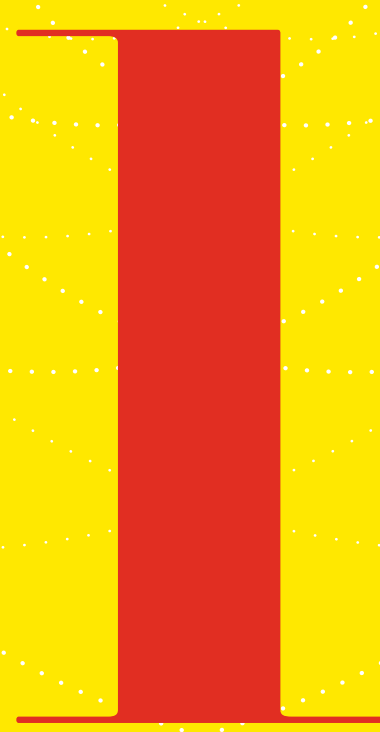


MARYLAND'S **i**SCHOOL ●  
*in the* INFORMATION CAPITAL *of the* WORLD



COLLEGE OF  
INFORMATION  
STUDIES



**MESSAGE FROM THE DEAN**

# Welcome to the College of Information Studies, Maryland's iSchool, a groundbreaking academic community providing essential information at a time of incredible transformation.

U.S. News & World Report ranks Maryland's iSchool among the top information studies programs in the nation. Overall, the college ranks 13th, with four specializations making the Top 5.

	RANK
Archives, Records and Information Management	2ND
School Library Media	3RD
Children's Services	5TH
Health Librarianship	5TH

INFORMATION IS EMPOWERING, and the iSchool creates new ways for the public to connect with information that will transform society. The iSchool is ideally located near Washington, D.C., the information capital of the world. This cosmopolitan center of cultural, political and intellectual activity provides ample opportunity to connect with national information leaders and mine significant data sources. Work and research take our students and faculty to agencies including NASA, the Smithsonian Institution, National Archives and Records Administration, Library of Congress, National Library of Medicine and the National Agricultural Library.

In a diverse and rapidly changing field, we are recognized as among the best in the nation by *U.S. News & World Report*. We prepare students for careers in traditional positions and in emerging information specialties. Our research shapes the way people find, assess and provide data, whether they are looking for a book, archiving thousands of digital images, offering online services or tackling a mega-computing project. Making connections is what we did as a small college with a strong foundation in library science and information studies, and making connections continues to be our focus now that we are a fast-growing center of information and technical expertise.

We help people of all ages, backgrounds and educational interests manage the information explosion and employ the latest information technology—as well as traditional research methods—to support work in a variety of disciplines. We are forging strong relationships with researchers in computer science, education, public policy, sociology and other academic fields, while also pursuing partnerships with government and industry. The wide appeal of our work and its impact on the public ensures our programs will maintain a leadership role in this rich and evolving field of information. With significant momentum and achievements in growth and innovation, the iSchool is poised to lead the information revolution through its next iteration. We hope you will stay connected with us.

● **Jennifer J. Preece, Dean**  
University of Maryland, College Park  
College of Information Studies  
Maryland's iSchool ●

**DEGREES OFFERED**

**Doctor of Philosophy in Information Studies**

**Master of Library Science (MLS)**

SPECIALIZATIONS:

- Archives, Records and Information Management
- School Library Media

CONCENTRATIONS:

- E-Government
- Lifelong Access

**Master of Information Management (MIM)**

- Individual Program Plan
- Strategic Management of Information Concentration
- Socio-Tech Information Systems Concentration



*Our study of the human-centered use of information draws on many disciplines and impacts a wide range of users, from corporations to pre-school aged children. Our work makes the work of others more powerful by providing the right resources and tailored techniques for improving knowledge. In the age of global connectivity, mining a wealth of data and finding the correct information quickly will be essential for those in education, computer and mathematical sciences, government and more.*

## The iSchool's education and research transform the way people, organizations and society interact with information.

- **Allison Druin**, iSchool professor and director of the Human-Computer Interaction Lab, believes children should have a voice in shaping new technology for kids. Her work with the International Children's Digital Library allows 7- to 11 year-old students to work as design partners on a library project each week. The student-faculty team blends computer science, education, art, robotics and other disciplines to advance technology education and create new technological endeavors.

