

*Winner of the 2000 Wayne K. Snipes Award – Best ISACA Chapter in the USA and the World
Winner of the 1999 Newsletter Contest – Best Newsletter for Large Chapters in North America & Worldwide
Winner of the 2000 Newsletter Contest – Best Newsletter for Large Chapters in North America
Winner of the Outstanding Web Site Award – 2003 Gold Level; 2001 and 2002 Silver Level*

**PRESIDENT'S
MESSAGE**



**Lisa Corpuz
President**

Reflections of 2004

How time flies - 2004 is almost over and before you know it, 2005 will be here! The year 2005 will be the 40th anniversary of the San Francisco Chapter! It will be a year to celebrate!

But before we discuss 2005, I want to first acknowledge the wonderful events that were accomplished during 2004.

One of the most recent events was the Fall Conference which was held at the Palace Hotel from October 4th -6th. We had over 150 participants, including attendees, sponsors, speakers, and vendors. So far this has been the largest number in attendance! The Fall Conference was a very successful event and it could not have happened without the efforts of the following individuals:

- Fall Conference committee co-chairs: Mike Villegas and Todd Weinman provided the leadership and guidance throughout the entire event.
- Fall Conference committee members: Bob Grill, Dave McCandless, Conny Cheng, Tim Stapleton, Colin Lau, Mike Nelson, and Kevin Fried all who played key roles in the success of this event.
- Sponsors: Deloitte, Ernst & Young, KPMG, PriceWaterhouseCoopers, Qualys, Lander International, and Valacon for their support and contributions for the Fall Conference.
- All the many volunteers, officers, and Board who provided a helping hand throughout the entire event.

In addition to the 2004 Fall Conference, let's not forget the other activities that were accomplished in 2004 as part of our commitment to our member:

- The monthly luncheon seminars and full day seminars held throughout the year.
- Implementation of the on-line payment system.
- Our first successfully sponsored Best Paper Contest for Professionals and Students.
- The CISA review course which resulted in a successful high rate of passers.
- Various social/networking events were held such as the Membership events and Appreciation awards event.

Our events have been successful in reaching out to the members, but most importantly, we have been able to meet the needs of non-members, many who have joined as ISACA members as a result of attending our events. In addition, we have also been successful in recruiting volunteers to help with our committees. Welcome to our new members and thank you to those who have signed up as a committee volunteer. Much thanks goes to the Executive Officers, Board of Directors and Committee Chairs and committee members, all who have worked very hard on the success of the past year activities and events.

As we move into 2005, we will continue to provide the chapter with the high quality of events and activities as we have done in the past. For instance, we will be offering both a CISA and CISM review course this year and our Best Paper Contest will be offered again

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PRESIDENT'S MESSAGE – continued

this year to both professionals and students. We've also added a new scholarship program in which we will be offering a scholarship to student currently attending a college or university. These events plus much more can be found in the upcoming event calendar both in this newsletter and on our Web site, www.sfisaca.org.

As chapter members, your thoughts and ideas are always welcomed. If you have any suggestions on how we can improve or any comments on other type of events that you would like to see happen within the chapter, please feel free to contact any one of the chapter officers or board members.

We wish you and your family a happy and safe holiday season! See you in 2005!

CALENDAR OF UPCOMING EVENTS

Date	Event	Place	More information
December 16, 2004	White Box Code Review Recognition of newly CISA certified members	The Palace Hotel, San Francisco	Details at www.sfisaca.org
January, 2005	AS/400 – Full Day	TBD	Details at www.sfisaca.org
February, 2005	Tool Pros and Cons	TBD	Details at www.sfisaca.org
March, 2005	Joint luncheon with BRMA – Business Resumption Planning – Full Day	TBD	Details at www.sfisaca.org
April, 2005	Audit of SAP	TBD	Details at www.sfisaca.org
May, 2005	Audit of Messaging Middleware	TBD	Details at www.sfisaca.org
June, 2005	Awards and Appreciation Event	TBD	Details at www.sfisaca.org

EDUCATION COMMITTEE UPDATE

By Bob Grill
Education Committee Co-Chair

The Education Committee is organized to deliver the topics identified by you, the chapter membership.

The educational events are typically scheduled on the 3rd Wednesday of each month at the Palace Hotel in downtown San Francisco.

For those of you wondering how to become more involved with the chapter, please consider the Education Committee. We meet monthly by conference call.

Contact Bob Grill or Jimmy Yip if you are interested in becoming a member of the Education Committee.

