Annual Report 2006-07

Letter from the Directors ................................................................. 2

Programs and Events ........................................................................ 4

Corporate Roundtables ................................................................. 4

Academic Seminars and Conferences ............................................ 5

Research and Publications ............................................................... 6

Academic Publications .................................................................... 6

Executive Publications .................................................................... 6

MBA Program Enrichment ............................................................... 9

MBA Fellows Program ...................................................................... 9

External Outreach ........................................................................... 11

RadioTuck, Digital Assets & Social Media ....................................... 12

Participants in Roundtables on Digital Strategies ......................... 15

Executive Fellows ........................................................................ 20

Public Relations ............................................................................... 21

Media Mentions ............................................................................. 21
LETTER FROM THE DIRECTORS

Dear Stakeholder,

The Center for Digital Strategies focuses on enabling business strategy through digital strategies that harness a company's unique competencies and drive competitive advantage. We are excited to report our progress this year in achieving this mission within all three of our key constituencies: business academics, corporate executives, and MBA students.

The center's research momentum continued this year, with five grants awarded totaling over $1.5M. The grants included efforts to study information risk in professional service industries funded by National Institute of Standards and the Department of Homeland Security; an examination of information and trust in humanitarian relief funded by Save the Children; and a study to examine the business rationale for information security funded by the Department of Homeland Security. The center also received funding to launch an executive education program for security professionals.

Our corporate roundtable series enjoyed growing participation from Fortune 500 firms. Executives from 3M, AT Kearney, Bechtel, BT, Canadian Pacific Railway, Cargill, Cesk sporitelna, Cisco Systems, DHL, DISA, Eastman Chemical, Eaton, Egon Zehnder, Erste Bank, GM, Hasbro, Henkel, IBM, ING, JPMorgan Chase, Ogilvy & Mather, koda Auto, Sysco, and Time Warner Cable, along with academics from Tuck, Georgia Tech, Michigan, and MIT, participated in this series of three roundtables, which included our first roundtable held in Europe. This provided a platform and impetus for the forming of a European chapter which we announced earlier in June that includes a number of major global companies based in Europe.

Internally, our Tech@Tuck MBA events brought leading technology executives from different industries together to discuss the business opportunities and challenges in managing consumer data. As with all Tech@Tuck events, we also exposed our students to a wide range of state-of-the-art technology. Additionally, we developed two new cases that impacted the MBA core curriculum and executive education, and are proud to announce that our case series has been named the "Vincent L. LaCorte Case Series" as a result of a generous gift from Blair LaCorte, center executive fellow and Tuck alum. We're also pleased that we were able to launch a well-received newsletter for alums of our MBA Fellows program.

This year yielded a number of publications and media mentions in high impact venues including Business Week, CIO Magazine, The Conference Board Review, Financial Times, Scientific American, the Wall Street Journal, USA Today, and U.S. News & World
Report. To our podcast series, Radio Tuck, we added 17 interviews (available on iTunes and through a number of RSS feed directories), including interviews with executives from BMW, Facebook, Microsoft, Pepsi, Starwood, Time Warner Cable, Vanguard Group, and Yahoo!

We invite you to read our Annual Report below to get the details on events, people, and publications, and learn more about the center’s ongoing accomplishments.

Sincerely,

M. Eric Johnson  Hans Brechbühl
Director  Executive Director
**PROGRAMS AND EVENTS**

**CORPORATE ROUNDTABLES**

This year, the center organized three corporate roundtables for the Thought Leadership Roundtable on Digital Strategies (TLRDS) series. Each TLRDS roundtable consisted of 15-20 CIOs and functional VPs from Fortune 500 companies and 2-3 senior academics engaged in a day-long moderated roundtable discussion. Together they shared perspectives on a specific business issue, wrestled with concerns common across sectors, and worked to identify digital strategies that create and sustain competitive advantage. Event summaries and/or content overviews (and much more) are available for each roundtable at the links below:

- **Conducting Business in Emerging Markets**, September 26, 2006, Prague, Czech Republic
- **The Agile and Resilient Enterprise**, February 27, 2007, Sea Island, GA
- **Web 2.0 and the Corporation**, June 19, 2007, Palisades, NY

**Tech@Tuck**

Tech@Tuck is a center-sponsored series of annual events for the Tuck and greater Dartmouth community that highlight digital technologies and their personal or business implications. This series features panels comprised of executives debating topics of interest to students and faculty, as well as hands-on demonstrations of the latest associated gadgets and devices. This year the center held two events around the topic of managing consumer data. Content overviews and other event-related materials to this year's Tech@Tuck events are available at the links below:

- **Managing Consumer Data: Improving Service and Protecting Privacy**
  - January 10, 2007, Hanover, NH
- **Where's Your Personal Data? The Use and Abuse of Consumer Information**
  - January 17, 2007, Hanover, NH

In addition to hosting these two events, we also worked with the Hopkins Center to bring "SUPER VISION"—a theatrical production that explores the relationship between
electronic information, security, and identity—to Dartmouth.

