



MMAAA Annual Meeting

Conducting an Investigative Audit

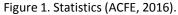
June 13, 2017

Presented by:

John J. Sullivan, CFE Melanson Heath

Association of Certified Fraud Examiners 2016 Global Fraud Study







Association of Certified Fraud Examiners 2016 Global Fraud Study

39.1% of cases were detected through tips by employees.

Most commonly victimized industries:

- Banking and financial services
- Government and public administration
- Manufacturing

Presence of anti-fraud controls was correlated with both lower fraud losses and quicker detection.



Categories of Fraud

Corruption

- 35.4% of cases
- \$200,000 median loss

Financial Statement Fraud

- 9.6% of cases
- \$975,000 median loss

Asset Misappropriation

- 83.5% of cases
- \$125,000 median loss
 (ACFE, 2016)



Corruption

Any scheme in which an employee misuses his or her influence in a business transaction to obtain an unauthorized benefit contrary to that person's duty to his or her employer.

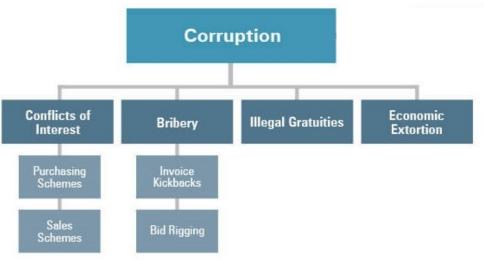




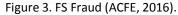
Figure 2. Corruption (ACFE, 2016).

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Financial Statement Fraud

Falsification of an organization's financial statements to make the organization appear more favorable than actuality.





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Recording Expenditures/Liabilities in the Wrong Period

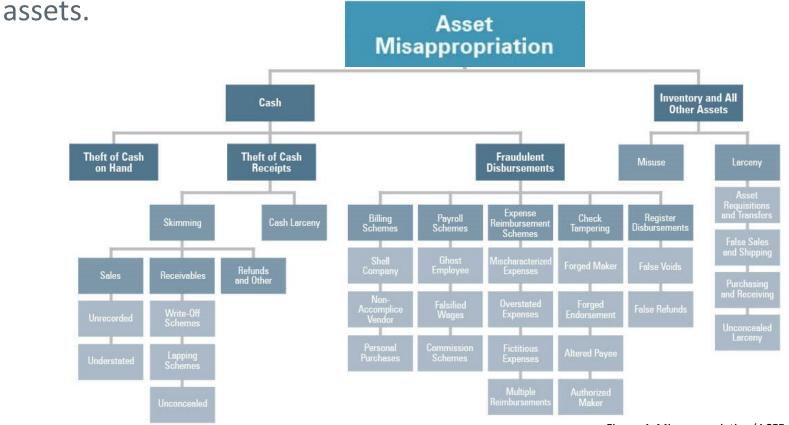
 No department may incur a liability in excess of their voted appropriation

 Any Town having unpaid bills of previous years which are unenforceable due to insufficient appropriation must seek additional appropriations



Asset Misappropriation

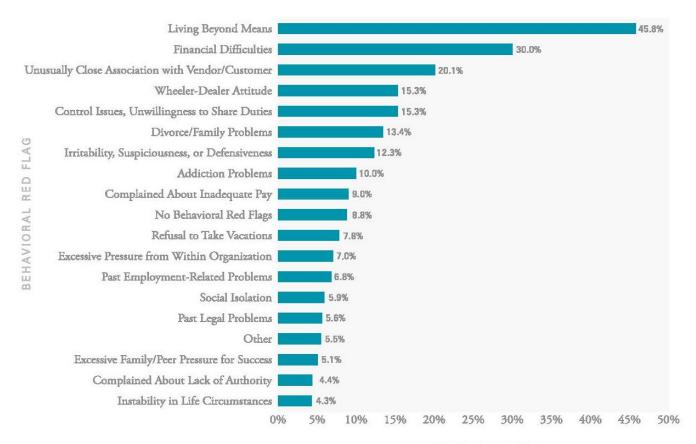
Any scheme involving the theft or misuse of an organization's







Fraud Detection Behavioral Red Flags



PERCENT OF CASES

Figure 8. Red Flags (ACFE, 2016).

