INFORMATION SYSTEMS

OUR MISSION

We seek to produce leaders who understand how to change the world through technology. We seek to understand the impact and implications of information and technology on business strategy, organizational efficiency, and public policy.

We embrace teaching and research that makes the world better using tools from data analysis, computer science, economics, philosophy, machine learning, and organizational behavior.

We strive to be the best in our chosen domain. Our faculty include some of the most highly cited scholars in strategy, reputation systems, and network economics.

OUR RESEARCH INTERESTS

- Machine learning
- Network effects
- Reputation systems
- Social networks
- Innovation
- Business platforms and ecosystems
- Effects of IT on labor, productivity
- Corporate social responsibility
- Big data
- Computational social science

RESEARCH FACULTY

Paul R. Carlile, Associate Professor and Senior Associate Dean for Curriculum and Innovation

RESEARCH INTERESTS Knowledge management and innovation processes, and open innovation and business model evolution

EDUCATION PhD, University of Michigan

Kathleen Foley Curley, Research Professor

RESEARCH INTERESTS Knowledge management, investor risk assessment, technology and strategy, and online communities

EDUCATION DBA, Harvard University

Chrysanthos Dellarocas, Richard C. Shipley Professor in Management and Associate Provost for Digital Learning and Innovation

RESEARCH INTERESTS Online reputation, online product reviews, social media, digital marketing, platform strategies, information economics, and digital learning

EDUCATION PhD, Massachusetts Institute of Technology

Benjamin Lubin, Clinical Associate Professor

RESEARCH INTERESTS Methods for creating and evaluating pricing rules in combinatorial mechanisms, applications of combinatorial mechanisms to difficult resource allocation problems, and the effect of network structure on collaboration

EDUCATION PhD, Harvard University

Nachiketa Sahoo, Assistant Professor

RESEARCH INTERESTS Personalization, recommender systems, and user preference learning

EDUCATION PhD, Carnegie Mellon University

Jesse Shore, Assistant Professor

RESEARCH INTERESTS Social networks, online communities, and collective intelligence

EDUCATION PhD, Massachusetts Institute of Technology

Marshall W. Van Alstyne, Professor, Department Chair, and Everett W. Lord Distinguished Faculty Scholar

RESEARCH INTERESTS Information economics, network business models, platforms, and strategy

EDUCATION PhD, Massachusetts Institute of Technology

N. Venkat Venkatraman, David J. McGrath, Jr. Professor in Management

RESEARCH INTERESTS Understanding the challenges of winning in the network era given the confluence of computers and communication technology

EDUCATION PhD, University of Pittsburgh

Dylan Walker, Assistant Professor

RESEARCH INTERESTS How information, behaviors, and influence spread in online social networks

EDUCATION PhD, Stony Brook University

Stephanie Watts, Associate Professor

RESEARCH INTERESTS The intersection of information systems and corporate social responsibility and sustainability

EDUCATION PhD, Boston University
SELECTED PUBLICATIONS


TEACHING FACULTY

Assistant Professor Jeffrey W. Allen
Jim Freedman
Senior Lecturer Ralph Covino

INFORMATION SYSTEMS PROGRAM

The Information Systems department has developed a strong presence in social networks, recommender systems, and digital platforms. Our social network research has explored who is most influential and susceptible in message propagation, and how networks shape collective intelligence. Our platform research has found the strategies that lead to winner-take-all markets. Our work is taught worldwide. Classes in IS provide leading tools and theories in data science, technology, AI and organizational design. Our MSDi program trains students to bridge technical and managerial roles, a combination that is especially sought by employers.

TO LEARN MORE, VISIT: 
bu.edu/questrom/faculty-research/academic-departments/information-systems

FOR GENERAL INQUIRIES, PLEASE CONTACT:
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Boston University strives to create environments for learning, working, and living that are enriched by racial, ethnic, and cultural diversity. In support of fostering a diverse faculty, the Questrom School of Business is a member of the PhD Project and the Massachusetts Business School Collaborative.