2004 SAN FRANCISCO ISACA FALL CONFERENCE RECAP

By

Miguel (Mike) O. Villegas, CISA, CISSP
SF ISACA Fall Conference Co-Chair

Todd Weinman, CES
SF ISACA Fall Conference Co-Chair

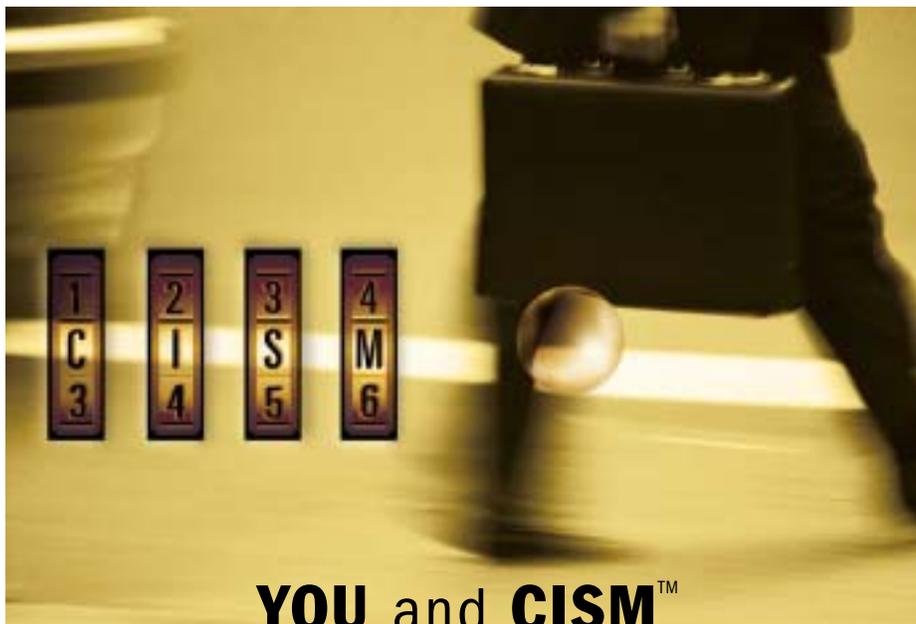
The 2004 San Francisco ISACA Fall Conference held on October 4-6 was an outstanding success! This year we had an attendance of approximately 120 paid registrants, 32 instructors, and 22 exhibit booths with an average of 2 exhibitor's per booth. We also had sponsors that were very generous with their donations, time, and money to provide participants a complete conference offering. When you consider the conference committee, ISACA board members, students, and proctors, we had a great turnout! And, frankly, we owe it all to you. We want to thank you for your participation and support, and based on the speaker evaluations turned in, we understand that the value and quality of the instruction was also a great hit!

I personally would like to thank all those on the conference committee, the Board, and all those that worked behind the scenes. It is hard work to put a conference together of this caliber. We could not have pulled it off without everyone's assistance.

You also expressed last year a desire to extend the Exhibitor's Fair a bit more to provide ample time to meet the exhibit booths. We did and all were especially pleased with the exhibitor give-aways!

The last and probably more important fact is the quality of training. The 2004 Fall Conference had four tracks with sessions running from introductory to advanced security and audit training. From Victor Nichols, CIO for Wells Fargo as the keynote, two luncheon speakers, and each instructor in the break out sessions were all exceptional. All the instructors and exhibitors asked to return next year, so those who were not able to attend may do so in 2005.

The 2005 SF ISACA Fall Conference will highlight the 30th anniversary of the San Francisco Chapter of ISACA. We will begin planning for the 2005 Fall Conference in January. We welcome your assistance. Thanks again!



YOU and CISM™

a WINNING COMBINATION

If you are interested in CISM, visit the ISACA web site at www.isaca.org/cism, and find out how to be a part of a winning combination.

Some combinations are just natural winners. Like the combination of your security management experience and ISACA's new information security certification, CISM™.

CISM (Certified Information Security Manager™) is a groundbreaking credential specifically designed for information security managers. It is intended for those who must maintain a big-picture outlook by directing, crafting and overseeing an organization's information security.

This new credential is brought to you by Information Systems Audit and Control Association®, the organization that has administered the world's most prestigious IS audit credential for 25 years.

A "grandfathering" process is open to qualified individuals for a limited time.



ISACA SF CHAPTER 2004 FALL CONFERENCE – AN ATTENDEE’S PERSPECTIVE

By

Douglas Feil, CISA, CISM, CDRP, CFE

The San Francisco Chapter of the Information Systems Audit & Control Association held their 4th Annual Fall Conference from October 4 to 6, 2004. Again this conference was held at the venerable Palace Hotel in the San Francisco Financial District. Although there was a hotel workers strike still going on from last week, it had no visible impact on our conference.

As with the past conference, the sessions and administrative activities were on the second floor atrium level – as nice a place as you would want to have a conference. With practically the whole area for our conference, it was the best setting to meet and greet our professional colleagues. The breakfast buffet was first class and the seating areas were comfortable. What a grand opportunity to rekindle old friendships and make new acquaintances with my fellow professionals.