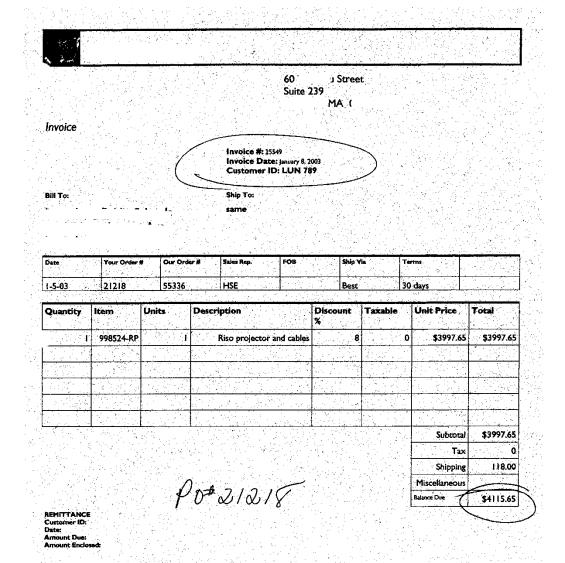


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Living Beyond Means

- Known in Town as a "High Flyer"
- Employee set up dummy company
- Frequently went to Treasurer to pick up checks to that vendor – rushed processing
- Approved bills initiated by himself and charged to his own budget accounts
- No verification of vendor when set up





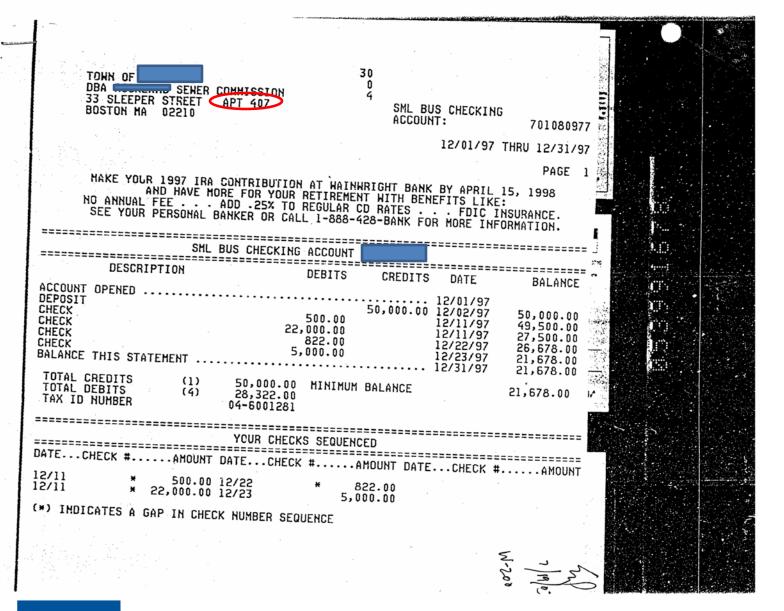
Remittance must be returned with coupon for discount.