**ACADEMIC SEMINARS AND CONFERENCES**

The center promotes research and discussion related to technological innovation and organizational learning. This year, the center brought in one additional speaker to the Technology, Innovation, and Learning (TIL) seminar series. This series brings together faculty and visiting academics whose expertise cross multiple areas—economics, operations, strategy, engineering, marketing, and organizations. Content overview and related materials are available for this event at the link below:

Making Waves: Market Incentives and Organizational Capabilities, October 20, 2006, Hanover, NH

**PROGRAM GRANTS**

Over the course of the last year, the center received and/or did work on the funding for the following programs:


"Tech@Tuck: Managing Consumer Data" Dartmouth Centers Forum, $6,500.
RESEARCH AND PUBLICATIONS

ACADEMIC PUBLICATIONS

The center and its affiliated faculty and fellows have made a material contribution to the publication of the following academic papers or publications this year:


EXECUTIVE PUBLICATIONS

The center and its faculty or fellows wrote or edited the following articles published for the executive audience in the past year:


CASES

The center has developed the following cases for the Vincent L. LaCorte Case Series:


RESEARCH FELLOWS PROGRAM

The center welcomes the opportunity to work with researchers from an industry, consulting, or appropriate government setting on areas of mutual interest. Quintus Jett was appointed as a senior research fellow and project manager at the center this year. Quintus is leading research projects on how digital technologies offer new ways of designing organizations and making decisions.

Among the center's other research fellows this year were: Scott Dynes (information security and security investments); Laura Rock Kopczak (trust and collaboration); Charles H. White, Jr. (transportation security); and Robert Bruce (telecommunications). Their latest publications can be found under "Academic Publications" and "Executive Publications" in this report.

RESEARCH PROJECTS

The center cooperates with and sometimes provides funding to affiliated researchers for research on topics of direct interest to the center. This year the center continued its participation in four projects:

Identification and Management of Information Security Risks in Supply Chains

with the Institute for Information Infrastructure Protection (I3P)
Enhancing Trust through Information Sharing in the Extended Enterprise (EnTISE) with the Institute for Information Infrastructure Protection (I3P)

Electronic Collaboration Study with the University of St. Gallen

RESEARCH GRANTS

Over the course of the last year, the center received and/or did work on the funding for the following research projects:

"Information Risk in the Professional Services." NIST, $128,500 for 2nd-year MBA and 3rd-year PhD student.

"Information and Trust in Humanitarian Supply Chains." Save The Children, $2500.

"Information Risk in Data-Oriented Enterprises" Department of Homeland Security, $532,038.

MBA PROGRAM ENRICHMENT

MBA FELLOWS PROGRAM

The center offers this program for second-year students interested in digital technology and its broad impact on business today. Fellows have unique networking opportunities with the center's visitors including executives visiting a number of technology related classes; gain a greater understanding of the issues of digital strategies by working with center faculty and events; and are able to do independent research or write a case in an area of interest to the student. This year's fellows participated in the following ways:

Supreet Ahluwalia T'07, Radio Tuck interviewer
David Charles T'07, Radio Tuck interviewer
Benjamin Farmer T'07, independent project
Michael Guido T'07, Radio Tuck interviewer, Tech@Tuck organizer
Allan Hui T'07, Radio Tuck interviewer, Tech@Tuck organizer, independent project
Prashanth Kamath T'07, Radio Tuck interviewer, Tech@Tuck organizer
Patrick Redmond T'07, Radio Tuck interviewer, Tech@Tuck organizer, independent project

Visiting Executives and Academics

As part of its efforts to enrich the MBA program, the center invites and hosts executives and academics in conjunction with the professors teaching center-affiliated courses, or for other events at Tuck. This year we hosted 14 visitors for a variety of classes and events:

Anke Audenaert
VP, Content Optimization, Yahoo!
January 10, 2007, Tech@Tuck panelist

