PHISHING

Controllers Meeting – May 18, 2017

PHISHING

- What it is

- Why it's a problem

- What you can do to protect yourself

PHISHING

What it is…

The fraudulent practice of sending emails purporting to be from reputable companies in order to induce individuals to reveal personal information, such as usernames, passwords and credit card numbers.

Why it's a problem…

- The most effective and widely used tactic by cyber criminals to steal login credentials
- Single portal (myBYU) to access a wide array of applications and data. Protected only by password.
- Difficult to prevent
- Compromised NetIds are difficult to detect

EXAMPLE 1

Nick Turley

From:	HR Services <hr@byu.edu>
Sent:	Friday, January 13, 2017 1:18 PM
Subject:	Email addresses updated

https://www.cognitoforms.com/Krence/SignIn

This email is to confirm that you have successfully updated your email via myBYU.

This update occurred on 01/13/2017 at 09:53 a.m.

If you did not update this information online, please go to http://www.byu.edu/eid/help/stolen.html or call the Information Technology Services (ITS) Help Desk at 801-422-000 for assistance.

Please note that if you have multiple email accounts with Us, you may receive this message at each email address. If you performed multiple updates, you may also receive separate email confirmations.
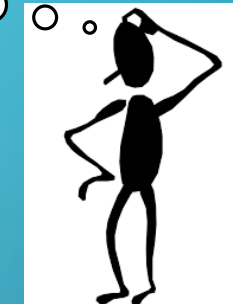
Thank you,
HR Services

-Misspelled or uncommon words
-Poor grammar
-Unknown or wrong names/titles
-Just doesn't quite fit BYU lingo

"Passsign"

BYU BRIGHAM YOUNG UNIVERSITY

Sign In

Net ID:

Forgot your Net ID

Passsign:

Forgot your passsign?

Sign In

Please do not submit passwords through Cognito Forms.

Report Abuse Terms of Service

cognito FORMS
Easily create powerful forms.

Try It Now

EXAMPLE 2

mailto:lysel@tdt.edu.vn

Hmmm… Something smells Phishy here…

From: BYU IT Support [mailto:lysel@tdt.edu.vn]
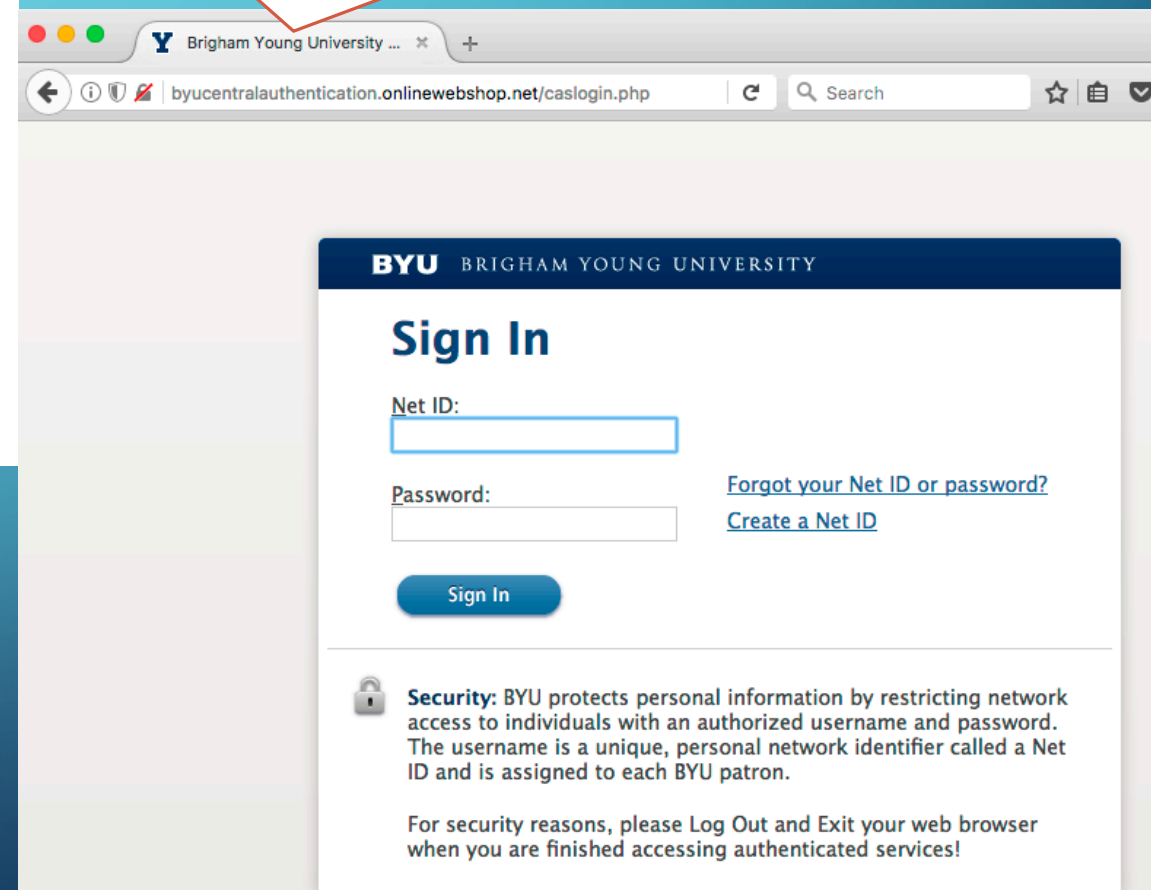Sent: Friday, March 10, 2017 12:21 AM
To:
Subject: Your Dropbox File

Security Alert on Account

We detected spam activities in your email account. Kindly click here to log on to OIT central authentication service portal to assist us resolve the spam issues on your account.