As with times past, the conference began right on time with the Keynote Speaker Victor Nichols, Chief Information Officer, Wells Fargo Services, setting the stage for the various topics to be addressed in the forty sessions to follow. As head of the Technology Information Group, Victor is responsible for the core technology activities of the company. He has more than twenty-five years of experience in the finance industry and information technology. A polished speaker with a good future sense of IT, Victor spoke of the many challenges and opportunities coming into play daily for the information technology professional. Looking over the focused audience, I found this to be a good opportunity to see all the many new faces that are now part of our growing profession. Quickly, I realized that all of the chapter officers were present, as were many of the past chapter presidents, directors, and officers – a good show of support.

Off to the sessions. There were four different tracks to choose from with the opportunity to switch between tracks. The variety of sessions was commendable, and the accomplished speakers were professionals in their topics. Looking forward to the future myself, I chose to attend the Emerging Technologies track for this conference. There was good interaction between the speakers and the audience - and there were many good questions that came up in the sessions for this track. Without going into detail on each individual, I found all of the speakers to be excellent in their presentations, with a thorough understanding and sincere

interest in their session topics. Each session was hosted by a chapter proctor with responsibility to introduce the speaker, make conference announcements, and retrieve the speaker evaluations. These session proctors, many of whom were students from the local universities, did an excellent job of introducing the speakers, assuring that all attendee needs were met, and distributing handouts. The handouts were great, and in addition, the chapter provided an excellent CD with all of the sessions for each track of the conference!

The first day featured an Exhibition Fair and Exhibitors Lunch. This format allowed the attendees to visit with key vendors serving the IS Audit and Security fields, enjoy a great buffet lunch, and have the opportunity to win a variety of fabulous giveaways. A special note here – we were very fortunate to have the best sponsors for our conference. The major sponsors hosted the networking breaks, and two of our sponsors – Pricewaterhouse Coopers and Foundstone, each sponsored a luncheon and speaker. Best of all, the SF ISACA Chapter sponsored a Hospitality Suite on Tuesday evening – this was an excellent opportunity for more networking, catching up on chapter news, and enjoying great beverages and fine food, as only the Palace can do. The big surprise for me was the number of attendees that missed this event.

Kudos to Mike Villegas and Todd Weinman for their great planning, superb coordination, and excellent execution. Also, congratulations to the many other officers, directors, and dedicated volunteers that made this conference such a success for everyone. I have been in charge in the past for these types of chapter activities, and I well understand the commitment required to make an event like this such a value-add for our chapter members. The entire chapter membership should be extremely proud of the success of this 4th Annual Fall Conference and the dedicated San Francisco Chapter Officers, Directors, and Members.

Do not forget to mark your calendars for the next fall conference, and better yet, volunteer and help your chapter and fellow professionals. The cost of the conference is money well spent, attendance supports the local chapter, and you will earn 21 hours of continuing Professional Education. It doesn't get much better than this. . . .

MITIGATING CORPORATE RISK THROUGH UNIVERSAL E-MAIL SECURITY

By
PGP Corporation

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Executive Summary

E-mail is today's most business-critical communication tool. Organizations are increasingly at risk of electronic information being attacked, stolen, falsified, or compromised. Corporate information is vulnerable when transmitted internally via e-mail, wireless, and instant messaging to desktops, laptops, and mobile devices. Vulnerability increases when information is transmitted externally to partners, suppliers, consultants, regulators, and customers.

Ubiquitous protection. Protecting information stored in internal servers is equally important. The Department of Trade and Industry's (DTI's) most recent "Information Security Breaches Survey" reports that 76% of U.K. businesses now believe they have sensitive or critical information stored in their IT systems. Yet few organizations take steps to proactively safeguard the integrity of information during electronic transmission or in storage.

Governance requirements. How electronic information is managed has also become a visible and regulated activity. There are now significant corporate risks involved in meeting the complex regulatory, corporate governance, legal, customer privacy, public relations, competitive, Wall Street, and international financial requirements for information security and privacy.

Identifying solutions. Creating, implementing, and enforcing corporate security policies governing secure e-mail has become critical to mitigating corporate risks. Nevertheless, only 27% of U.K. businesses currently spend more than 1% of their IT budgets on information security.¹ Many organizations simply have not grasped the steps needed to introduce a foolproof, enterprise-wide e-mail security framework. As Carla Arend, research analyst with IDC's European Security Products and Strategies, points out, "Europe needs to wake up to the fact that, while essential, antivirus and firewalling

alone won't get the job done."²

Universal security. E-mail security policy must be universally applied and universally enforced for enterprises to achieve tangible executive and corporate protections. Such a solution cannot be achieved by relying on individuals to know and follow security policy. It cannot succeed if it only extends to some internal users. It must extend policy to external users as well. It must put control of policy enforcement in the hands of the corporation, not individual users.

