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
THE NEXT FILE YOU OPEN MAY BE YOUR LAST
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
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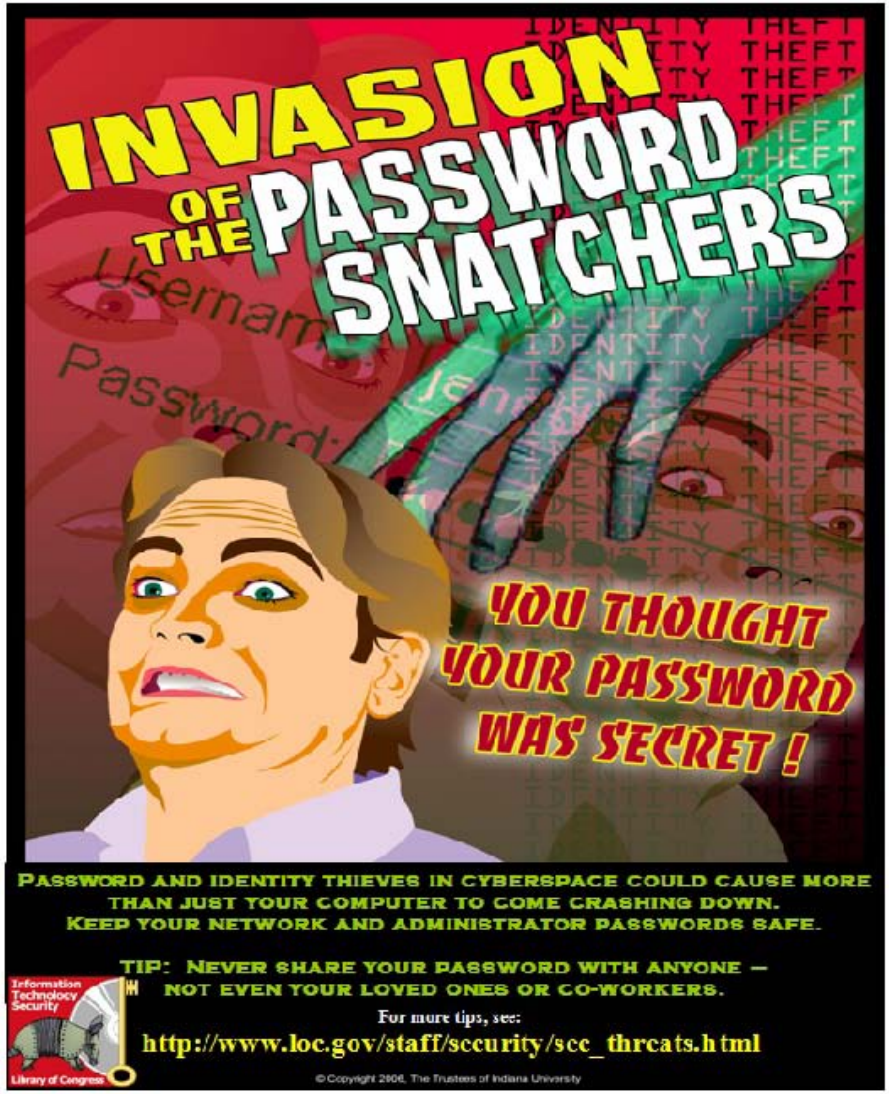
INVASION OF THE PASSWORD SNATCHERS
YOU THOUGHT YOUR PASSWORD WAS SECRET!
PASSWORD AND IDENTITY THIEVES IN CYBERSPACE COULD CAUSE MORE THAN JUST YOUR COMPUTER TO COME CRASHING DOWN.
KEEP YOUR NETWORK AND ADMINISTRATOR PASSWORDS SAFE.
TIP: NEVER SHARE YOUR PASSWORD WITH ANYONE — NOT EVEN YOUR LOVED ONES OR CO-WORKERS.
For more tips, see:
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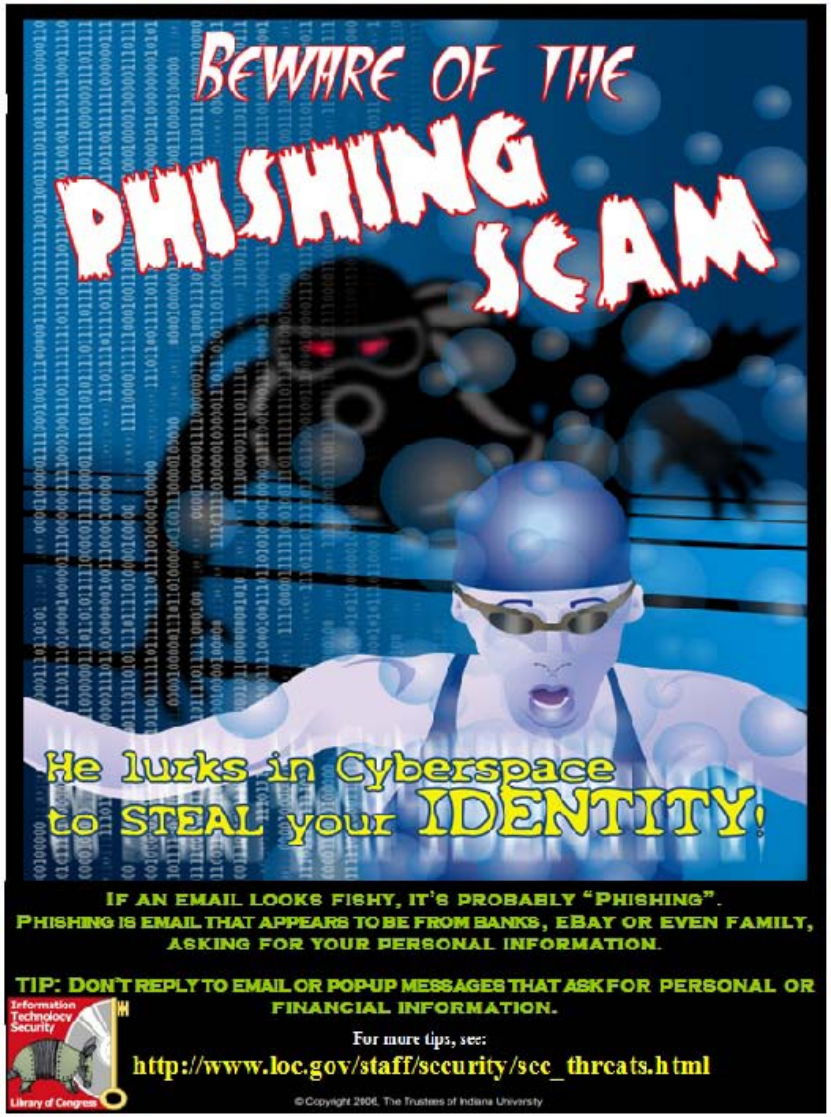
Posters


