



ICON

ISACA Central Ohio Chapter



Volume 16, Issue 3

November 2004

Meeting News

DATE: Thursday, Nov. 4, 2004

AGENDA: 11:15 Registration
11:30 Meeting/Speaker
12:30 Lunch

LOCATION: Platform Lab
1275 Kinnear Rd.
Columbus, OH 43212
614-675-3711

MENU: Pizza Buffet – Tommy's Pizza

PRICES: \$ 15.00 Members
\$ 18.00 Non-Members
\$ 5.00 Student (Student is full-time undergraduate, non-professionally employed)

RSVP: Richard Ridewood 614-728-0134
e-mail: richard.ridewood@dmr.state.oh.us

Note: Reservations can also be made on our web site – www.isaca-centralohio.org

RESERVATIONS POLICY

The deadline for reservations is **12:00 pm on Tuesday Nov. 2, 2004**. If you do not reach Rich directly, please be sure to leave the following information: Name, Member/Non-Member, and Company.

ALL RESERVATIONS MADE AND NOT CANCELED BY THE DEADLINE MUST BE PAID FOR.

A Preventive Maintenance Approach to Professional Ethics -This Time It's Personal!

In the absence of well-honed, applied ethics skills, we place ourselves and our businesses at risk for catastrophic legal, public relations, and financial problems. This program will provide participants with effective, immediately applicable ideas and techniques for helping assure ethical practices. Rather than focusing on the ethics code itself, this unique program places the focus on how each of us as individuals can most effectively 'walk the talk' of working ethically. This isn't your usual dry ethics talk - come prepared to have some fun even while learning about some serious ideas!

Christopher Bauer, Ph.D. is a licensed psychologist with over 25 years experience as a speaker, consultant and trainer. His specialty is helping audiences achieve their goals while relying on the resources they already have. Between coaching and speaking, he has worked with front-line workers to senior executives and everyone in-between. Clients of Dr. Bauer have run the gamut from small and medium sized businesses and organizations, to every level of staff and management at such large corporations as Xerox, Mobil, Kodak, and IBM.

Dr. Bauer speaks and trains on professional ethics, stress management, and maximizing both personal and business achievement. Information on his corporate keynotes, seminars and workshops programs can be found at www.bauercoaching.com and information on his public seminars can be found at www.bauerseminars.com. Information on his professional ethics seminars can be found at www.bauerethicsseminars.com.

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**DIRECTORY OF OFFICERS, COMMITTEE
CHAIRPERSONS, & DIRECTORS
2004-2005 CHAPTER YEAR**

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Dennis J. Kabelac, CISA – JPMorgan Chase & Co.

CALENDAR OF EVENTS

11/4/04	ISACA Meeting – Platform Lab Speaker-Christopher Bauer Ph.D. Topic-"Ethics"
12/9/04	ISACA Seminar – Platform Lab
12/10/04	Power IT Auditing
12/2/04	ISACA Meeting – La Scala Speaker- Tom Festing Topic-Change Management
1/13/05	ISACA Meeting – TBA
2/10/05	ISACA Meeting – TBA
3/10/05	ISACA Meeting – TBA
4/14/05	ISACA Meeting – TBA
5/12/05	ISACA Meeting – TBA

**ISACA CENTRAL OHIO CHAPTER DISCLAIMER
STATEMENT**

Because it is one objective of the ISACA Central Ohio Chapter to be a forum for the free expression and interchange of ideas, statements of position or expression of opinion appearing herein are those of the author(s) and not by the fact of publication necessarily those of the ISACA Central Ohio Chapter. Likewise, the publication of any advertisement in the ISACA Central Ohio Chapter's newsletter is not to be construed as an endorsement of the product or service offered unless such approval or endorsement is specifically stated.

