

# SECURE PURDUE NEWS

All the news that's secure to print.



Lock or turn off your computer when you are away from it.

It is extremely easy for someone to view personal information from a computer that has been left running and logged-in, even for a minute or two.

The safest course is to turn off the computer every time you leave it. Sometimes, however, that can be impractical. Here are a few tips for keeping your data safe when you step away.

1) Use a strong password.

2) On Windows PCs, press the windows key and 'L' to instantly lock your screen without logging out.

On Macs, use the screensaver "hot corners" feature to put your Mac into screensaver mode without delay.

3) Keep your computer physically safe by leaving it in a secure location.

## ESI: U.S. colleges expose 2.6 million records

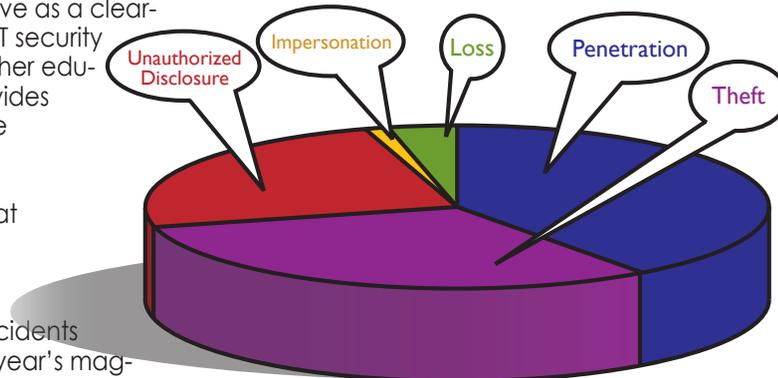
The Educational Security Incidents (ESI) "Year in Review" for 2006 reports that 83 separate information security incidents occurred at 65 different colleges and universities, potentially exposing a total of 2,683,059 records. According to ESI's 2006 report, Purdue had two incidents, both involving penetration.

• **Impersonation:** Incidents involving individuals masquerading as other individuals or organizations

In April 2006, Purdue notified 1,351 current and former graduate students, graduate applicants, and a small number of

The ESI compiles security statistics from news media reports to serve as a clearinghouse for data about IT security incidents occurring at higher education institutions. ESI provides a single point of reference for educational faculty and staff researching the various security threats that colleges and universities face.

Educational Security Incidents at U.S. Colleges



ESI categorizes security incidents as follows, in order of this year's magnitude:

- **Penetration:** Incidents involving the breach of computer software, a computer system, or a computer network
- **Theft:** Incidents involving the theft of physical mediums such as drives, equipment, or printouts
- **Unauthorized disclosure:** Incidents involving the release of information to unknown and/or unauthorized individuals
- **Loss:** Involves the loss of physical items such as drives, equipment, or printouts

undergraduates that a recent computer breach could have exposed personal information. In September 2006, Purdue notified 2,500 alumni that their personal information may have been accessed by an unauthorized individual who installed remote access software on a departmental computer.

The statistics compiled by ESI illustrate that colleges and universities hold large amounts of personal information that are threatened even by relatively few security breach incidents. In 2006, the average security breach exposed over

32,000 records.

Purdue continues to take appropriate steps to protect personal information entrusted to the University.

For more information about privacy and security, visit the SecurePurdue Web site at [www.purdue.edu/SecurePurdue](http://www.purdue.edu/SecurePurdue).

## Spotlight :

### Identity and Access Management Office

Purdue chartered the Identity and Access Management Office (IAMO) in 2005 with a mission to provide a consistent, University-wide means of identifying Purdue University constituents. This centralized identification process allows the University to grant access to computing resources while ensuring individual privacy.

IAMO merged with IT Security and Privacy (ITSP) because

See IAMO, page 2

## FROM the CISO

By Scott Ksander,  
Executive Director,  
IT Networks & Security

First, I would like to thank all of you who sent notes regarding my new job as executive director of IT Networks & Security. I appreciate every one of them. It is my genuine honor to serve the students, faculty, and staff of Purdue. Some of the notes were very inspirational and will help feed my already significant

See CISO, page 2

## IAMO, from page 1

the objectives of the two organizations complement each other. The two organizations operate under IT Networks & Security, but each manages its own budget. IAMO oversees the Purdue University Identifier (PUID), provides vision and leadership in bringing identity and access management solutions and services to the Purdue University system, and works with policies, procedures, guidelines, and technologies that are used to identify, authenticate, and authorize users of Purdue IT resources.

The purpose of IAMO is to provide a central authority to issue logon credentials for staff, faculty, and others who use Purdue's resources to allow access to selected resources they need. This is a very important foundational IT function: knowing who is using the resources and providing access to the resources needed.

Robert Stanfield is the director of IAMO and supervises a staff of eight, with one employee on loan to OnePurdue.

## CISO, from page 1



passion for the job.

My request to you this month is to add a passion for

information security to the passion we all share for our jobs at Purdue. We have to truly believe that "security" is not just a way to say "No" or a mechanism to stop things. Security must be the tool that enables information technology to be used safely and effectively. It is a part of every job that deals with "information" (both technology and data). One of my priorities will be to help you feed your security passion with additional tools, educational opportunities, and new procedures and policies.

I believe two of our most important near-term priorities are to protect our data as it moves—which is when it may be at the greatest risk—and to establish clear, understandable policies and procedures that we can use to measure our efforts.

"IAMO is the central office that supports both units internal to ITaP as well as academic and business units," Stanfield said. "Most people in the Purdue community use multiple accounts on a variety of IT systems to access the resources necessary for them to do their jobs. IAMO manages access to these accounts and continues to work to simplify the process of identification and access to resources for everyone at Purdue."

For example, in the not-too-distant past, it was necessary to use different credentials to log in to connect to various applications. IAMO has done much to simplify this process by coordinating these applications to all use the Purdue Career Account login.

"OnePurdue staff recognized the need for a single logon credential to access

data, so we have adopted use of the Purdue Career Account to manage that process," Stanfield said.

With the OnePurdue first phase implementation completed, staff use their Purdue Career Account to access Supplier Relationship Management (SRM), the new Ariba replacement to approve or place orders.

Another area IAMO is currently investigating is two-factor authentication, which allows access to electronic resources using a key-like device, or "two-factor token."

For more information about identity and access management or IAMO, visit the SecurePurdue Web site at [www.purdue.edu/SecurePurdue](http://www.purdue.edu/SecurePurdue).

Coming soon to Secure Purdue News:

## ITaP Networks and Telecommunications

The Security and Privacy group (formerly ITSP) and the Networks group recently combined forces to become IT Networks and Security (ITNS), headed by the new executive director, Scott Ksander.

The new group is charged with the task of providing secure network connectivity and telecommunications throughout campus and promoting and supporting the use of security-minded processes, procedures, and system implementation.

Beginning in May, Secure Purdue News will include relevant items from the areas of networking and telecommunications to augment our usual security content.

The combination of IT Networks and Security is a natural step to help maximize the protection of our data that is in motion. We will be establishing a special emphasis on policies, procedures, and compliance and making organizational changes to ensure that we work as one heartbeat to address this objective.

I hope you will continue to send me your thoughts, suggestions, and even

criticisms. Most importantly, I hope you will join us in our passion for our mission to establish safe and effective information technology networks for Purdue.

Thanks for helping spread the word, and be careful out there!