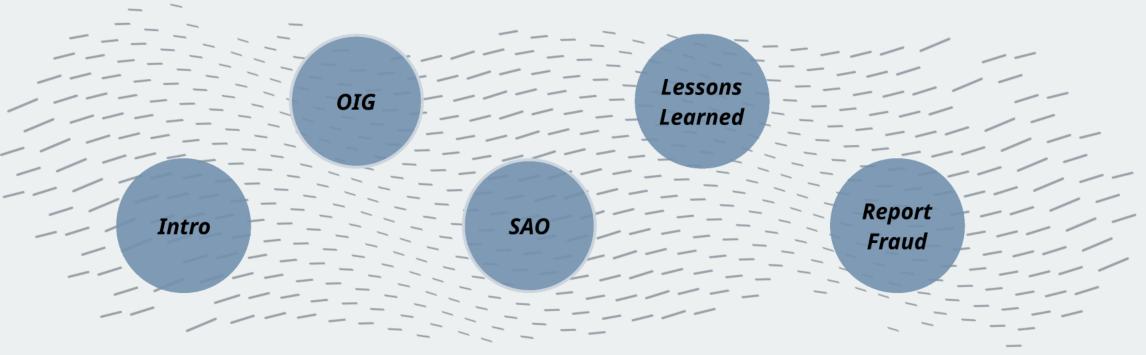
OIG and SAO Present: Mitigating Fraud w/ Control and Security







Presenters



Nigel Lange Inspector General



Richard Schneider Deputy I.G.

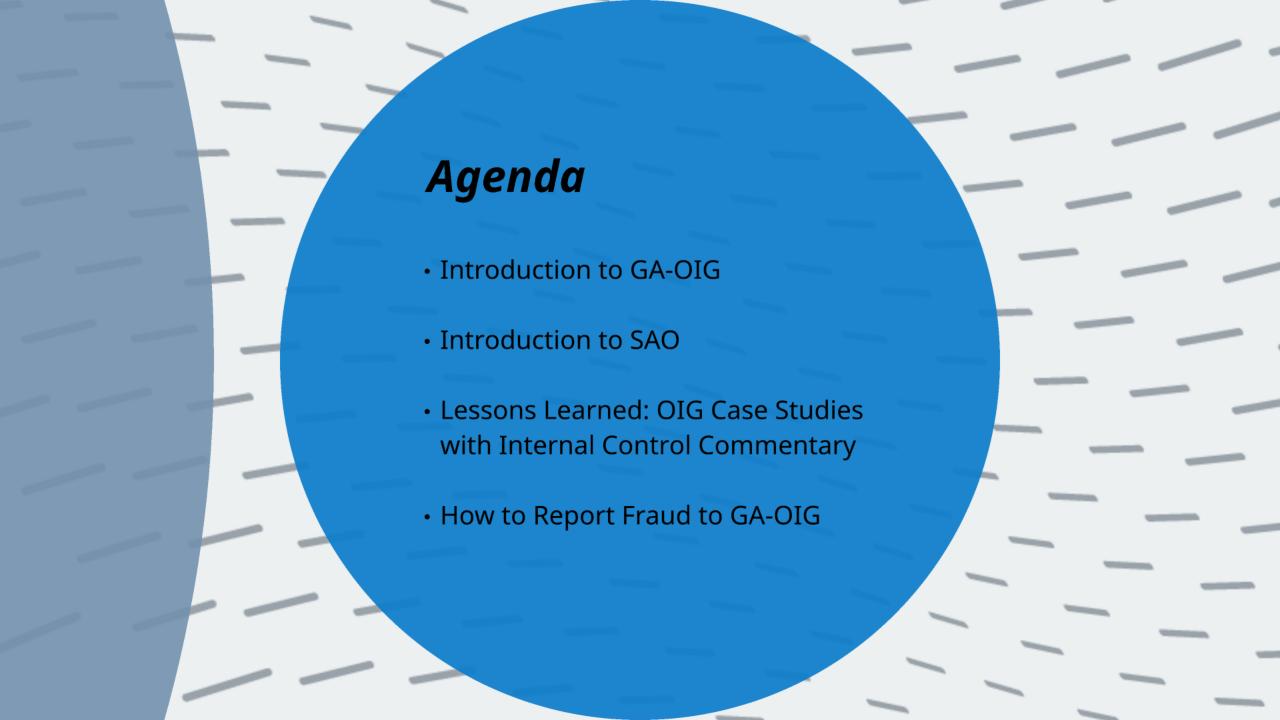


Ian Sperin OIG Investigator

Agenda



Rachael Krizanek SAO - Director Internal Controls and Policy





Established via Executive Order in 2003 (Gov. Purdue).

