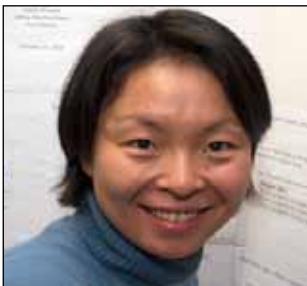


The Doctoral Program



research at a higher level

AN INTERNATIONAL LEADER

The School of Information at the University of Michigan is acclaimed as a leader in the iSchool movement: it was one of the first schools to recognize the importance of having an academic home for the investigation of information and the connections between information, technology, and society. SI's faculty members have international reputations in a variety of information-related fields, and they bring an enormous breadth of perspectives to the doctoral program. The School's small size results in close interactions between students and faculty: doctoral students are fully integrated in all aspects of the School, and are involved in research efforts from the day they join SI.

A SAMPLING OF CURRENT STUDENT RESEARCH

- Analyzing the principles of information system design to provide incentives for appropriate uses, **e.g.**, to improve information security or to enhance the reliability of recommender systems
- Understanding how the context of the daily experience of chronic illness shapes information needs, seeking and use
- Studying the social role of information technology in creative arts and cultural production, particularly the use of amateur snapshot media for the construction and maintenance of coherent familial biographies
- Developing approaches to protecting user privacy in a location-aware ubiquitous computing environment through intelligent interface design and application development
- Studying the factors that influence collaboration and data analysis with massive, high resolution displays, and creating applications that support more effective use of this technology
- Investigating the use of social computing technologies to support learning and group knowledge formation in both classrooms and nontraditional environments
- Examining the socio-technical issues of information generation, use, and documentation to inform information systems design in medical care

DOCTORAL PROGRAM GRADUATES

A sample of faculty or post-doctoral fellows in a variety of research universities:

- Cornell
- Penn State
- University of California at Irvine
- University of North Carolina
- University of Illinois at Urbana-Champaign
- University of Maryland
- Michigan State University
- Ohio State University
- Peking University

Graduates are also researchers at such organizations as:

- The Boeing Co.
- Microsoft Corp.
- Pitney Bowes, Inc.
- Pfizer, Inc.

FACTS ABOUT OUR SCHOOL

- 50 Ph.D. students (22 female/28 male)
- International students: 17
- Age range: 23-45 (average is 33)
- Average entering class size: 10
- Average undergraduate GPA: 3.7
- Average graduate GPA: 3.7
- Average GRE scores:
 - Verbal, 612
 - Quantitative, 720
 - Analytical writing, 4.5
- Faculty: 43
- Research funding: More than \$6 million in 2007-08

TO LEARN MORE ABOUT SI, VISIT SI.UMICH.EDU

BRIAN HILLIGOSS

BCA in theatre, MSIS in information science,
University of North Carolina at Chapel Hill

INTERESTS

- Organization studies
- Medical communication and patient safety
- Computer-supported collaborative work

QUOTE

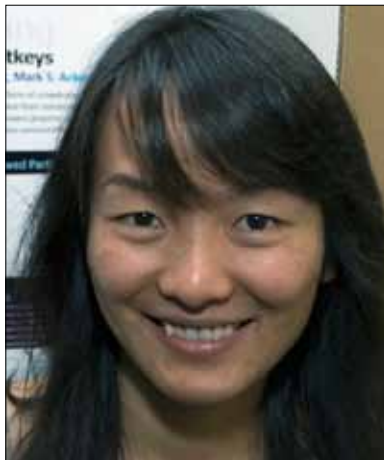
"I am interested in repetitive, information-intensive routines that are at the heart of organizational functioning."

CURRENT RESEARCH

Understanding how people adapt work routines that involve information transfer to fit different contexts. His approach is to study variations in the process of patient "handoffs" between health care providers: how is information about a patient's status conveyed when, for example, a nursing shift change occurs. Brian's goal is both to improve patient safety and medical care and to inform our broader understanding of organizational routines and change processes and their impact on information accuracy.



student profiles



JIANG YANG

BA in information systems, MA in economics in finance engineering,
University of Science and Technology of China

INTERESTS

- Human-computer interaction
- Computer-supported collaborative work
- Social knowledge augmentation

QUOTE

"My research concerns the ways in which distributed knowledge can be efficiently integrated through collaborative distributed networks."

CURRENT RESEARCH

Studying people's participation structure and knowledge distribution in online knowledge sharing communities. Jiang aims to design sophisticated HCI interfaces by bringing together technical, social, economic, and dynamic perspectives. Her goal is to enhance our understanding of the aspects of technology that influence remote collaborations and facilitate information flow across distributed teams.

WHY WE ARE AN INNOVATIVE PH.D. PROGRAM

We seek to affect designs of real systems — our projects typically are inspired by a practical problem, move into the realm of abstract theorizing, and end by influencing the design of fielded systems.

You'll learn the best of interdisciplinary research, focusing on the technical and social sides of issues, forging your own paths into the complex arena of today's technology and its social ramifications.

We seek not only to understand the ways in which technology creates social change, but also to better design information systems that will help society. Many graduates move into faculty or research tracks either in information schools or in professional schools, such as business, public policy, or communications. Others go into research, administration, business, or government.



Stephanie Teasley

Doctoral Program Director

WHAT WE ARE LOOKING FOR

- A bachelor's degree, ideally in a field relevant to your proposed area of research
- A superior academic record, with evidence of ability to engage in independent and original study in an information field
- A distinguished record of scholarship, maturity, integrity, intellectual honesty, leadership potential, professional promise, and the capability of making substantive and scholarly research contributions to the field

FUNDING

Full funding (tuition, stipend, and health plan) valued at approximately \$24,000 in 2008-09 is provided to all students admitted to the School of Information doctoral program. Funding is contingent upon satisfactory progress in the program. Support comes from a mix of graduate student instructor and graduate student research assistant positions. See our Web site for additional sources of outside funding.

FOR MORE INFORMATION ABOUT THE DOCTORAL PROGRAM

Please visit our Web site at si.umich.edu for the latest information about the program, the online application process, and the required documentation. Admission is in the fall semester only.

Applications must be submitted by Jan. 5.

For additional information, contact Sue Schuon, assistant director of the doctoral program, at sues@umich.edu or (734) 647-3110.



School of Information
University of Michigan
304 West Hall
1085 S. University Ave.
Ann Arbor, MI 48109-1107
(734) 647-3110
si.umich.edu
Martha E. Pollack, Dean

Regents of the University of Michigan

Julia Donovan Darlow, Ann Arbor
Laurence B. Deitch, Bingham Farms
Denise Ilitch, Bingham Farms
Olivia P. Maynard, Goodrich
Andrea Fischer Newman, Ann Arbor
Andrew C. Richner, Grosse Pointe Park
S. Martin Taylor, Grosse Pointe Farms
Katherine E. White, Ann Arbor
Mary Sue Coleman, *ex officio*

University of Michigan

Non-Discrimination Policy Notice

The University of Michigan, as an equal opportunity/affirmative action employer, complies with all applicable federal and state laws regarding nondiscrimination and affirmative action. The University of Michigan is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, national origin, age, marital status, sex, sexual orientation, gender identity, gender expression, disability, religion, height, weight, or veteran status in employment, educational programs and activities, and admissions. Inquiries or complaints may be addressed to the Senior Director for Institutional Equity, and Title IX/Section 504/ADA Coordinator, Office of Institutional Equity, 2072 Administrative Services Building, Ann Arbor, Michigan 48109-1432, (734) 763-0235, TTY (734) 647-1388. For other University of Michigan information call (734) 764-1817.