Information security is emerging as a critical issue in today’s business environment. In the past, financial institutions were the primary victims of security breaches, but it is becoming increasingly common for tech-savvy offenders to target any organization that stores data electronically—which leaves very few firms exempt. The privacyrights.org website details nearly 4,000 data breaches that have comprised over a half billion personal records since 2005. These breaches have resulted in significant financial and reputational damage for the organizations affected.

Interestingly, research indicates that most serious breaches have been linked to employees’ deliberate misuse of their organizations’ IT resources. Evidence suggests that employees routinely violate organizational IT security policies for a variety of reasons, including feelings of disgruntlement, perceived inequity toward their employer or simply because they want to expedite their work or increase their own productivity.

John D’Arcy, associate professor in the Department of Accounting and MIS, conducts research on the individual and organizational factors that contribute to insider security breaches. In a paper published in the journal Decision Sciences, D’Arcy reports on his study that assessed the comparative influences of formal vs. informal sanctions in deterring employees’ IT misuse in the workplace. The results suggest that informal sanctions - in the form of employees’ anticipated feelings of social and self-disapproval - have a stronger deterrent effect on IT misuse than do formal sanctions such as fines and punishment levied by the organization.

Continued on page 6
The academic year is off to a busy start! The entering freshman class has broken another enrollment and quality record, and the faculty and staff members of the department are busy at work helping the students learn. In this edition of the newsletter, you will find an introduction to our new faculty members and some information on their accomplishments. We are actively building capacity in the area of information security and data analytics in order to prepare students for careers in industry, public accounting, and consulting.

On the pages that follow, you will find some interesting articles on conferences that the department has co-hosted as well as some of the notable contributions of the faculty. These efforts ensure that UD Accounting & MIS graduates receive the education they need to stand out from the crowd.

Thank you for supporting the department and the many eager young minds we are teaching and mentoring. Have a safe and happy new year.

Scott Jones
Kathryn Berkow
ASSISTANT PROFESSOR, ACCOUNTING & MIS
Ph.D. Stony Brook University

In addition to undergraduate degrees from the University of Delaware, Kathryn Berkow holds a Ph.D. in applied mathematics and statistics from Stony Brook University.

She returns to the University from a career in financial services analytics, most recently at Morgan Stanley in New York. Kathryn specialized in generating and presenting equity market microstructure research to large institutional clients. In addition to designing and implementing a new course for undergraduate business majors in analytical decision making, her research will continue to focus on statistical modeling of equity markets.

Amanda Convery
ASSISTANT PROFESSOR, ACCOUNTING & MIS
Ph.D. University of Wisconsin-Madison

Amanda Convery holds a Ph.D. in business administration from the University of Wisconsin - Madison, with a specialization in accounting. Her research interests focus on accounting and corporate governance issues and her papers have been presented at the American Accounting Association Financial Reporting Section and Auditing Section Mid-Year Meetings.

Her teaching interests include financial accounting, auditing and managerial accounting. Since 2007, Amanda has taught a combination of these courses as an instructor at Temple University and as a doctoral student instructor at the University of Wisconsin – Madison, where she won the Douglas Clarke Memorial Teaching Award in 2014. Prior to joining academia, she was employed as a lead financial analyst for the Federal Reserve Bank of Philadelphia and as an auditor for Goldberg Rosenthal, LLP.

Xiao Fang
ASSOCIATE PROFESSOR AND JP MORGAN CHASE FELLOW, ACCOUNTING & MIS
Ph.D. University of Arizona

Xiao Fang is also affiliated with UD’s Institute for Financial Services Analytics, Department of Electrical and Computer Engineering and Department of Computer and Information Systems. Xiao received his Ph.D. in management information systems from the University of Arizona.

Before joining the Lerner College, he was an associate professor and David Eccles Emerging Scholar at the David Eccles School of Business, University of Utah. Xiao studies data-driven business analytics with research methods and tools drawn from reference disciplines including management science (e.g., optimization) and computer science (e.g., data mining and machine learning).

He has been published in both business and computer science journals. He currently serves as an associate editor of Decision Sciences journal and has co-chaired several conferences, including Utah Winter Conference on Business Intelligence and China Summer Workshop on Information Management.

Gang Wang
ASSISTANT PROFESSOR, ACCOUNTING & MIS
Ph.D. University of Connecticut

Gang Wang holds a Ph.D. in operations and management information systems from the University of Connecticut. His research focuses on social media and marketing, firm strategies in e-markets and business analytics. His research has appeared in peer-reviewed journals such as ACM Transactions on Management Information Systems (TMIS), and a variety of conferences, such as ICIS and WITS. His teaching interests include business information systems, business software development and business analytics.