Gained statutory and law enforcement authority in 2023.

Total staff of 12 with 8 POST certified officers (Vacant Criminal Analyst and Investigator positions).

Mission

Authority

OIG Mission

Our mission is to promote transparency and accountability in state government.

OIG diligently investigates fraud, waste, abuse, and corruption in the executive branch.

We work to promote effective controls, improve agency policies and procedures, and identify opportunities for efficiency.

We also provide statewide oversight of sexual harassment investigations.

Authority

Investigate fraud, waste, abuse, and corruption in the executive branch of state government.

- Includes criminal investigations, administrative investigations of ethics complaints, and evaluations/ inspections.
- Authority to enter upon the premises of any state agency at any point without prior announcement
- Authority to question any official, officer, or employee serving in the agency and may inspect and copy any books, records, or papers in the possession of the agency.



Authority Cont.

- Compel production of documents and records through administrative subpoenas.
- Administer oaths and examine witnesses under oath.
- Conduct impartial sexual harassment investigations and audit compliance with the Statewide Sexual Harassment Prevention Policy.
- Conduct fraud awareness and ethics training.



THE STATE OF GEORGIA

EXECUTIVE ORDER

BY THE GOVERNOR:

PREVENTING SEXUAL HARASSMENT IN THE EXECUTIVE BRANCH OF GOVERNMENT

WHEREAS: The State of Georgia does not tolerate sexual harassment in the workplace, and the State of Georgia is committed to providing a harassment freeworkplace and environment for its employees and all citizens who interact with state government; and

Responsibilities and Values

Georgia - SAO

Established via Executive Order in 2004 (Gov. Purdue)

Realignment of the state's financial reporting and financial system responsibilities under a single State Accounting Officer (SAO)



Values

Integrity - Do the right thing.

Accountability - Take ownership.

Reliability - Do what you say you will do.

Service Excellence - Exceed customer expectations.

BEC vs.
Spoofing

BEC Case
Study 1

Spoof Case
Study 1

Lessons Learned: OIG Case Studies

- Business Email Compromise (BEC) Threats
- Spoofing Email Threats
- Independent Document Verification
- Employee Oversight (Internal Threats)
- Vendor Oversight (External Threats)

Spoof Case Study 2

Document Verification

Employee & Vendor Oversight

What is a BEC Scheme?

 Business Email Compromise or Account Takeover Schemes involve compromised email accounts used by perpetrators of fraud to make requests from valid email accounts.

 Compromised account typically used to initiate change of vendor's banking information to redirect legitimate payments. **Spoofing**

Statistics

Spoofing

- Similar to BEC, except the perpetrator does not have access to the legitimate email account.
- Typically, the perpetrator will register a similar domain and imitate a legitimate vendor email.
- For example:
- oig.georgia.gov vs oig.georiga.gov or www.iamgoodipromise.com vs. www.iangoodipromise.com

FBI'S IC3 Statistics

2023 CRIME TYPES

By Complaint Count		
Crime Type	Complaints	Crime Type
Phishing/Spoofing	298,878	Other
Personal Data Breach	55,851	Advanced Fee
Non-payment/Non-Delivery	50,523	Lottery/Sweepstakes/Inh
Extortion	48,223	Overpayment
Investment	39,570	Data Breach
Tech Support	37,560	Ransomware
BEC	21,489	Crimes Against Children
dentity Theft	19,778	Threats of Violence
Confidence/Romance	17,823	IPR/Copyright and Coun
Employment	15,443	SIM Swap
Government Impersonation	14,190	Malware
Credit Card/Check Fraud	13,718	Botnet
Harassment/Stalking	9,587	
Real Estate	9,521	

FBI'S IC3 Statistics

2023 CRIME TYPES continued

By Complaint Loss			
Crime Type	Loss	Crime Type	Loss
Investment	\$4,570,275,683	Extortion	\$74,821,835
BEC	\$2,946,830,270	Employment	\$70,234,079
Tech Support	\$924,512,658	Ransomware*	\$59,641,384
Personal Data Breach	\$744,219,879	SIM Swap	\$48,798,103
Confidence/Romance	\$652,544,805	Overpayment	\$27,955,195
Data Breach	\$534,397,222	Botnet	\$22,422,708
Government Impersonation	\$394,050,518	Phishing/Spoofing	\$18,728,550
Non-payment/Non-Delivery	\$309,648,416	Threats of Violence	\$13,531,178
Other	\$240,053,059	Harassment/Stalking	\$9,677,332
Credit Card/Check Fraud	\$173,627,614	IPR/Copyright and Counterfeit	\$7,555,329
Real Estate	\$145,243,348	Crimes Against Children	\$2,031,485
Advanced Fee	\$134,516,577	Malware	\$1,213,317
Identity Theft	\$126,203,809		
Lottery/Sweepstakes/Inheritance	\$94,502,836		



