

Internal Control Officers,

PLEASE DISTRIBUTE BROADLY WITHIN YOUR AGENCY OR ORGANIZATION

The Office of the State Controller's Audit, Risk, and Compliance Services staff are pleased to announce our upcoming internal controls webinar:

Occupational Fraud – What, Why, How, and Who?

The webinar, which will be held on **Tuesday, October 8, 2019, will begin promptly at 10:00 am.** The Webinar is being provided at no charge to all state agencies, universities, and community colleges and qualifies for one (1) hour of Continuing Professional Education (CPE) credit.

For further information, please visit our website at: https://www.osc.nc.gov/training-calendar/2019/10/08/occupational-fraud-what-why-how-and-who/occupational-fraud-what-why-how

Register Here:

https://attendee.gotowebinar.com/register/1135221962933570561

Each participant who plans to view the webinar and/or request CPE credit must register in advance.

OSC Webinar Occupational Fraud – What, Why, How, and Who?

Objectives:

Inform attendees about:

- The current state of occupational fraud in the US
- · Common red flags of occupational fraud
- Effective preventive and detective internal controls
- The fraud diamond and how anyone can apply it to real world scenarios
- Ethical dilemmas faced by whistleblowers

Date and Time: Tuesday, October 8, 2019 – 10:00 am – 11:00 am

Speaker: Eileen Taylor

Who Will Benefit:

Personnel from State Agencies, Universities, and Community Colleges

CPE Logistics:

CPE Credit: One (1) hour

Materials: Will be provided before webinar

Teaching Method: Live Webinar

Prerequisites: None

Advance Preparation: None

Level: Basic

Webinar Developer: NC State University

Webinar Sponsor: NC Office of the State Controller

Important information regarding CPE credit requirements:

- Each participant who plans to receive CPE credit MUST register for the webinar through the registration link provided. No CPE credits will be provided to non-registered participants.
- Each participant who plans to receive CPE credit MUST logon individually to the webinar for a duration of 50 minutes. Your time will be tracked to accurately award CPE credit.
- There will be NO site administrators for this webinar. No CPE credits will be awarded if you watch this as a group. During the webinar, participants will be required to respond to three polling questions to receive CPE credit.
- Participants requesting CPE credit will receive their CPE certificates via email within four weeks of the date of the webinar.

For any questions you have regarding the registration process, please contact Jan Prevo at 919-707-0714 or jan.prevo@osc.nc.gov.

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IMPORTANT: There will be NO partial credit given. If you watch this as a group, there will be NO CPE credit awarded.

Speaker – Dr. Eileen Z. Taylor Professor of Accounting, NC State Poole College of Management



Dr. Eileen Z. Taylor is a Professor of Accounting at NC State Poole College of Management. She teaches in the MBA and MAC programs and teaches courses at Duke University. Her research is focused on whistleblowing, ethics, and accounting information systems. She publishes in a range of journals, including Journal of Information Systems, Journal of Business Ethics, Journal of Forensic Accounting Research, Accounting Horizons, and Behavioral Research in Accounting. She serves on several editorial boards and she co-edited a special issue of JIS on AIS and Ethics.

She is currently co-editing a Routledge Companion on Accounting and Ethics. Dr. Taylor is a CPA in North Carolina and is a Certified Fraud Examiner. She holds a BS, MAC, and PhD, all from the University of South Florida.



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Occupational Fraud What, why, how, and who

Eileen Z. Taylor, PhD, CPA, CFE Internal Control Webinar October 8, 2019























Agenda

- Occupational fraud defined
- ACFE Report to the Nations Update
- Fraud Diamond and application
- Whistleblowing
- Resources



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Learning Objectives

After this session, participants will be able to:

- 1. Define and provide examples of the three types of occupational fraud
- 2. Describe the current state of occupational fraud in the US
- 3. List controls in order of effectiveness in reducing mean loss and fraud duration
- 4. Explain the fraud diamond and components of capability
- 5. Describe the ethical dilemma faced by whistleblowers