Andrea Menini
ASSOCIATE PROFESSOR OF ACCOUNTING AT THE UNIVERSITY OF PADUA IN THE DEPARTMENT OF ECONOMICS AND MANAGEMENT (DSEA)

Andrea Menini joined the Department of Accounting and MIS as a visiting scholar from August through December 2015 to expand his research and academic network through co-authorships and dynamic participation in research activities with colleagues overseas.

His research mainly examines the role of corporate disclosures, accounting transparency in capital markets and the role of governance in nonprofit organizations. His research has been published in journals such as Review of Accounting Studies, European Journal of Finance and Nonprofit Management and Leadership.

Born in Verona, Andrea earned his master degree in statistics and his doctoral degree in economics and management at University of Padua.
Discerning the dangers of telecommuting: Parallel perceptions of IT misuse and security

Dr. John D’Arcy of the University of Delaware’s Alfred Lerner College of Business & Economics, chair of the IFIP Information Systems Security working group, said “There are some really innovative, creative research projects being presented here, some lively discussion about security threats and the things that organizations, companies and nations can do to ameliorate these threats.”

Merrill Warkentin, professor of information systems at Mississippi State University, founder of the workshop and chair of its associated Department of Accounting and MIS, said the 20th annual workshop, which focused on insider threats to security, “is one of the most productive in its history.”

The workshop welcomed a record number of 45 prominent information systems researchers from numerous universities in the U.S., Korea, South Africa and Finland. 18 papers were presented in a collaborative, feedback-heavy setting over the course of the two-day workshop, which focused on insider threats to security.

The workshop featured two keynote addresses. Dr. John D’Arcy also chaired the seventh annual DeWald Roode Information Systems Security Workshop, hosted this October by the Department of Accounting and MIS.

The study also revealed that employees who work more days outside the office, such as telecommuters, are more likely to misuse their organization’s IT resources.

The takeaway for organizations is that in addition to technical measures such as monitoring and access controls, internal characteristics of the employee and contextual aspects of the job should be considered in designing effective IT security management programs. Security policies and education programs should emphasize both the formal and informal costs of engaging in IT misuse to achieve their maximum effectiveness; security awareness programs should also include a module on moral responsibilities for when an employee is faced with IT misuse opportunities. Organizations should also implement mechanisms that reduce the perceived psychological separation that can be associated with telecommuting and other forms of virtual work, even for work conducted at dispersed locations.

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D’Arcy said that this year’s workshop was a success and contributed to the working group’s mission of “boldly advancing the research discipline of information systems security.” For more on Dr. D’Arcy and his research, please click here or contact him at jdarcy@udel.edu.
Asli Basoglu

PUBLICATIONS

“Soon or Later: Effect of Time Horizon on Travel Decisions” - Journal of Travel & Tourism Marketing, forthcoming


“Reliability Generalization of Perceived Ease of Use, Perceived Usefulness, and Behavioral Intentions” - MIS Quarterly, 2014

EDITORIAL BOARDS

Associate Editor for the International Conference in Information Systems Track: IT Implementation, Adoption, and Use

Nerissa C. Brown

PUBLICATIONS

“Mobile Communication and Local Information Flow: Evidence from Distracted Driving Laws” - Journal of Accounting Research

“The Quality of Street Cash Flow from Operations” - Review of Accounting Studies, 2014


“The Effect of Internal Control and Risk Management Regulation on Earnings Quality: Evidence from Germany” - Journal of Accounting and Public Policy, 2014

HONORS AND AWARDS

Nominee - J. Michael and Mary Ann Cook Prize for Teaching Excellence

HIGHLY CITED PAPER - Thomson Reuters Web of Science

Top 25 Most Cited Articles in 2014, Journal of Accounting Research

Top 25 Most Downloaded Article (#5), January/February 2014, Journal of Accounting and Public Policy

INVITED TALKS AND PANELS

Invited Workshop: Columbia University

Invited Workshop: Baruch College - CUNY

Invited Discussant: Conference on Investor Protection, Corporate Governance and Fraud Prevention, George Mason University

MEDIA COVERAGE


Westfall, C., “Robocop May Soon Listen to What You are Saying.” FEI Daily, August 15, 2014

“Lie Detector” Pinpoints Accounting Fraud.” UD Messenger, December 2014


Jinwei Cao and Asli Basoglu

PUBLICATIONS


John D’Arcy

PUBLICATIONS


“Reflecting on the ‘Dark Side’ of Information Technology Use” - Communications of the Association for Information Systems, 2014


John D’Arcy and Asli Basoglu

PRESENTATION

“IT Security Effectiveness: Influence of Breach Type and Public Attention.” INFORMS Annual Meeting

