Security Awareness on a Budget

FISSEA 2011
Security Awareness on a Budget
(or even with NO budget!)

FISSEA 2011
Introduction

- FISSEA = The Federal Information System Security Educators’ Association

- We are EDUCATORS, first and foremost
Awareness Budget? Are You Kidding?! 

- We wear multiple hats 
- Budget gets spent elsewhere 
- No Budget left for Awareness and Education 
- Awareness programs are REQUIRED!

No budget? NO PROBLEM!
You Don’t Need Money

A good Security Awareness program needs to:

- Get the Word Out
- Be Useful to your users
- Be Memorable
Standard Awareness Methods

- IT Security Website
- Dept/Agency Newsletter
- Email
Posters

- “But I’m not artistic!”
- Pick a Theme
- Teach the User something
- Posters are already out there!
Posters

**The Thing from the Internet**

These days, websites and email attachments can expose you to all sorts of creatures from cyberspace. Don’t let attackers take over your computer.

**TIP:** Think before you click! Be sure to scan any files with antivirus software.

http://www.loc.gov/staff/security/sec_threats.html

**Invasion of the Password Snatchers**

Password and identity thieves in cyberspace could cause more than just your computer to come crashing down. Keep your network and administrator passwords safe.

**TIP:** Never share your password with anyone — not even your loved ones or co-workers.

For more tips, see:

http://www.loc.gov/staff/security/sec_threats.html
Posters

**Beware of the Phishing Scam**

He lurks in Cyberspace to steal your Identity!

TIP: Don't reply to email or popup messages that ask for personal or financial information.

For more tips, visit: [http://www.loc.gov/staff/security/sec_threats.html](http://www.loc.gov/staff/security/sec_threats.html)

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**Beware the Eye of the Spy**

He is gathering information about you!

Certain websites attempt to plant bugs on your computer that collect information about you— Including passwords— Without you knowing it.

TIP: Never click “agree” or “OK” to close a window. Instead, click the red “X” in the corner of the window or press the Alt+F4 buttons on your keyboard to close a window.

For more tips, visit: [http://www.loc.gov/staff/security/sec_threats.html](http://www.loc.gov/staff/security/sec_threats.html)
**Posters**

**Professor Lemon**

**Did it in the Library...**

**...with a Virus!**

**He Didn't Have a Clue.... do you?**

Even with the best antivirus software, new strains of worms and viruses infect computers every day.

TIP: Don’t open attachments if you don’t know who they are from, or were not expecting them. Don’t follow web links in unsolicited email.

For more tips, see: [http://www.loc.gov/staff/security/sec_threats.html](http://www.loc.gov/staff/security/sec_threats.html)

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**Doctor Royal**

**Did it in the Library...**

**...with Spyware!**

**He Didn't Have a Clue.... do you?**

Certain websites can install software without your knowledge, which could invade your privacy by tracking web habits, monitoring keystrokes, and even take control of your computer.

TIP: Be cautious about using “free” music and movie file-sharing programs, and be sure you understand all of the software used by these programs.

For more tips, see: [http://www.loc.gov/staff/security/spyware.html](http://www.loc.gov/staff/security/spyware.html)
Posters

Miss Apricot
Did it in the Library...

...With an Attachment!

She Didn’t Have a Clue.... do you?

Attackerstake advantage of the reality that most users will automatically trust and open any message that comes from someone they know.

Tip: Trust your instincts - if an email or email attachment seem suspicious, don’t open it, even if your anti-virus software indicates that the message is clean.

For more tips, see:
http://www.loc.gov/staff/security/sec_threats.html

Colonel Ketchup
Did it in the Library...

...With his Password!

He Didn’t Have a Clue.... do you?

Cybercriminals use sophisticated tools that can rapidly decipher passwords.

Strong passwords are important protection for network login and safer online transactions.

Tip: Use a long passphrase and change it regularly. Don’t share your passphrase with anyone.

For more tips, see:
http://www.loc.gov/staff/security/sec_threats.html
Posters

Lady Emerald
Did it in the library...

...with a phishing attack!

She didn't have a clue.... do you?

Crooks pretending to be from companies you do business with may call or send an email, claiming they need to verify your personal information — be wary.

Tip: If you get an email or pop-up message that asks for personal or financial information, do not reply. Contact the company directly to confirm the pop-up or email is from them.

For more tips, see:
http://www.loc.gov/staff/security/sec_threats.html
Tchotchkes

- I’m not using this term anymore - WHY?
  - Nobody can spell it
  - Could mean something else entirely
Giveaways or Swag

- Are they good for advertising?
  - (yes and no...)
- Does anyone ever use them?
  - (yes and no...)
- Do you need them?
  - (yes and no...)

How can I do it with no budget?
Giveaways-My Secret Weapon
Giveaways-My Secret Weapon
Contests

- Quizzes
- Crossword Puzzles
- Name the Mascot

People Remember Things Like This!
Contest Prizes
RED BAT
MERLOT

Hackers are Creatures Of the Night... Beware Illegal Downloads!

BLACK CAT CABERNET

Always “PAWS” Before Clicking Attachments!
SKULLDUGGERY
SAUVIGNON BLANC

Don't Let Your Password
Get Bone Dry -
Change it Often!

WITCH'S BREW
BORDEAUX

Phishing Scams
can be a
Cauldron Of Trouble!
VAMPIRE
Blood of the Grape

SPIDER SILK SAUVIGNON

Revealing Personal Information Can Come Back To Bite You!

Use Care When Surfing the Web!
SNOWBALL SAUVIGNON

Donations can have a Snowball Effect!

JINGLE BELL JUICE

Ring in the New Year of Giving With CFC!
MOUSE-KATEL

Your CFC donation may be small-
But the difference it makes can be HUGE!

RUDOLPH RED

Guide the Sleigh...
And Let your Nose Light the Way!
Give to CFC
MELTING SNOWMAN MERLOT

Time’s-a-Wasting-
Give to CFC!

HOLLY-DAY CHEER

GIVING TO CFC BRINGS CHEER THROUGHOUT THE YEAR!
More Contest Prize Ideas
More Contest Prize Ideas
Guest Speakers

- Keep it timely
- Keep it Interesting
- Keep it SHORT!
- Advertise, advertise, advertise!
Guest Speakers

Information Technology Security Presents...
A Technical Brown Bag Seminar

Computer and Videogame Security—Pre-and-Post Release

Barry Caudill—Executive Producer for Firaxis Software discusses the need for security in the videogame world.

Wednesday, April 29th
Noon to 1PM
LM-G45

Request ADA accommodations 5 days in advance, 7-6362 or ada@loc.gov
Sponsor: Computer Security Coordination Group infosec@loc.gov
Security Awareness Month

INFORMATION TECHNOLOGY SECURITY PRESENTS

CYBER-SECURITY AWARENESS EXPO

Wednesday, October 28th
A.O.C LMG-45

1 PM - "PASSWORD NIGHTMARES"
(Digital Forensics Technology)
Kyle Hendrickson - ITSG

2 PM - "ZOMBIES IN THE HOUSE"
(Home Computer Security)
Bob Raif - Library Services

3 PM - "TREATS OR TRICKS?"
(Social Engineering)
Sarah Gerske - ITSG

Thursday, October 29th
PICKFORD THEATRE

9 AM - "WANNA SEE SOMETHING REALLY SCARY?"
(Help! Hacker in the Closet)
Darren Death - ITSG

10 AM - "HACKER VICTIMS"
(Web 2.0 Attacks on the End User)
Liz Hocker - CISCO

11 AM - "UNDEeated LOCK AND KEY"
(Spanish Speaking)
Randall Easter - NIST

PRIZES! - FUN! - TREATS GALORE!
THRILLS! - CHILLS!

Information Technology Security

Library of Congress

Request ADA accommodations 5 days in advance, 7-6292 or info@loc.gov
Sponsored by Computer Security Coordination Group (cscone@loc.gov)
Video

- Easy to do
- Great advertising
Security Awareness Month
Security Awareness Month
Security Awareness Month

**Information Technology Security Presents**

**Cyber-Security Awareness Expo**

**Wednesday, October 27th**

Darren Death
ITSG

**10 AM** - *WhoDunIt?* (Protecting your face in Cyberspace)
Sarah Garske
ITS/OPSE

**Thursday, October 28th**

**9 AM** - *Storm Clouds Brewing!* (Cloud Computing, Security and You)
Adam Swidler
Google

**10 AM** - *Let's Put It to a Vote!* (Security Vulnerabilities in U.S. Voting Machine Systems)
Micah Sherr
Georgetown Univ.

**Prizes! - Fun! - Treats Galore!**

**Thrills! - Chills!**

Request ADA accommodations 6 days in advance, 7-6302 or info@loc.gov
Sponsor: Computer Security Coordination Group (csccg@mail.loc.gov)
Security Awareness Month

October 2011

Brainstorming Time

?
USE THE RESOURCES

- Posters/ideas are available through the FISSEA Security Awareness, Training, and Education Contest—(go to the website)
- Presenters-Ask your FISSEA team-someone will speak for you. (use the FISSEA email group)
  - (I would be happy to present for you too!)
- Innovate
- MAKE the time!
- Have FUN!
Thank You!

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