Elements of Fraud

- A material false statement
- *Knowledge* that the statement was false when it was uttered (Intent to deceive)
- Reliance on the false statement by the victim
- Damages resulting from the victim's reliance on the false statement

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Defining Occupational Fraud and Abuse

The use of one's occupation for personal enrichment through the deliberate misuse or misapplication of the employing organization's resources or assets





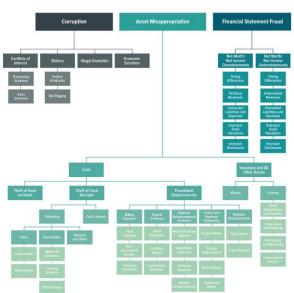


- Every 2 years
- · Free online
- Global, 2,690 cases
- Investigated by CFEs
- ACFE.com

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2018 Report to the Nations

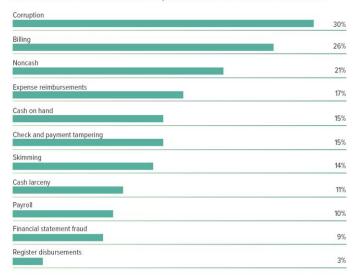


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FIG. 85 What are the most common occupational fraud schemes in the United States?



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FIG. 2 How much does an occupational fraud cost the victim organization?



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FIG. 3 How is occupational fraud committed?



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Polling Question 1

According to the ACFE RTTN 2018, the most common fraud is ____ and the greatest median loss is from ____

- a. asset misappropriation, corruption
- b. asset misappropriation, financial statement fraud
- c. corruption, corruption
- d. financial statement fraud, asset misappropriation





Polling Question 1 - Answer

According to the ACFE Report to the Nations 2018, overall,

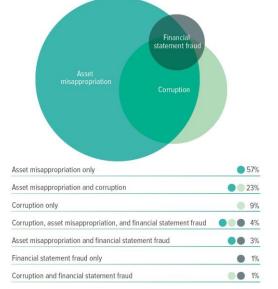
The most common fraud is asset misappropriation, and the greatest median loss is from financial statement fraud.

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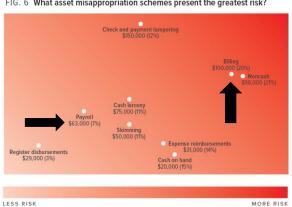
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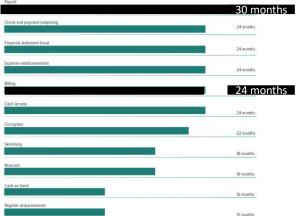


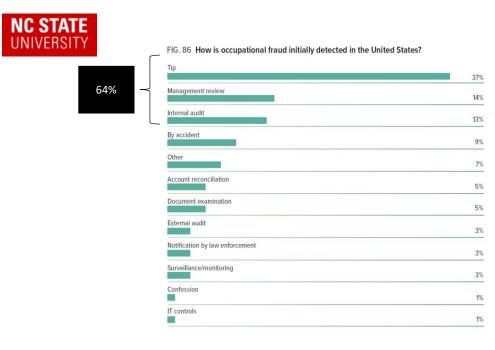
Asset Misappropriation

FIG. 6 What asset misappropriation schemes present the greatest risk?











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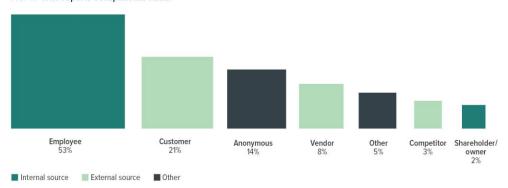




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Who reports?

FIG. 10 Who reports occupational fraud?







Polling Question 2

According to the ACFE Report to the Nations 2018, most common fraud method of detection is _____

- a. A whistleblowing tip from an employee.
- b. A management review.
- c. An anonymous whistleblowing tip.
- d. An external audit.