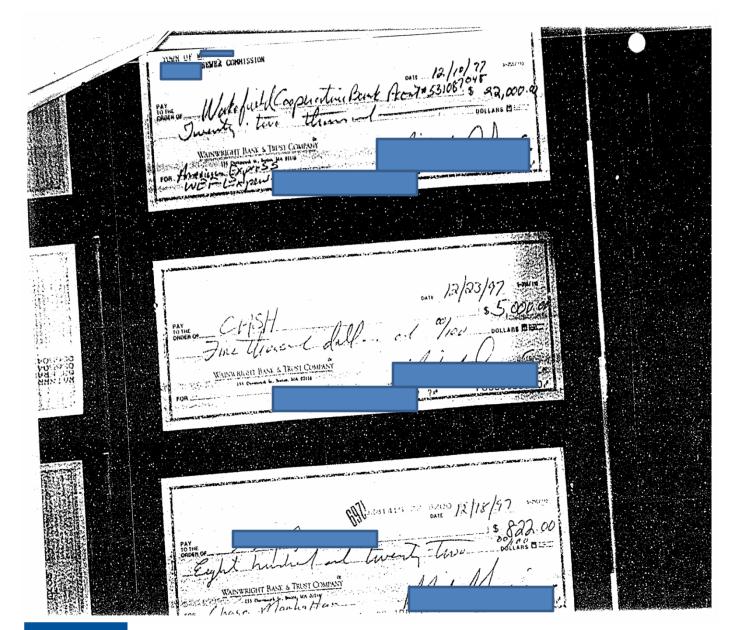
Close Relationship with Vendor

- Sewer Commission Superintendent and Regional Sales Manager had close relationship
- Wrote bid specs so that only this vendor would qualify (Sewer Operations Contractor)
- Allowance for capital purchases to be refunded if not spent
- Diverted refund checks to fake bank account controlled by Superintendent and Vendor Sales Manager











Drug Addiction Case

Clerk was a drug addict having twice been in rehab

 Rehired by the City working 3 days per week in busy office

No background check



How?

- Created Fraudulent Tax Refund Checks
- Used Excel Spreadsheet submitted with warrant instead of system generated list
- Used her Administrator level access to database and deleted transactions
- Little oversight
- Responsible for reconciling database
 - no segregation of duties



Results

- 131 potentially fraudulent tax refund checks
- \$530,482 in fraudulent checks
- \$117,383 in valid refunds still due to taxpayers
- 39 payees under suspicion
- Tax refund clerk is perpetrator



Red Flags - Receipts

- Change in timeliness of deposits
- Decrease in the amount of deposits.
- Decrease in the amount of currency in deposits
- Incorrect cutoff
- Inconsistent deposit dates





Treasurer Clerk Suspicious Behavior

- New Treasurer relied on experienced clerks
- Deposits and postings not being made timely
- Repeated attempts by Treasurer to help catch up dismissed
- Took money and documents home to work on at night
- Employee irritable and defensive

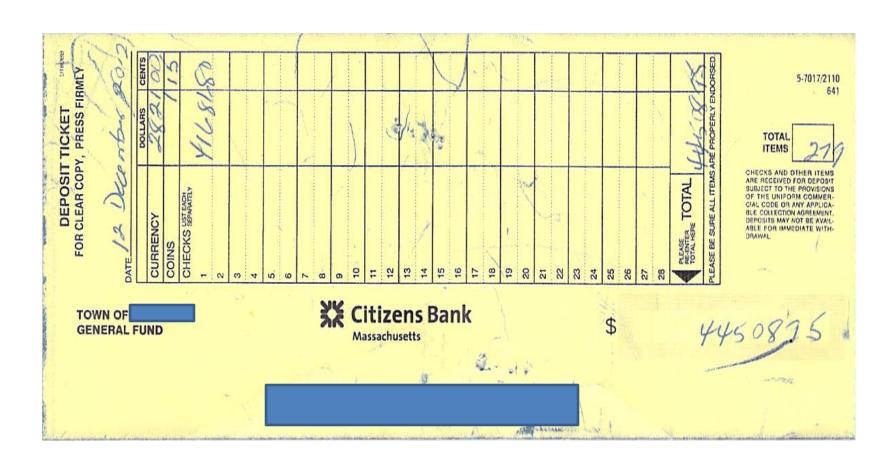


Check Switching Scheme

- Deposit Slip \$2,822.15 Cash, \$41,681.80
 Checks for a Total of \$44,508.95
- Treasurer's Receipts verify \$44,508.95 Posting
- Receipts Detail shows Library Revolving "All Checks" for \$6,049.11
- Departmental Turnover shows cash of \$5,420 in turnover of \$6,049.11