Losses by State*								
Rank	State	Loss						
1	California	\$2,159,454,513						
2	Texas	\$1,021,547,286						
3	Florida	\$874,725,493						
4	New York	\$749,955,480						
5	New Jersey	\$441,151,263						
6	Pennsylvania	\$360,334,651						
7	Illinois	\$335,764,223						
8	Arizona	\$324,352,644						
9	Georgia	\$301,001,997						
10	Washington	\$288,691,091						
11	Virginia	\$265,073,590						
12	Massachusetts	\$235,890,173						
13	North Carolina	\$234,972,238						
14	Maryland	\$221,520,527						
15	Michigan	\$203,445,988						

Emails & Phone Calls

BEC Case Study 1

- State agency prompted for bank account change by vendor from valid email domain/valid email account.
- The request defeated existing controls and resulted in \$800,000+ loss. Timely notification resulted in \$400,000+ recovery.
- Subjects identified, investigated, indicted, arrested, and convicted.

Controls

Risk

Prevention

Outcome

Hi

I just got off the phone with our finance department and they are requesting that our next payment be sent to our International company account because of the high charges we are already incurring on our account and we are as well trying to reduce our tax rate. Kindly let me know if this is possible from your end. We will appreciate it. Sorry for any inconveniences caused.

Thanks so much again!

Hi

Section 2 is blank because this account is our International company account and does not have Routing number but SWIFT CODE.

I have included the account number in the VMF form and also the intermediary bank is included in the bank verification letter attached.

We choose to use this account from now on because of the high charges we are incurring on our accounts and we are as well trying to reduce our tax rate.

Thanks

Hi

Ok thanks, I have refilled the VMF form with our Regions banking details and a letter from the bank too. 'ease see that it is updated and if you need anything, do no hesitate to let me know. 'panks so much again!

The ACH information has been changed as requested.

Phone Call Verification

Record Id: Date Direction	Calling Number	Ų.	Called Number	Call Duration	Total Duration
12/20/2018 11:21 Terminating		_	+1-404-	0:00:07	0:00:25
12/20/2018 11:22 Terminating		_	+1-404-	0:00:11	0:00:29
12/20/2018 11:24 Terminating		_	+1-404-	0:00:12	0:00:30
12/20/2018 11:25 Terminating		_	+1-404-	0:00:08	0:00:26
12/20/2018 11:25 Terminating		_	+1-404-	0:00:11	0:00:29
12/20/2018 11:33 Terminating	+1-678-586-4075	_	+1-404-	0:00:10	0:00:28
12/20/2018 11:36 Terminating	+1-678-586-4075		+1-404-	0:00:10	0:00:28
12/20/2018 11:39 Terminating	+1-678-586-4075		+1-404-	0:00:09	0:00:27
12/20/2018 11:52 Terminating	+1-678-586-4075	_	+1-404-	0:00:08	0:00:27
12/20/2018 11:56 Originating	+1-678-586-4075	_	+1-404-		0:00:24
12/20/2018 11:56 Terminating	+1-678-586-4075	_	+1-404-		0:00:24
12/20/2018 11:57 Originating	+1-678-586-4075	_	+1-404-		0:00:24
12/20/2018 11:57 Terminating	+1-678-586-4075	_	+1-404-		0:00:24
12/20/2018 11:58 Terminating	+1-678-586-4075	_	+1-404-	0:00:11	0:00:29
12/20/2018 11:59 Terminating	+1-678-586-4075	_	+1-404-		0:00:24
12/20/2018 11:59 Originating	+1-678-586-4075	_	+1-404-		0:00:24
12/20/2018 12:16 Terminating	+1-678-586-4075	_	+1-404-	0:00:11	0:00:29
12/20/2018 12:35 Terminating	+1-678-586-4075	_	+1-404-	0:00:11	0:00:29
12/20/2018 13:01 Terminating	+1-678-586-4075	_	+1-404-	0:00:09	0:00:27
12/20/2018 13:03 Terminating	+1-678-586-4075	_	+1-404-	0:00:07	0:00:15
12/20/2018 13:08 Terminating	+1-678-586-4075	_	+1-404-	0:00:07	0:00:25
12/20/2018 13:11 Terminating	+1-678-586-4075	_	+1-404-	0:00:05	0:00:23
12/20/2018 13:13 Originating	+1-678-586-4075	_	+1-404-		0:00:24
12/20/2018 13:13 Terminating	+1-678-586-4075	_	+1-404-		0:00:24
12/20/2018 13:52 Terminating	+1-678-586-4075	_	+1-404-	0:00:11	0:00:29
12/20/2018 13:54 Originating	+1-678-586-4075	_	+1-404-		0:00:09
12/20/2018 13:54 Terminating	+1-678-586-4075	_	+1-404-		0:00:09
12/20/2018 13:56 Originating	· ·	_	+1-404-		0:00:11
12/20/2018 13:56 Terminating		_	+1-404-		0:00:11
12/20/2018 14:25 Terminating		_	+1-404-	0:01:51	0:01:59
12/20/2018 14:30 Terminating		_	+1-404-	0:02:28	
12/20/2018 14:36 Terminating	+1-678-586-4075	-	+1-404-	0:01:43	0:01:49

