

**CONTROL BITS****AND****AUDIT BYTES**

The Newsletter of the Western Michigan Chapter

INFORMATION SYSTEMS AUDIT AND CONTROL ASSOCIATION

E MEETING ANNOUNCEMENT

**NETWORK PENETRATION TESTING**

You have heard the term. You may even understand the concept. But do you **REALLY** know what penetration testing is??? If you want to find out, mark your calendar(s) for April 21<sup>st</sup>, because that's the night we get to the heart of the matter!

Mr. Chuck Adams, Manager of Consulting Operations for Cisco Systems, Inc. will speak to us about *Network Penetration Testing*, specifically addressing

- ✓ Understanding threats/risks to your network
- ✓ Detection and response capability
- ✓ Ongoing vulnerability measurement and audit
- ✓ Assessing network exposures
- ✓ Security policy design

Mr. Adams has over 12 years of experience in information security, starting in the U.S. Air Force conducting TEMPEST emanation studies for Department of Defense facilities and equipment. This assignment evolved into the Air Force Electronic Security Engineering program, and subsequently led to the formation of the Air Force Information Warfare Center. Chuck led the team that conducted the very first structured, formalized, operational security assessments of target networks.

Following his tour with the Air Force, Mr. Adams joined a startup company named WheelGroup, and began developing a team of network security engineers that could identify security concerns and present operational recommendations to their customers. This service blossomed into shrink-wrapped security products such as *NetRanger* and *NetSonar*.

In March 1998, WheelGroup Corporation was acquired by Cisco Systems, who began offering this leading-edge vulnerability assessment services to their top-tier Fortune 500 customers. As Manager, Chuck has selected, hired, and trained enough engineers to quadruple the size of the group. He continues to design future technologies and tools that permit his assessment methodology to be less manpower intense and more scalable.

Because of Chuck's unique background and experience, he is regularly invited to present industry relevant information to the Presidential Commission of the Critical Infrastructure Assurance Office.

When: Wednesday, April 21<sup>st</sup>, 1999

Where: Duba's Restaurant — I-96 & East Beltline, Grand Rapids

Cost: Members, AITP, IIA: \$ 23.00 — Non-members: \$ 25.00

**R.S.V.P. John Blair @ (616) 246-4730** — NO LATER THAN Thursday, April 15<sup>th</sup>!

Be sure to tell him whether you're a member, and what your meal preference is!

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**REGISTER NOW!!! SPACE IS LIMITED!!!**

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## ***PRESIDENT'S MESSAGE***

Bernie Powers, CISA, CHAPTER PRESIDENT

The activities for this year's ISACA officers are slowly winding down. The final meeting of the year is April 21. The ballots will be counted for the election of the Year 2000 Board for our chapter at this meeting. On the bright side, there was not a major conflict amongst the members in nominating candidates. The difficulty was getting people to volunteer for the positions vacated. I would like everyone to thank the nominees for their willingness to volunteer to lead the chapter for the next year.

The most difficult position to fill will be that of Michael Grinwis as Newsletter Editor. After years of providing this service, his is taking the opportunity to focus his energy on other projects. During his reign, the price of stamps has nearly doubled and the snail mail distribution has been replaced with email and web pages. We (the Board) are interested in hearing from any volunteers that would like to accept the challenges of publishing the eight or so newsletters for next year. Feel free to contact Michael to discuss the efforts involved, before committing to the role of newsletter editor.

Presentations were adequately attended this year and the speakers well versed and experienced in the topics they presented. North American CACS in Orlando and International CACS in Denver are this May and July. If you or members of your staff are attending please let John Blair or I know. After CACS, these members will be solicited for feedback on the speakers/topics they attended. The range of topics we covered this year was a direct result of the survey members completed last summer and we want next year to be a year of growth. As we gear up for spring and summer activities, I wanted to remind people of the opportunities to network with other professional organizations. Several of our members are golfers. We are discussing the possibilities of attending the IIA and AITP golf outings. We will keep you posted on the golfing opportunities and in seeking topics for the upcoming year. Review your audit plans and past accomplishments for topics that would be of interest to the membership.

For next year we are going to work closer with IIA (GR & Lansing) and AITP in communicating presentations and dates. I do not know if we will get to the point of joint speakers, but the topics of the groups seem to be similar at times and reducing the cost of speaker fees helps to bring in the better presenters without breaking the bank.

To the Board and members, thank you for making this year enjoyable and hassle free. I look forward to the position of Past-President and in assisting the Program Committee next year.

Bernie Powers



*Information Systems  
Audit and Control  
Association*

Pursuant to the bylaws of the Western Michigan Chapter of the *Information Systems Audit and Control Association*, an election shall be held of the membership present at the last regularly scheduled Chapter meeting to select the Officers and Board of Directors who shall represent the Chapter for the coming "year". Solicitations for candidates shall be mailed to the membership prior to the above meeting. Members wishing to be considered for a position as an Officer or Board Member need must submit their name to the current Chapter leadership prior to the commencement of the business portion of the last regularly scheduled meeting.

The following members are candidates for the 1999–2000 year:

President:	John Arens, CISA Meijer, Inc.	Vice President & Program Chair:	Rick Cummings, CISA Jackson National Life Insurance Co.
Secretary:	John Blair, CISA Steelcase, Inc.	Treasurer:	Pam Bradford, CISA National City Corp.

The following members have volunteered for the Board positions listed below:

CISA Coordinator:	Michael Sekoni, CISA Accident Fund Co.	Newsletter Editor	Bernie Powers, CISA Steelcase, Inc.
Web Master:	Michael Sekoni, CISA Accident Fund Co.	Seminar Chair:	Robert Gines, CIA Novartis, Inc.

Bernie Powers, CISA, will become the current Past President. Election results will be posted in the newsletter.



## ***Members On The Move!***

A BIG Western Michigan **WELCOME** to Mr. Rick Cummings, CISA! Rick recently joined Jackson National Life Insurance Company in Lansing, Michigan as an IS Audit Senior. Rick comes to us from NCR Corporation in Dayton, Ohio, where he held positions as was a Project Manager and IS Auditor. Rick was also an active member of the Dayton Chapter. Welcome, Rick!

*Upcoming Events*

Chapter Meeting .....	Wednesday, April 21, 1999
Topic: Penetration .....	Duba's Restaurant, I-96 & East Beltline, Grand Rapids
The International Conference 99 .....	July 18–21, 1999
Westin Hotel @ Tabor Center .....	Denver, Colorado
Program Committee Meeting .....	July, 1999
Place and times to be announced	

*1998–99 Western Michigan Chapter Officers & Board of Directors*

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— *THE FINE PRINT* —

*Control Bits and Audit Bytes* is a publication of the Western Michigan Chapter of the *Information Systems Audit and Control Association (ISACA)*. The purpose of this publication is to disseminate useful and timely information on automated systems control and security issues to Chapter members and selected practitioners of computer systems audit and security. Articles, submissions, and advertisements are the responsibility of the submitter, and do not reflect the opinions, beliefs, or practices of the Western Michigan Chapter.

Materials submitted for publication in *Control Bits and Audit Bytes* must be received by the Newsletter Editor no later than the submission deadline published in the newsletter. If no submission deadline is published, the default deadline is approximately three weeks prior to the next scheduled meeting of the Western Michigan Chapter of the *Information Systems Audit and Control Association*.

**The deadline for submissions for the next Newsletter is Friday, April 30<sup>th</sup>, 1999!**



# INTERNATIONAL NEWS

A Recap of ISACA events from the *ExpressLine* Newsletter

**CALL FOR NOMINEES** — The Association is calling for nominations of qualified and deserving candidates for the 1999 Harold Weiss and John Lainhart Common Body of Knowledge Awards. The Harold Weiss Award was initiated in 1985 to honor individuals for outstanding achievement in the field of audit, audit education and/or audit research. The John Lainhart Common Body of Knowledge Award was initiated in 1996 to recognize contributions to the development and enhancement of the common body of knowledge (CBOK) used by professionals in the field of IS Audit, security and control, certification, or standards. Nominations in letter form, including accomplishments relating to the award, professional affiliations, honors, publications and references, should be sent to the International President at fax (847) 253-1443, or email (exec@isaca.org).