Information Proliferation – Expanding Security Risk

Corporations are awash in confidential, proprietary, private, and regulated information. Once kept in locked file drawers and sent via registered mail, information now sits on desktops, can be transmitted via e-mail, and is easily proliferated and not readily controlled. Today, data can be downloaded from spreadsheets and databases, transferred between applications or to local data marts, and rendered accessible to many people within an organization via data warehouses.³

The potential theft of proprietary and confidential information can not only damage an organization's brand and market share, it can be extremely costly as well. The American Society for Industrial Security reports that in a single year, companies studied experienced intellectual property losses of \$53-\$59 billion.⁴

Regulatory Compliance – Increasing Demand, Few Options

Securing corporate information has gone from being nearly impossible, to being required only for critical users, to being a regulatory and universal requirement. A recent survey by PricewaterhouseCoopers reports that 62% of security professionals expect to spend more on IT security this year. The top reason cited for this increase is "legal requirements."⁵

¹ "Information Security Breaches Survey 2002," http://www.dti.gov.uk/industries/information_security/downloads.html

² "Security software still going strong in Western Europe," 13 August, 2003, www.idc.com

³ Bloor, Robin, "Data protection: IT chief's growing burden," 19 August 2003: www.computerweekly.com

⁴ "Trends in Proprietary Information Loss," September 2002: <http://www.asisonline.org/newsroom/surveys/spi2.pdf>

⁵ Bradbury, Danny, "How to stay on the right side of the law," 28 October 2003: www.computerweekly.com

Since 2001, new laws have been introduced in the U.S. to ensure organizations pay attention to internal controls, including security. In July 2003, California introduced CA Senate Bill 1386, which stipulates that organizations must immediately notify residents if confidential information has been compromised because of a security breach on any computer system storing their data. This legislation promises to become extremely influential as European countries come under increasing pressure from the E.U. to introduce measures to penalize organizations that fail to store and transmit data safely.

Legislation such as the European Union Data Protection Directive mandates that E.U. members enact comprehensive privacy legislation requiring organizations to implement personal data policies. Nearly every European country now has a similar Data Protection Act to ensure that the free flow of information critical to the economy only takes place with an individual's permission. Although details of these laws may vary, they all specify that data held about individuals must be accurate, secure, processed for limited purposes, and in accordance with the data subject's rights. European business data is not yet protected to the same degree; however, this situation is expected to change rapidly.

Current Solutions – Limited Deployment, No Enforcement

The shortcomings of current enterprise secure-messaging solutions are numerous:

- Products are difficult to use, have been deployed only to critical users, and cannot be universally deployed
- Limited deployment limits use of digital signatures – a key component in authenticating users, messages, and documents
- Lacking a built-in mechanism to enforce security policy, these solutions rely on users to follow policy, making universal and uniform policy enforcement impossible
- Systems often allow the use of weak 40-bit (rather than 128-bit or greater)

encryption

- Each deployment is unique, resulting in systems that cannot interoperate and making intercompany security difficult
- Existing systems do not store internal e-mail securely, allowing IT administration to view corporate and executive e-mail in the clear
- Cross-certification of keys between domains becomes exponentially difficult for every partner that policy dictates requires secure messaging

Achieving universal information security also requires a number of steps, not all of which are possible using current solutions. These steps include the creation of an internal key infrastructure, universal deployment of desktop security solutions, universal enforcement of security policy on both senders and recipients, and the ability to interoperate with equivalent solutions used by external partners, suppliers, resellers, and customers.

Current solutions simply cannot achieve the next level of information security now required to meet business and legal requirements. Existing security policies are not the problem, nor are current investments in secure-messaging solutions and infrastructure. Simply put, current technology cannot be universally deployed or policies universally enforced with all internal and external users. This dilemma cannot be resolved as long as solutions reside on the desktop and rely on users to individually know, follow, and enforce the required policy.

A Next-Generation Security Solution

To achieve the level of corporate information security necessitated by these realities, a way must be found to universally enforce security policy all the time. A next-generation security infrastructure that achieves this objective must achieve the following level of universal security:

- Secure messaging for internal and external users
- Two-way policy enforcement
- Digital signatures for internal and

external users

- Secure message storage
- Corporate access to corporate information
- Consistent and continuous policy enforcement for all users
- Efficient and seamless retrieval of information

PGP Corporation's PGP Universal solution is changing how organizations think about messaging security: from protecting key users or data to protecting all information assets, wherever they reside. By shifting the burden of protecting critical information from users' desktops to the network, PGP Universal makes it possible to automatically and transparently provide end-to-end e-mail security.

PGP Universal is easy to deploy and administer, reducing administration time and logistical costs. It integrates with and expands the utility of existing public key infrastructure (PKI) deployments, creating a better return on investment (ROI). User behavior is no longer a factor because security happens automatically and transparently at the network level without user interaction. And because desktop users do not implement security, PGP Universal substantially reduces support costs.