BEWARE OF THE
PHISHING SCAM
He lurks in Cyberspace
to STEAL your IDENTITY!
IF AN EMAIL LOOKS FISHY, IT'S PROBABLY "PHISHING".
PHISHING IS EMAIL THAT APPEARS TO BE FROM BANKS, EBAY OR EVEN FAMILY, ASKING FOR YOUR PERSONAL INFORMATION.
TIP: DON'T REPLY TO EMAIL OR POP-UP MESSAGES THAT ASK FOR PERSONAL OR FINANCIAL INFORMATION.
For more tips, see:
http://www.loc.gov/staff/security/scc_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, see:
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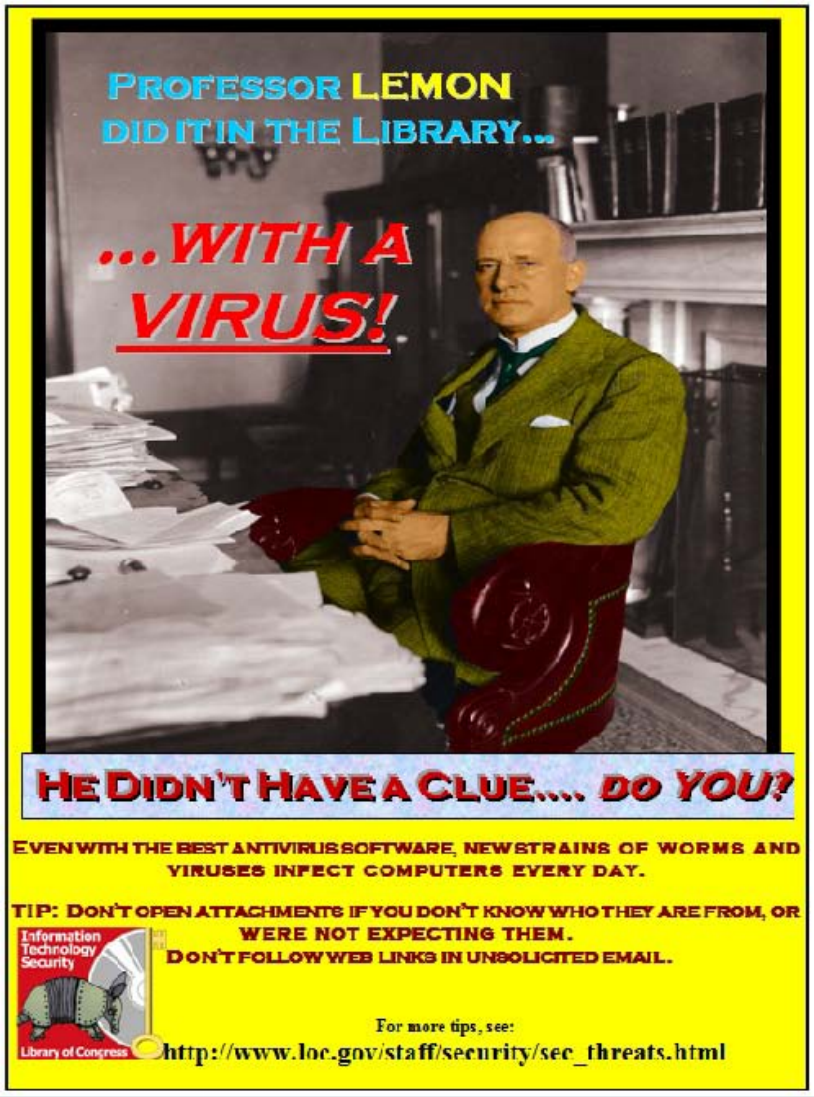
Posters


