

PhD IN BUSINESS

Information Systems Concentration

Bentley is unique in its strong commitment to Information Systems, with three departments specializing in IS research and teaching: Information and Process Management, Computer Information Systems, and Information Design and Corporate Communications. Successful applicants would be advised by a faculty member in the department most closely aligned with the doctoral student's interest areas, and would be encouraged to intermingle with faculty and students across all three departments and elsewhere across the University.

DIRECTOR OF PhD PROGRAMS



JAY C. THIBODEAU

- Research interests: External auditing process, cognitive characteristics of experts, big data in financial statement auditing
- As director, Jay is passionate about developing highly productive scholars and outstanding classroom teachers.

WORLD-CLASS FACULTY



M. LYNNE MARKUS

Research interests: Social and ethical issues in IT design and use, IT organizational design and governance



JANE FEDOROWICZ

Research interests: Inter-organizational information systems, inclusiveness in IT, and enterprise systems



SANDEEP PURAO

Research interests: Design and evolution of complex technologies at larger scales such as organizations, governments and cities



MONICA GARFIELD

Research interests: Creativity, team work and team formation, knowledge creation, telemedicine, cross-cultural work



MARCO MARABELLI

Research interests: Knowledge management and innovation, implications of big data, knowledge mobilization, coordination in healthcare, social media and social networks



JENNIFER XU

Research interests: Business analytics and intelligence, artificial intelligence, human-computer interaction, fintech, electronic commerce, healthcare

PROGRAM FEATURES

- One of only two PhD programs in the United States accredited by both AACSB and EQUIS, and the only program in the United States with membership in the European Doctoral Association in Management and Business Education (EDAMBA).
- Access to a faculty adviser in your area of interest from day one, working with them on research projects over the course of the program.
- Free tuition and student health insurance, plus a generous stipend for the first four years, with a fifth year of funding possible. Students also receive research and conference support.
- A broad interdisciplinary foundation with emphasis on business, technology and society.
- Methodology courses, including both quantitative and qualitative courses, as well as a specialized course in experimental design.
- An inclusive community committed to producing high-quality research.
- Located just nine miles from the heart of Boston.

RECENT BENTLEY PHD PLACEMENTS



SELECTED RESEARCH BY INFORMATION SYSTEM FACULTY, PHD STUDENTS AND ALUMNI

- C.B. Williams, J. Fedorowicz, A. Kavanaugh, K. Mentzer, J.B. Thatcher, and J. Xu. (2018). "Leveraging Social Media: The community Policing Case," *Government Information Quarterly*, 35 (2), 210-222.
- Gantman, S and Fedorowicz, J. Decision Factors for IT Outsourcing in the Public Sector, *Communications of the Association for Information Systems*. Forthcoming.
- D'Andreta, D., Marabelli, M., Newell, S., Scarbrough, H., Swan, J. (2016). Dominant Cognitive Frames and the Innovative Power of Social Networks. *Organization Studies*, 37 (3), 293-321.
- Fedorowicz, J., Sawyer, S., and Tomasino, A. (2018). Governance Patterns of U.S. Public Safety Networks: A Fuzzy Set Qualitative Comparative Analysis. *Journal of Information Technology*. Vol. 33, no. 4, 2018, pp. 326-344.
- Galletta, D., Bjorn-Andersen, N., Leidner, D., Markus, M., McLean, E., Straub, D., Wetherbe, J. If Practice Makes Perfect, Where Do We Stand? *Communications of the AIS*, 45 (3), 39-64.
- Hansen, S., Gogan, J. L., Baxter, R. J., Garfield, M. J. (2019). Informed collaboration in health care: An embedded-cases study in geriatric telepsychiatry. *Information Systems Journal*, 29(2), 514-547.
- Liu, N., Gavino, A., Purao, S. R. (2015). Extracting Citizen Values as Inputs for Designing Citizen-Responsive Urban e-Planning Services: The VOICE Approach and a Demonstration in the Healthcare Context. *International Journal of E-Planning Research (IJEPR)*, 4 (2), 1-25.
- Maass, W., Parsons, J., Purao, S. R., Storey, V., Woo, C. (2018). Big Data Analytics and Domain Theory: Reconciling the Two Solitudes. *Journal of the AIS*. Forthcoming.
- Marabelli, M., Vaast, E. Unveiling Research Impact Outside Academic Boundaries: A Practice-Based View. *Information and Organization*. Forthcoming.
- Marabelli, M., Galliers, R. D. (2017). A Reflection on Information Systems Strategizing: The Role of Power and Everyday Practices. *Information Systems Journal* (27(3)), 347-366.
- Mengesha, G., Garfield, M. J. (2019). A contextualized IT adoption and use model for telemedicine in Ethiopia. *Information Technology for Development*, 25(2), 1-20.
- Purao, S., M. Garfield, X. Gu, and P. Bhetwal. 2019. Predicting the Slide to Long-Term Homelessness. *IEEE Conference on Business Informatics. Moscow, Russia*.
- Rowe, F., Markus, M. (2019). Against Theoretical Constraint: A Commentary on Hirschheim's "Against Theory: With Apologies to Feyerabend. *Journal of the Association for Information Systems*, 1361-63.
- T. Babaian, J. Xu, and W. Lucas. (2018). ERP Prototype with Built-in Task and Process Support, *European Journal of Information Systems*, 27(2), pp. 189-206.
- Xu, J., Fedorowicz, J., & Williams, C. B. (2019). Effects of symbol sets and needs gratifications on audience engagement: contextualizing police social media communication. *Journal of the Association for Information Systems*, 20(5), 5.

FOR GENERAL AND ADMISSIONS QUESTIONS

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APPLICATION DEADLINE:

January 5, 2021

Early applications are encouraged.