PGP Universal is a compelling solution for business directors concerned about protecting confidential business assets, intellectual property, and sensitive customer and employee information. Today, PGP Universal is the only product on the market to provide a true, end-to-end secure-messaging solution for:

- Reducing corporate and executive risk
- Securing all information assets
- Avoiding falsified company communications
- Protecting intellectual property
- Securing communications with the outside world
- Ensuring customer and employee privacy
- Managing long-term security costs

2005 Best Paper contest

Do you have something on your mind? Do you have something to say? Well, now is the time. Our second annual Best Paper Contest is approaching. This contest is a call for papers from practitioners – one category for Professionals and one for Students. This is a great way for you to demonstrate your knowledge and share your ideas with other ISACA members. You can earn CPE credits, the respect of your peer community and cold hard cash! Look for more information at <http://sfisaca.org>, and good luck!

Buy a saver pass and save on training \$\$\$

We would like to encourage members and non-members to participate in all Chapter Events and Seminars. As a way of encouraging participation, we are offering discounted rates for the advanced purchase of multiple education sessions. Saver Passes can be purchased in lots of ten for \$300 and can be shared and are transferable. Please check our Web site for more details.

Refer a new member – receive a free gift

Take advantage of the Chapter's New Member Referral Program. Chapter members who refer an individual who joins ISACA-San Francisco Chapter will receive a free gift (gift will be delivered to the referring member after payment for the new membership has been received and processed by ISACA International). Don't miss an opportunity to help your colleagues keep abreast of developments in IS audit, security and control. Encourage your colleagues and friends to join ISACA today! For more information or to submit your referral to the New Member Referral Program, please send our Membership Committee Chairperson, William Davidson (wdauids@bart.gov), the name, address, phone number, and e-mail address for the individual being referred.

Your e-mail address

If you have not sent your current e-mail address to ISACA International, then please send your address to christina.cheng@safeway.com to ensure that you receive important information electronically. You may also access our Web site at www.sfisaca.org to update your contact information.

ISACA international

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CISA item writing program

In order to continue to offer an examination that measures a candidate's knowledge of current audit, security and control practices, new questions are regularly required for the CISA Examination. Questions are sought from experienced practitioners who can develop items that relate to the application of sound audit principles and practices. Continuing education hours and cash payments are offered as participating in the CISA Item Writing Program, please request information about the program from ISACA International, Certification Department (certification@isaca.org).

Contribute to this newsletter

To submit an article or to contribute other items of interest for inclusion in future newsletters, please contact our Communications Committee Chair, Mike Nelson at (925) 833-0286, or mnelson@securenet-technologies.com.

San Francisco ISACA events and conferences

San Francisco ISACA Events | December 16, 2004 | Luncheon Seminar
Auditing Websphere | Presenter to be announced | Register at <http://sfisaca.org/events/>



Learn about the San Francisco Chapter

Learn about the CISA certification

Learn about the CISM certification

Test your skills with our CISA sample test questions

Complete our member survey

Access information regarding ISACA international

Access information regarding our Student Chapters

Register for monthly meetings

Register for seminars

Access information regarding ISACA conferences

Register for the CISA review course

Access our Chapter newsletters and monthly bulletins

Update your membership information (address, phone, E-mail)

Access IS audit, control and security resources

Research employment opportunities

Join a Chapter committee

Learn how you can join ISACA – understand the benefits

Contact Chapter Officers and Directors

A dozen new volunteers raise their hands at the Fall Conference

The power of networks is not just a principle that could be illustrated by connecting servers and routers together to exchange information. Obviously, the power of a professional network could afford a person the potential to have several opportunities throughout our careers. As a volunteer, you could have the ability to leverage off years of experience with our Chapter to help navigate yourself through the IT Audit/IT Security environment. At this year's Fall Conference, twelve professionals realized the power of becoming involved in the chapter and volunteered to help in a variety of ways.

There are many volunteering opportunities with the SF ISACA Chapter, that allow access to fellow IT Audit/IT Security professionals, as well as companies and organizations across a wide range of industries. To name a few, some of these opportunities are:

- Monthly Educational Events
- Fall Conference
- CISA and CISM Review Courses
- Best Paper Contest

For more information about signing up to volunteer for these events, or to find out more information about other events please visit our Web site at: <http://www.sfisaca.org>. Or, contact Brian Alfaro, Volunteer Director at balfaro@deloitte.com.

CISA Certification

The CISA program is designed to assess and certify individuals in the IS audit, control and security profession who demonstrate exceptional skill and judgment. CISA has grown to be globally recognized and adopted worldwide as a symbol of achievement. The CISA certification has been earned by more than 35,000 professionals since inception. As Sarbanes-Oxley Act becomes effective in the United States, the value of CISA has increased dramatically due to the increasing demand for IS audit skills and knowledge in external audits, internal audits and IT governance. For more information on becoming a CISA, see www.isaca.org.

