

Dickinson

Savē | Financial Literacy Month Workshop **Avoiding Scams & Financial Fallout**

Andrew Connell

Director, User Services

April 26, 2018

Shortcut on Taking Notes

This PowerPoint Slideshow can be found here:

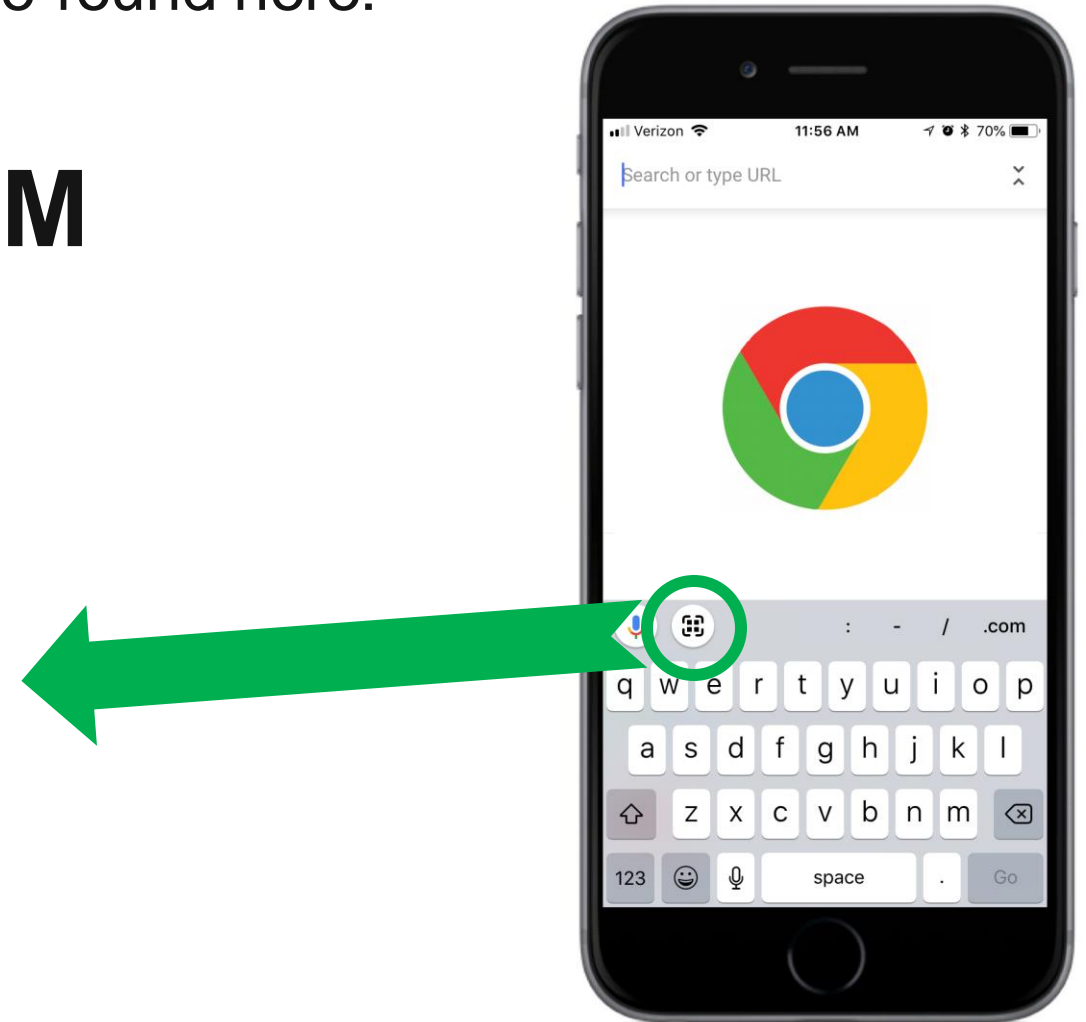
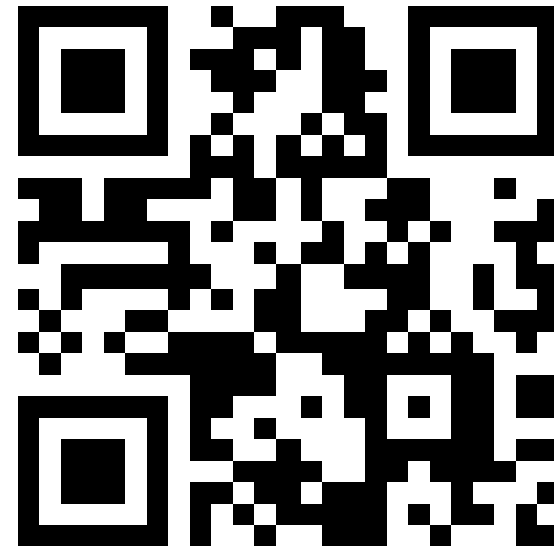
goo.gl/uvNaaM



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Overview

The THREE largest threats to your Cyber Security (and thus Financial Security on-line) are:

- Falling Prey to Phishing Emails
 - Weak Password Strength
- Unpatched Computers and Mobile Devices

Overview - Agenda

- What is Phishing?
- How to Spot a Phish
- Uh-oh, I clicked...now what?
 - Strong Passwords
 - Helpful Resources

What is Phishing? (a.k.a. Spear Phishing)

“The fraudulent practice of sending emails purporting to be from reputable/known entities/people in order to induce individuals to reveal personal information, such as passwords and credit card numbers, or unknowingly install malicious software (malware).”