Departmental Turnover





. '	· r		y Receipts Packet Proof		
	Packet # 1164		ion DEPARTMENTAL	Fiscal Year 2013	3
Eff Date	TRCode	TR Code Name	Description FIREPLACE 965 WASHINGTON ST HANO	Reference	Amount Status
12/11 <i>/</i> 2012	01-241-4450-4455	PERMITS - BUILDING INSPECTOR	CAMILA LEE 263 PLAIN ST	1775 WASH (B) CK#7011	\$50.00 Validated
2/11/2012	01-241-4450-4458	PERMITS - WIRING INSPECTOR	MARK J MCLAUGHLIN 164 SILVER ST H	153 DEERFIELD (E) CK#176	\$50.00 Validated
2/11/2012	23-630-225-4233-0088	FEES - REC GENERAL PROGRAMS	P AND R - TO#P&R-48 11/30/12	CHILDREN FD - CK#435	\$15.00 Validated
2/11/2012	29-336-33-0000-00-0001	REV - CN LIBRARY REVOLVING	SUPERINTENDENT - STEVE	ALL CHECKS	\$352.53 Validated
2/11/2012	29-315-31-0000-00-0001	REV - ATHLETICS REV GATE &	SUPERINTENDENT - STEVE	FOOTBALL-MIDDLEBORO	\$1,552.00 Validated
			To	tal for CITIZENS MAIN	\$44,508.95
				Total for Deposit DV 12/11	\$44,508.95
				Report Total	\$44,508.95

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	Town of
'a	Treasury Receipts Packet Proof

