

Peace of Mind in a Digital World: Security Awareness & Best Practices

Hugh Burley, Thompson Rivers University

TRU's Awareness Program



- ISAE-I Basic Concepts and Practice
- ISAE-II Policies and Standards
- ISAE-III Privacy and Compliance
- ISAE-I online – Developed with CUCCIO SIG
- Privacy and Access – online – UBUTU
- Posters
- Events – Three student, one conference annually
- Continuous communication and feedback
- Other planned and random speaking opportunities

Peace of Mind in a Digital World: Security Awareness & Best Practices

Annette Doyle, University of Northern British Columbia

It should be no problem to create a security awareness program ..



Yes ... and no

- I asked several American universities if I could borrow ideas to use at UNBC
 - The response was mostly positive, some were even curious to see what I did with the content
- Most of the ideas and content I borrowed, could be easily implemented with no cost to UNBC
 - Other ideas were built off what I found and could be created and implemented using existing UNBC systems
 - Learn/Blackboard, sharepoint

• The good news

- There are plenty of websites, videos, blogs to get you started on the way to creating or rebuilding a security awareness program
- Most companies are ok with you borrowing ideas if you ask
- The more questions you ask, the better off you'll be

It should be no problem to create a security awareness program ..



Its not all sunshine and roses

- You're fooling yourself if you think you don't have stakeholders
 - And you probably have more than you think
 - Not all of them will be happy with a security awareness program "getting in the way"

The Not So Good News

- There is no one size fits all security awareness program
- Security awareness is not an area where you want to be "flying blind"

Well ... that didn't work



If at first you don't succeed,
try again

* Build on what worked, revamp
what didn't work as intended

So what now?

- Created a security awareness steering committee
- Get your stakeholders involved

Here phishy ..



Phishing assessments are great .. but

- Make absolutely sure if you're using a department that they **KNOW** before you release it that you'll be impersonating them, so they can prepare
- Tell your Help Desk that you're doing this, so when they get slammed, they know why

From: <@unbc.ca>
Subject: Changes to retirement
Date: February 18, 2016 at 9:08:22 AM PST
To: <>

UNBC HR

Dear ,

There have been changes made to your account, please click on the link below to make sure the changes are correct

[UNBC HR Login](#)

Thank you

UNBC Retirement assistant
University of Northern British Columbia
3333 University Way
Prince George, BC
V2N 4Z9

There <http://unbc.hushroute.net/security.php>
Click to follow link
[UNBC HR Login](#)

Hovering your mouse over the link shows that it is not coming from a UNBC site

There should always be a phone number and a person's name in legitimate email

When all else fails ... humor



Sometimes the most innocent things cause major disasters.

Top 10 worst passwords of 2015

1) 123456	6) 1234567
2) Password	7) football
3) 12345678	8) 1234
4) Qwerty	9) 1234567
5) 12345	10) baseball

If you think your password has been compromised, contact the Service Desk

A dramatic black and white image of a giant monster, similar to Godzilla, standing amidst a city in ruins. Smoke and fire are visible in the background, creating a sense of destruction and chaos.