Why Do Criminals Phish?

Money

- They gain access to computers and online accounts...
- So they can steal Personally Identifiable Information (PII)...
(Name, Social Security Number, Date/Place of Birth, Mother's Maiden Name, Biometric Records, Driver's License Number)
- Which they either sell or use to impersonate you in order to buy goods/services in your name
- OR encrypt your files until you pay a ransom (ransomware)
- OR use your computer as a launch point for other attacks (zombie/DDoS)

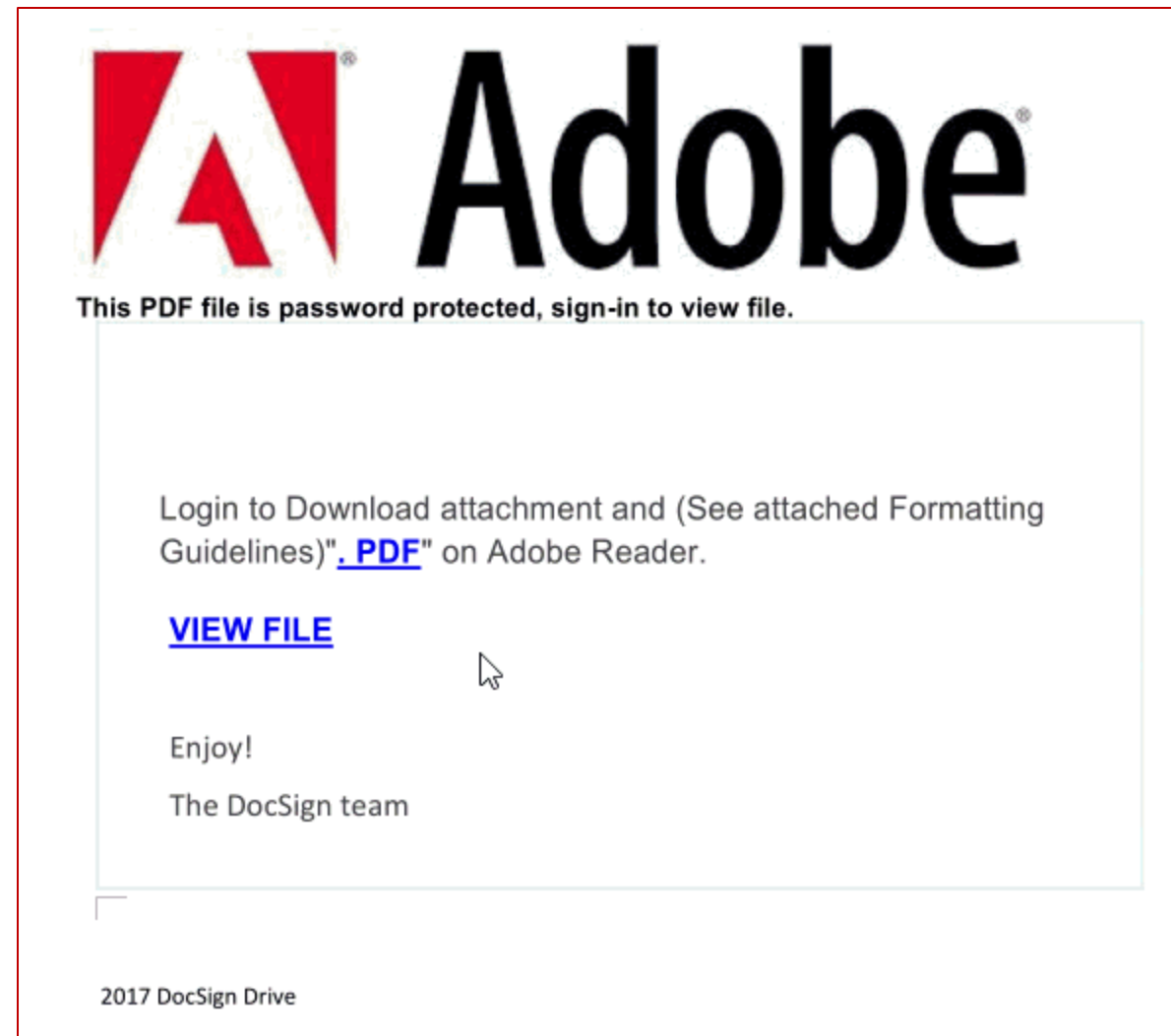
Why Do Criminals Phish?

Bad for you because...

- Obviously, your money is stolen
- Your credit rating may be impacted
- Damage to your reputation...
 - If it happens to you on your work computer and results in harm to the College...
 - Family, friends, and/or colleagues/students suffer from fraudulent messages sent as you...

How to Spot a Phish - MOUSEOVER

MOUSEOVER: hovering the mouse pointer over a link in an email message or webpage.