The CISA Exam

The CISA exam is one of the requirements to become a CISA. It is offered each year in June and consists of 200 multiple-choice questions, administered during a four-hour session in multiple locations (e.g. San Francisco and San Jose in the Bay Area). The purpose of the exam is to test a candidate's knowledge, evaluation and application of IS audit principles and practices and technical content areas. The San Francisco Chapter offers an 8-week CISA review course in downtown San Francisco starting April 9, 2005. For more information, go to www.sfisaca.org.

Dates for 2005 CISA Exam

- Early registration deadline: February 2, 2005
- Final registration deadline: March 30, 2005
- Exam date: June 11, 2005

Dates for 2005 CISA Review Course by the San Francisco Chapter

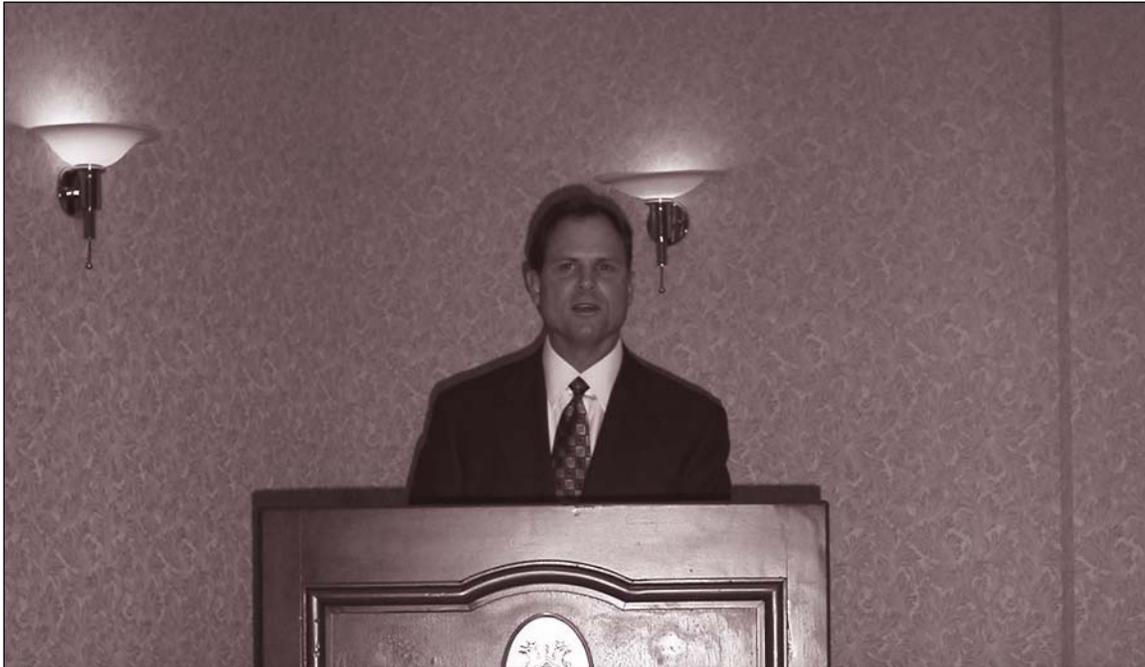
- Early registration deadline: February 9, 2005
- Final registration deadline: March 30, 2005
- Course Date: April 9, 2005 - June 4, 2005
- Course Location: TBD

CISA Coordination Committee

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FALL CONFERENCE



Keynote Speaker: Victor Nichols, Chief Information Officer, Wells Fargo Bank



San Francisco student chapter volunteers from left to right: Trinity Cai, Wendy Leung, Norma Rivera, Colin Lau