Katherine Bryant
VP, Consumer Advocacy, ChoicePoint
January 17, 2007, Fireside Chat speaker
John Garing
CIO, and Director of Strategic Planning and Information
Defense Information Systems Agency (DISA)
March 12, 2007, center visitor
Rebecca Gillan T'75
VP, Global Market Research & Guest Satisfaction
Starwood Hotels
January 10, 2007, Tech@Tuck visitor
Craig Goldberg
Chief Privacy Officer, Time Warner Cable
January 10, 2007, Tech@Tuck panelist
Steve Hafner D'91
Co-founder and CEO, Kayak.com
January 10, 2007, Tech@Tuck info sessions
Chris Kelly
VP, Corporate Development and Chief Privacy Officer
Facebook
January 10, 2007, Tech@Tuck panelist
Blair LaCorte T'90
Executive Vice President, Marketing & Business Development, Savi Technology
November 2, 2006, Supply Chain Management class speaker
Bill Pond, T'98
Web Site Development Manager, LL Bean
September 21, 2006, Supply Chain Management class speaker

Shawn Roman
Partner, Accenture Health & Life Sciences
November 8, 2006, Supply Chain Management class speaker

Robert Ellis Smith
Publisher, *Privacy Journal*
January 17, 2007, Fireside Chat speaker

Bobbie Stempfley
Deputy CIO and Vice Director Strategic Planning and Information
Defense Information Systems Agency (DISA)
March 12, 2007, center visitor

Bruce Stevens
President, Steinway & Sons
October 19, 2006, Supply Chain Management class speaker

Amy Weinberg
VP, Customer Insight, Starwood Hotels
January 10, 2007, Tech@Tuck panelist

[ Back to the Table of Contents ]
**RadioTuck, Digital Assets & Social Media**

Radio Tuck is an original interview series sponsored by the center and focused on the impact of digital technologies on the corporation of today. Interviews are available on our website as podcasts. The [RSS feed](http://digitalstrategies.tuck.dartmouth.edu/media-library/radio-tuck/) for Radio Tuck continues to climb in hits. It has also been added to a number of business and education-related RSS directories, including iTunes, Open Culture ([http://www.oculture.com](http://www.oculture.com)), and Yahoo! The number of distinct hosts picking up the feed has increased from 573 in September to 1151 in May.

The interviews are regularly featured on the Tuck homepage and weekly media updates. The url for our site is: [http://digitalstrategies.tuck.dartmouth.edu/media-library/radio-tuck/](http://digitalstrategies.tuck.dartmouth.edu/media-library/radio-tuck/). This was another record year for Radio Tuck. With the help of our MBA fellows, we produced the following interviews:

Anke Audenaert, VP, Content Optimization, Yahoo!

"Yahoo! and You"

Nichol Bradford, Global Director of Strategic Growth, Vivendi Games

"The Future of Games"

Jack Brennan D'76, Chairman and CEO, Vanguard Group

"Innovating at Vanguard"

Katherine Bryant, VP, Consumer Advocacy, ChoicePoint

"Consumer Advocacy at ChoicePoint"

Peter Cullen, Chief Privacy Strategist, Microsoft

"Microsoft's Privacy Strategy"

Sandy Cutler T'75, Chairman and CEO, Eaton Corporation

"Eaton, IT on the Offense"

Steve Fuller, EVP, Marketing, L.L. Bean

"Bean Looks for Best Fit"

Rebecca Gillan T'75, VP, Global Market Research and Guest Satisfaction, Starwood Hotels
"Customer Insight at Starwood"
Steve Hafner D'91, Co-founder and CEO, Kayak.com

"Have Kayak, Will Travel"
Mike Hess, Global Research Director, OMD

"Research Makes a Difference"
Dawn Hudson D'79, President and CEO, Pepsi-Cola North America

"IT and the Pepsi Challenge"
Chris Kelly, VP, Corporate Development and Chief Privacy Officer, Facebook

"Getting Personal with Facebook"
Dilip Keshu, Chief of Strategy and Corporate Development, Cambridge Solutions

Stefan Kramer, Inhouse Consulting, BMW Group

"Driving Strategy through Organizational Alignment"
Sanjay Sarma, Chief Scientist, OAT Systems

"The Possibilities of RFID"
Adrian Sosa T'02, Director, Marketing Intelligence, CVS

"Marketing Intelligence at CVS"
Bruce Stevens, President, Steinway & Sons

"Improving the Steinway System"
Joe Uva, President and CEO, OMD Worldwide

"Marketing's New Landscape"

PRESENTATIONS AND EVENT PARTICIPATION

The center has presented at or attended the following events this year:
The Security Standard

M. Eric Johnson, steering committee

September 6-7, 2006, Boston, MA

"Empirical Research: Obstacles and Solutions"