Araya Debessay

PROFESSIONAL BOARDS

Delaware State Board of Pension Trustees - Audit Committee

Nerissa C. Brown

Top 25 Most Cited Articles in 2014 - Journal of Accounting Research

Debra Dragone

HONORS AND AWARDS

Student Choice - Excellence in Undergraduate Teaching Award

PROFESSIONAL BOARDS

St. Paul’s Cathedral Trust of America - Treasurer

Andrea Everard

PUBLICATIONS

“Foundations of Information Systems Course Content: A Comparison of Assigned Value by Faculty, Recruiters and Students” - Communications of the Association for Information Systems

“A Case for Student Adoption of Open Textbooks” - Journal of the Academy of Business Education, 2014

Xiao Fang

EDITORIAL BOARDS

Associate Editor, Decision Sciences

CONFERENCE CHAIR/CO-CHAIR

Utah Winter Conference on Business Intelligence

China Summer Workshop on Information Management

HONORS AND AWARDS

JPMorgan Chase Fellow

INVITED TALKS AND PANELS

Panel presentation: China Summer Workshop on Information Management

Invited talk: Alfred Lerner College of Business and Economics, University of Delaware

Guido Geerts

PUBLICATIONS


Brian Greenstein and Beth Vermeer

PUBLICATIONS


Edward Hartono, Ellen Monk and Mark Serva

PUBLICATIONS

“Rethinking the Introduction to Computing Class: Follow-up and Reporting Results from a Blended Learning Model” - AIS Educator Association 17th Annual Conference

Jennifer R. Joe

PUBLICATIONS

Comments of the Standards Committee of the auditing section of the American Accounting Association on PCAOB Staff Consultation paper “Auditing Accounting Estimates and Fair Value Measurements - Current Issues in Auditing”

Comments of the Auditing Standards Committee of the auditing section of the American Accounting Association on PCAOB Staff Consultation paper “The Auditors’ Use of the Work of Specialists - Current Issues in Auditing”

OTHER NEWS

Co-Chair: American Accounting Association Response to PCAOB Staff Consultation Paper

INVITED TALKS AND PANELS

Panelist: AAA Annual Meeting

Panel Leader: AAA Audit Section Doctoral Student Consortium

Committee Member; Notable and Distinguished Contributions to Accounting Literature Award Screening Committee

“How Management’s Expressions of Confidence Influence Auditors’ Testing” with Sanaz Aghazadeh. Presented at Villanova University

Greg Kane and Uma Velury

PUBLICATIONS

“The Impact of Recession on the Value-Relevance of Fundamental Signals Used by Analysts” - Australian Accounting Review

Ellen Monk

PUBLICATIONS

Problem Solving Cases in Microsoft Access and Excel (13th Ed.)

Robert L. Paretta

PUBLICATIONS

“The Misconceptions and Obstacles of Practice Mobility” - Pennsylvania CPA Journal

PROFESSIONAL BOARDS

Delaware State Board of Accountancy – Secretary, 2014

Delaware State Board of Pension Trustees - Audit Committee

continued on next page
Chairman Doty presented an address on current issues in auditing and audit regulations, followed by a question and answer session. Prior to the event, Chairman Doty participated in a breakfast with 10 selected accounting students. During his address, Doty discussed the ways in which auditing can be used as more than a compliance function and regulatory obligation. Utilizing the audit as a strategic resource to make smart investment decisions, he said, could yield positive results and help businesses to build much-needed, long-term capital.

“The audit is critical to establishing the investor trust necessary to expand capital formation for long-term initiatives,” Doty said. “I see it as fundamental to investor confidence and the reliability of financial information.”

CO-SPONSORED EVENTS:

John L. Weinberg Center for Corporate Governance and the Department of Accounting & MIS

Address by
James R. Doty, Chairman, Public Company Accounting Oversight Board (PCAOB)

October 8, 2014

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The Auditor of the Future

May 5, 2015

A dynamic and global economy is reshaping markets and pushing industries, professions and companies to reexamine how they operate. Public company auditors are no exception. New threats to cybersecurity and opportunities presented by the emergence of data analytics raise the question of whether auditors should be asked to provide assurance/opine to the audit committee and board on more than financials. How far will the auditor’s responsibility go, and at what point do auditors need new skills to provide this assurance? To what extent will the audit committee and board be able to rely on assurances beyond the traditional area of auditors’ expertise?