FALL CONFERENCE

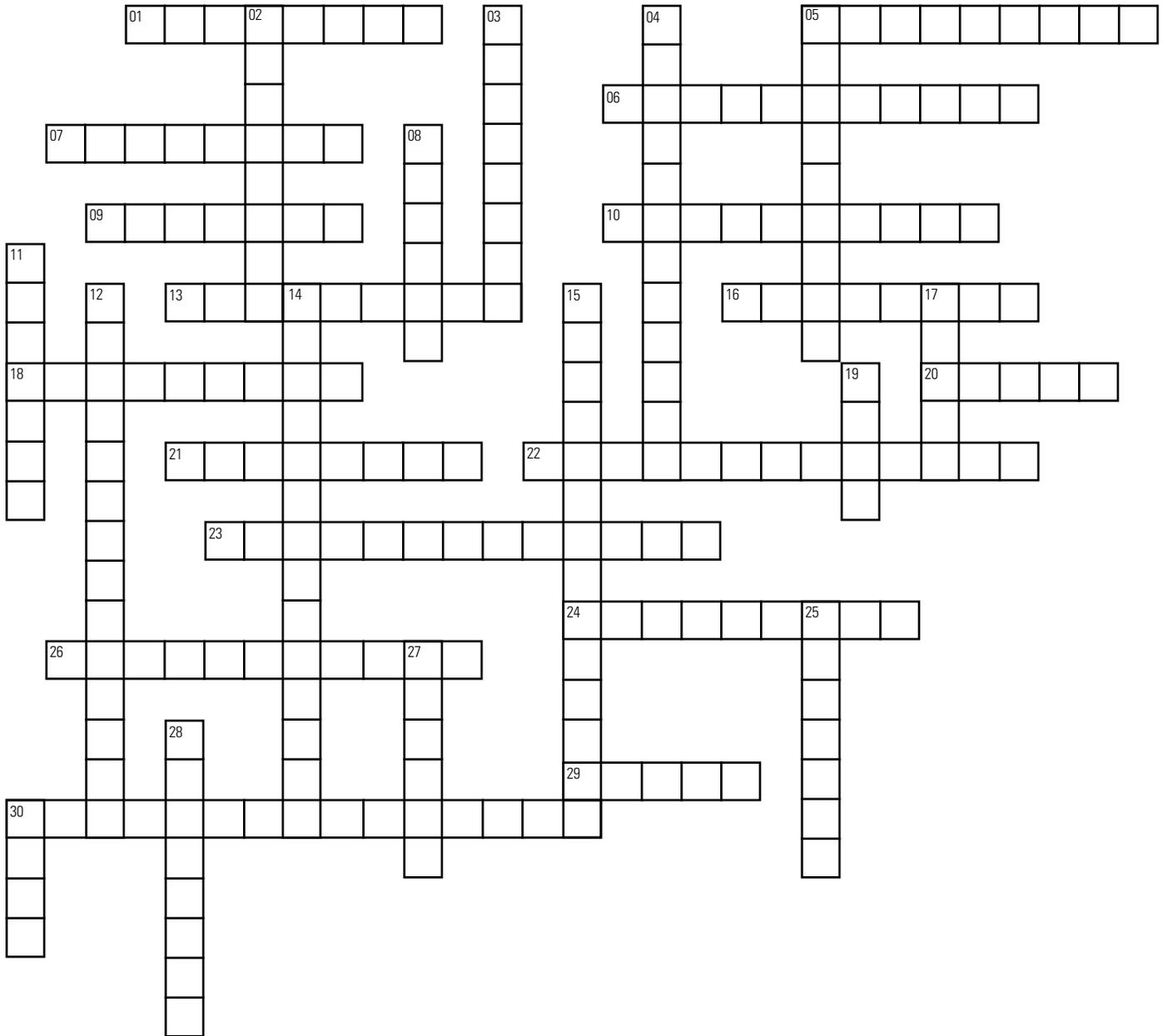


Current Board members from left to right: Lisa Corpuz, Heidi Yu, Todd Weinman, Colin Lau, Beverly Davis, Bob Grill, Christina Cheng, Mike Villegas, Mike Nelson



Wells Fargo Fall Conference attendees

CROSSWORD PUZZLE



Across

01. The extent to which a system unit – subroutine, program, module, component, subsystem – performs a single dedicated function.
05. Any intentional violation of the security policy of a system.
06. A system development technique that enables users and developers to reach agreement on system requirements.
07. Those policies and procedures implemented to achieve a related control objective.
09. To apply a variable, alternating current (AC) field for the purpose of demagnetizing magnetic recording media.
10. Information generated by an encryption algorithm to protect the plaintext.
13. Data that is not encrypted. Also known as plaintext.
16. A stored collection of related data needed by organizations and individuals to meet their information processing and retrieval requirements.
18. The range between the highest and lowest transmittable frequencies.
20. The international set of IT control objectives published by ITGI.
21. A device that forms a barrier between a secure and an open environment.
22. A weakness in system security procedures, system design, implementation or internal controls that could be exploited to violate system security.
23. The process of determining what types of activities are permitted.
24. A test that has been designed to evaluate the performance of a system.
26. The importance of an item of information with regard to its impact or effect on the functioning of the entity being audited.
29. A row or record consisting of a set of attribute value pairs (column or field) in a relational data structure.
30. The protection of sensitive information from unauthorized disclosure.

Down

02. The potential loss to an area due to the occurrence of an adverse event.
03. A popular network protocol and cabling scheme that uses a bus topology and CSMA/CD to prevent network failures or collisions.
04. Checks that data are entered correctly.
05. The accuracy and completeness of information as well as to its validity in accordance with business values and expectations.
08. To configure a computer or other network device to resist attacks.
11. The Committee on the Financial Aspects of Corporate Governance, set up in May 1991
12. The assurance that a party cannot later deny originating data.
14. The act of verifying the identity of a system entity and the entity's eligibility to access computerized information.
15. The ability to map a given activity or event back to the responsible party.
17. Eight-digit/seven-bit code representing 128 characters; used in most small computers.
19. A multiuser, multitasking operating system that is used widely as the master control program in workstations and especially servers.
25. Unusual or statistically rare.
27. Any situation or event that has the potential to harm a system.
28. The information an auditor gathers in the course of performing an IS audit.
30. A report on "Internal Control – An Integrated Framework" sponsored by the Committee of Sponsoring Organizations of the Treadway Commission in 1992.