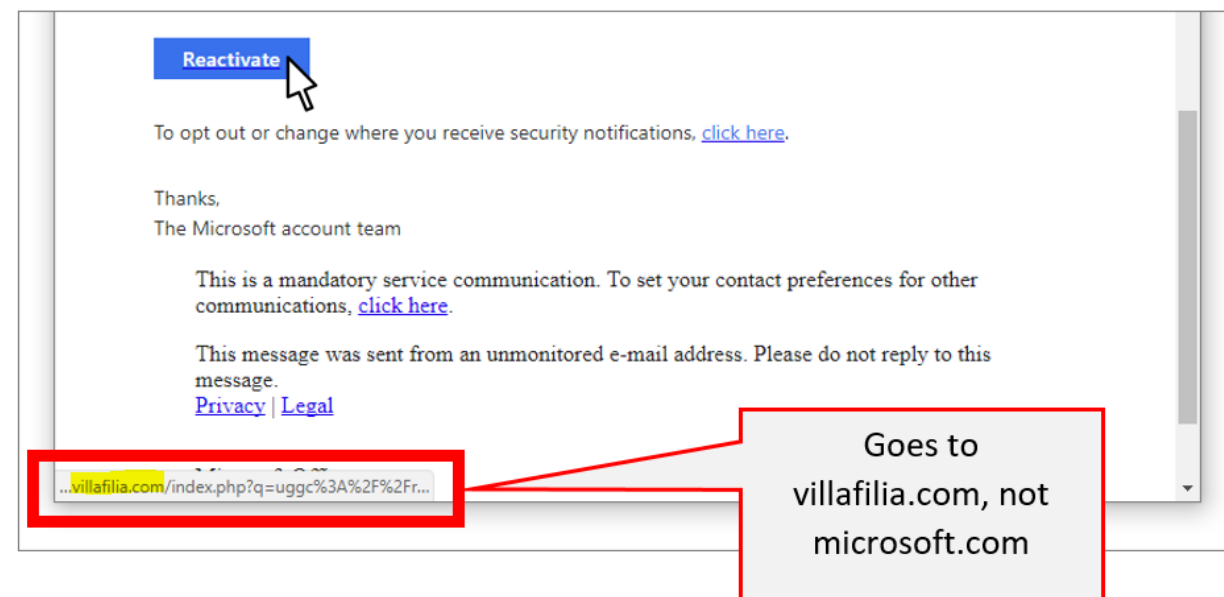


How to Spot a Phish - MOUSEOVER

Where does MOUSEOVER information appear?

Outlook Web Access (all Windows and Mac web browsers):

(target webpage URL appears on in the status bar at the bottom of the browser window)

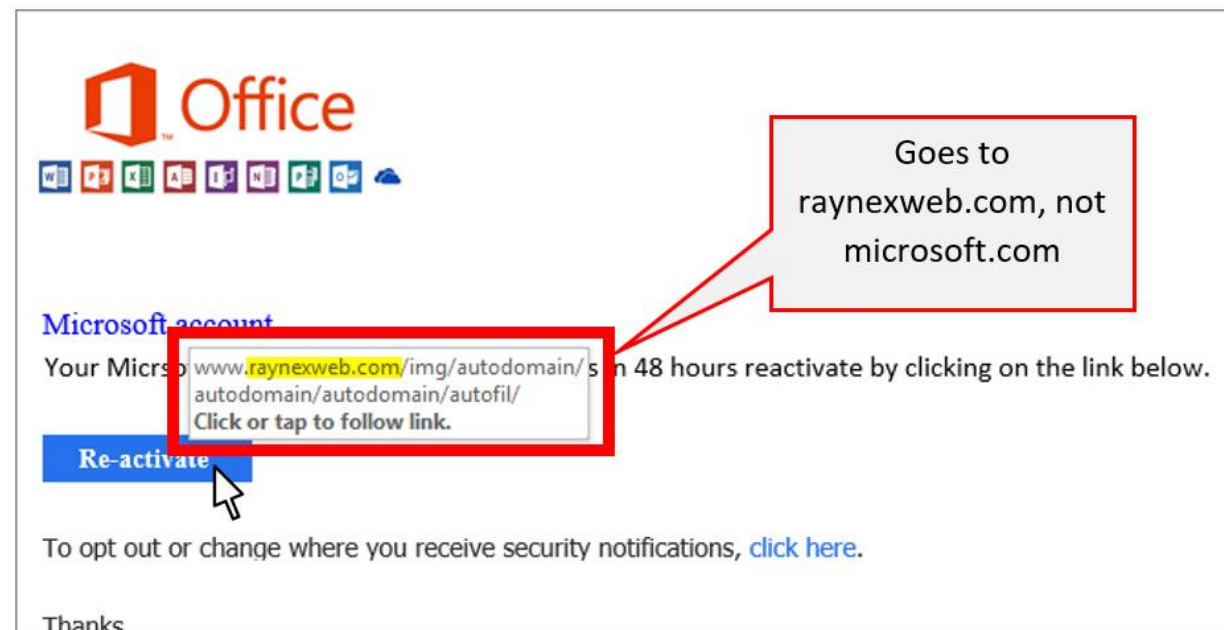


How to Spot a Phish - MOUSEOVER

Where does MOUSEOVER information appear?

