



*Information Systems  
Audit and Control  
Association*

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## September 2002 Newsletter

### Announcements

- Please congratulate the following members on passing the 2002 CISA Exam:
  - Joe Cluff
  - Frank Ferryman
  - Tyler Flint
  - David McMurria

### Web Links

- Auditnet [www.auditnet.org](http://www.auditnet.org)
- Canaudit [www.canaudit.com](http://www.canaudit.com)
- IT Audit [www.theiia.org/itaudit/](http://www.theiia.org/itaudit/)
- SomarSoft Utilities [www.somarsoft.com](http://www.somarsoft.com)

### Upcoming Events

- **ISACA Luncheon**, September 4<sup>th</sup>, 11am to 1pm
- **Early registration deadline** for CISA Exam, February 5
- **Final registration deadline** for CISA Exam, April 2nd
- **CISA Exam**, June 14th

### ISACA Board and Committee Members

- **LaVonna Smith**, President, ITD, 334-8833
- **Ernie Satterthwait**, Vice President, Washington Group, 386-5234
- **Tyler Flint**, Secretary/Newsletter Chair, Albertsons, 395-4671
- **Joe Cluff**, Treasurer, Boise Cascade, 384-7016
- **Paula Williams**, Audit & Nominations/ Membership Chair, Albertsons, 395-5640
- **Frank Ferryman**, CISA Coordinator, Boise State University, 426-1159
- **Robin Rice**, Past President, Idaho Power, 388-2571

## ISACA PRESIDENT'S MESSAGE

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September 2002

Welcome ISACA Members and friends! It is going to be a good year. We have a great Board and interesting speaker topics and training planned for you.

For your information, our Board members and their contact numbers can be found in each of our newsletters for your convenience. We also have a directory that will soon be distributed that includes our plans for the year, as well as board member background, member contacts, and CISA review and exam information. We hope you will find this useful.

We are excited about this year's luncheon topics and training. Already we have lined up speakers that are sure to pique your interest and address some of your auditing needs. We are planning on 4 luncheons as well as a seminar.

According to your survey feedback, the top five topics of interests were Computer Forensics/ IT fraud, Data Warehousing, Web & Internet Security, Network Security and Wireless Security. Thank you for your input.

Our first luncheon will be a roundtable discussion on September 4, 2002 with a panel of security experts from Boise State University, Washington Group, Boise Cascade, Idaho Power, and Albertsons.

We look forward to seeing you there!

**LaVonna Smith, CISA**  
**ISACA President**  
**Boise Chapter**

## SECURITY ROUNDTABLE LUNCHEON – SEPTEMBER 4TH

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### **About the Topic**

On September 4th, we will be kicking off the ISACA 2002-2003 year with a great luncheon. It is going to be a security roundtable where we can discuss the concerns that we face on a daily basis and those that keep us awake at night. Since many of us may have more questions than answers, five security experts from local Boise businesses have been generous enough to share their time, knowledge and insight with our chapter.

In order to optimize our time, it would be ideal to have a list of questions that we would like to discuss at the roundtable. Therefore, if everyone would create a list of their top security related questions and submit them to Tyler Flint by **Wednesday, August 28th**, I will compile them for our luncheon. A list of these questions will then be distributed at the meeting (this will be completely anonymous).

The Roundtable is going to be held at the Boise Cascade corporate office. The address is 1111 W. Jefferson (Boise, ID 83728).

### **About the Security Experts**

#### **Mike Hayhurst, Washington Group**

Mike has been working with Information Technology for the past thirty two years. He graduated from Utah State University with a BS degree in computer science. Mike first worked for the State of Idaho for five years where he was responsible for IBM Mainframe operating system

software and communications. He has been with Washington Group International, (formally Morrison Knudsen Corporation) for the last twenty seven and a half years, where he continued working with system software and communications. By 1980 he had specialized in communication and was working with local and wide area networking. In 1994 the focus was on the integrity and availability of the network. In 1994 WGI entered the world of the Internet and he became responsible for the Proxy Firewall. In 1997 he was introduced to the Checkpoint firewall and it replaced the proxy. This created new challenges with DMZ's, Extra Nets, and VPNs.

Currently he is adding a new ISP at the Bridger location and it will be based on a Cisco PIX platform. He is currently responsible for the enterprise wide network security. This encompasses four separate Internet portals and a network that reaches from Romania on the East, to the Philippines on the West, and provides support for over 30,000 employees.

#### **Scotlund Vaile, Idaho Power**

The whole of Scotlund's background is based in Information Technologies. He received a Bachelor's of Engineering and a Master's in Engineering Management from Ohio State University. During a long consulting stint in Europe, Scotlund led security design, implementations, and security management for the United Bank of Switzerland, the largest bank in Europe. Back in the United States, Scotlund's clients included energy, telecom, large media corporations, and Bank of America in Dallas, the largest bank in the United States. He holds the Certified Information Systems Security Professional certification. Scotlund is the Information Technology Security Manager for Idaho Power.