These questions were addressed by a distinguished panel of leaders in auditing from government, industry and the accounting profession.
A few years ago we began examining data for all testing events (1st time attempts and repeated attempts) to see how our graduates performed. We utilized the NASBA reports of actual CPA Exam results by institution in 2014 (the most recently published report) to compare the results of our graduates against the national average and against candidates from our top competitor schools for graduate placement in the Mid-Atlantic region. Below are the results:

<table>
<thead>
<tr>
<th>Section</th>
<th>University of Delaware</th>
<th>National average</th>
<th>Average of peer institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Financial Accounting &amp; Reporting</td>
<td>53</td>
<td>46</td>
<td>46</td>
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<tr>
<td>Regulation</td>
<td>54</td>
<td>48</td>
<td>46</td>
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<tr>
<td>Auditing</td>
<td>52</td>
<td>46</td>
<td>51</td>
</tr>
<tr>
<td>Business Environment &amp; Concepts</td>
<td>75</td>
<td>56</td>
<td>51</td>
</tr>
</tbody>
</table>

The average pass rate for UD first-time test takers on all four sections is 63.3%
2015 Department of Accounting and MIS Awards Banquet

Faculty Awards

Faculty Excellence in Research Award
**John D’Arcy**
John is a recognized expert in computer security and is frequently invited as a guest speaker on the subject. In 2014 he published 4 articles in highly regarded journals in his field, with two more publications in 2015.

Lester W. Chadwick Faculty Excellence in Teaching Award
**Edward Hartono**
Edward is a very highly regarded teacher, and this past year received a UD Transformation Grant, which was used to transform MISY 160 into a hybrid course to improve the efficiency of course delivery.

William Markell Faculty Excellence in Service Award
**John Wragge**
John is department associate chair and you can count on him to complete any task with enthusiasm and excellence. He is honors advisor, member of the Graduate Oversight Committee, Honors Day Selection Committee, MBA Committee and College Graduate Committee, and he coordinates Assessment of Learning (AOL) process in the department.

Sponsoring Firms Awards

**Master of Science in Accounting**
Graduate Excellence in Academics Award
**Xiaobing Wang**
Master of Science in Information Systems & Technology Management
Graduate Excellence in Academics Award
**Yusuf Sheikh**
The Department of Accounting & Management Information Systems Outstanding Graduate Assistant Award
**Emmanuel Quansah**
Management Information Systems
Junior Excellence in Academics Award
**Hayley S. Altman**
Management Information Systems
Sophomore Excellence in Academics Award
**Nina M. Mallis**
Accounting Junior Excellence in Academics Award Sponsored by Delaware Society of Certified Public Accountants
**Dylan J. Miller**
Accounting Sophomore Excellence in Academics Award - Sponsored by Delaware Society of Certified Public Accountants
**Michael T. Lino**

Outstanding Accomplishment Award
for high achievement in academics
**Cathleen M. McCarthy**

Girard S. Clothier Memorial Scholarship Award
**Shelby M. Switzer**
This scholarship was given by Phillies Charities in memory of 1967 UD accounting graduate Girard Clothier. Mr. Clothier was a veteran of the U.S. Navy and worked for PwC before joining the Phillies Organization, where he served as senior vice president for business and finance.

Case Competition Winners

KPMG International Case Competition (KICC)
**Phillip Flesch, Dave Sang, William Cobb, Matthew Rojas**
PwC Challenge Tax Case Competition
**Phillip Flesch, Jacob Reynolds, Matthew Sobel, Matthew Rojas**

ALUMNA OF THE YEAR AWARD
**JUDITH SWITZER JENKINS, ACCOUNTING ‘62**
At the time Jenkins graduated, women accounting majors were very rare and sometimes she was the only woman in the class. After graduation, she worked for a number of companies as an accountant and financial consultant. In 1972 she started her own accounting firm in Massachusetts, specializing in accounting and assurance services for government contractors. She was a prominent mentor at Harvard and MIT for women starting businesses. Jenkins encountered personal obstacles to success, which led her to create the Judith Switzer Jenkins Scholarship to support current women accounting students who are surmounting their own challenges with ability, strength and determination.

Over 300 people attended the Awards Banquet at Clayton Hall including faculty, representatives from firms, students, family and friends.
In addition to teaching auditing and financial reporting in the undergraduate and graduate curriculum, Knechel serves as the Director of the International Center for Research in Accounting and Auditing at the Fisher School. He travels extensively throughout the world increasing the global visibility of the ICRAA and the Fisher School, where he has served as a professor since 1981. He holds formal teaching positions at Maastricht University in The Netherlands and the University of Auckland in New Zealand.

Knechel has published more than 50 research articles in numerous academic journals including the Journal of Accounting Research, The Accounting Review, Accounting Organizations and Society, Contemporary Accounting Research, Decisions Sciences Journal, Accounting Horizons and Issues in Accounting Education.

Knechel is a frequent visitor to the UD campus and a generous contributor to the Department of Accounting and MIS.