Phone Call Verification

Username jameszero Phone;Number +1;678-586-4075 Name

Email

DOB

Phone;Ownership;From 2/5/2012 2018-12-20;05:00:00;UTC

Phone;Ownership;To;;;;;;; 2018-12-21;04:59:59;UTC;;;;;;;

Phone Call Verification

- Suspect informed of phone call verification requirement.
- Suspect registers and uses Atlanta area code number via free service to conduct verification.

- Suspect called 32 times in 3 hour time period.
- This is why we recommend hanging up and calling known number.

Do you want account for good money or for F money

Status: Read Platform: Mobile

9/14/2022 4:23:29 PM(UTC+0)

Do you want account for good money or for F money

Status: Read Platform: Mobile

9/14/2022 4:23:29 PM(UTC+0)

Cezch republic client dating job local payment but if you can get Revolut bank account better

Do you want account for good money or for F money

Status: Read Platform: Mobile

9/14/2022 4:23:29 PM(UTC+0)

Cezch republic client dating job local payment but if you can get Revolut bank account better

The are asking for %?

Do you want account for good money or for F money

Status: Read Platform: Mobile

9/14/2022 4:23:29 PM(UTC+0)

Cezch republic client dating job local payment but if you can get Revolut bank account better

The are asking for %?

20% and must be client

Do you want account for good money or for F money

Status: Read Platform: Mobile

9/14/2022 4:23:29 PM(UTC+0)

Cezch republic client dating job local payment but if you can get Revolut bank account better

The are asking for %?

20% and must be client

I need account for 22k ach payment yankee

Do you want account for good money or for F money

Status: Read Platform: Mobile

9/14/2022 4:23:29 PM(UTC+0)

Cezch republic client dating job local payment but if you can get Revolut bank account better

The are asking for %?

20% and must be client

I need account for 22k ach payment yankee

Us account

What about Internal Controls?

Remember Internal Controls

- A process that provides reasonable assurance that the objectives of the organization will be achieved.
- Not one event, but a series of actions that occur throughout an organization's operations.

Internal Control Design

Control activities to help prevent fraud had been designed by the agencies who process requests, such as:

- Separation of duties
- Documentation
- Independent verification
- Phone call verifications

Note: some of these are preventative controls which are preferred as they *prevent errors from occurring*. As opposed to detective which *detects errors or irregularities after it occurs*.

Internal Control Takeaways

After a fraud or loss occurs, the internal control process should be reviewed to determine if:

- Internal controls were designed properly, however, they were not executed as designed.
- Design of the internal control system needs to be updated to mitigate a risk that was discovered (i.e., reason the fraud or loss had occurred).

Internal Control Breakdowns

The loss occurred both from the way in which the employees executed the controls and the control design:

- Errors in documentation went unnoticed (prior bank account number off by one digit).
- Emails to perpetrators informing them phone call verification was required.
- Phone call verification accepted from unknown number, not a phone number on file.

Organizational Risk

- Negative media attention
- Loss of taxpayer funds
- Future Audit
- Potential to testify in criminal trial
- Time loss due to investigative steps
- Loss of personnel due to discipline

Two convicted of cyber fraud scheme targeting small business, private citizens

The Albany Herald, Ga.