#### **Keith Bower, Albertsons**

Keith Bower, former ISACA member and CISA, is the Director of Information Security and Disaster Recovery at Albertsons. In his role as the senior person in charge of IT Security at Albertsons, Keith works to transform his Data Security department into a best-practices Enterprise Security team. After 15 years of IT experience, his current focus is on

developing enterprise security services with initiatives in the areas of security governance, identity management, perimeter security, policy management, compliance monitoring, and business continuity planning. Keith, who lives in Eagle with his wife, loves to camp and hike in his spare time. Something most people don't know about Keith is that he tans deerskins into buckskins using Native American techniques as a hobby.

**Steve Ledbetter, Boise Cascade**

Steve Ledbetter has worked for Boise Cascade for 22 years. He has been a plant controller (1983-85), the financial and IT manager for European Container operations in Germany and Austria (1987-1991), and an internal auditor for 15 years in three separate periods. He began working on IT audits for MVS Mainframes and CICS applications in the 1980's and is now the IT Audit Manager for Boise's audit department.

**Frank Ferryman, Boise State University**

Frank Ferryman is the Information Systems Auditor and IT Privacy & Security Officer for Boise State University. With more than 10 years experience as an auditor for Insurance Company of North America, 13 years technical experience in information systems and network management at Allied-Signal Aerospace and Boise State University, and, most recently, 4 years in his current position, he brings a balanced, knowledgeable approach to Information Systems Auditing and security management.

Frank earned a B.S. at Arizona State University, a M.B.A. at Webster University, MO, and holds CISSP and CISA certifications. As a graduate of the Department of Energy Computer Security Academy, he worked as Computer System Security Officer at Sandia National Labs in Albuquerque during the late 1980's.

**Security Roundtable**  
*Security Experts from Boise State University,  
Boise Cascade, Albertsons, Idaho Power, and  
Washington Group*  
Septemeber 4<sup>th</sup> at Boise Cascade downtown  
11:00AM to 1:00PM

<b><u>Cost:</u></b>	<b><i>Members</i></b>	<b><i>\$13</i></b>
	<b><i>Non-Members</i></b>	<b><i>\$15</i></b>
	<b><i>Students</i></b>	<b><i>\$10</i></b>

**RESERVATIONS DUE:** August 30th

Contact Robin Rice at 388-2571 or  
[rrice@idahopower.com](mailto:rrice@idahopower.com)



## CISA – CERTIFICATION PROGRAM



The mark of excellence for a professional certification program is the value and recognition it bestows on the individual who achieves it. Since 1978, the Certified Information Systems Auditor (CISA®) program has been the globally accepted standard of achievement among IS audit, control and security professionals. Earning the CISA designation helps assure a positive reputation as a qualified IS audit, control and/or security professional, and because the CISA program certifies individuals who demonstrate proficiency in today's most sought-after skills, employers prefer to hire and retain those who achieve and maintain their designation.

### **CISA Examination Content Areas**

The results of a yearlong project to determine the tasks and knowledge required of today's and tomorrow's information systems audit professional was completed this past April. This CISA Practice Analysis that has resulted, will serve as the blueprint for the CISA examination beginning with the 2001 exam. The results of the new Practice Analysis indicated that there are both process and content components in a CISA's job function. Accordingly, future exams will consist of a process and six content areas that cover those tasks that would routinely be performed by a CISA. The process area, which existed in the prior CISA Practice Analysis, has been expanded to provide the CISA candidate with a more comprehensive description of the full IS audit process. It also recognizes the fact that the CISAs are expected to be able to apply their knowledge of IS audit principles and practices to technical content areas.

**The following is a brief description of these areas, their definitions, and approximate percentage of test questions allocated to each area.**

### **PROCESS AREA**

#### **The IS Audit Process (10%)**

Conduct IS audits in accordance with generally accepted IS audit standards and guidelines to ensure that the organization's information technology and business systems are adequately controlled, monitored, and assessed.

### **CONTENT AREAS**

#### **Management, Planning and Organization of IS (11%)**

Evaluate the strategy, policies, standards, procedures and related practices for the management, planning, and organization of IS.

#### **Technical Infrastructure and Operational Practices**

Evaluate the effectiveness and efficiency of the organization's implementation and ongoing management of technical and operational infrastructure to ensure that they adequately support the organization's business objectives.

#### **Protection of Information Assets (25%)**

Evaluate the logical, environmental, and IT infrastructure security to ensure that it satisfies the organization's business requirements for safeguarding information assets against unauthorized use, disclosure, modification, damage, or loss.

#### **Disaster Recovery and Business Continuity (10%)**

Evaluate the process for developing and maintaining documented, communicated, and tested plans for continuity.

#### **Business Application System Development, Acquisition, Implementation, and Maintenance (16%)**

Evaluate the methodology and processes by which the business application system development, acquisition, implementation, and maintenance are undertaken to ensure that they meet the organization's business objectives.

**Business Process Evaluation and Risk Management (15%)**

Evaluate business systems and processes to ensure that risks are managed in accordance with the organization's business objectives.

**INVEST IN YOURSELF**

**Register to become a Certified Information Systems Auditor Today!**

**847/253-1545 • Fax 847/253-1443**

**or locally contact Frank Ferryman 426-1159**

**REGISTRATION DEADLINE:**

**Early registration deadline** for CISA Exam, February 5th

**Final registration deadline** for CISA Exam, April 2nd

**EXAM DATE:**

**June 14th**