The Workshop on the Economics of Securing the Information Infrastructure

Scott Dynes, panelist

October 23-24, 2006, Washington, DC

"The Changing Role of the Information Technology Organization"

Value Chain Forum 2006, CIO Session

Hans Brechbuhl, presenter

November 9-10, 2006, University of St. Gallen, Friedrichshafen, Germany

"Information Security & IT Risk Management in the Real World: Results from Field Studies"

DIMACS Workshop on Information Security Economics

Scott Dynes, presenter

January 18-19, 2007, Rutgers University, Piscataway, NJ

RSA Conference 2007

Scott Dynes, attendee

February 5-9, 2007, San Francisco, CA

"Critical Infrastructure Cyber Security: Are Economic Incentives Adequate?"

First Annual IFIP WG 11.10 International Conference on Critical Infrastructure Protection

Scott Dynes, presenter.

March 18-21, 2007, Hanover, NH
"Intro to the Center for Digital Strategies"
Educational Consultants' Conference
Hans Brechbuhl, presenter
April 22-25, 2007, Lebanon, NH

"Why File-Sharing Networks Are Dangerous"
FS ISAC conference
M. Eric Johnson, presenter
May 15, 2007, St. Pete Beach, FL

"The Security Risks of Peer-to-Peer File-Sharing Networks"
Financial Information Systems and Cybersecurity: A Public Policy Perspective
M. Eric Johnson, presenter
May 23, 2007, University of Maryland, College Park, MD

"Inadvertent Disclosure: Information Leaks in the Extended Enterprise"
WEIS Conference 2007
M. Eric Johnson and Scott Dynes, presenters
June 7, 2007, Carnegie Mellon University, Pittsburgh, PA

PARTICIPANTS IN ROUNDTABLES ON DIGITAL STRATEGIES

The center has engaged over 40 senior Fortune 500 executives and top academics in a substantive way at its roundtables this year (# of roundtables engaged in):

Paul A. Argenti
Professor of Corporate Communication, Tuck School of Business, Dartmouth College
Lou Aversano  
Managing Director, Ogilvy & Mather Worldwide  

Maria Azua  
VP, Technology and Innovation, DE, CIO Office, IBM Corporation  

Bill Blausey  
VP and CIO, Eaton Corporation  

Frank Boncimino  
Senior VP and CIO, Time Warner Cable  

Brad Boston  
(Formerly) Senior VP and CIO, Cisco Systems, Inc.  

Allen Borak  
VP, Business Information and Technology Services, Canadian Pacific Railway  

Michael Bradshaw  
Director, Supply Chain Transformation, IBM Corporation  

Blair Christie  
VP, Corporate Communications and Investor Relations, Cisco Systems, Inc.  

Twila Day  
VP and CIO, SYSCO Corporation  

Jackie Daya  
Group Executive, Global Operations, Hasbro, Inc.  

Nancy DeLapp (2)  
VP, Global I/T Infrastructure Center of Excellence, IBM  

William Dewey
Director, A.T. Kearney

Jerry Ericksen
CIO and Staff VP, Information Technology Applications, 3M

Anton Fricko
European Market Development Director, Emerging Technologies Group, IBM

John Gallant
Editorial Director and President, Network World

John J. Garing
CIO and Director of Strategic Planning and Information, Defense Information Systems Agency (DISA)

Wim Geurden
Chief Architect, Retail Financial Services IT, JPMorgan Chase

Rita J. Heise
Corporate VP, Information Technology and CIO, Cargill, Incorporated

Mark Hillman
IT Director, Global Supply Chain and B2C Operations, General Motors Corporation

Peter Hinzmann
Group CIO (Corporate), Henkel

Petr Hlavcek
CIO, Cesk sporitelna, a.s.

Toby Hoden
Chief Marketing Officer, U.S. Financial Services, ING

John Holzem
Assistant VP, Information Technology, SYSCO Corporation
Jon Iwata

Senior VP, Communications, IBM
Rick Jacobs

VP, Supply Chain Management, Eaton Corporation
Rebecca Jacoby

Senior VP and CIO, Cisco Systems, Inc.
Herbert Juranek

Executive Director of Group Organization & IT, Erste Bank Group
Bram Klaeijsen

Executive VP Europe, Africa and the Middle East, Cargill
Andy Lawlor

Lecturer of Entrepreneurship and Strategy, Director, Global MBA Projects: Business School
and The William Davidson Institute, Stephen M. Ross School of Business, University of Michigan
Yvon Le Roux