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Polling Question 2 - Answer

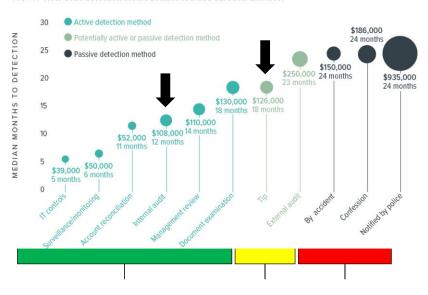
According to the ACFE Report to the Nations 2018,

The most common fraud method of detection is a whistleblowing tip from an employee.





FIG. 11 How does detection method relate to fraud duration and loss?



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FIG. 12 What types of organizations are victimized by occupational fraud?

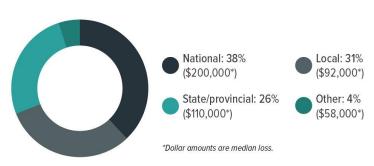






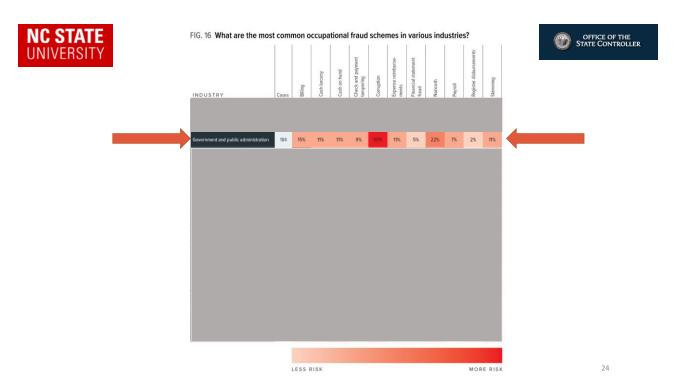


FIG. 13 What levels of government are victimized by occupational fraud?

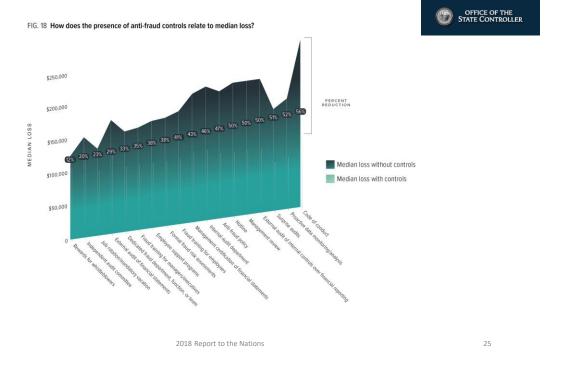


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Polling Question 3

According to the ACFE RTTN 2018, the greatest reduction in the median loss due to fraud is associated with:

- a. Having a policy of job rotation and mandatory vacation
- b. Providing payments to whistleblowers
- c. Having an external audit
- d. Having a code of conduct





Polling Question 3 – Answer

According to the ACFE Report to the Nations 2018,

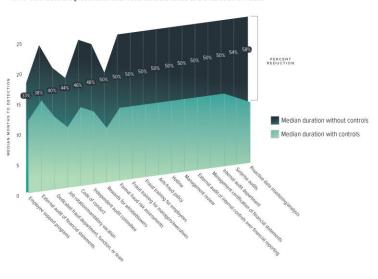
Having a code of conduct is associated with the greatest reduction in the median loss due to fraud.

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FIG. 19 How does the presence of anti-fraud controls relate to the duration of fraud?



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2%

<1%

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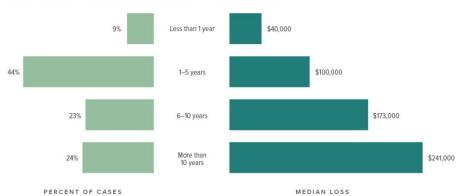




FIG. 26 How does the perpetrator's tenure relate to occupational fraud?