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.
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For more tips, see:
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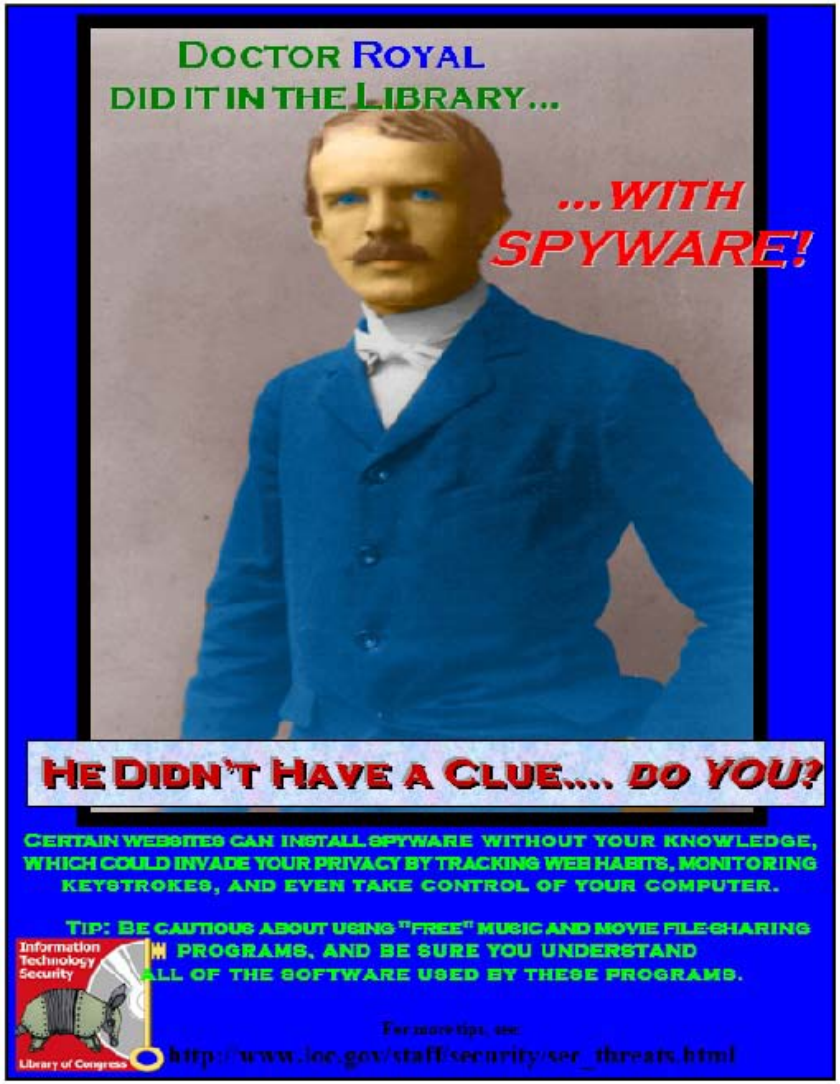
DOCTOR ROYAL
DID IT IN THE LIBRARY...
...WITH SPYWARE!
HE DIDN'T HAVE A CLUE.... DO YOU?
CERTAIN WEBSITES CAN INSTALL SPYWARE WITHOUT YOUR KNOWLEDGE, WHICH COULD INVADE YOUR PRIVACY BY TRACKING WEB HABITS, MONITORING KEYSTROKES, AND EVEN TAKE CONTROL OF YOUR COMPUTER.
TIP: BE CAUTIOUS ABOUT USING "FREE" MUSIC AND MOVIE FILE-SHARING PROGRAMS, AND BE SURE YOU UNDERSTAND ALL OF THE SOFTWARE USED BY THESE PROGRAMS.
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Posters

MISS APRICOT DID IT IN THE LIBRARY...
...WITH AN ATTACHMENT!
SHE DIDN'T HAVE A CLUE.... DO YOU?
ATTACKERS TAKE 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 SEEMS 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
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COLONEL KETCHUP DID IT IN THE LIBRARY...
...WITH HIS PASSWORD!
HE DIDN'T HAVE A CLUE.... DO YOU?
CYBER CRIMINALS 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
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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.
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For more tips, see:
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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…)

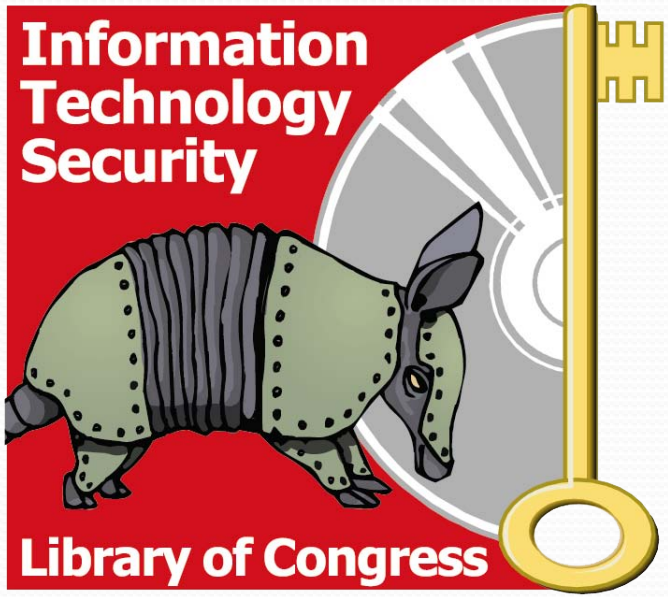
How can I do it with no budget?

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

Revealing Personal Information
Can Come Back To Bite You!

SPIDER SILK SAUVIGNON

Use Care

When Surfing the Web!

VAMPIRE
RED BAT
MERLOT
Cyber Security
Awareness Expo 2010
THANK YOU!
Information
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SNOWBALL SAUVIGNON

Donations can have a Snowball Effect!

JINGLE BELL JUICE

Ring in the New Year of Giving With CFC!

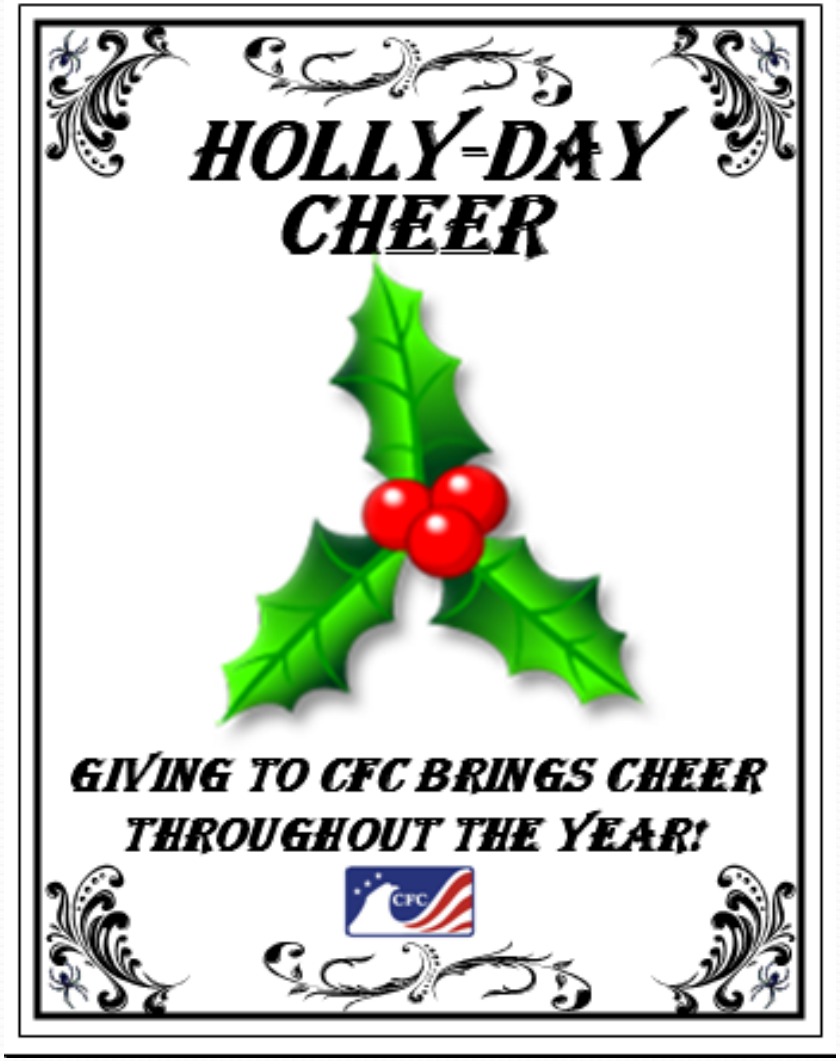
MOUSE-KATEL

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!
CFC


HOLLY-DAY CHEER
GIVING TO CFC BRINGS CHEER THROUGHOUT THE YEAR!
CFC

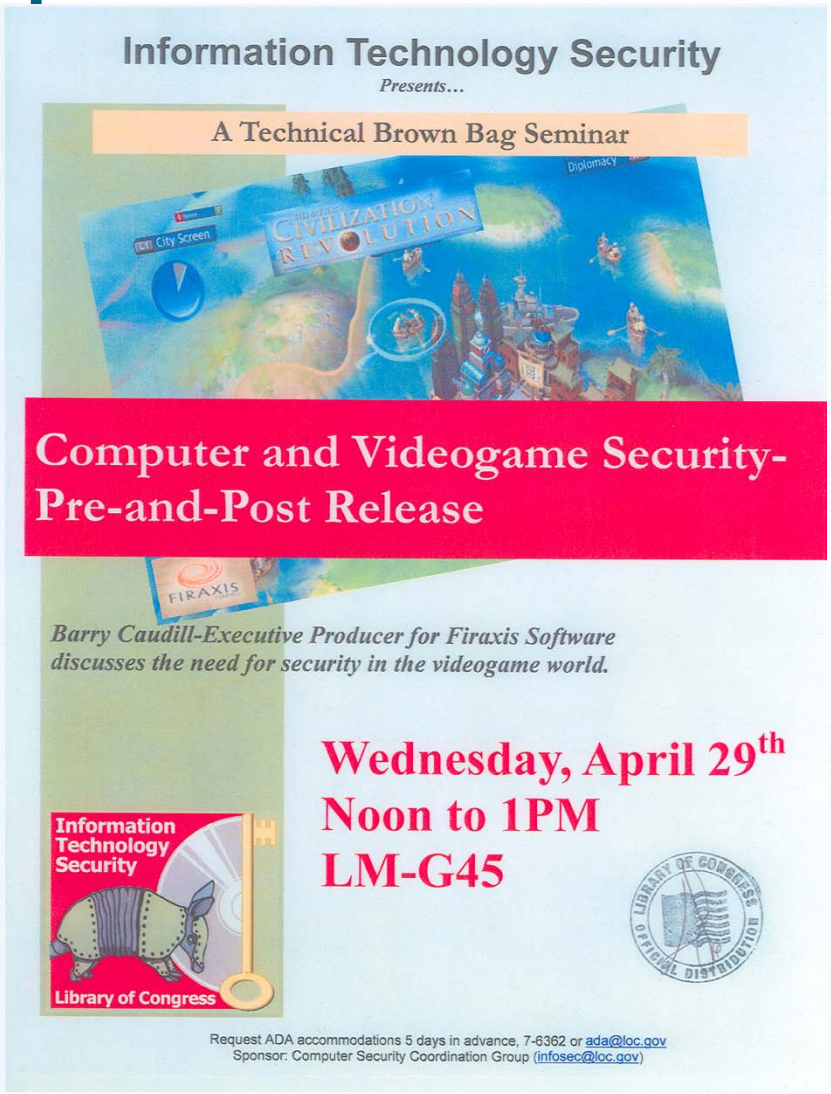
More Contest Prize Ideas

More Contest Prize Ideas

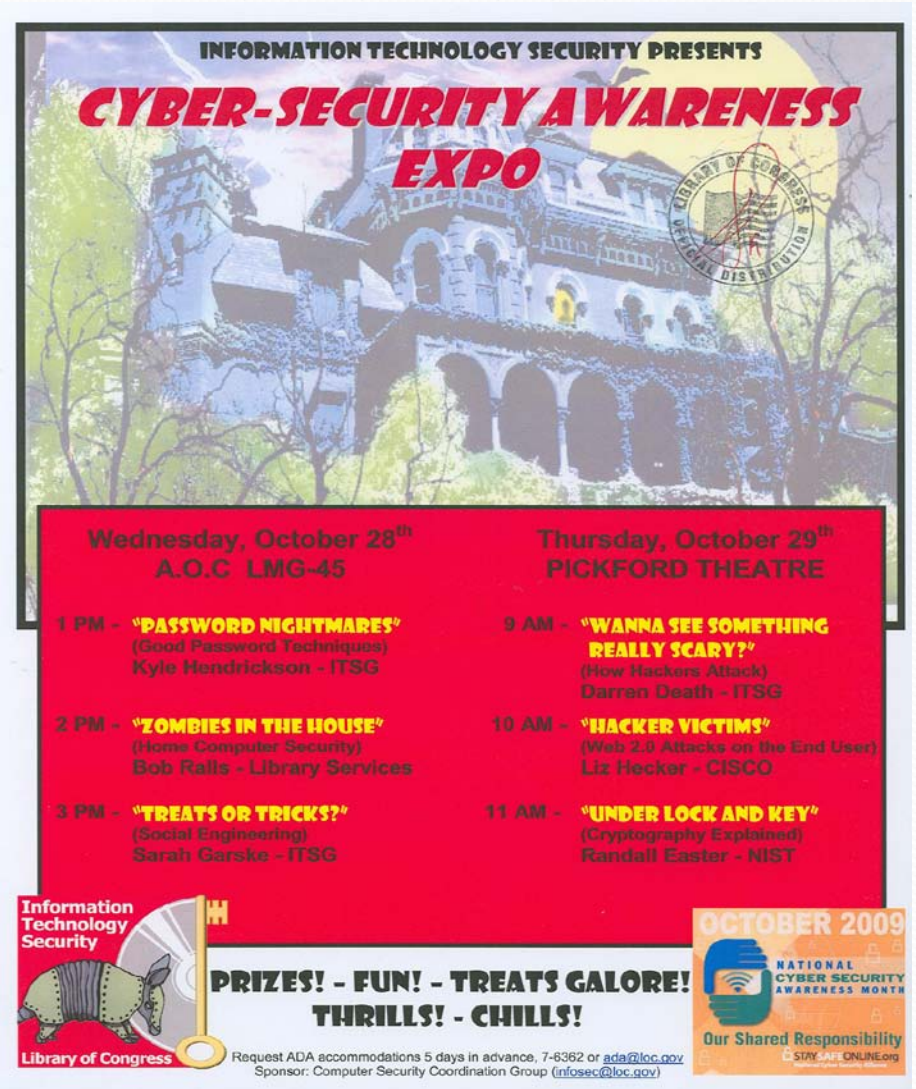
Guest Speakers

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

Guest Speakers



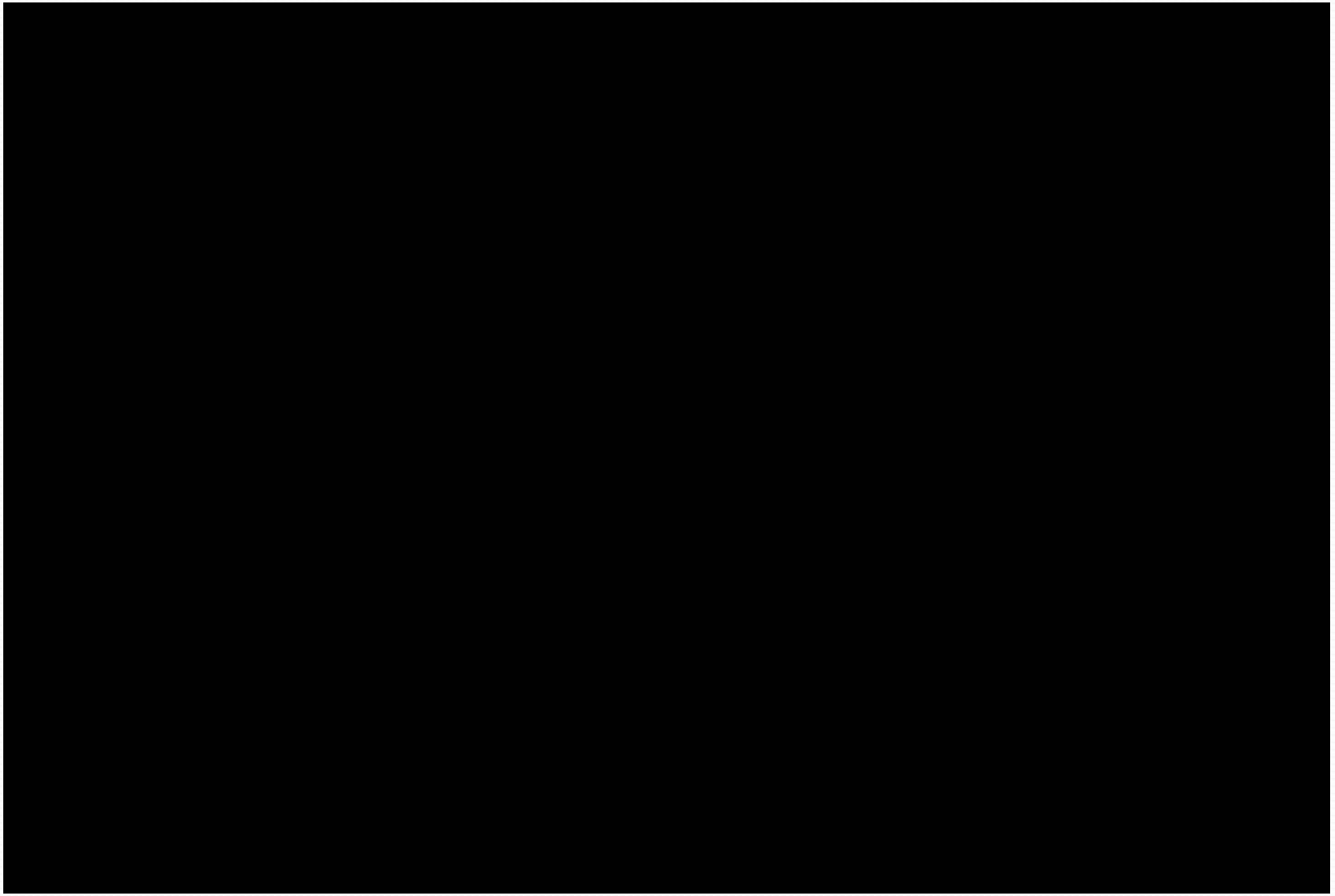
Security Awareness Month



Video

- Easy to do
- Great advertising

Video



Security Awareness Month

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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!

Joe Garrity

IT Security Trainer

Library of Congress

jgarr@loc.gov

202-707-5515