September 18, 2024 · 4 min read





ATLANTA - Attorney General Chris Carr has announced that Ugochinyere

Anazodo, 46

Windermere

NEWS

Man ordered to pay over \$1 million in restitution after scamming GA victims in cyber fraud scheme











By WSBTV.com News Staff

September 11, 2024 at 1:36 pm EDT



Continuous Education and Training

Separation of Duties and Documentation

Verification of account status and name match (financial risk assessment)

Validate Change to Banking Information Outside Email

Automatic Mailings/Notification

Case Outcome

Ugochinyere Anazodo

- Jury trial conviction for RICO, Theft by Taking, Money Laundering
- Sentenced to 20 years, 10 years of confinement, balance on probation.
- Joint restitution of \$1,174,928.79

Dominique Beaulieu

- Negotiated plea for RICO
- Sentenced to 5 years, 2 years of confinement, balance on probation.
- Joint restitution of \$1,174,928.79





OIG Spoofing Case Recovery

- OIG receives complaint from non-profit which receives state funding.
- Organization reported a loss via suspected BEC/spoofed email from vendor.
- OIG confirmed the email address was one character different than the correct email address.
- OIG contacted receiving financial institution and confirmed funds were held and facilitated process of sending a "hold harmless" letter.
- Total amount of fraudulent EFT recovered in 30 days (\$44k).

Internal Control Breakdowns?

- Employee who processed the request did not spot the incorrect email domain.
- No verification conducted with vendor outside email communications prior to bank information change.
- No communication with the vendor of the successful change of their banking information.

Note on Loss, Jurisdiction, and Prosecution

- Recovery of stolen funds is a successful outcome.
- Often, suspects are outside our jurisdiction.
- Prosecution efforts are limited by investigative resources, prosecutor resources, and loss amount.
- Discretion is used when pursuing criminal investigations.



- Recent complaint (FY25) regarding a loss associated with another spoofed email.
- Diverted payment resulted in a diverted EFT of \$700k+.
- Funds were held by the receiving financial institution.
- Recovery of full loss amount pending.

Computer Theft

United States v Karen Lyke

- Complaint referred to OIG by a state agency in 2019.
- Two computers were ordered for benefit recipients, neither recipients received or knew about the computers, despite signed receipt forms on file.
- Both recipients interacted with the same state employee, Karen Lyke (formerly Karen Gregory).
- Review of the forms suggested signatures were forged and a third benefit recipient was identified by OIG.

Big Discoveries Outcome

Controls

Computer Theft

- The total loss for the three computers totaled over \$19,000.
- When questioned, Lyke admitted to fraudulently ordering the computers and selling them on eBay.
- Based on the evidence and forged documentation, OIG believed it was possible other documentation had been fraudulently created.
- OIG then conducted a review of all 425 benefit recipients managed by Lyke from 2015-2019.

Example 1

Big Discoveries

- 14 fictitious recipients identified who received education assistance based on falsified information.
- Recipients reported to be studying at GA Tech, UGA, Atlanta School of Massage, or other schools.
- OIG confirmed all college-related documents were fraudulent documents.
- Hundreds of pages of documents, including FAFSA forms, term schedules, syllabi, purchase receipts, tuition bills; all falsified.
- Recipients were all friends and relatives of Lyke.
- Over 200 checks exceeding \$1.3 million in funds sent to PO Boxes controlled by Lyke from 2016-2020.

Example 2

Example - Falsified Tuition and Fees

to Stafford and Other Loans.

Anticipated third party contract payments, financial aid, and memos are NOT included in this summary. For expected payments of Financial Aid grants, scholarships, HOPE, Perkins, etc., go to the <u>Award Payment Schedule</u>.

For expected payments of Financial Aid Stafford/Unsubsidized/Service/PLUS loans go

40 81011010	and during bounds		
Summary			
Account Bal	ance:		\$10,741.00
Summer 2018	1		, ,
Detail Code	Description	Charge	Payment Balance
ACFD	Activity Fee	\$52.00	\$52.00
ATHF	Athletic Fee	\$0.00	
UGAC	Connect UGA Fee	\$20.00	\$20.00
GREF	Green Fee	\$2.00	0.00
HLTH	Health Fee	\$133.00	
RECF	Recreation Center Fee	\$10.00	
STCF	Special Institutional Fee	\$450.00	
TECH	Technology Fee	\$76.00	
TRFD	Transportation Fee	\$77.00	
SPIF	Student Center- Facility	\$50.00	
GIST	Graduate -In-State Tuition	\$9,871.00	
Term Charge	es:	\$10,741	.00
Term Credit	ts and Payments:		\$0.00
Term Balan	-		\$10,741.00

Example - Falsified Transcript

Academic Transcript



This is not an official transcript. Courses which are in progress may also be included on this transcript.