Lack of clear lines of authority

Lack of reporting mechanism



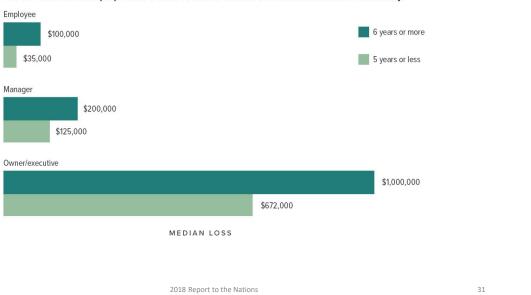
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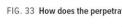


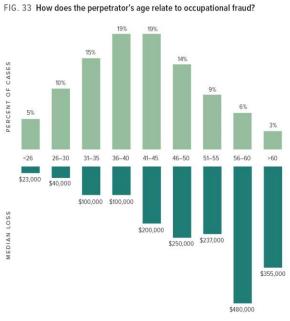
FIG. 27 How does the perpetrator's tenure relate to median loss at different levels of authority?



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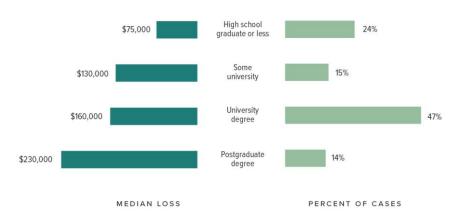
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FIG. 34 How does the perpetrator's education level relate to occupational fraud?



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FIG. 35 How does the number of perpetrators in a scheme relate to occupational fraud?





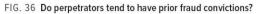




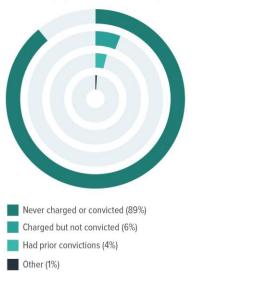
\$339,000 Median loss

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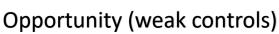


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Pressure (Incentive)

Rationalization (why it is ok)





Polling Question 4

According to the fraud triangle theory,

- a. Only two of the three legs are needed for fraud to occur.
- b. Rationalization reduces fraudsters' feelings of guilt.
- c. All people with pressure commit fraud
- d. Opportunity is not under control of the organization.

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Polling Question 4 - Answer

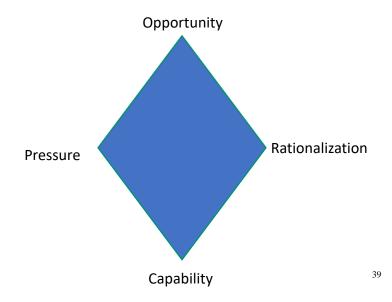
According to the fraud triangle theory,

Rationalization reduces fraudsters' feelings of guilt





Fraud Diamond (Wolfe and Hermanson)



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Capability

- 1. Function or position in organization
- 2. Clever/Smart
- 3. Ego/Confidence/Belief in ability to talk way out if detected
- 4. Coercion ability, charisma
- 5. Effective liar
- 6. Deals well with stress





Ethical Dilemmas: Common global moral values (Kidder)

Honesty

Promise-keeping

Fairness

Respect for others

Compassion

Integrity

- Overwhelming global consensus.
- Differences only in the way cultures prioritize these.

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Fthical Dilemmas

Value	Value	Right versus wrong	Right versus right	Ethical Dilemma
Honesty	Dishonesty	X		No
Fairness	Unfairness	Χ		No
Four Dilemma Paradigms: when two values collide in one of the following ways:				
Truth	Loyalty		X	Yes
Individual	Community		X	Yes
Short term	Long term		Х	Yes
Justice	Mercy		X	Yes

Whistleblowing: Truth versus Loyalty

Whistleblowing relates to actions taken by current or former organizational members to report illegal, unethical, or illegitimate activities, which are under the control of management, to persons who are willing and able to correct such misconduct.