By collecting, digitizing and organizing children's books in their original languages, the children's digital library is strengthening libraries worldwide. The digital library provides students in the college with opportunities to develop the curriculum as they explore a variety of tools to create technologies for children.

"Uncovering innovative design ideas is the exciting aspect of working with kids," says Druin, who also serves as an affiliate faculty member in the College of Education and the College of Computer, Mathematical and Physical Sciences. "We have a chance to change technology, but more importantly, we have a chance to change the life of a child. Every time a new technology enables a child to do something they never dreamed of, there are new possibilities for the future."



INTERACTION

**SHERI MASSEY '08** | Ph.D., School Library Media Programs  
Former elementary school teacher

Massey says working as a graduate assistant for the International Children's Digital Library project allows her to blend her interests in technology, libraries, education and children.

As part of her research, she has traveled to Honduras, Germany, New Zealand and Mongolia.

"People are amazed to learn that librarians do this kind of work," Massey says. "It gives me the opportunity to express to others that, as information behaviors evolve, so do the information professions."





# The iSchool's talented faculty works at the nexus of knowledge, information, people and technology.

## RISHI ANAND '09 | Master of Information Management

Anand chose the iSchool for the strength of its MIM curriculum, and he plans to work in the information systems industry as a software developer or business consultant after completing his degree.

"I feel the MIM program empowers students by

encouraging them to develop both business and software technical skills," says Anand. "There are tremendous opportunities."



*In the classroom, in the lab and on super-computing projects, our faculty and students connect various academic endeavors including information retrieval and management, library science and school media, community and social informatics, ethics and e-government. Improvements in policy and practice influence public services and enhance the availability and accuracy of information. The results impact institutions from art galleries classifying new materials to large-scale corporations tasked with protecting confidential data.*

*Our expanding focus on electronic information builds on a firm foundation of established and nationally ranked library science programs. A dependable, innovative resource for people from all walks of life, the iSchool's faculty is a tremendous asset for other researchers, federal government employees and the private sector.*

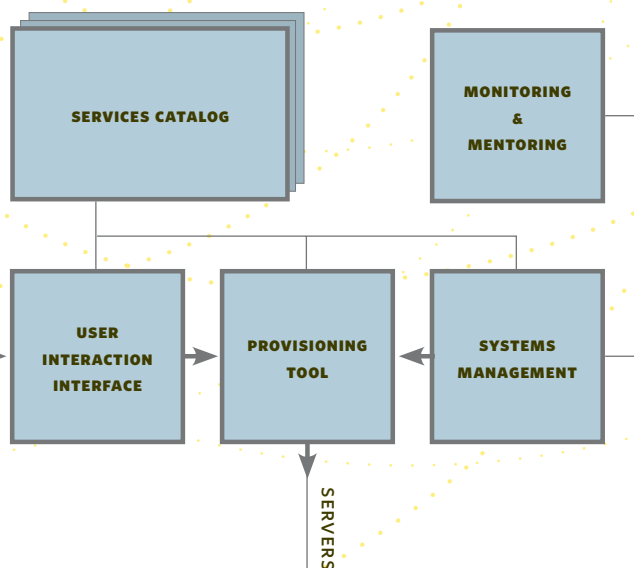
Google, the search-engine giant, and IBM tapped Maryland as one of six schools nationwide to participate in its "cloud computing" project, and the iSchool's **Jimmy Lin** is leading the research here.

The work uses large-scale remote data centers, rather than individual computers, to support complex programming. Through the Google- and IBM-sponsored project, students develop systems and write programs that may run on thousands of machines and manage massive data loads.

"In today's highly interconnected world where we expect Internet access wherever we go, there's no reason why computing services shouldn't be provided in the same manner," says Lin, whose work will ultimately help make students more competitive in the global technology market.

Maryland was a natural fit for the cloud computing program, with strengths in information science, language processing and translation, Web-based data mining, and, of course, Lin's expertise. Working at the intersection of information retrieval, **information science** and computational linguistics, he develops computer programs that return specific answers to questions, rather than "hits" based on vague keywords.

## CLOUD COMPUTING



**BENJAMIN BROWN '08** | Master of Library Science  
Archives, Records and Information Management

Brown chose to earn his master's at the iSchool largely because of its proximity to Washington, D.C., and the many museum and archival opportunities here. Most interested in the preservation of audio-visual material, Brown was able to work with the National Archives to

protect motion picture film. "I have been wholly impressed with professors who have provided a wealth of information about what it is like to work in the field," Brown says.