Student ID Home: Business: Email Email Address	Birthdate: Birthdate Cell: (678) Cell Phone Other Phone:	Mr. Kevin Michael Gregor Address Lawrenceville GA 30046
---	--	---

		SCREDU	
Click here	for a	printable	version

Meeting	CRN	Section	Course	Sess	Course Title	Hr Grd	Instructor	Location
N/A	7955	G	IT3661	Full Session	Internet Working	3	Orwig, R	Online
	7994	OLB	BUSA3130	Full Session	Business Information Center	3	Smatt, C	Online -
	8130	OLI	BUSA3800	Ful! Session	Srvy of Legal Env of Business	3	Childs, M	Online -
N/A	7779	OL2	113440	Full Session	Principles of Internet		Murdock,	Online -

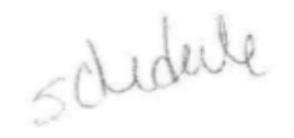
ACADEMIC INFORMATION First Term Enrolled: Summer 2016 Hours: 56.00 Last Term Enrolled: Spring 2018 Last Term Accepted: Summer 2016 GPAs UGA Overall Last Term Graduate 4.00 4.00 Fall 2017 4.00 Cumulative 4.00 Current Major(s): Master's in Technology Academic Standing: Good Standing Current Minor(s): Advisor: Advisor Name Current Status: Enrolled Advisor Email Email Address Juga.edu Campus: Athens Campus

Department: Internet Technology Advisor Location: Nesbitt 5118

ACADEMIC HISTORY Course Title

Credit Hours

Academic Transcript



This is not an official transcript. Courses which are in progress may also be included on this transcript.

Student ID

Home:

Business:

Birthdate: Birthdate

Cell: (678) Cell Phone

Other Phone:

Mr. Kevin Michael Gregory

Address

Lawrenceville GA 30046

Email Email Address

Spring 2018 SCHEDULE Click here for a printable version

Meeting Time	CRN	Section	Course	Sess	Course Title	Hr Grd	Instructor	Location
N/A	7955	G	IT3661	Full Session	Internet Working	3	Orwig, R	Online
N/A	7994	OLB	BUSA3130	Full Session	Business Information Center	3	Smatt, C	Online -

Spring 2018 SCHEDULE Click here for a printable version

Meeting Time	CRN	Section	Course	Sess	Course Title	Hr Grd	Instructor	Location
	7955		IT3661	Full Session	Internet Working	3	Orwig, R	Online
N/A	7994	OLB	BUSA3130	Full Session	Business Information Center	3	Smatt, C	Online -
N/A	8130	OL1	BUSA3800	Full Session	Srvy of Legal Env of Business	3	Childs, M	Online -
N/A	7779 (OL2	T3440		Principles of Internet		Murdock,	Online -

ACADEMIC INFORMATION

First Term Enrolled: Summer 2016

Last Term Enrolled: Spring 2018

Last Term Accepted: Summer 2016

Hours: 56,00

GPAs UGA Overall Last Term

Graduate 4.00 4.00 Fall 2017

4.00

Cumulative 4.00

Current Major(s): Master's in Technology

Academic Standing: Good Standing

Current Minor(s).

ACADEMIC INFORMATION

First Term Enrolled: Summer 2016

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Last Term Accepted: Summer 2016

Hours: 56,00

GPAs. UGA Overall Last Term

Graduate 4.00 4.00 Fall 2017

Academic Standing: Good Standing

4.00

Cumulative 4,00

Current Major(s): Master's in Technology

Current Minor(s):

Advisor: Advisor Name

Schedule an

appointment

Advisor Email Email Address Juga.edu

Department: Internet Technology Advisor Location: Nesbitt 5118

Term

Current Status: Enrolled

Campus: Athens Campus

ACADEMIC HISTORY

Course Title

Credit Hours

Grade

Course

Outcome

- Lyke and her (ex) husband, Kevin Gregory, pled guilty in federal court to Conspiracy to Commit Federal Program Theft.
- Lyke sentenced to 5 years in federal prison, Gregory sentenced to 4 years; both ordered to restitution (\$1,347,531.76).
- Before surrendering to prison, Lyke passed away.