ICON: ISACA Central Ohio Newsletter is published monthly. Articles and advertisements are welcome. The deadline for receiving articles is the 25th of the month prior to the month the article is to be published. Current advertising rate is \$30. This also includes having your ad posted to our web site for 30 days. For further information contact:

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Visit our web site at:
www.osu.edu/units/uts/isaca-centralohio/



**REMINDER: ALL MEETINGS WILL BE ON
THE 2ND THURSDAY OF THE MONTH.**

President's Message

By **Tim Winslow, Chapter President**



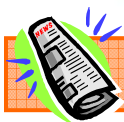
At our October meeting, Bill Yang provided us with a great overview of UNIX Security Auditing tips. This month, we shift gears a bit and focus on workplace Ethics. Although we have a few speakers and topics lined up for upcoming months, our entire luncheon schedule through May 2005 is not yet full or finalized. If there are specific topics you would like discussed, please do not hesitate to contact our program's chair, Brian O'Brien, or myself.

Online registration is available for our chapter's two-day fall seminar. MIS Training Institute's "IT Power Auditing" will be held December 9 & 10 at Platform Lab. Reduced course fees of \$275 are available for members (and if you are not yet a member, what a great opportunity it is to become one to get the discounted rate). Further seminar details can be found later in this newsletter and on our website.

We will be formally recognizing all Central Ohio candidates that passed the CISA or CISM exams at our December meeting. All successful 2004 candidates will be admitted without charge to this meeting. Please plan to attend to congratulate your fellow peers.

I am also happy to announce that we have purchased some logo merchandise to further help promote our chapter. You might even be the lucky winner of a leather portfolio or saddlebag at the next meeting!

Please remember that due to Veteran's Day on November 11th, we have moved our meeting up a week this month. Hope to see you on November 4 at Platform Lab and at other upcoming events like the IT Power Auditing seminar in December.



ISACA NEWS

Membership Update

The 2005 membership invoices will soon be mailed to all current ISACA® members. Members can also renew by logging into the ISACA web site www.isaca.org.

2005 Bulletins of Information Available

A copy of the 2005 Bulletin of Information for CISA and CISM certifications can be obtained via ISACA's web site www.isaca.org in a downloadable format or requested from the certification department at certification@isaca.org.

2005 Exam Registration

Exam registration forms for the 2005 CISA and CISM exams are now being received. Registration forms can be mailed or you can register online (online registrants save US \$35).

Registration deadlines for the 2005 exams are:

- ❖ Early: February 2, 2005
- ❖ Final: March 30, 2005

2005 CISA and CISM Review Manuals

The following review manuals will be available via the ISACA Bookstore.

Now Available

- *CISA Review Manual 2005*
- *CISA Review Questions, Answers & Explanations Manual 2005* (550 questions)
- *CISA Review Questions, Answers & Explanations Manual 2005 Supplement* (100 questions)
- *CISM Review Questions, Answers & Explanations Manual 2004* (100 questions)

Available December 2004

- *CISA Review Manual 2005 CISA Review Questions, Answers & Explanations CD-ROM 2005* (650 questions)

Available January 2005

- *CISM Review Manual 2005*
- *CISM Review Questions, Answers & Explanations Manual 2005* (100 questions)

Bookstore Update

New ITGI research titles and peer-reviewed books have been added to the ISACA Bookstore.

- ❖ *Fraud Detection: A Revealing Look at Fraud 2nd Edition*
 - ❖ *Fraud Investigation Using IDEA*
 - ❖ *Information Security Management Handbook 5th Edition*
 - ❖ *The Internal Auditing Handbook 2nd Edition*
 - ❖ *Cybersecurity Operations Handbook*
 - ❖ *The Hacker's Handbook*
 - ❖ *Hacking: The Art of Exploitation*
 - ❖ *Intrusion Detection & Prevention*
 - ❖ *From Business Strategy to IT Action: Right Decisions for a Better Bottom Line*
 - ❖ *Information Technology for Management*
 - ❖ *IT Governance Global Status Report**
 - ❖ *Manager's Guide to the Sarbanes-Oxley Act*
- (* Signifies those books published by ITGI®)

Visit the ISACA web site www.isaca.org/bookstore and take advantage of secure online ordering. Please contact the Bookstore at bookstore@isaca.org or +1.847.253.1545, ext. 401, for any questions.

