tied to the romance book industry. Selected from a competitive pool of candidates from across the country, Lohmann was given the award for demonstrating "outstanding support of romance authors and the romance genre," according to RWA's Web site. Lohmann is a librarian for the Durham County Library in Durham, NC.

Ellen Hampton Filgo (MSIS '07) was featured in the article, "'Embedded Librarian' on Twitter Served as Information Concierge for Class" in the *Chronicle of Higher Education's* "Wired Campus" section for her innovative approach to library support for instruction as it happens. <http://chronicle.com/blogs/wiredcampus/embedded-librarian-on-twitter-served-as-information-concierge-for-class/30000>

Meredith Rendall (MSLS '07) was named senior faculty technology specialist at New York University (NYU). Currently, she leads policy development for NYU's local image repository and is in charge of establishing collection management protocols and streamlining content for NYU's Luna Insight image database.

Amy VanScoy, SILS doctoral student and M. Cristina Pattuelli (Ph.D. '07) have been awarded 2011 Jesse H. SHERA Awards. VanScoy has been selected for the 2011 Jesse H. SHERA Award for Support of Dissertation Research for "Exploring the Meaning of Reference Work for Librarians in Academic Research Libraries." Pattuelli has been selected for the 2011 Jesse H. SHERA Award for Excellence in Published Research for her paper, "Modeling Domain Ontology for Cultural Heritage," published in the *Journal of the American Society for Information Science and Technology* 62(2): 314-342, Feb. 2011.

William M. Cross (MSLS '11) joined the North Carolina State University Libraries as director of Copyright and Digital Scholarship, on June 1, 2011.

Vesselina Stoytcheva (MSLS '99) company, VNS Group, based on her 1999 Master's paper, "A model business plan for a start-up of an information brokering company," has been awarded a contract in Nebraska with Offutt Air Force Base's Thomas S. Power Library. As part of the contract, VNS Group staff will oversee all facets of the library's operation.

Chirag Shah (Ph.D. '10), assistant professor of Library and Information Science at Rutgers University, and Cristina Pattuelli (Ph.D. '07), assistant professor of Library and Information Science at Pratt Institute, recently received OCLC/ALISE research grant awards from the Association for Library and Information Science Education and the OCLC Online Computer Library Center. The OCLC/ALISE Library & Information Science Research Grant Program awarded Shah a research grant award for a study entitled "Modalities, Motivations, and Materials — Investigating Traditional and Social Online Q&A Services" and Pattuelli a research grant award for a study entitled "FOAF in the Archive: Linking Networks of Information with Networks of People." The awards come with up to \$15,000 of funding support for each research project.

Gloria Colvin (MSLS '80) is the new president of the Florida Library Association. She is charged with overseeing the progress and strategic planning of the 800 plus member organization, which is the state chapter of the American Library Association

Charlie Morris (MSIS '11) and Mike Nutt (MSIS '11) have received two-year term appointments as North Carolina State University (NCSU) Libraries Fellows. Morris and Nutt will be working on a variety of projects related to academic librarianship at NCSU.

Welcome Baby Tarheels



Lili Luo (Ph.D. '09) and husband Feimo Shen welcomed Audrey Shen on May 29, 2011. Baby Audrey weighed 7 pounds and 7 ounces and was 20 inches long. Luo is an assistant professor at the School of Library and Information Science at San Jose State University.



Benn P. Joseph (MSLS '06) and M. Nathalie Wheaton (MSLS '06) met at SILS in 2004 when they were just beginning their programs in library science. On Feb. 9, 2010, the couple welcomed daughter, Sophie Carolina. She weighed 11 pounds, 1 ounce and was 21 inches long. Joseph is a manuscripts librarian at Northwestern University, while Wheaton is assistant archivist at Rush University Medical Center in Chicago.



David Woodbury (MSLS '09), Learning Commons Librarian at North Carolina State University D. H. Hill Library, Ellen Mir, UNC School of Public Health and sister Stella Kate welcomed Benjamin Ewan Woodbury on April 25, 2011. Baby Woodbury weighed 9 pounds 2 ounces and was 21 inches long.



Shaundria Williams, manager of Human Resources at SILS, and husband Torrence welcomed the arrival of Malayna Vaughn Williams on October 1, 2010. She weighed 7 pounds 6 ounces and was 20 inches long. This photo shows a smiling Malayna at 8 months old during her first trip to the strawberry patch.



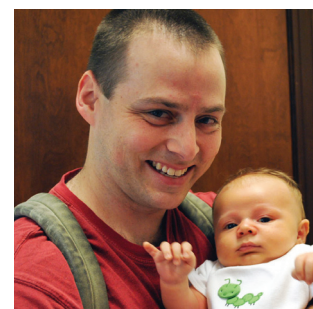
Emily King (MSLS '08), coordinator of E-Learning Services at the UNC at Chapel Hill's Undergraduate Library, and husband Nathaniel King (MSLS '09), social sciences librarian, Research and Instructional Services at Davis Library, celebrated the arrival of Naomi Megan King on May 23, 2011. Baby Naomi weighed 7 pounds 15 ounces and was 20 inches.



William George Yusko was born on January 8, 2011 at 7 lbs 12 oz to Mark and Stacey Yusko (MSLS '03). He joins his older sister Sara and brother Jack. Stacey is the Director of Chapel Hill-Carrboro Meals on Wheels. Mark runs Morgan Creek Capital Management and was the President/CIO of UNC Management from 1998 to 2004.



Fred Stutzman (Ph.D. '11), post-doctoral fellow at Carnegie Mellon University, and Chelcy Boyer Stutzman (MSLS '06), along with big brother Freddie, welcomed John "Jack" Anderson Stutzman on June 18, 2011. Jack weighed 6 pounds 11 ounces and was 20 inches long.



Friday, May 13, 2011 was a lucky day for Terrell Russell (Ph.D. '11) and Kelly Marks who welcomed baby Eli Thomas Russell. Eli weighed 9 pounds 1 ounce and was 21 inches long. Russell is a Test and Build Engineer with the iRODS@RENCI group.



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The School of Information and Library Science
The University of North Carolina at Chapel Hill
CB# 3360, 100 Manning Hall
Chapel Hill, NC 27599-3360

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WANDA MONROE

Editor
Director of Communications
wmonroe@unc.edu

EDGAR MARSTON

Volunteer

SCOTT BROWNLEE

Communications Assistant
Graduate Research Assistant

ASHLEE EDWARDS

Communications Assistant

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If you would like to connect with the
SILS Alumni Association, contact:

KIM DUCKETT

SILSAA President
kimduckett1@gmail.com

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STEPHANIE COLE

919.843.9378
stephanie_cole@unc.edu

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