Outlook 2016 for Windows:

(target webpage URL appears in a pop-up dialog box near the link)

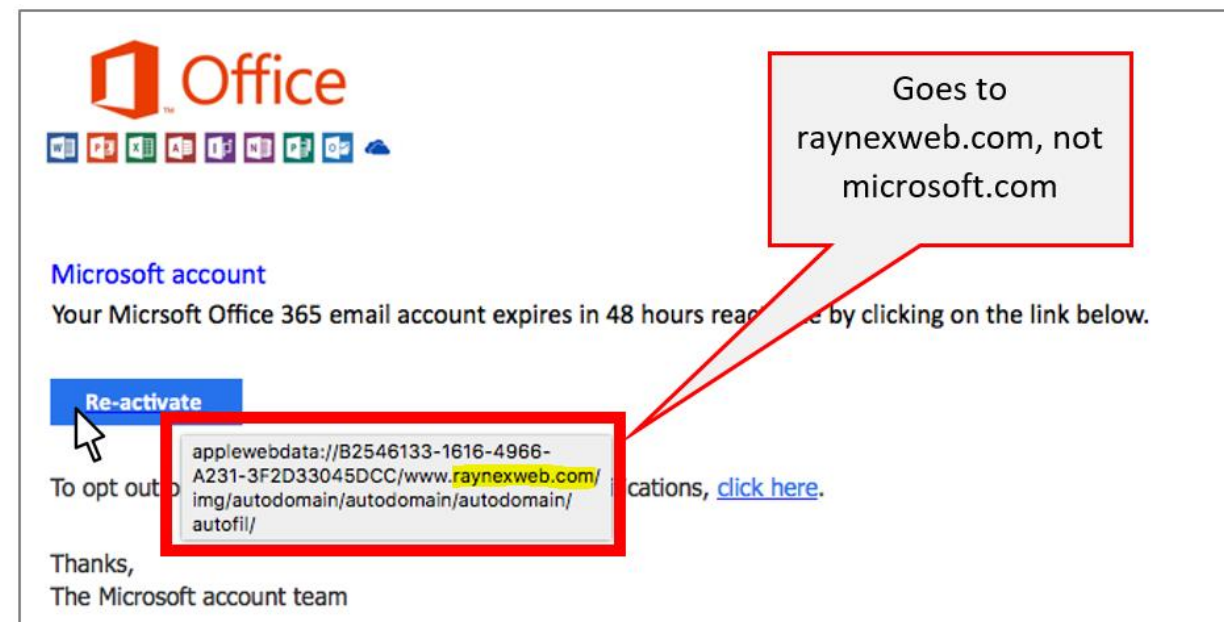


How to Spot a Phish - MOUSEOVER

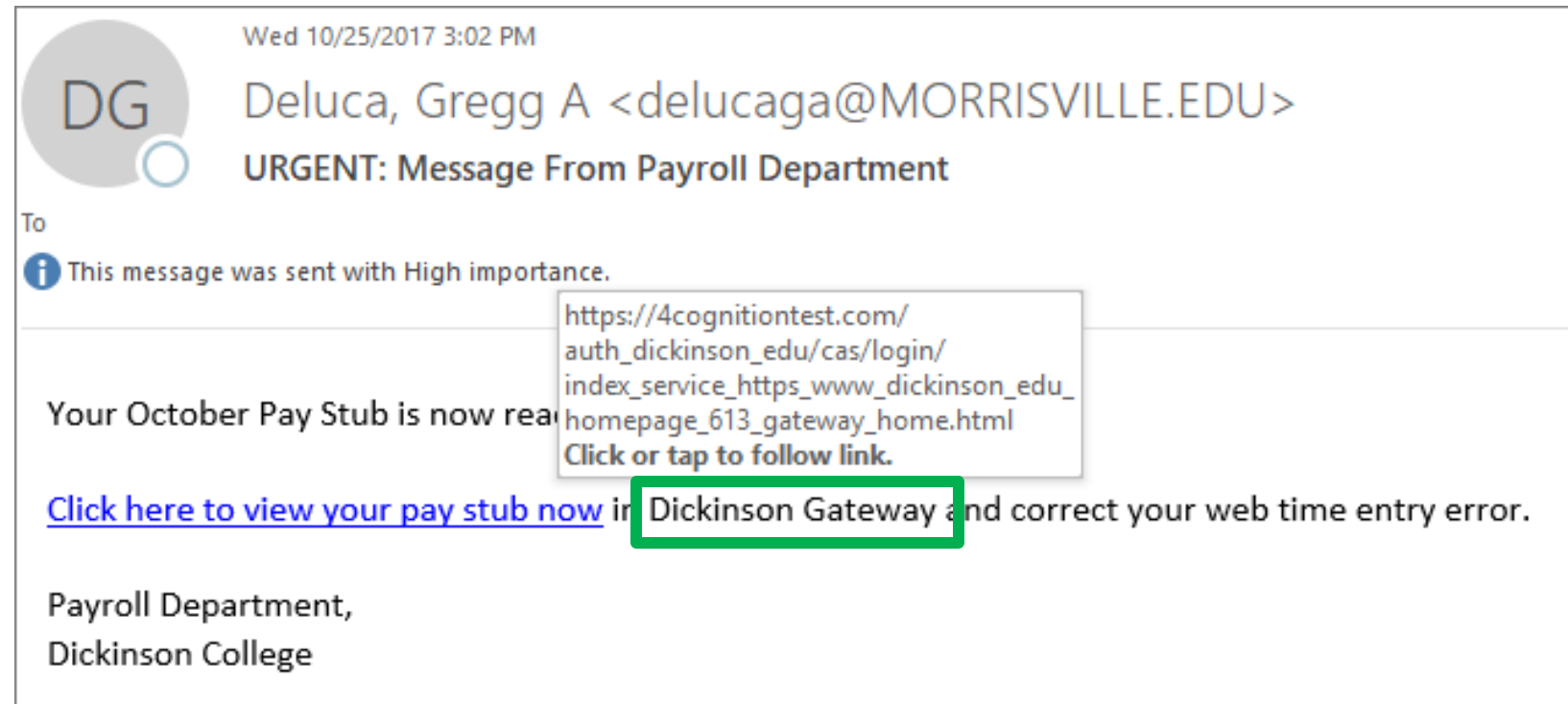
Where does MOUSEOVER information appear?