(Miceli and Near, 1984)





Polling Question 5

Whistleblowers face the choice between:

- a. Individual and Community
- b. Short term and Long term
- c. Truth and Loyalty
- d. Justice and Mercy

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Polling Question 5 - Answer

Whistleblowers face the choice between:

Truth and Loyalty





When faced with fraud... Moral Intensity (Jones 1991)

Six components

- Magnitude of Consequences Harm (how much)
- Social Consensus Evilness (how bad)
- Probability of Effect Chance (will lead to harm)
- Temporal Immediacy Time lag (how soon)
- Proximity...... Closeness (how close to me)
- Concentration of Effect Number (how many people)

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Understanding whistleblowers: Loyalty to?

Theory

Economics approach says fraud detection belongs to people who would benefit directly:

- Legal view (auditors and securities regulators)
- Private litigation view (law firms)
- · Finance view (equity and debt holders)

Reality

Fraud detection is actually found and reported by:

- Employees

- uity and debt

 COMPLEX

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 Those who have little to gain and much to lose







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Resources

- ACFE website
- Jones, T. 1991. Ethical decision making by individuals in organizations: An issue-contingent model. *Academy of Management Review*, 16(2) 231-248.
- Kidder, R.M. 2005. Moral Courage, Harper Collins.
- Paeth, S. 2013. The responsibility to lie and the obligation to report. *Journal of Business Ethics*, 112, 559-566.
- Wolfe, D. and Hermanson, D. 2004. The Fraud Diamond: Considering the four elements of fraud. CPA Journal 74.12, 38-42.

Occupational Fraud Webinar October 8, 2019

Attendees by Last Name (312)

Kathryn Alexander-Forsyth Technical CC

Carolyn Alley-Blue Ridge CC Shelly Alman-Gaston College

Cherie Anderson-ECU

Jina Armia-Cultural Resources Cyndi Autenrieth-UNC Charlotte

Steve Ayers-ECU

Angela Bagley-Nash CC

Jarrett Bailey-UNC School of the Arts

Tammy Bailey-Martin CC

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Deana Bauer-Randolph CC

Samantha Beard-Central Piedmont CC

Anthony Bechtel-ECU

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Talana Bell-ASU

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Kathy Brosky-Spearman-DHHS

