Information Systems Department

Our Mission
Whether our research and teaching is technically focused or organizationally oriented, we seek to understand the impact and implications of information systems and technology on business strategy, processes, and operations.

The Information Systems Department is ranked among the top ten IS departments in the US by The Wall Street Journal.

Research Interests
- **Emergent network forms of markets and organizations**: How markets and organizations can be effectively designed given the pervasive availability of new information and communication technologies. This includes the study of new forms of alliances and networks as well as new communities and new processes.
- **Organizational capability through new technologies**: Understanding how to leverage new technologies such as mobile Internet, new telecommunications technologies, radio frequency identification (RFID), mote technologies, and visualization tools.
- **Investing in IT**: The economic issues pertaining to investment in IT and how best to leverage value from new IT functions.

Information Systems Faculty

**PROFESSORS**

**Jeffrey Allen, Assistant Professor**
Allen earned his PhD in information systems, his MS in risk management and insurance, and an MBA from Georgia State University. He received his BBA from the University of Georgia. His research interests include microcomputer playfulness, technology adoption, decision support systems, and financial planning in the professional athletic environment.

**Paul Carlile, Associate Professor**
Carlile received his PhD from the University of Michigan and his MS from Brigham Young University. His primary interest is in innovation and how to design teams, organizations, or network platforms to accelerate their capacity for innovation. In particular, he focuses on how information and knowledge must move across boundaries (designer and user, producer and consumer, disciplines).

**Kathleen Curley, Research Professor and Lecturer**
Curley earned her DBA in management of technology and her MBA from Harvard University. She received her AB from Smith College in economics. Her research interests include the management of global virtual teams, organizational agility, and outsourcing business processes.

**Chrysanthos Dellarocas, Professor (effective September 1, 2012) and Department Chair (effective July 1, 2012)**
Dellarocas holds a PhD and an MS in computer science from MIT and a diploma in electrical engineering from the National Technical University of Athens. His research focuses on the study of online reputation and social media. Other interests include collective intelligence, online advertising, and the economics of media industries.

**James Freedman, Assistant Professor**
Freedman earned his DBA in information systems from Boston University and his BS from Northeastern University. Freedman held positions of increasing responsibility during his 30 years in the software consulting industry prior to earning his doctorate. His current research focus investigates the process of assuring relevance in information systems education.

**John Henderson, Professor**
Henderson earned his PhD in operations research from the University of Texas at Austin. His research focuses on four main areas: managing strategic partnerships, aligning business and IT strategies, the impacts of mobile Internet, and knowledge management.
Michael Lawson, Professor and Associate Dean, Executive Education
Lawson received his PhD in economics from the University of Iowa. He earned his MA and BA in economics from California State University at Long Beach. His research focus is on the economics of industry transformation and on the development of research-based business cases for graduate and executive programs.

Benjamin Lubin, Assistant Professor
Lubin earned his PhD in computer science, SM in computer science, and AB in computer science, all from Harvard University. His principle studies include multi-agent systems, game theory, mechanism design, electronic commerce, combinatorial optimization, preference elicitation and representation, distributed systems, and grid computing.

Nachiketa Sahoo, Assistant Professor
Sahoo, most recently a visiting assistant professor of information systems at Carnegie Mellon Tepper School of Business, received his PhD and MA from the Carnegie Mellon University and his BTech from the Indian Institute of Technology in Kharagpur, India. His areas of interest involve information filtering, recommender systems, and networks analysis. His research has attracted funding from both government and private sources, including a Yahoo! Faculty Research Grant for his work in personalized advertisement.

Marshall Van Alstyne, Associate Professor and Dean’s Research Fellow
Van Alstyne completed his PhD in information systems and economics, and his MS, at MIT. He earned his BA in computer science from Yale. His research focuses on information economics, including the economics of networks, valuing information, IT productivity, technology platforms, and intellectual property.

N. Venkatraman, David J. McGrath, Jr. Professor in Management
Venkatraman earned his PhD in strategic management from the University of Pittsburgh and his MBA from the Indian Institute of Management in Calcutta. He received his undergraduate degree from the Indian Institute of Technology in Kharagpur, India. His research interests include IT strategy and sourcing, a network-centric view of business strategy, and theory construction in strategy and IT.

Stephanie Watts, Associate Professor and Dean’s Research Fellow
Watts earned her DBA and MS in management information systems from Boston University. Her research examines the impact of computer-mediated technologies on knowledge management and on the design of technology solutions.

George Wyner, Assistant Professor
Wyner received his PhD in management from MIT and his AB in mathematics from Harvard College. His primary research interests are in representation, classification, analysis, and design of organizational processes. His related interests include systems analysis, new organizational forms, coordination theory, computer-supported cooperative work, and information technology-enabled distributed design.

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