Outlook 2016 for Mac:

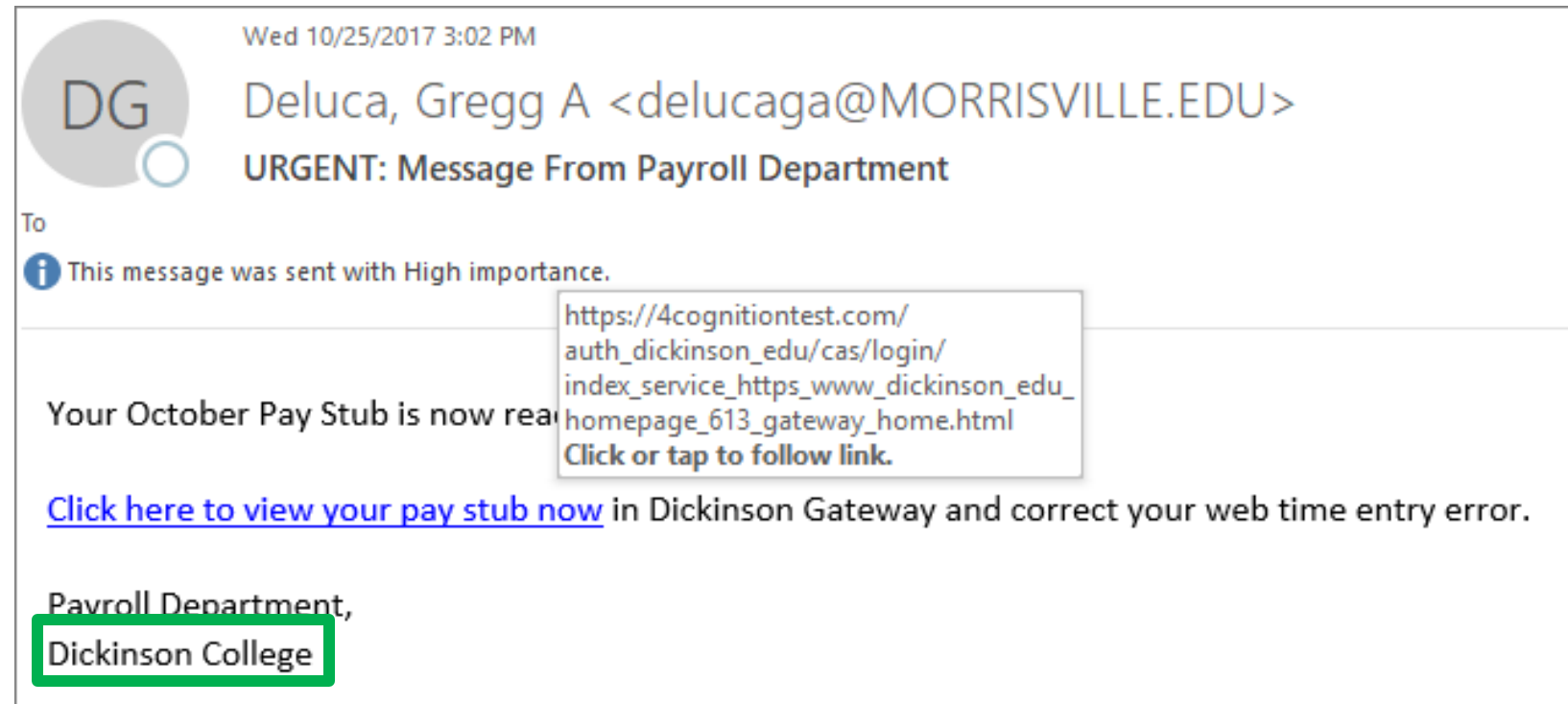
(target webpage URL appears in a pop-up dialog box near the link)