Faculty, students, alumni and partners benefit from our proximity to the capital and relationships with federal agencies, influential corporations and non-profit organizations. Recent partners include the Library of Congress, Smithsonian Institution, the Department of Homeland Security, the White House, Lockheed Martin, Northrop Grumman, National Geographic, National Archives and Records Administration and the History Associates. High-level officials, such as the federal IT director, are in our classrooms regularly and recognize our students' capabilities. Nearby government and private libraries provide terrific training grounds, internships and career connections. Meanwhile, our own university and its impressive array of highly ranked programs offer excellent opportunities for multidisciplinary research.

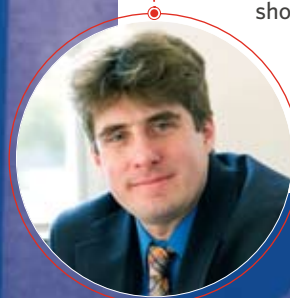
The iSchool is ideally located near Washington, D.C., the information capital of the world, and is part of a top-ranked public research university.

As director of the Center for Information Policy and Electronic Government, **Paul Jaeger** knows well the importance of **location and access**. The center, co-sponsored by the School of Public Policy, draws on the expertise of Maryland researchers in fields from computer science to risk communications to homeland security.

"Information cuts across absolutely everything in our society," says Jaeger, who holds degrees in information studies, law and education. "Policy shapes corporate, governmental and social interactions."

Jaeger and his colleagues research e-government policy and its connections to information access and ethics, often working directly with federal agencies in the Washington, D.C., region. The focus is on providing research with impact, "tangible ways of offering help" to citizens, government and anyone whose needs are not met by current policies. That might include those without computers or individuals with disabilities.

The center hosts monthly seminars highlighting the intersection of policy and information, often calling on faculty whose work connects them to nearby agencies. Faculty lead short courses that make federal employees better aware of current policy issues, as well as backing a master's concentration in e-government—the only one in the nation at an iSchool.



**IMPACT**





Maryland's iSchool

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College Park, MD 20742

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# The iSchool enjoys significant momentum, with achievements in growth, innovation and impact.

*Although we already rank among the Top 15 information schools in the nation, we continue our push toward the top. In 2007, we moved to expand our academic offerings and recruit faculty who will bolster our mission of empowering people to use information effectively.*

*Last year, we added seven new professors, new concentrations and began pursuing the addition of an undergraduate degree program. We also awarded more master's degrees than any other school at the University of Maryland, excluding the Robert H. Smith School of Business.*

*As we increase enrollment, launch programs and grow our research activity, the iSchool will maintain its intimate feel by continuing to offer small classes and inspiring the camaraderie that our students expect. And by pursuing careers in traditional and emerging fields, our alumni will return the favor by demonstrating the relevance and influence of Maryland's iSchool.*

More than 9,500 square feet of research and office space houses the Center for Information Policy and E-Government, the Human-Computer Interaction Lab and some of the school's renowned scholars. Informal meeting space at the heart of the Hornbake Library facility encourages student and faculty interaction.



## INTERCONNECTION

Robyn Frank '72 and Leonard Boyer Williams '06 represent the best of the iSchool.

Frank worked for 34 years as a career federal library manager, much of it at the National Agricultural Library.

After she led the Library References Services of the Congressional Research Service in the Library of Congress and created the first Virtual Resource Center, the U.S. Executive Office of the President selected Frank to become director of its library and research services. In 2005, she founded Robyn Frank Strategic Partners, which provides consulting services to libraries and information centers. Frank currently serves on the Board of Directors of the Special Libraries Association.

Williams came to the university to advance his career within the National Geographic Society Library and Information Services Division. The iSchool allowed him to explore the concepts of online networking and community-building and prepared him for new endeavors. Williams turned a semester-long project management assignment into a new position as manager of National Geographic's Emerging Explorers program, where he cultivated a new generation of adventurers and scientists. Today, he manages the society's All Roads Media Production and Development unit, finding and supporting indigenous filmmakers and producing festivals and DVDs to showcase their work.

"The iSchool enabled me to explore programs that would help me move to the next level," says Williams.