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Amy Hisler-UNC Charlotte Samantha Lederer-DEQ Tim Morris-ECU

David Holman-Caldwell CC Judy LeDoux-UNC Chapel Hill Dannie Moss-ECU

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Linda Lejnar-Wake Technical CC

Belinda Myers-Edgecombe CC

Lettie Navarrete-Robeson CC Melissa Rivenbark-DST Dawei Tang-UNC at Chapel Hill Marla Tart-Wake Technical CC Nancy Nelson-SBI Marissa Roberts-Central Piedmont CC Tiffiney Newton-DHHS John Robinson-UNC Wilmington Jeremiah Tate-ECU Mary Rodgers-DHHS Jones Norris-DST Eileen Taylor-NCSU Melanie Nuckols-Forsyth Technical CC Nubia Romero-Central Piedmont CC Jade Taylor-LCC Jennifer Pacheco-OSC Lauren Rooney-Central Piedmont CC Luke Thomas-UNC Health Care System Raymond Pachnar-Edgecombe CC Deborah Rose-UNC Charlotte Scott Tisdale-ECU Jerri Painter-UNC Charlotte Jeani Rousseau-DPI Shoko Tokoro-UNC Charlotte Paul Palermo-DST Laura Rowe-DST Kathleen Tolbert-OSC Elizabeth Palian-UNC Charlotte Jordan Samuel-AOC Karen Tucker-UNC Pembroke Supriya Parpard-Guilford Tech CC Joanie Saucier-OSC Samuel Tucker-DOR Trushaben Patel-UNC Chapel Hill Kim Saunders-UNC Charlotte Pamela Twitty-Edgecombe CC Patty Peebles-ECU Cher Savas-Brandee Vaughan-Halifax CC Prabhavathi Vijayaraghavan-OAH Amy Penson-Isothermal CC Troy Scoggins-OSC Landon Perry-DEQ Kimberly Seamans-UNC Charlotte Angela Visnosky-NCSU Malinda Peters-DST Rob Sewell-UNC Charlotte Sarah Von Stein-ECU Tracy Pham-Central Piedmont CC Jon Sholar-ECU Tee Vu-Central Piedmont CC Leila Sinclair-UNC Pembroke Michael Phillips-DOI Danielle Ward-AOC Jennifer Pittman-Nash CC Stanley Sivels-Edgecombe CC **Brandon Watson-DST** Sheena Smallwood-UNC Charlotte Kyle Watson-Mitchell CC Wayne Poole-ECU Stefanie Powell-UNC Wilmington Lois Smith-Brunswick CC David Webb-Johnston CC Martha Presnell-ASU Randy Smith-OSC Becky Welch-ECU Ashley Price-OSA Rod Smith-UNC Chapel Hill Kerin Weston-UNC Charlotte Phillip Price-Central Carolina CC Sanethia Smith-Halifax CC Gloria Whitaker-Edgecombe CC Jackie Prichard-Brunswick CC Julie Sparks-UNC Charlotte Debbie White-NC CC System Catherine Prince-DCR David Sperry-DHHS Janequa White-LCC **Brady Proffitt-WCU** Tabatha Springer-WCU Michael Whiteman-Central Piedmont CC Kelly Starnes-Central Piedmont CC Amber Wilkes-DHHS Dawn Quist-ECU Elizabeth Kay Radford-OSBM Faye Steele-ECU Deidra Williams-ECU