Former State of Georgia employee sentenced to five years in federal prison for stealing \$1.3 million earmarked for citizens with disabilities

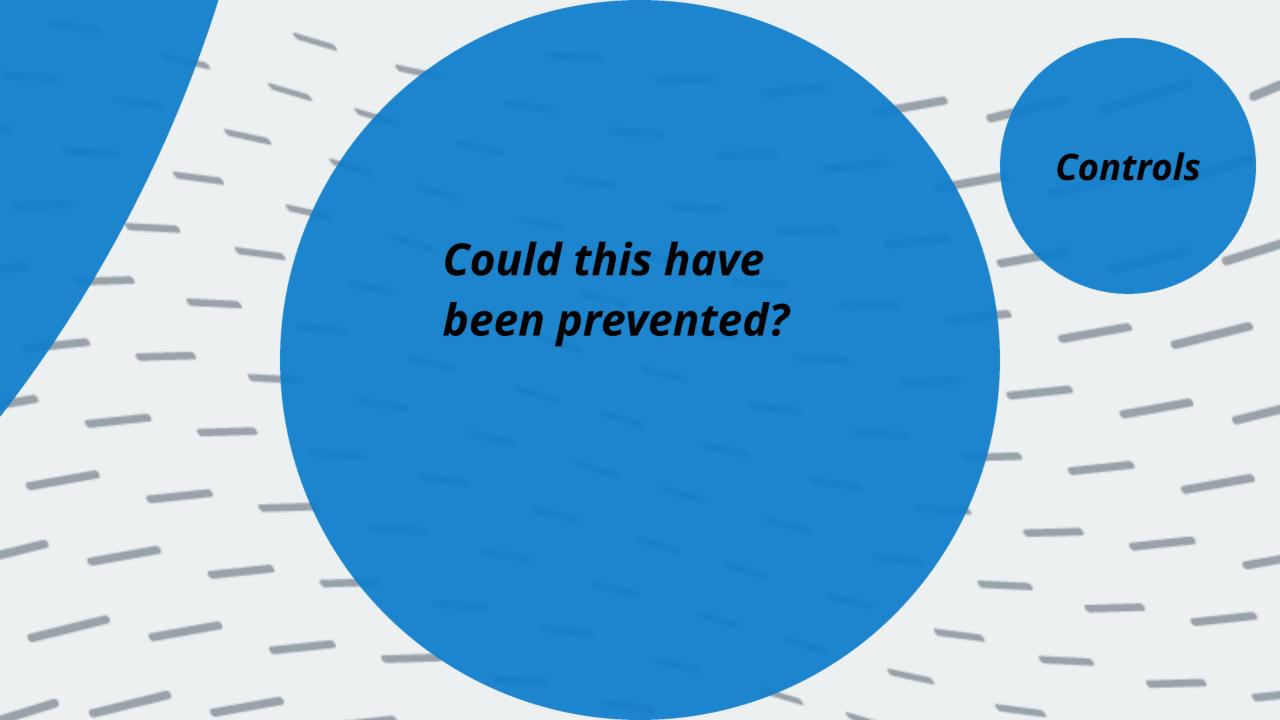
Thursday, December 1, 2022

Thursday, December 1, 2022

Share >

Computer

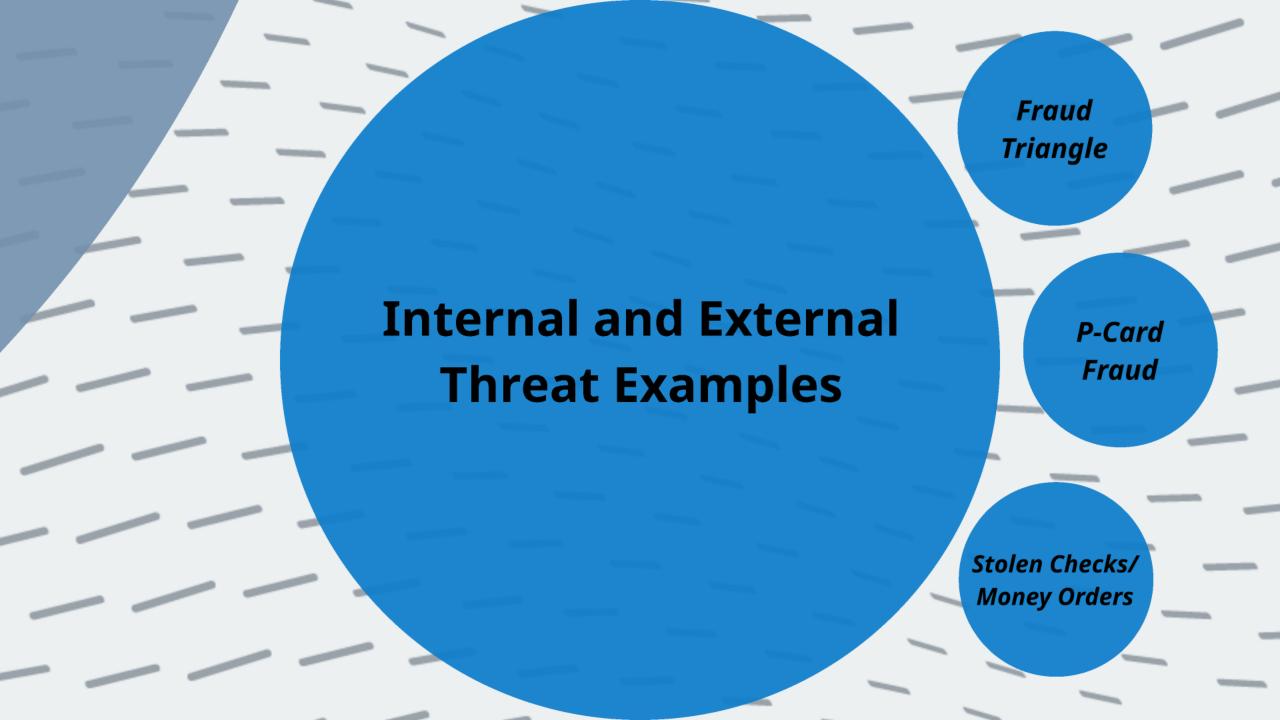
Computer



Internal Control Breakdown

Looking at both the way the internal controls were designed and then carried out:

- Lack of separation of duties
 - Was anyone reviewing Karen's work?
- Verification of documentation
 - Did anyone verify data to original source (such as College) of enrollment, credit hours, etc.
- Shipment of Goods
 - Was anyone verifying that goods were received at a State location?
- Should use of PO Boxes be allowed as a mailing address for:
 - Shipment of Goods?
 - Check Payments?





Auto Parts P-Card Scheme

State employees Roosevelt Addie and Oscar Cooke utilized state P-cards to purchase auto parts for state vehicles. Both were charged and pled guilty.

Conspiring with an internal actor at a state vendor, they were able to purchase auto parts for personal vehicles and alter receipts and invoices to make it appear the parts were for state vehicles.

The parts were used for personal and racing vehicles. The vendor employee, Openzender Tanner, was also charged and pled guilty. Internal Control Breakdown

So how did this happen?

Was anyone reviewing data analysis trends

 Should the supervisory employees have noticed an increase in the count or dollar amount of vehicle repairs (and more closely reviewed the receipts and invoices related to vehicle repairs).

Was anyone reviewing supporting documentation

- Looking for missing or incomplete documentation (receipts)
- Were all items supported by documentation, such as material costs and labor hours