	Packet # 1164	Packet Descript	tion DEPARTMENTAL	Fiscal Year 2013	
Eff Date	TRCode	TR Code Name	Description	Reference	Amount Status
	29-336-33-0000-00-0001	REV - CN LIBRARY REVOLVING	OUDERNITEAUDENT CITUE	ALL CHECKS	\$855.44 Validated
	29-336-33-0000-00-0001	REV - CN LIBRARY REVOLVING		\$1267.98CSH/\$288.46CKS	\$1,556.44 Validated
	29-336-33-0000-00-0001	REV - CN LIBRARY REVOLVING		\$834.91CSH/\$353.50CKS	\$1,188.41 Validated
	29-336-33-0000-00-0001	REV - CN LIBRARY REVOLVING		\$815.00CSH/\$165.74CKS	\$980.74 Validated
12/11/2012	29-336-33-0000-00-0001	REV - CN LIBRARY REVOLVING		ALL CHECKS	\$417.44 Validated
12/11/2012	89-210-960-4325	RCPTS - POLICE DETAILS	POLICE DEPARTMENT - DETAILS	ALL CHECKS	\$449.50 Validated
12/11/2012	29-337-35-0000-00-0001	REV - MS LIBRARY REVOLVING	SUPERINTENDENT	ALL CHECKS	\$6,049.11 Validated
12/11/2012	29-337-35-0000-00-0001	REV - MS LIBRARY REVOLVING		ALL CHECKS	\$602.23 Validated
12/11/2012	29-315-31-0000-00-0001	REV - ATHLETICS REV GATE &		FOOTBALL-SCITUATE	\$1,457.00 Validated
12/11/2012	01-422-5114	Salaries & Wages Perm F/T		GOKEY - MIIA CK#537338	\$1,516.76 W: Not a Revenu
12/11/2012	01-422-5114	Salaries & Wages Perm F/T		GOKEY - MIIA CK#537338	\$1,516.76 W: Not a Revenu
12/11/2012	23-630-225-4233-0088	FEES - REC GENERAL PROGRAMS		CHILDREN CWM - CSH	\$20.00 Validated
12/11/2012	23-630-225-4233-0088	FEES - REC GENERAL PROGRAMS		CHILD KK - 120CSH/280CKS	\$400.00 Validated
	23-630-225-4233-0088	FEES - REC GENERAL PROGRAMS		REC CTR \$21CSH/\$14CK	\$35.00 Validated
	01-433-4300-4242	FEES/MISC - TRANSFERS		\$1335.80CSH/\$308.80CKS	\$1,644.60 Validated
2/11/2012	01-433-4300-4242	FEES/MISC - TRANSFERS		CK#14552	\$3,404.80 Validated
12/11/2012	60-450-4220-4220	WATER SERVICES		ALL CHECKS	\$2,270.10 Validated
12/11/2012	60-450-4220-4220	WATER SERVICES		ALL CHECKS	\$2,600.00 Validated
12/11/2012	01-510-4400-4410	LICENSES - BOARD OF HEALTH		COMMON VIC CASH	\$75.00 Validated
12/11/2012	01-241-4450-4456	PERMITS - PLUMBING INSPECTO		40 MAPLEWD	\$60.00 Validated
12/11/2012	89-210-955-4450	RCPTS - PISTOL PERMITS (STATE		PISTOL PERMIT CK#1336	\$75.00 Validated
12/11/2012	01-210-4450-4450	PERMITS - POLICE DEPARTMENT		PISTOL PERMIT CK#1336	\$25.00 Validated
12/11/2012	01-241-4450-4455	PERMITS - BUILDING INSPECTOR		35 BARD ROCK (B) CK#1008	\$3,870.00 Validated
12/11/2012	01-241-4450-4455	PERMITS - BUILDING INSPECTOR		416 COLUMBIA (B) CK#8163	\$160.00 Validated
12/11/2012	01-241-4450-4458	PERMITS - WIRING INSPECTOR		926 BROADWAY (E) CK#794	\$150.00 Validated
2/11/2012	01-241-4450-4455	PERMITS - BUILDING INSPECTOR		26 BITTWERSWEET (ST)	\$50.00 Validated
	мę /	tağı t			,
12/11/2012	01-241-4450-4455	PERMITS - BUILDING INSPECTOR		10 GRAHAM HILL (ST)	\$50.00 Validated
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COL	LLC	UKS	COPY

Voucher #

SCHEDULE OF DEPARTMENTAL RECEIPTS

DEPARTMENT:	MIDDLE SCHOOL	DATE:	3/8/12
	STUDENT ACTIVITIES	<u> </u>	
FROM WHOM	RECEIPT DESCRIPTION	ACCOUNT NUMBER TO BE CREDITED	AMOUNT
ANASTASIADES	CK 2037	29-337-35-0000-00-0001	16.98
WHITNEY	CK 2043	29-337-35-0000-00-0001	20.69
PONGRATZ	CK 1461	29-337-35-0000-00-0001	61.56
LAROE	CK 2364	29-337-35-0000-00-0001	32.99
ACAMPORA	CK 4616	29-337-35-0000-00-0001	21.23
BYRNE	CK 335	29-337-35-0000-00-0001	18.05
TARBOX	CK 344	29-337-35-0000-00-0001	16.93
DEVLIN	CK 4549	29-337-35-0000-00-0001	31.79
WHITE	CK 1141	29-337-35-0000-00-0001	7.00
O'DOWD	CK 6300	29-337-35-0000-00-0001	20.17
KNIGHT	CK 1409	29-337-35-0000-00-0001	28.67
ARMSTRONG	CK 7668	29-337-35-0000-00-0001	10.00
HICKEY	CK 2127	29-337-35-0000-00-0001	27.50
GIOIOSO	CK 682	29-337-35-0000-00-0001	50.95
MONAHAN	CK 1354	29-337-35-0000-00-0001	20.00
KEADY	CK 1965	29-337-35-0000-00-0001	29.00
CASH		29-337-35-0000-00-0001	5,420.00
			\$6,049.11