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Adriana Riguero-Central Piedmont CC

Dawn Sturgill-ASU

Cheryl Yanik-NCSU

Tina Yoogin-AOC

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Elizabeth John-AOC

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Nancy Baird-ASU

Talana Bell-ASU

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Paul Forte-ASU

Denise Foutz-ASU

Elisha Frye-ASU

Myra Hayler-ASU

Amy Moody-ASU

Sandra Moretz-ASU

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Elizabeth Haynes-DCR

Catherine Prince-DCR

Samantha Stevens-DCR

Latrice Barner-DEQ

Julie Cubeta-DEQ

Ellie Davos-DEQ

Samantha Lederer-DEQ

Landon Perry-DEQ

Jeannie Betts-DHHS

Kathy Brosky-Spearman-DHHS

Najmul Chowdhury-DHHS

Deborah DeBourg-Brown-DHHS

Jolene Elkins-DHHS

Destiny Faison-DHHS

Adris Fortunato-DHHS

Kris Horton-DHHS

Jo Ann Martin-DHHS

Joel Mercer-DHHS

Tiffiney Newton-DHHS

Lymari Rentas Gonzalez-DHHS

Mary Rodgers-DHHS

David Sperry-DHHS

Amber Wilkes-DHHS

Debora Chance-DIT

Angelika Chafalovitch-DOA

Jason Dearman-DOI

Laresia Everett-DOI

Laura Greenwood-DOI

Michael Phillips-DOI

Matthew Longobardi-DOJ

Donald Barham-DOR

Essence Chambers-DOR

Stephanie Denton-DOR

Brittany Johnson-DOR

Jackie McKoy-DOR

Samuel Tucker-DOR Stephanie Coleman-ECU Jeffrey Henderson-FSU Chuck Church-DOT Sharon Cullipher-ECU Shelly Alman-Gaston College Beth Cox-DOT Vincent Falvo-ECU Lynda Ellington-Gaston College Elizabeth Wilson-DOT Patricia Fritz-ECU Ashley Graham-Gaston College Ryan Dupree-DPI Tereasa Hopkins-ECU Cynthia McCrory-Gaston College Denise Jackson-DPI William Kraus-ECU Supriya Parpard-Guilford Tech CC Susan Kearney-DPI Cheryl Marsh-ECU David Forester-Halifax CC Jeani Rousseau-DPI Tim Morris-ECU Sanethia Smith-Halifax CC Felicia Cromwell-Johnson-DPS Dannie Moss-ECU Brandee Vaughan-Halifax CC Steve Davis-DPS Patty Peebles-ECU Ariana Kudlats-Housing & Finance John DelGreco-DPS Wayne Poole-ECU Amy Penson-Isothermal CC Dawn Quist-ECU David Webb-Johnston CC Darlene Langston-DPS John Monguillot-DPS Jon Sholar-ECU Rhonda Deaver-LCC James Burke-DST Faye Steele-ECU Jordan Houston-LCC Elizabeth Cass-DST Joel Stocks-ECU Candice Madden-LCC Manasa Cooper-DST Jeremiah Tate-ECU Jessica McMahon-LCC Becky Dzingeleski-DST Scott Tisdale-ECU Sharon Moore-LCC Joan Fontes-DST Sarah Von Stein-ECU Jade Taylor-LCC Samiel Fuller-DST Becky Welch-ECU Janequa White-LCC Debra Haynes-DST Deidra Williams-ECU Renee Wyatt-LCC Katherine Howell-DST Pamela Blackburn-Edgecombe CC Tammy Bailey-Martin CC Fran Lawrence-DST Gail Craft-Edgecombe CC Kyle Watson-Mitchell CC Meredith Harrell-Edgecombe CC April Morris-DST Angela Bagley-Nash CC Jones Norris-DST Nancy Lovett-Edgecombe CC Jennifer Pittman-Nash CC Lily Mariano-Edgecombe CC Paul Palermo-DST Helen Buck-NC A&T Malinda Peters-DST Leigh Moore-Edgecombe CC Diane Davis-NC A&T Sarah Ray-DST Belinda Myers-Edgecombe CC Steve Fleeman-NC A&T Melissa Rivenbark-DST Raymond Pachnar-Edgecombe CC Michael Jackson-NC A&T Laura Rowe-DST Stanley Sivels-Edgecombe CC Bryan Jenkins-NC CC System Brandon Watson-DST Pamela Twitty-Edgecombe CC Debbie White-NC CC System Cherie Anderson-ECU Gloria Whitaker-Edgecombe CC Leila Jabbar-NC Courts Steve Avers-ECU Kathryn Alexander-Forsyth Technical CC Jim Horne-NC General Assembly Anthony Bechtel-ECU Wendy Emerson-Forsyth Technical CC Thomas Harrington-NC SBE Jeremy Bledsoe-ECU Elisa Fernbach-Forsyth Technical CC Tabitha Groelle-NCSU