Job Opportunities

Huntington Bancshares

Huntington Bancshares Incorporated is a \$31 billion regional bank holding company headquartered in Columbus, Ohio. Through its affiliated companies, Huntington has more than 138 years of serving the financial needs of its customers. Huntington provides innovative retail and commercial financial products and services through more than 300 regional banking offices in Indiana, Kentucky, Michigan, Ohio and West Virginia. Huntington also offers retail and commercial financial services online at www.huntington.com; through its technologically advanced, 24-hour telephone bank; and through its network of nearly 700 ATMs. Selected financial service activities are also conducted in other states including: Dealer Sales offices in Florida, Georgia, Tennessee, Pennsylvania and Arizona; Private Financial Group offices in Florida; and Mortgage Banking offices in Florida, Maryland and New Jersey. International banking services are made available through the headquarters office in Columbus and additional offices located in the Cayman Islands and Hong Kong.

Each of the following openings is for the Internal Audit Dept. located at 7 Easton Oval, Columbus, OH 43219.

Requisition #: R1456

Position Title: Audit Section Manager

Position Code: 3608

Position Description:

We are seeking a highly motivated individual for an Information Technology Audit Section Manager position within our Internal Audit Department. The individual will be required to: Direct and manage the day-to-day audit activities for assigned IT general computer controls and technical infrastructure reviews. Provide subject matter expertise to other audit teams performing financial, operational and computer application audits. Maintains continuous auditing/monitoring mechanisms to remain current on issues impacting assigned areas of responsibility. Provide advice and guidance during system development projects. Participates in management requested reviews and technical projects. Ensures audit goals and objectives are met. Evaluates staff performance and provides training, as needed.

Requirements:

Bachelor's degree in Accounting, Information Systems, Computer Science, Business or related field. A CISA or other professional designation (CIA, CISSP, etc.) is required. Must have 7-10 years of internal or external audit experience, including information technology (IT) auditing and/or integrated auditing. Strong knowledge and experience in IT controls risk assessment methodologies and controls evaluation. Demonstrated management and communication skills as well as experience with automated audit software tools (e.g. ACL) and computer assisted auditing techniques. Ability to set and achieve audit team goals and objectives in a fast-paced environment. Candidate must be able to travel (approximately 20%) and work in excess of the standard hours when necessary.

Requisition #: R1457

Position Title: Auditor-Senior

Position Code: 3606

Position Description:

We are seeking a highly motivated individual for a Senior Auditor. Responsibilities include: Mapping end-to-end business processes, analyzing process risks, identifying and testing key controls and preparing audit work documentation. Consolidates and analyzes information to make decisions and/or present findings to management.

Requirements:

Bachelor's degree in Accounting, Business or related field. Professional certification such as CIA, CPA, and/or an appropriate advanced degree required. Must have 3-5 years internal and/or external audit experience as a financial, operational or integrated auditor. Effective communication, analytical and organizational skills required. Proficiency with Microsoft software products and Audit Command Language (ACL) software desired. Proven ability to complete assignments in a timely and accurate manner. Candidates must be able to travel (approximately 20%) and work in excess of the standard hours when necessary.

Requisition #: Q6456

Position Title: Auditor-Senior

Position Code: 3606

Position Description:

*Level of experience will determine if position is offered as an Auditor-Senior or an Audit Team Lead. Performs risk and control assessments of corporate processes. Develops cost effective solutions to mitigate risk and improve profitability. Twenty percent travel should be expected.

Requirements

An appropriate Bachelor's degree is required. Advanced degree is desired. Must have good analytical skills as well as effective written and verbal communication skills. Accounting/financial reporting audit experience is desired. A minimum of 3-10 years of prior audit experience is required. Professional certification such as a CPA or CIA desired. Proficiency in Excel and Word required. Proficiency in Access and ACL (Audit Command Language) desired.

Requisition #: R5251

Position Title: Audit Team Lead

Position Code: 3607

Position Description:

We are seeking a highly motivated individual for an Audit Team Lead position within our Internal Audit Department. The individual will be required to: Coordinate and administer risk based internal auditing assignments. Determine, prioritize and direct numerous audit projects conducted by an assigned group of auditors. Conducts and documents the more complex fieldwork independently. Ensure audit goals and objectives are met. Communicates the results of audit/projects to senior management. Manage and perform the day-to-day audit activities covering a specialized business unit. Develop and train the audit team.