Red Flags - Payroll

- Checks paid for an unreasonable amount of hours worked
- More than one employee with the same bank account number, SSN, or address
- Employees with no deductions for benefits
- Blank social security numbers for employees on payroll
- A terminated employee still on the payroll



Examples - Payroll Schemes

- Teachers were receiving grant stipends for work they were performing during their regular hours.
- Police lieutenant responsible for scheduling and reviewing payroll worked traffic details during regular schedule shifts.
- Employees took vacation and sick days, yet did not report them to payroll.



Examples - Payroll Schemes

- Employee responsible for entering payroll information had a son and a niece who also worked for the City. This employee would enter time for the relatives for which they never worked.
- Supervisor went to a staff member and ordered the employee to submit overtime for which the employee didn't work. The supervisor then required the employee to pay over the money received for the overtime that the employee never worked.



Employee Issued Payroll Checks

- Employee produced checks and reconciled payroll bank account
- Possession of rubber stamp with Treasurer signature
- Used blank manual and alignment checks
- Checks to former employees converted to personal use



City of Summary Unauthorized Checks Endorsed by ----September 2, 1999 to February 2, 2001

		_	
Check#	Amount	Date <u>Cashed</u>	
City Hall Administration A	ccount Alignmen	nt Checks Payabl	e to Accused
46388 47354 47819 48817 48818 48977 44454 44453 49116 49117 49399 49547	795.04 795.04 795.04 449.57 795.04 830.63 830.63 449.37 830.63 830.63 830.63 830.63 9,095.55	09/29/00 10/05/00 10/26/00 12/18/00 12/22/00 01/09/01 01/11/01 01/19/01 01/22/01 02/01/01 02/13/01 02/23/01	
Undelivered Sch	ool Department	Employee Retroa	ctive Checks
161966 161965 161998	621.91 1,035.49 626.14 2,283.54	02/07/01 02/16/01 02/07/01	
School Department Manu	ual Checks Issue	ed to Former Emp	oloyees
93792 93789 93760 93752 93800 93801 93808 93814 93802 93816 93886 93887 93887 93886 93886	234.66 559.12 866.54 863.41 221.64 209.48 755.68 847.10 777.21 755.68 271.07 821.44 717.94 900.97 969.08 997.60	12/23/99 12/27/99 12/03/99 09/07/99 05/26/00 06/16/00 07/12/00 07/13/00 06/26/00 06/15/00 07/31/00 08/18/00 09/01/00 09/08/00	



City of Summary Unauthorized Checks Endorsed by ----September 2, 1999 to February 2, 2001

Check #	Amount	Date <u>Cashed</u>
93828 93830 93884 93881 93883 93876 93875	845.65 352.93 1,066.18 742.43 862.40 1,262.40 1,202.46	09/15/00 09/20/00 09/28/00 10/10/00 10/19/00 11/09/00
93874 93832 93833 93834 93798 93836 93840 93790	1,205.04 445.39 903.62 458.04 963.06 862.40 1,035.49 227.35 23,203.46	11/28/00 12/18/00 12/19/00 12/20/00 12/26/00 01/04/01 02/01/01 01/18/00
nortment Alian	mont Chocks Is	auad ta Farm

School Department Alignment Checks Issued to Former Employees

135724	777.21	08/10/00
135725	669.54	07/24/00
108027	742.43	10/13/99
109192	271.07	09/30/99
111024	412.81	09/14/99
111025	221.31	09/20/99
117227	276.93	12/22/99
117228	309.39	12/13/99
118588	468.07	12/10/99
	4.148.76	

Grand Total \$ 38,731.31



Red Flags - Disbursements

- Invoices that appear unusual
- Complaints from employees or vendors
- Vendors with the same address as employees
- Internal invoices
- Photocopied invoices
- Self approved reimbursements
- Missing, incomplete or altered documentation