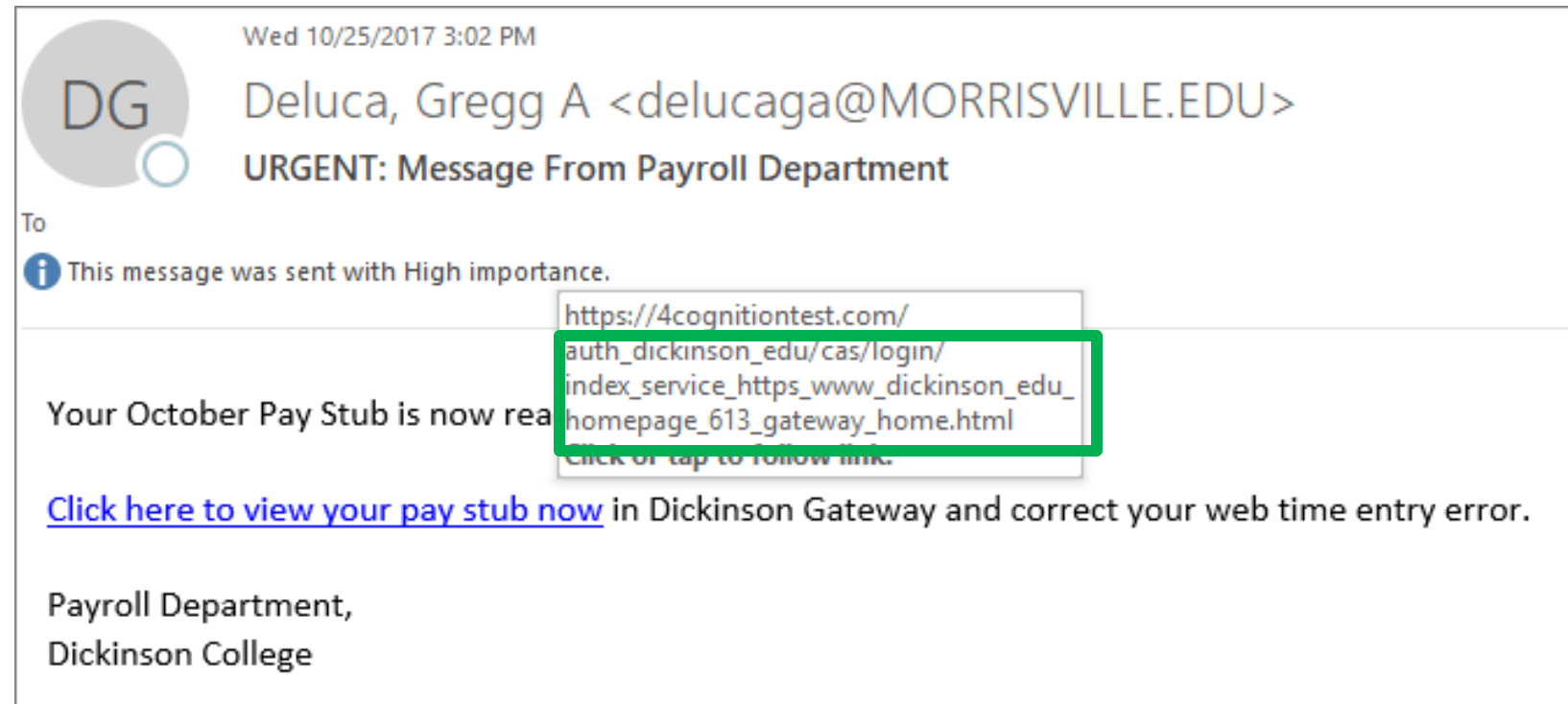
Phishing Example



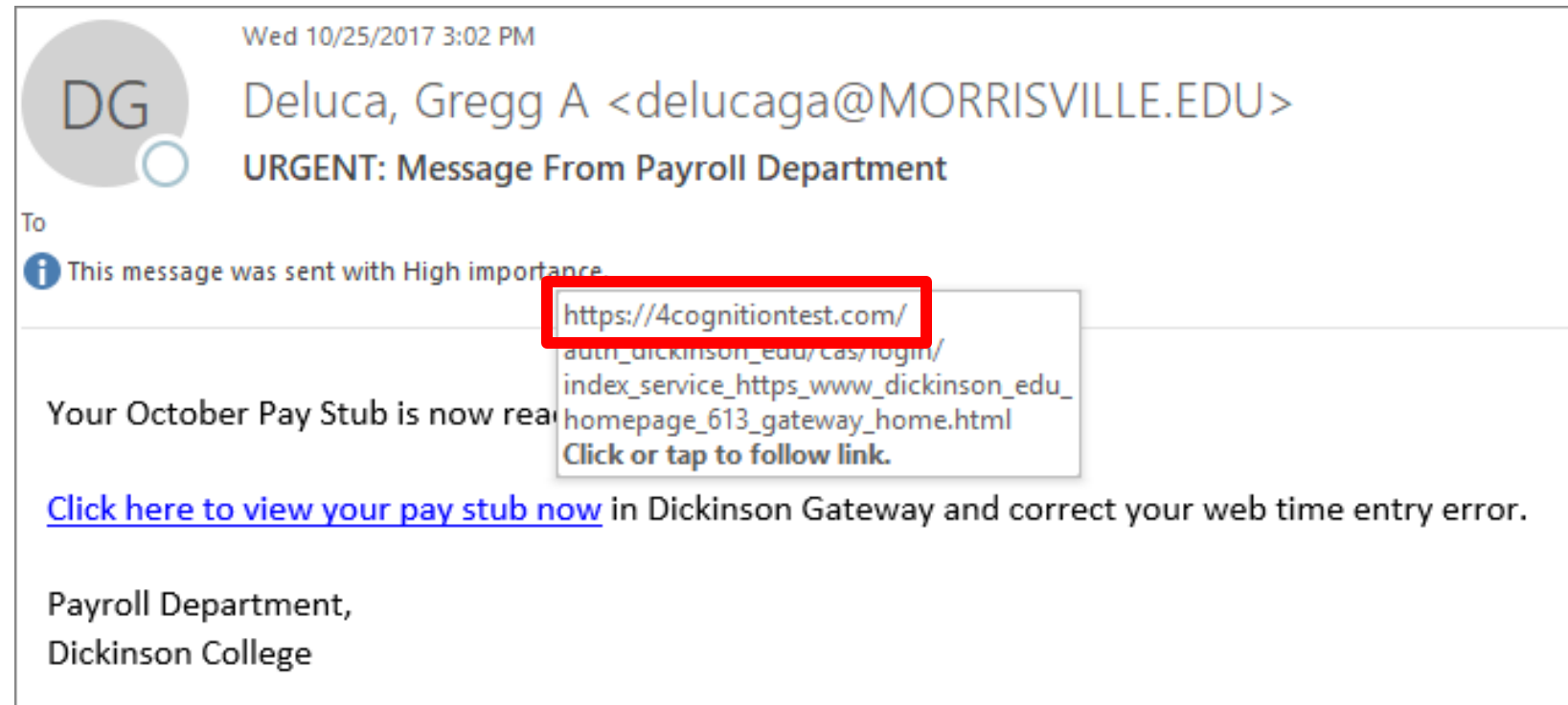
Phishing Example



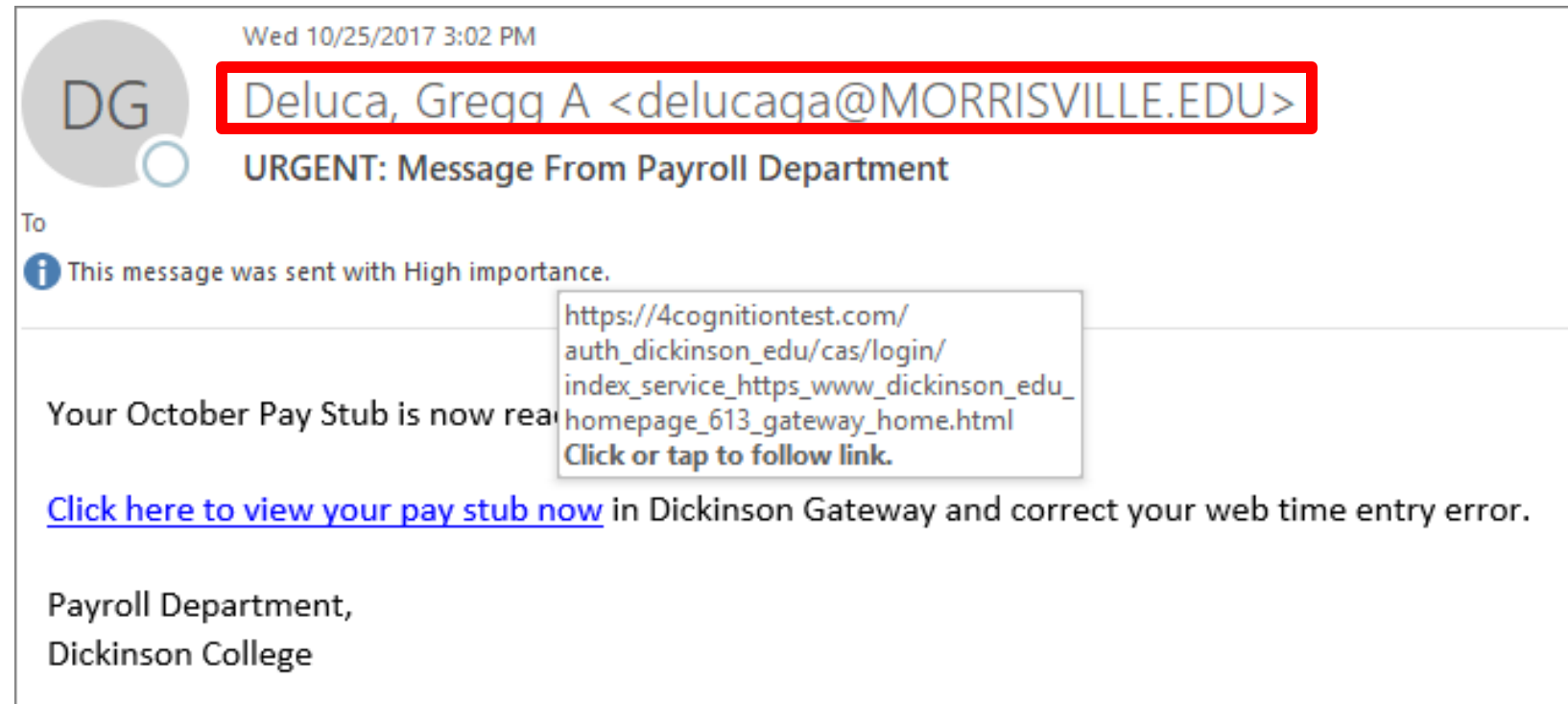
Phishing Example



Phishing Example



Phishing Example



Phishing Example (from 'President Ensign' yesterday)

LETTER FROM PRESIDENT MARGEE ENSIGN

Dear Colleagues:

I will like to remind each and every one of you that this organization holds itself to the highest ethical standards. To that end we are pleased to announce our updated Business Integrity Program. Adherence to the Program standards not only achieves compliance with applicable laws and regulations, but affords us tangible business benefits. These standards also avoids liability for our company and all of us and also protects our reputation, but that is only the first of several benefits.