Requirements:

Bachelor's degree in Accounting, Business or related field. Professional certification (CIA, CBA, CPA, etc.) is required. Must have 5-7 years of audit experience and knowledge of the COSO internal controls framework. Demonstrated analytical and communication skills as well as experience with automated software tools (e.g. ACL) and computer assisted auditing techniques. Proven ability to achieve audit team goals and objectives in a fast-paced environment. Candidate must be able to travel (approximately 20%) and work in excess of the standard hours when necessary.

You may apply online at www.huntington.com. Please click on our career page, select Ohio and Columbus/Franklin County and apply for any of the above positions. We are an Equal Opportunity Employer M/F/D/V.

Humana

IT Audit Consultant

Louisville, Kentucky USA

Minimum Requirements:

Bachelor's degree in related field (I/T, Finance, Accounting, etc.), MBA preferred. Completion of CPA, PMP, CIA, or CISSP, CISM, or CISA highly desired. Minimum three years auditing and two years IT Audit. Will consider candidates with less auditing experience who have broad technical expertise. Broad IT experience supplemented with expert knowledge of multiple environments (mainframe, midrange, network architecture, client-server, databases). Experience obtained in large organization and includes either IT Audit, technical support or IT Security. Excellent verbal and written communication skills. Excellent time and project management skills. Excellent analytical and problem-solving skills. Detail-oriented; yet sees the whole system and acts strategically. Able to manage multiple projects/tasks simultaneously. Self-motivated; innovative. Reliable and accountable. Team oriented; builds trust. Ideal technical experience will include many of the following:

PLATFORMS: RS/6000, AS/400, HP9000, IBM Mainframe, PC OS: AIX, HP-UX, NT, OS/400, MVS DATABASE: Any Relational, Oracle, SQL Server, DB2 Network Architecture: Cisco, Lan/Wan Languages: COBOL, JCL, C, VB ERP: Oracle Applications

Position Type: Financing / Accounting

Role Description: Our company is one of the nation's largest publicly traded health benefits companies, with approximately 6.4 million medical members. Humana offers coordinated health benefits coverage through a variety of traditional and internet-based plans for employer groups, government-sponsored programs and individuals. Humana's

products and services are designed to help consumers take charge of their own health by connecting them and their doctors to customized, up-to-the-minute medical and life enhancing information.