VP Public Sector, European Markets, Cisco Systems, Inc.
Lauren LoFrisco

Group VP, Marketing, Time Warner Cable
Dave Margulius (3)

Analyst and Consultant, Enterprise Insight
John Marshall

Adjunct Associate Professor of Marketing and Technology Management, Tuck School of
Business,
Dartmouth College
Saby Mitra
Associate Professor, Information Technology Management, College of Management, Georgia Institute of Technology
Paul Montgomery
VP, Communications and Public Affairs, Eastman Chemical Company
Georg Novak
Regional CIO CEE (Central Eastern Europe), Henkel
Alexander Pilar
ITSC Prague Director, DHL Information Services (Europe) s.r.o.
Thor Geir Ramleth (2)
Senior VP and CIO, Bechtel Group, Inc.
JP Rangaswami
President and CIO, BT Global Services
Atefeh Riazi
Senior Partner and CIO, Ogilvy & Mather Worldwide
Ed Richardson
Senior VP and Corporate Manager of Engineering, Bechtel Group, Inc.
Doug Schwinn (2)
Senior VP and CIO, Hasbro Incorporated
Yossi Sheffi
This was our third year working with our executive fellows. We welcome the opportunity to be affiliated with the following thoughtful executives who share common interests and are engaged with the work of the center:

Adam Golodner, Director, Global Security and Technology Policy, Cisco Systems, Inc.

Sam Kinney, Founder, General Partner, Firehole Partners, L.P.
PUBLIC RELATIONS

MEDIA MENTIONS

The center's leadership has been quoted or the center (or its events) mentioned in a number of articles in the public media over the course of the past year:


"CIOs Use Board Membership to Advance Careers." SearchCIO.com (CIO Decisions), July 20, 2006.


"House Committee Awaits HP Documents Related to Scandal." USA Today, September 18, 2006.


"Is That Cool or What?" Valley News, November 19, 2006.


"... And You Will Know Us by the Trail of Data." NHPR, January 9, 2007.


"Shock, Awe and a Touch of Humor." Privacy Journal February 2007


"Ein Name der verbindet. (A Name That Connects.)" Handelsblatt, February 17, 2007.


"Gentilly Gets Going." The Times-Picayune, April 27, 2007


"Personal Data on 17,000 Pfizer Employees Exposed; P2P App Blamed." Computerworld, June 12, 2007.

"Pfizer Falls Victim to P2P Hack." Dark Reading, June 12, 2007.


**Dartmouth/Tuck and Alumni Publicity**

The center and its events have also been mentioned in several Tuck or Dartmouth publications. The center has been featured in the publications noted below:


"Organizing for Security?" ISTS Quarterly, Summer/Fall 2006.


**Press Releases and Other Publicity**

The center has coordinated with the PR office for press releases (unless indicated otherwise) on its major events this year. The following is a list of press releases this year:
"CIOs say global companies must devote distinct resources to emerging markets."


"Tuck roundtable brings together top IT execs to discuss agility and resiliency in the enterprise."

"Tuck roundtable examines agility and resiliency in the enterprise."

"Tuck center to study how firms can improve information security."

"Tuck study shows risks of information leaks in the U.S. banking sector."

"Tuck roundtable brings together top IT execs to discuss Web 2.0."

"Tuck launches European chapter of roundtable on digital strategies."

Newsletters
The center has developed new HTML newsletters for its respective constituencies. For all of our contacts, in addition to our established annual holiday e-card in the winter, we will send out another newsletter in the summer. For our current and former MBA Fellows, we will produce two Alumni Fellows newsletters, one issued in the spring and one in the fall.

Below are two charts noting the response to our very first Alumni Fellows newsletter, which was sent out in late May. For each chart below, click on the image to enlarge. This report shows the high open rate, within two weeks of the newsletter’s initial release, indicating a clean and responsive subscriber list: This report looks more closely at the number opens within that initial two weeks:

Website Development

The center's increased activity and media hits have translated to more frequent updates of the center's main website. In addition to new sortable tables for Executive and Academic Publications, we also have a sortable table for Corporate Events. The Research Highlights section has been reorganized and expanded to spotlight such center research themes as information security, technology and trust, and humanitarian response. The site has been averaging more than 2,400 requests for pages per week since the beginning of this academic year. This is an increase of 22% from last year's numbers. The url for our main site is: www.tuck.dartmouth.edu/digitalstrategies. The url
for Radio Tuck RSS feed is mba.tuck.dartmouth.edu/digital/RSS/radiotuck.xml.

This chart compares the number of distinct hosts served for the main CDS website, between this year and last year: