

Greater Pittsburgh Chapter

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The ACFE is the professional organization for fraud examiners. The mission of the ACFE is to reduce the incidence of fraud and white-collar crime, and to assist the membership in its detection and deterrence.



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September Meeting: Dr. Andreas Olligschlaeger President, TruNorth Data Systems, Inc. Working the Data Mine: Information Sharing, Data Mining and Fraud Detection

Dr. Andreas (Olli) M. Olligschlaeger is the president of TruNorth Data Systems, Inc., a company specializing in law enforcement information systems consulting and software development for federal, state and local agencies.

Dr. Olligschlaeger is involved in the research and creation of call monitoring of prison telephone calls to identify key words and phrases that may identify criminal activity. Considering the volume of telephone calls made from prisons, only a small fraction of calls can be monitored. Inmate conversations can include good intelligence that can be used to prevent future crimes, or evidence on past crimes. Call monitoring can be expensive, and roughly 1 out of every 900 calls may include a discussion of criminal activity. There are about 3 million calls made from prison pay phones per year.

Dr. Olligschlaeger discussed the use of speech recognition and audio mining software. These programs recognize key words and tag conversations for further investigation. Language models need updated for different ethnic groups, and different slang used in different areas of the country. Additional software includes link analysis to identify if multiple inmates calling the same phone

Committees

Membership
Kelvin Pier

Newsletter
Craig Workman

Networking
James Fellin

Education
Craig Workman

Website
John Elliott

Please contact a committee chair with ideas, or to help on committee activities.

Upcoming Chapter Events

October 8, 2008

Mike Selwood
FTI Consulting
Fraud Case Study

October 17, 2008

Joint CFE/IIA Seminar
3 speakers; 4 CPE
3 Topics:
Red Flags of Fraud
Interviewing & Interrogation
Cases in Accounting Ethics

November 12, 2008

Ken McCrory
McCrory & McDowell LLC
Fraud Case Study

Speakers and Writers Needed

The Chapter is looking for speakers for future Chapter

number.

If a word or slang term is not in a module, then the word will not be recognized by the software.

Inmates may use three way calling to try to mask detection of their outgoing calls so that the individual receiving the call will not know it was initiated from a prison. 3-way call detection will recognize and tag calls with multiple voice tones.

Call IQ alerts the warden by e-mail if it recognizes certain key phrases in a call recording where there is a threat to kill someone or commit suicide.

Did you know...

- The ACFE has 45,000 members worldwide.
- The FBI recognizes the CFE designation as a critical skill for its diversified hiring program.
- On average, CFEs earn more than non-CFEs in comparable positions.

October 8, 2008

Michael Selwood, Senior Managing Director
FTI Consulting Group

MICHAEL SELWOOD is a Managing Director, in the Business Recovery Services Group of FTI Consulting, Inc. Mike has acted as an advisor to \$300 million waste management company undergoing a significant re-positioning of its business strategy and capital structure. Other matters in which Mike has been involved include advising on investor relations, forensic investigation of accounting issues on prior transactions, comprehensive liquidity management and a review of business plans and forecasts; and being financial advisor to a multi-billion dollar client on various tax litigation and mitigation strategies, a \$200 million intermediate metals processor undergoing a transition in Chapter 11, a \$1 billion integrated steel manufacturer undergoing Chapter 11 reorganization, and to a Debtor and Secured Lenders of a \$650 million metals manufacturing concern undergoing a significant downturn in operations. Mike has also served as project leader in several large litigation matters, including business interruption claims, a \$100 million fraudulent conveyance claim, a securities fraud, and accounting malpractice litigation, and Mike has been project leader on several forensic accounting projects, including investigations of employee theft and compliance with corporate policies and procedures. Mike received his BA from Duke University in 1991 and his MBA from the Graduate School of Industrial Administration at Carnegie Mellon University, 1997 MSIA.

meeting events. Presentation should be 50 minutes long and be about a fraud or white-collar crime related issues. Speakers receive 1 hour of CPE credit for their presentation.

The Chapter is also looking for writers to contribute articles for future Newsletters. If you would like to contribute an article or short piece on fraud, please forward your articles or contributions to Craig Workman at craig77w@comcast.net.

Mr. Selwood will conduct a presentation on the John Black case.

Please join us for this interesting and relevant presentation.

ACFE Events

For upcoming program information and more details on the ACFE, go to www.acfe.com/.

Ideas

If you have a recommendation or idea for how we can improve the Chapter, please contact one of the Chapter officers.

Job Opportunity:

Michael Baker Corporation

The staff auditor at Michael Baker is an integral part of a small team and participates in all phases of the reviews and assignments. The Baker auditor designs and completes assigned audit steps for financial, operational and compliance audits. He/she is expected to analyze and document evidentiary data, make objective observations, assess efficiency of performance of the activities being reviewed, as well as always keep risk and fraud areas to the forefront. Audit findings are discussed by the staff auditor with operating personnel, for example, to verify facts and to formulate remediation plans. The staff auditor assists in the preparation of audit reports as well as recommendations for improving conditions.

Special reviews, investigations and other projects are often requested by management or the Audit Committee. The staff auditor will have the opportunity to perform both SOX related work as well as liaise with the external auditors. Most importantly, our team of auditors strives to foster collaborative relationships across all lines of management.

Qualifications include:

- Bachelor's degree in Business Administration, Finance, or Accounting.
- Two to three years of auditing experience preferred.
- CIA or CPA certification or desire to pursue.
- Proficiency in Microsoft Office Suite; experience with Oracle.
- Willingness to learn data interrogation software.
- Knowledge of GAAP and GAAS required as well as the requirements of SOX.
- Communication and presentation skills (written & oral) required.

Michael Baker Corporation (<http://www.mbakercorp.com>) provides engineering and operations and maintenance services for its clients' most complex challenges worldwide. The firm's primary business areas are aviation, environmental, facilities, geospatial information

technologies, pipelines and utilities, transportation, water/wastewater, and oil and gas. With more than 4,000 employees in over 50 offices across the United States and internationally, Baker is focused on delivering innovative and sustainable solutions for infrastructure and the environment. Michael Baker Corporation is ranked among the top 50 national design firms (ENR 2007).

We strive to instill a set of Core Values that include *Safety, Customer Commitment, Valuing Our People, Open and Honest Communications, Teamwork and Innovation.*

To apply for this position, please log on to www.mbakercorp.com/careers and reference **IRC29883** or email your resume to RROSS@mbakercorp.com

**We look forward to
seeing you at future
Chapter Events!**