Misuse of Petty Cash Account

- \$300 petty cash account
- Submitted vouchers but not supporting receipt slips
- Frequent reimbursements of petty cash greater than the \$300 limit
- Employee in position to process and approve transaction



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District Petty Cash Use

Fiscal 1997 \$ 23,559.73

Fiscal 1998 32,899.58

Fiscal 1999 12,807.60

Fiscal 2000* <u>591.20</u>

TOTAL \$ 69,858.11

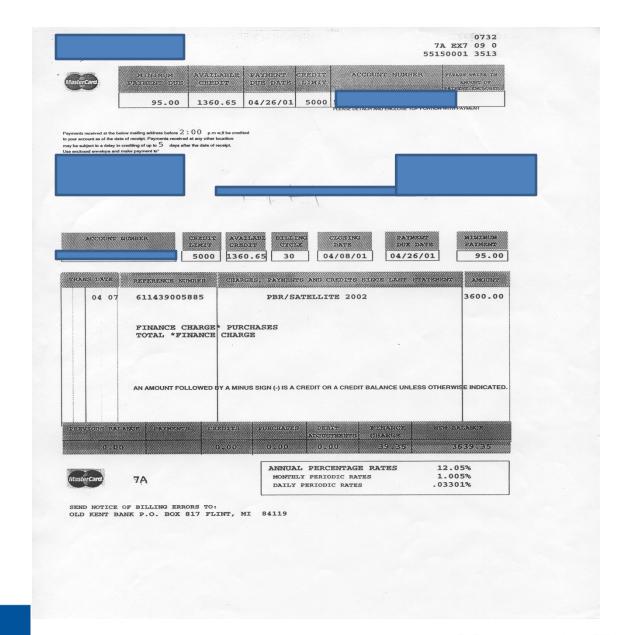


^{*}Fiscal 2000 total as of May 23, 2000.

Fraudulent Reimbursement

- Credit card statement submitted without supporting invoice
- Clearly altered as statement indicates no transactions in summary information at the bottom of statement
- Inadequate description of purchase







Another Credit Card Reimbursement

- Credit card statement with no receipt backup
- Item never purchased
- Information does not line up
- Does not look like typical credit card statement



account information call 1-80 to thereps of address or new tel	0-828-2558 sphone number below	www.mbnanetaccess.com CARDHOLDER SINCE 1993	PAYMENT DUE DATE O1/11/02 TOTAL MARINUM FATMENT DUE BETACH TOP PORTION AND RETURN WITH PAYMENT A 01462-440010
	State Zip	11	

Purchases and Adjustments

11/11

REGINARGE SCHEDULE Pictor Rededio Rejo ACIVAÇÕE	Corresponding Annual Parcentage Rate	Balance Subject to Finance Charge	FOR YOUR SATISFACTION, EVERY HOUR, EVERY DAY For Gestome Salatedon advar in historicité activiste interestion joua- bilisso, analytic coult, payment levelled, payment due, the data, payment adjuste internation, at le imperie diophila shaperain, adj. 2002.2885.29
BALANCE TRANSFERS, CHECKS 0.062958% DI ATM, BANK	LY 22.98%	\$53.83 \$1,536.99 \$6,246.92	 For TDD (Felecommunication Device for the Death established, cell 1-800-346-3178). Mail psyments to: MBNA AMERICA, P.O. BOX 15187, WILMINGTON, DE 16086-5137.
178 BLING PERIOD: 22.989			 Billing rights are preserved only by written inquiry. Mail billing inquiries, unlarge term on the back, and other inquiries for. MBNA_AMERICA_P.O. BOX 15026_WILMINGTON_DE 19850-5026.
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MELANSON HEATH ACCOUNTANTS • AUDITORS