ACADEMIC RELATIONS

By Colin Lau, Academic Relations Chair

The Academic Relations Committee had a smooth start this year. First, through the help of our past president Christina Cheng, we have established contact with a student, Neha Suri, at California State University at Hayward. Neha is enthusiastic about ISACA and we will work with her to identify opportunities to increase ISACA's visibility in her campus. Second, we are able to better partner with the student chapter at San Francisco State University. For the past few years, our chapter has a solid relationship with the SFSU student chapter.

This semester, although the student chapter started out a little late, the chapter leaders were able to ramp up the chapter in a short time. Thanks to Norma Rivera and Wendy Leung, to date, the chapter has already brought several events to its members.

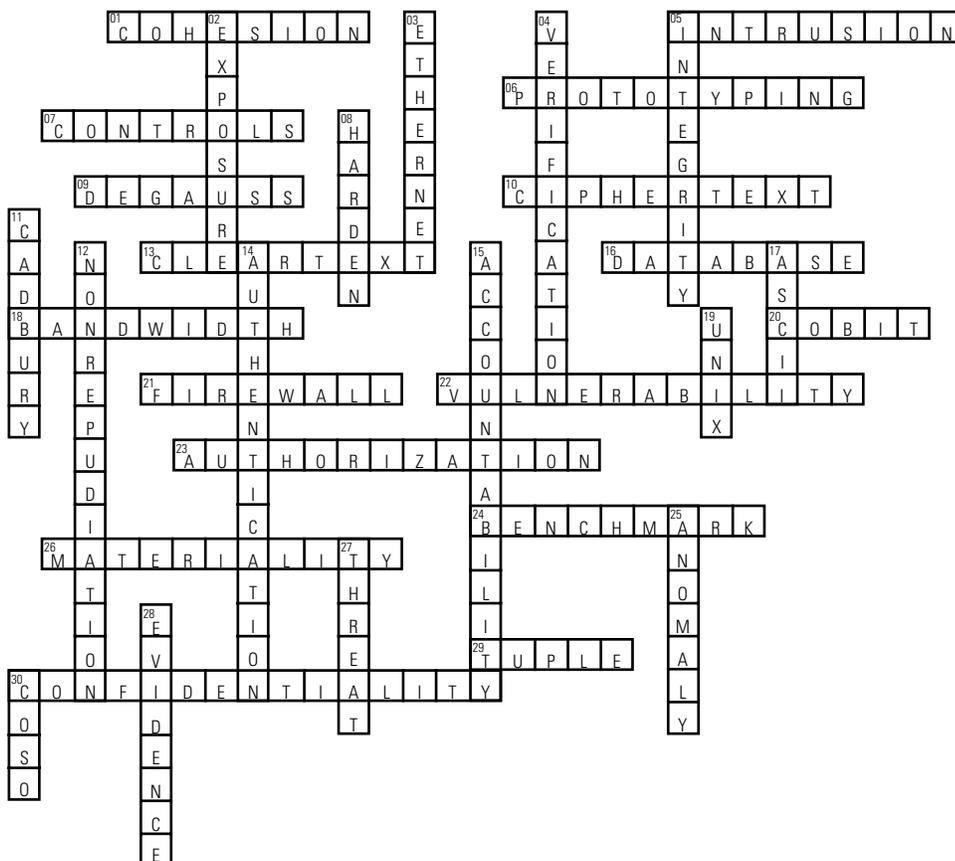
The first official event was their Welcome Night. As a guest speaker, our CISA Review Committee Chair, Conny Cheng, spoke to the students about the benefits of joining the IT audit profession and taking the CISA examination. Her informative presentation has aroused students' interest and attracted a number of intelligent questions from the audience.

During the same event, I also helped to recruit volunteers for our successful 2004 Fall Conference. All the proctoring needs were fulfilled and in exchange the students walked away with business cards of the speakers and other professionals, which they will find useful when seeking career advice or finding their first real job.

The students also enjoyed being at the Hospitality Suite on the second day of the Conference. In that networking event, the students could reach out to our chapter officers and other members in a more relaxed atmosphere. After the Conference, they unanimously told me how they were amazed by the success of the Conference and how grateful they feel being part of the Conference.

The latest student chapter event, as of this writing, was a presentation session held on October 11. Norma invited Ruth Ross and Paul Pereira from the offices of CFO and Controller of Wells Fargo to speak to the audience about the training program and internal controls at Wells Fargo, respectively. A lot of students showed interest in the training program and the internal controls presentation carried great educational value. Lastly, the student chapter is joining force with other student organizations and is actively planning some additional events throughout the remaining of the semester. I am confident that the upcoming activities will also be very successful.

CROSSWORD PUZZLE ANSWERS



SAN FRANCISCO CHAPTER BOARD ROSTER 2004/2005

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