NIST and DHS grants fund interdisciplinary project on information risk

HANOVER, N.H.— Researchers at the Tuck School of Business and Dartmouth's Computer Science department were awarded $660,500 in a pair of research grants from the National Institute of Standards and Technology and the Department of Homeland Security. The funding supports a project that is investigating how information risk can be articulated and monetized with the goal of developing lifecycle management approaches to information provisioning.

"Ensuring the professionals in large data-oriented enterprises have the right information is key task of chief information officers," noted Professor M. Eric Johnson, director of the center and co-principal investigator on the research project. "However, too much information in the wrong hands can lead to many risks including mistakes, intellectual property leakage, and fraud."

"Usability of any security technology is critical to user adoption," added Dartmouth computer science professor and co-investigator, Sean Smith. "This interdisciplinary project will benefit data-oriented enterprises by both analyzing many current best-practices for provisioning and developing usable approaches that reduce information risk."

The project is part of a larger research program managed by the Dartmouth's Institute for Security Technology Studies (ISTS). Besides Smith and Johnson, the team included graduate students from both computer science and Tuck and undergraduate research interns funded under Dartmouth's Women In Science Project.

The Center for Digital Strategies promotes the development and practice of digital strategies— the use of technology-enabled processes to harness an organization's unique competencies, support its business strategy, and drive competitive advantage. Through its programs and research, the center examines the impact of technology on all aspects of management and strategy, including supply chain, marketing, and product development. The center also addresses issues throughout the extended enterprise, including globalization, organizational change, and information security.

For more information about the center and its research efforts, please visit the web at www.tuck.dartmouth.edu/digitalstrategies.

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Founded in 1900, Tuck is the first graduate school of management and consistently ranks among the top business schools worldwide. Tuck remains distinctive among the world's great business schools by combining human scale with global reach, rigorous coursework with experiences requiring teamwork, and valued traditions with innovation.

Founded in 2000 at Dartmouth, the Institute for Security Technology Studies (ISTS) strengthens homeland security through research, education and outreach programs that focus on technology critical for cyber security and emergency preparedness and response. ISTS has transferred technology to large and small businesses and government agencies. Funded largely through the Department of Homeland Security and the Department of Justice, ISTS has additional support from federal agencies, foundations, and corporations including DARPA, NSF, FBI, Mellon Foundation, Sun Microsystems and Microsoft.