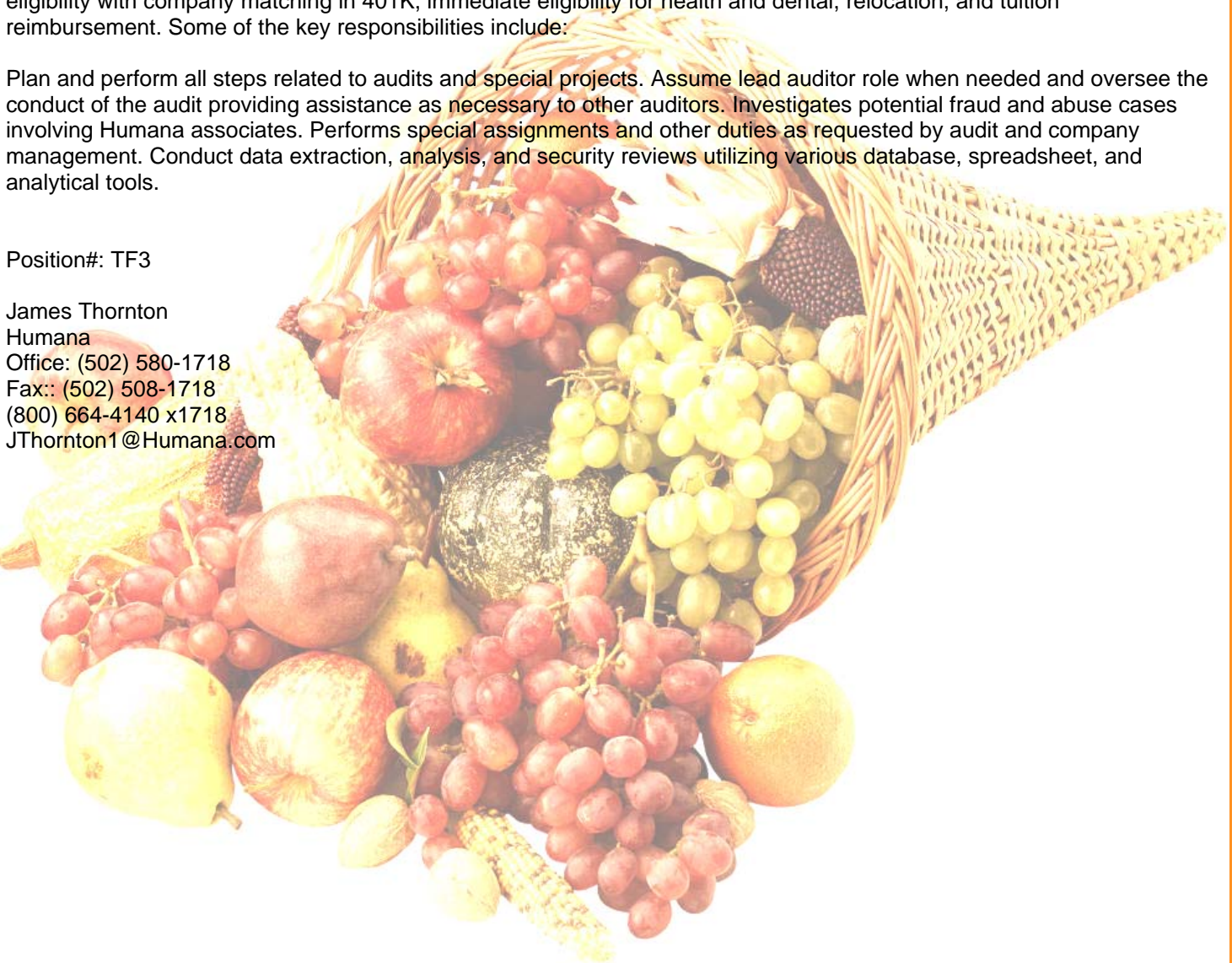
At Humana, our vision is to become the most trusted name in health solutions. As you learn more about Humana, our business strategy of growth through innovation, and the associates that fuel our success, we hope you will agree that this is an exciting time to be a member of the Humana team.

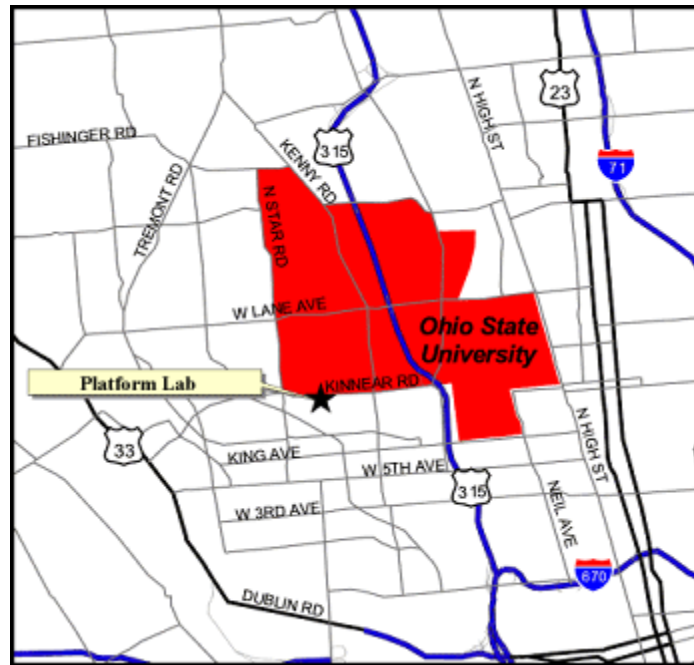
We are seeking an exceptional IT Internal Audit Consultant to provide value-added service in our Internal Audit Department by evaluating the efficiency and effectiveness of Humana's information technology processes and the supporting control structure. We offer an excellent benefit package that includes 3 weeks vacation a year, immediate eligibility with company matching in 401K, immediate eligibility for health and dental, relocation, and tuition reimbursement. Some of the key responsibilities include:

Plan and perform all steps related to audits and special projects. Assume lead auditor role when needed and oversee the conduct of the audit providing assistance as necessary to other auditors. Investigates potential fraud and abuse cases involving Humana associates. Performs special assignments and other duties as requested by audit and company management. Conduct data extraction, analysis, and security reviews utilizing various database, spreadsheet, and analytical tools.