## **1998 Membership Growth Awards**

- ❖ Highest Numerical Growth for a Chapter: German Chapter
- ❖ Highest Overall Growth for a Chapter: Mumbai Chapter
- ❖ Highest Percentage Growth for a Chapter: Caracas Chapter

**ISACA STANDARDS** — The Standards Board has met and reviewed the comments received for previous exposure drafts. The following IS Auditing Guidelines & Standards will be effective September 1, 1999:

- Audit Charter
- Audit Documentation (Previously issued SISAS 6)
- Due Professional Care (Previously issued SISAS 4)
- Materiality Concepts for Auditing Information Systems
- Outsourcing of IS Activities to Other Organizations
- Standards for Information System Control Professionals

The following IS Auditing Statements will be withdrawn effective September 1, 1999:

- SISAS 4 – Replaced with IS Auditing Guideline Due Professional Care
- SISAS 6 – Replaced with IS Auditing Guideline Audit Documentation

These, and all other IS Auditing Standards are available for viewing on the Internet at:  
[www.isaca.org/standard/draft2.htm](http://www.isaca.org/standard/draft2.htm)

**CISA CERTIFICATION UPDATE** — The early registration deadline for the 1999 CISA exam was March 1<sup>st</sup>, and over 2,500 candidates had registered for the exam by that time! If you haven't submitted your registration, you're too late for the 1999 Exam.

It's also been learned that some CISA's did not receive their copy of *CISA News* in January. If you are a CISA and did **NOT** receive your copy, please contact the Certification Department at [certification@isaca.org](mailto:certification@isaca.org).

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## *A Passing of the Guard . . . .*

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If you have not already noticed in Bernie Power's *President's Message*, this is my last issue as Newsletter Editor. I've been trying to think just what I want to say, what I *should* say, or whether I should say anything at all when this time finally arrived. Five years! Somehow, it just doesn't seem like its been that long, though everything around me makes it seem like so much longer. As with any change, I know that there will be (as if it hasn't started already) some anxiety in passing this responsibility on to someone else.

I became the Newsletter Editor, and Chapter President, upon Ed Barth's resignation to accept a position with Fidelity Investments in September, 1994. From the beginning, it was my belief that this newsletter should be more than just a quick notice of an upcoming meeting. That belief was significantly reinforced with the subsequent "trappings" of Chapter office. I was surprised by the volume of phone calls, newsletters, and mailings from the International office and others in our profession. I swear my business phone number became one of the top five passed among head hunters throughout the galaxy. This influx of information proved to me that you, the membership, were NOT getting the entire picture. So, I started including items from *ExpressLine*, the International Office's newsletter for Chapter Officers. Everything you have read in the *International News* column is from *ExpressLine*. I won't say that I've passed on everything word verbatim — but I have passed on everything that I thought would have a bearing on you, the members.

I also tried to let you know about new members, and what other members were are up to. Especially after the Board decided to change our meetings to bi-monthly in 1995. The opportunity for all of you to interact with other members on any type of a regular basis was definately shortened. Hence, the *News of our Members* column. I felt that you should all feel welcome in our Chapter.

I can happily say that I have even penned a couple of articles of some semi-original thought in this publication. However, most have been reprints with the gracious permission of the authors. Either way, I have tried to pass on information and ideas which I or others encountered in performing our duties and responsibilities in this constantly changing profession. To quote Section 1 of our Chapter By-Laws, "More specifically, the objectives of the Asociation are: (a) to promote the education of and help expand the knowledge and skills of its members in the interrelated fields of AUDITING and ELECTRONIC DATA PROCESSING; (b) to encourage a free exchange of EDP audit techniques, approaches, and problem solving by its members; . . .". This was the goal that I tried to meet. I hope you can agree that I have.

With these last words, I hereby relinquish this electronic quill and surrender these responsibilities to someone who I hope will share the same ideals and goals for this newsletter as I have. And, hopefully, be even better at it than myself. For this is an instrument, a tool, for us to share our thoughts, ideas, experiences, and, possibly, even have some fun in doing it. This is your vehicle to express your views. It works best when used regularly.

I thank you for allowing me to be a part of your life and your profession.

Mike Grinwis