- Remember SAO has a Payment Process Business Process Policy

So how did this happen?

Was anyone reviewing who was performing key tasks:

 Can one employee create repair orders, approve changes, and finalize repair orders?

Was there any audit on past purchases or P-Card purchases.

Stolen Checks and Money Orders

State employee supervises team of employees who process payments for violations.

Supervisor was able to collect inbound payments and divert them before they were entered on tracking sheets or internal systems by staff.

Crossed-out the name of the agency and wrote her own name. She then deposited the checks and money orders into her personal bank account. Internal Control Breakdown

Internal Control Breakdown

- Separation of duties
 - Is one person collecting payment, recording account adjustments or payments, etc?
- No method in place to verify accuracy of the records documenting receipt of the check/money order.
 - Supervisor was able to alter batch payment worksheets completed by mail room clerks upon receipt of the payment. She then altered accounts within the agency's system to make it appear payment was received or at times was the one to log the checks received.
- Activity only discovered after she missed one of the payments and the constituent complained to the agency,

Report Fraud, Waste, Abuse, and Corruption

- Make necessary notifications internally (if applicable).
- Contact GA-OIG.
- Do not investigate further!!!
 - May gather inadmissible evidence.
 - May result in evidence destruction.
 - Personal safety.



How to Report

How to Report

- Visit our complaint form at: https://oig.georgia.gov/.
- Email us at: inspector.general@oig.georgia.gov.
- Georgia has whistleblower protection (See OCGA § 45-1-4).