Position#: TF3

James Thornton
Humana
Office: (502) 580-1718
Fax: (502) 508-1718
(800) 664-4140 x1718
JThornton1@Humana.com





From the North

- Proceed south on I-71 to 270 (Indianapolis or West).
- Follow 270 to 315 South
- Take 315 South to Lane Avenue (Ohio State University) exit.
- Turn right on to Lane Avenue.
- At the next traffic light, turn left on to Kenny Road.
- At the second light, turn right on to Kinnear Road.
- Follow Kinnear Road until just past Greybar Electric.
- Turn left into the parking lot of the Business Technology Center.

From the South

- Proceed north on I-71 to 315 North.
- Take 315 North to the Lane Avenue (Ohio State University) exit.
- Turn left on to Lane Avenue.
- At the second light, turn left on to Kenny Road.
- At the second light, turn right on to Kinnear Road.
- Follow Kinnear Road until just past Greybar Electric.
- Turn left into the parking lot of the Business Technology Center.

From the East

- Proceed west on I-70 to 315 North.
- Take 315 North to the Lane Avenue (Ohio State University) exit.
- Turn left on to Lane Avenue.
- At the second light, turn left on to Kenny Road.
- At the second light, turn right on to Kinnear Road.
- Follow Kinnear Road until just past Greybar Electric.
- Turn left into the parking lot of the Business Technology Center.

From the West

- Proceed east on I-70 to 315 North.
- Take 315 North to Lane Avenue (Ohio State University) exit.

- Turn left on to Lane Avenue.
- At the second light, turn left on to Kenny Road.
- At the second light, turn right on to Kinnear Road.
- Follow Kinnear Road until just past Greybar Electric.
- Turn left into the parking lot of the Business Technology Center.

From Downtown

- Take High Street north to Woodruff.
- Turn left (west) on to Woodruff.
- Follow Woodruff to Kenny Road.
- At the Kenny Road traffic light turn left.
- At the next light, turn right on to Kinnear Road.
- Follow Kinnear Road until just past Greybar Electric.
- Turn left into the parking lot of the Business Technology Center.

Parking is available in front of the Business Technology Center building. Visitors may park in any unmarked spaces. Entering from Kinnear Road, the parking is free and unmonitored.

Membership Information: www.isaca.org/memb1.htm



Power IT Auditing

An Advanced Seminar on Performing Technical Audits of Today's Complex Distributed Computing Networks

Seminar Focus and Features

To be successful, IT auditors must be able to independently identify and assist in mitigating the myriad of risks that exist in today's highly technical business environment. In this comprehensive two-day seminar you will learn how to use powerful software tools to identify and test key control points in your organization's network infrastructure. You will take a plain-English look at encryption, make sense of the network services and protocols and relate them to real-world safeguards, test key server and workstation controls, and practice deploying network vulnerability testing tools. Working through a series of structured demos, you will learn how to select appropriate tools and techniques for your audits and how to execute required audit data gathering and analysis procedures. You will observe demonstrations that range from intercepting live network data with packet sniffers that automatically scan a network for serious vulnerabilities, to extracting control-related configuration security data from computers, routers, and firewalls.

This intensive seminar will also help you to identify and evaluate security safeguards and automated technical auditing tools, including both freeware and commercial tools that you can use to ensure that your organization's IT environment is well protected. When you leave this workshop you will be better prepared to locate and assess the core controls and security safeguards that are critical to the protection of the valuable assets in your network. This course also provides a solid foundation for more advanced training in operating system, network, and application audit and security.