Melanie Nuckols-Forsyth Technical CC

Heidi Kozlowski-NCSU

Desiree Bowling-ECU

Eileen Taylor-NCSU Karin Langbehn-Pecaut-UNC Chapel Hill Rob Sewell-UNC Charlotte Angela Visnosky-NCSU Judy LeDoux-UNC Chapel Hill Sheena Smallwood-UNC Charlotte Cheryl Yanik-NCSU **Ebony Martin-UNC Chapel Hill** Julie Sparks-UNC Charlotte Prabhavathi Vijayaraghavan-OAH Trushaben Patel-UNC Chapel Hill Rich Steele-UNC Charlotte Rachel McDonald-OSA Shoko Tokoro-UNC Charlotte Rod Smith-UNC Chapel Hill Ashley Price-OSA Cyndi Autenrieth-UNC Charlotte Kerin Weston-UNC Charlotte Elizabeth Kay Radford-OSBM Herlicia Blakely-UNC Charlotte M Monique Wilson-UNC Charlotte Barry Brown-OSC Jamette Blue-UNC Charlotte Jeanne Madorin-UNC Greensboro Liz Brown-OSC Anne Brown-UNC Charlotte Luke Thomas-UNC Health Care System Edith Cannady-OSC Pearl Brown-UNC Charlotte Kellie Cain-UNC Pembroke Shiyani Jani-OSC Bobbi Butler-UNC Charlotte Kasey Jones-UNC Pembroke Phacharawalai Kidking-OSC Theresa Butler-UNC Charlotte Leila Sinclair-UNC Pembroke Laura Klem-OSC Renetta Darity-UNC Charlotte Karen Tucker-UNC Pembroke Kathy Lagana-OSC Tracy Do-UNC Charlotte Jarrett Bailey-UNC School of the Arts Ben McLawhorn-OSC Lisa Dooley-UNC Charlotte Lisa McClinton-UNC School of the Arts Courtney Michelle-OSC Jonathan DuBose-UNC Charlotte Leon Browning-UNC System Office Jennifer Pacheco-OSC Pamela Duff-UNC Charlotte Debbie Dryer-UNC System Office Joanie Saucier-OSC Julie Earls-UNC Charlotte Susan Williams-UNC System Office Troy Scoggins-OSC Denice Ferguson-UNC Charlotte Elizabeth Davis-UNC Wilmington Randy Smith-OSC Mary Fisher-UNC Charlotte Joanne Ferguson-UNC Wilmington Kathleen Tolbert-OSC Mark Haire-UNC Charlotte Dana Harris-UNC Wilmington Jessica Buckman-OSHR Ellen Harris-UNC Charlotte Heather lannucci-UNC Wilmington Deana Bauer-Randolph CC Amy Hisler-UNC Charlotte Shelley Morris-UNC Wilmington Joshua Brown-Randolph CC **Greg Husted-UNC Charlotte** Stefanie Powell-UNC Wilmington Daffie Garris-Randolph CC Karen King-UNC Charlotte John Robinson-UNC Wilmington Tami George-Robeson CC Christy Langdon-UNC Charlotte Linda Lejnar-Wake Technical CC Lettie Navarrete-Robeson CC Sarah Lynch-UNC Charlotte Marla Tart-Wake Technical CC Nancy Nelson-SBI Ali Mateen-UNC Charlotte Hillary Matthews-WCU Jerri Painter-UNC Charlotte Kim Bradshaw-Stanly CC **Brady Proffitt-WCU** Tony Martin-Surry CC Elizabeth Palian-UNC Charlotte Tabatha Springer-WCU Rita Baker-Treasurer Jon Rea-UNC Charlotte David Steinbicker-WCU Jennifer Blair-UNC Linda Reece-UNC Charlotte Gina Steinbicker-WCU Robin Gore-UNC Asheville Deborah Rose-UNC Charlotte Steve Chase-Wildlife Dawei Tang-UNC at Chapel Hill Kim Saunders-UNC Charlotte Crystal Huffman-Wilkes CC

Kimberly Seamans-UNC Charlotte

Constance Mallette-WSSU

Teri Miller-UNC at Charlotte

Webinar: Occupational Fraud – What, Why, How, and Who? October 8, 2019

Questions and Answers

Some examples of where we are looking to prevent fraud are cases such as:

Scenario: Professional development seminar that are scheduled using Eventbrite and it has a bank account or PayPal account tied to it for payment.

Answer: I would use independent reconciliation of the account by a supervisor who is above the person responsible for setting up and maintaining the account. I also would recommend that the money not be kept in PayPal or Eventbrite accounts after the event itself, but rather it should be swept into a bank account at the organization. Oversight, monthly reporting, and reconciliation are all good preventive and detective methods that would help reduce fraud likelihood. Budgets and comparison of budget to actual are also sometimes overlooked as a detective control, but they can help identify when money may be missing.

Scenario: GoFundMe is used as a fund-raising method. How can this be protected?

Answer: Is GoFundMe being used here to raise money for governmental entities or specific events? Are we talking about schools using the tool to raise funds? If so, a school employee should be setting up the GoFundMe and their supervisor should independently review the account on a regular basis. I wouldn't recommend a PTA member or non-employee set up a GoFundMe on behalf of the organization. The organization should create a policy related to fundraising that addresses online fundraising sites, and whether and how they can be used. Management should consider the risk of asset misappropriation, as well as reputation risk, if funds should be stolen.