PAGE 1 OF 1 IVIELANSUNHEATH.COM

Off Book Bank Accounts

- Student Activity Account \$6M
- Library Trustee Account- \$800K
- Friends of Senior Center \$30K
- Petty Cash Checking \$400K



Off-Books Bank Accounts

- All accounts were not on City/Town general ledger
- All accounts were not held by or reconciled by Treasurer or Independent Party.
- Individual had control of bank account and related accounting records



How to Locate Off-Book Accounts

- Treasurer sends a letter to all banks in the area (not just banks used by the City/Town) asking for all accounts under the FID of the City/Town
- Identify possible unknown accounts:
 - Schools
 - Libraries
 - Senior Centers
 - Recreation Departments



How to Locate Off-Book Accounts

- Assess relationships with outside support organizations
 - Friends of Library
 - Friends of Senior Center
 - Booster Clubs
 - Parent Teacher Organizations
 - Recreation Groups using City/Town Facilities



Fraud Prevention

- Risk Assessment
- •Internal Controls
- Perception of Detection
- Management Tone
- •Fraud Policy
- Whistleblower Hotline





Risk Assessment

What is Risk Assessment?

Risk assessment is a discipline for dealing with the possibility that some future event will cause harm. It provides strategies, techniques, and an approach to recognizing and confronting any threat faced by your organization in fulfilling its mission.



Risk Assessment

Three Basic Questions:

- 1) What can go wrong?
- 2) What will we do (both to prevent the risk event from occurring and in the aftermath of an "incident"?
- 3) If something happens, how will we pay for it (what are the costs)?



Fraud Policy

- Protection for the Organization
- Protection for the Employees
- Enforces Management Tone
- Provides Necessary Guidance



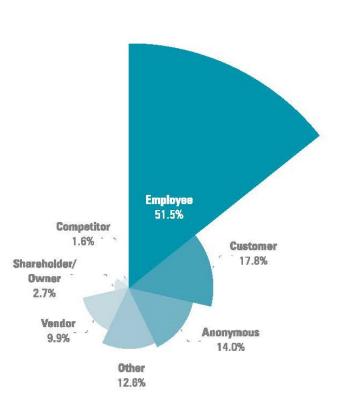
MHCO can Provide Sample Model Policies



Fraud Detection Sources of Tips

Insiders

- Employee
- Governing Board
- Management



Outsiders

- Auditor
- Bank
- Vendor
- Customer
- Citizen



Figure 7. Tips (ACFE, 2016).

INTERNAL OR EXTERNAL INVESTIGATION

- In-House Resources
- Expertise
- Independence and Conflicts
- Notification to Local Police
- Inform Legal Council
- Inform You Auditors



WHEN TO CONFRONT EMPLOYEE

Early in the Investigation

- Advantages
 - Likelihood of Confession?
 - Obtain Key Information
- Disadvantages
 - Alerts Suspect
 - Ability to Destroy or Alter Evidence
 - Influence Potential Witnesses



WHEN TO CONFRONT EMPLOYEE

LATE IN THE INVESTIGATION

- The more known about the evidence the better to detect lies or misinformation
- Ability to challenge defensive responses
- The devil is in the detail
- More likely to obtain a confession



PROTECT EMPLOYEE RIGHTS

- May Jeopardize Future Proceedings
- Lawsuit Against You or Your Government
- Required by Law or Policy
- It is the Right Thing to Do



PROTECT EMPLOYEE RIGHTS

- Place on Leave
- Miranda Rights
- Right to Counsel or Union Rep
- Right to Privacy
- Right to Safety (non-threatening)
- Right to Due Process



PRESERVATION OF EVIDENCE

- Chain of Custody
- Secure Records
- Where to Store Records
- DO NOT Mark on or Write on Originals
- Secure Originals Retain Copies for Files



References

 Association of Certified Fraud Examiners (ACFE). (2016). Report to the Nations on Occupational Fraud and Abuse: 2016 Global Fraud Study. Austin, TX: ACFE Global Headquarters.