Thank you,

BYU IT Support
Office of Information Technology (OIT)

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byucentralauthentication.onlinewebshop.net/caslogin.php

Brigham Young University ...

byucentralauthentication.onlinewebshop.net/caslogin.php

BYU BRIGHAM YOUNG UNIVERSITY

Sign In

Net ID:

Password:

Forgot your Net ID or password?

Create a Net ID

Sign In

🔒 **Security:** BYU protects personal information by restricting network access to individuals with an authorized username and password. The username is a unique, personal network identifier called a Net ID and is assigned to each BYU patron.
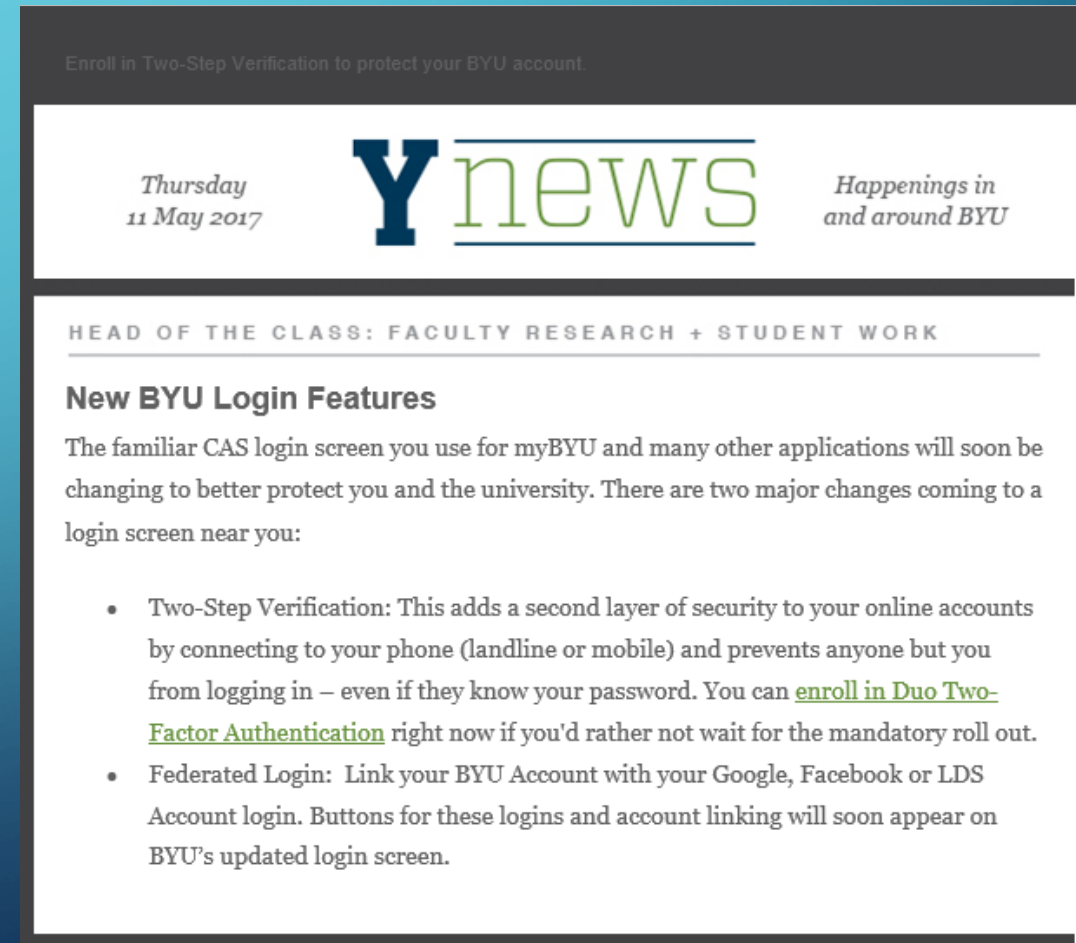
For security reasons, please Log Out and Exit your web browser when you are finished accessing authenticated services!

PHISHING

What to do to protect yourself (and BYU)…

- Be suspicious of emails you do not expect or receive from an unknown sender

- Know how to recognize a phishing attempt

- Forward any suspicious emails to:

    abuse@byu.edu

- Enroll in DUO two-factor authentication

    duo.byu.edu

"O be wise; what can I say more?"

Enroll in Two-Step Verification to protect your BYU account.

Thursday
11 May 2017

Ynews

*Happenings in
and around BYU*

HEAD OF THE CLASS: FACULTY RESEARCH + STUDENT WORK

New BYU Login Features

The familiar CAS login screen you use for myBYU and many other applications will soon be changing to better protect you and the university. There are two major changes coming to a login screen near you:

- Two-Step Verification: This adds a second layer of security to your online accounts by connecting to your phone (landline or mobile) and prevents anyone but you from logging in — even if they know your password. You can enroll in Duo Two-Factor Authentication right now if you'd rather not wait for the mandatory roll out.
- Federated Login: Link your BYU Account with your Google, Facebook or LDS Account login. Buttons for these logins and account linking will soon appear on BYU's updated login screen.

Questions?

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