Who Should Attend

IT Auditor Managers and Supervisors; IT Auditors; Information Security Analysts and Administrators; Consultants

Dates

December 9-10, 2004
8:30am – 4:30pm

Instructor

Stan Fromhold, CISSP
MIS Training Institute

Location

Platform Lab
1275 Kinnear Rd, Columbus, OH

Fees

\$275 members
\$475 non-members

Registration

Online at www.isaca-centralohio.org

Lunch

Not Provided

Questions

seminar@isaca-centralohio.org
Tim Winslow
614-213-6336

Maximum Class Size

30

Benefits

- Compare with hands-on 4-day public course offered for \$2,295!
- Professional instruction, central location within Columbus, and no travel costs
- 15 CPEs
- All attendees will receive a coupon worth \$100 towards an MIS Training Institute public seminar of two days or more
- **BONUS:** In addition to the take-away course workbook, you will receive a copy of the *MIS IT Network Audit Survival Toolkit*, a CD containing useful network auditing software tools and electronic references.

Enroll Today!

What You Will Learn

1. Defining the Scope of Distributed Computing Network Audit Programs

- defining the scope of network infrastructure audits
- locating and categorizing key control points in a distributed computing network
- network security risk analysis: major threats, vulnerabilities, and risks associated with distributed computing environments
- selecting cost-effective automated tools for advanced IT audits

2. Understanding Network Protocols

- using a simplified three-layer model to better understand more complex network protocol stacks and associated control issues
- Open Systems Interconnection (OSI) Model
- Transmission Control Protocol/Internet Protocol (TCP/IP)
- demo: using packet sniffers to intercept and analyze network traffic
- evaluating risks and safeguards associated with prominent TCP/IP applications
- demo: identifying active TCP/IP application services on workstations and servers using local and remote testing procedures
- developing a methodology for TCP/IP network services security risk analysis

3. Network Address Management and Directory Services

- categorizing address management and directory services systems
- Dynamic Host Configuration Protocol (DHCP)
- demo: testing DHCP server controls
- Domain Name System (DNS) directories
- demo: locating DNS servers and evaluating their controls
- network address management and directory services audit checklist

4. Network Interconnection Devices

- positioning network interconnection devices in the OSI Reference Model
- wired and wireless security device issues and safeguards
- fundamentals of router configuration, control, and security
- network device maintenance port access controls
- demo: assessing security access controls for a network router
- Simple Network Management Protocol (SNMP)
- demo: using SNMP and other network discovery tools to locate network devices
- enterprise authentication systems: RADIUS, TACACS+
- network interconnection device audit checklist

5. Internet Connections and Network Perimeter Security

- network security strategies: identifying key security safeguards
- warning banners
- firewall policies, architectures, and positioning
- demo: evaluating the configuration and policies for an enterprise firewall
- intrusion detection systems (IDS) roles, components, and positioning
- virtual private networks (VPN) and secure sessions
- demo: evaluating VPN end-point controls
- network perimeter security audit checklists: firewalls, IDS, VPNs

6. Network Vulnerability Testing

- network security testing methodologies: getting organized
- discovery testing tools and techniques for locating and profiling wired and wireless network hosts
- network vulnerability testing tools and techniques
- demo: using network discovery and vulnerability testing tools to test network security

7. Wrap-Up

- criteria for prioritizing corrective action plans
- mapping audit techniques to different types of audit projects

Instructor

Stan Fromhold, CISSP
Senior Instructor for MIS Training Institute

Stan Fromhold is an Information Security and IT Audit Consultant specializing in network vulnerability assessments. Mr. Fromhold has more than 20 years of managerial and hands-on technical experience with various computer environments.

Previously, Mr. Fromhold was the Director of Global Security for Dun & Bradstreet Corporation, where he was responsible for all facets of network security infrastructure for the D&B Global Network, including network security for 40 firewalls, intrusion detection, Unix and Windows NT security standards and compliance, and all security policies for D&B. He was also Director of Internet Services for Munich/American Re-Insurance Company, where he was responsible for the network security architecture, including the design, implementation, and administration of firewalls, Web servers, proxy servers, SecureID ACE Servers, and other network security components. This global network connected over 80 offices and included 60 firewalls.

Prior to Munich/American Re-Insurance, Mr. Fromhold was a Manager with Coopers & Lybrand where he managed several large security assessments and implementations. He has developed many information security standards for distributed computing environments including Novell NetWare, Windows NT, Unix, Internet, intranet and TCP/IP as well as remote access. A much in-demand speaker on information security, Mr. Fromhold has presented at many leading security conferences and seminars.