We must not take these benefits for granted as corporate scandals in recent years at Enron, Tyco, and other companies –including some companies in the pharmaceutical and biotechnology industries – have eroded the confidence of employees, customers, shareholders, and others.

Each of us must regularly affirm our commitment to integrity by acknowledging our agreement to the standards outlined in the Business Integrity Program. Please recognize the compliance responsibility this organization places in each and every one of us, as it will be taken seriously and any failure to act in accordance with the principles outlined herein.

The Business Integrity program is attached in this email and can also be accessed [HERE](#). It is important that all staff go through it thoroughly and adhere to these standards so you will be helping to assure the future success of this organization.

Sincerely,

Margee Ensign
President
Dickinson College



**P.O. Box 1773, Carlisle,
PA 17013 | (800) 644-1773**

E-mail correspondence to and from this address may be subject to the North Carolina Public Records Law and may be disclosed to third parties by an authorized state official.

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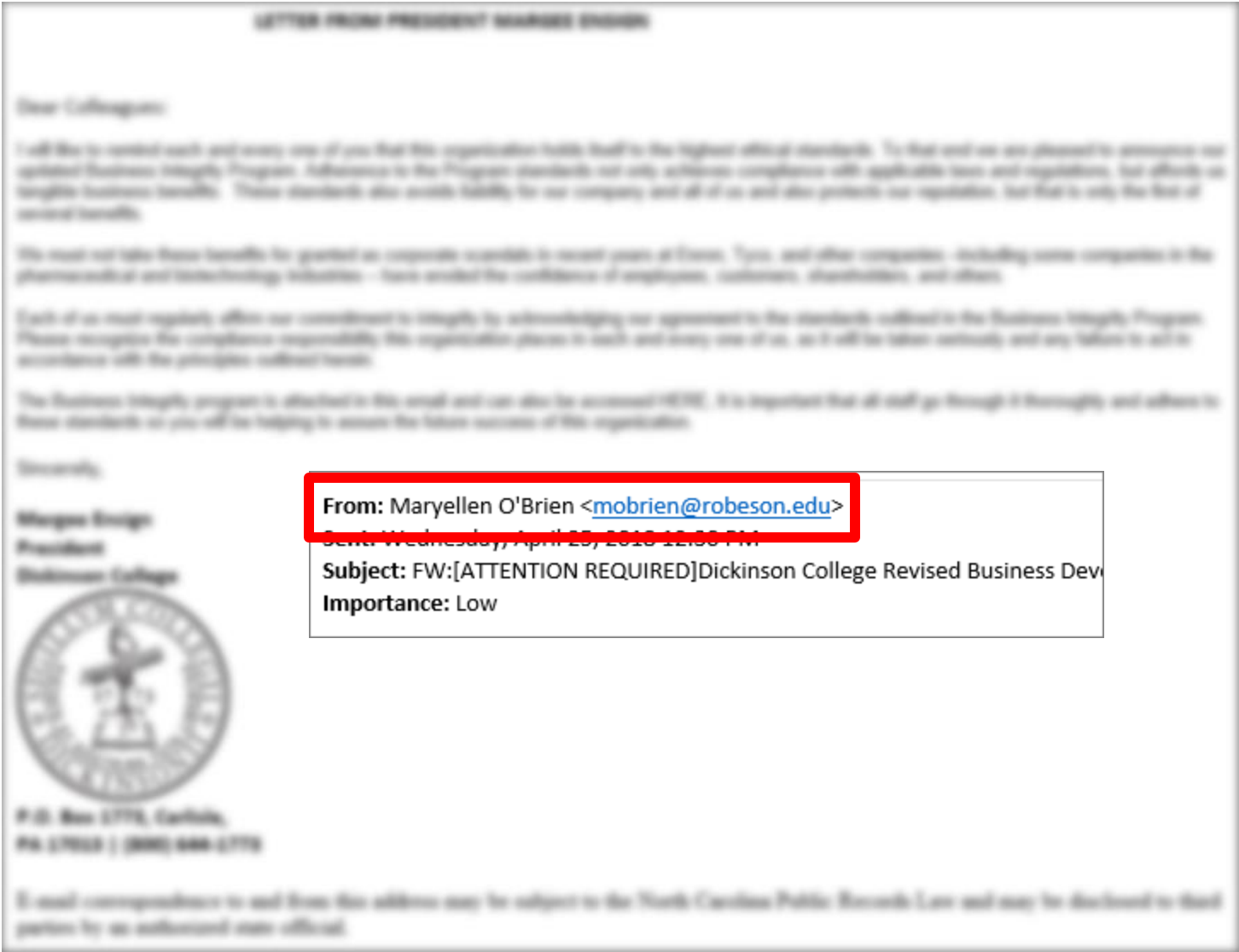
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Uh-oh, I clicked...now what?

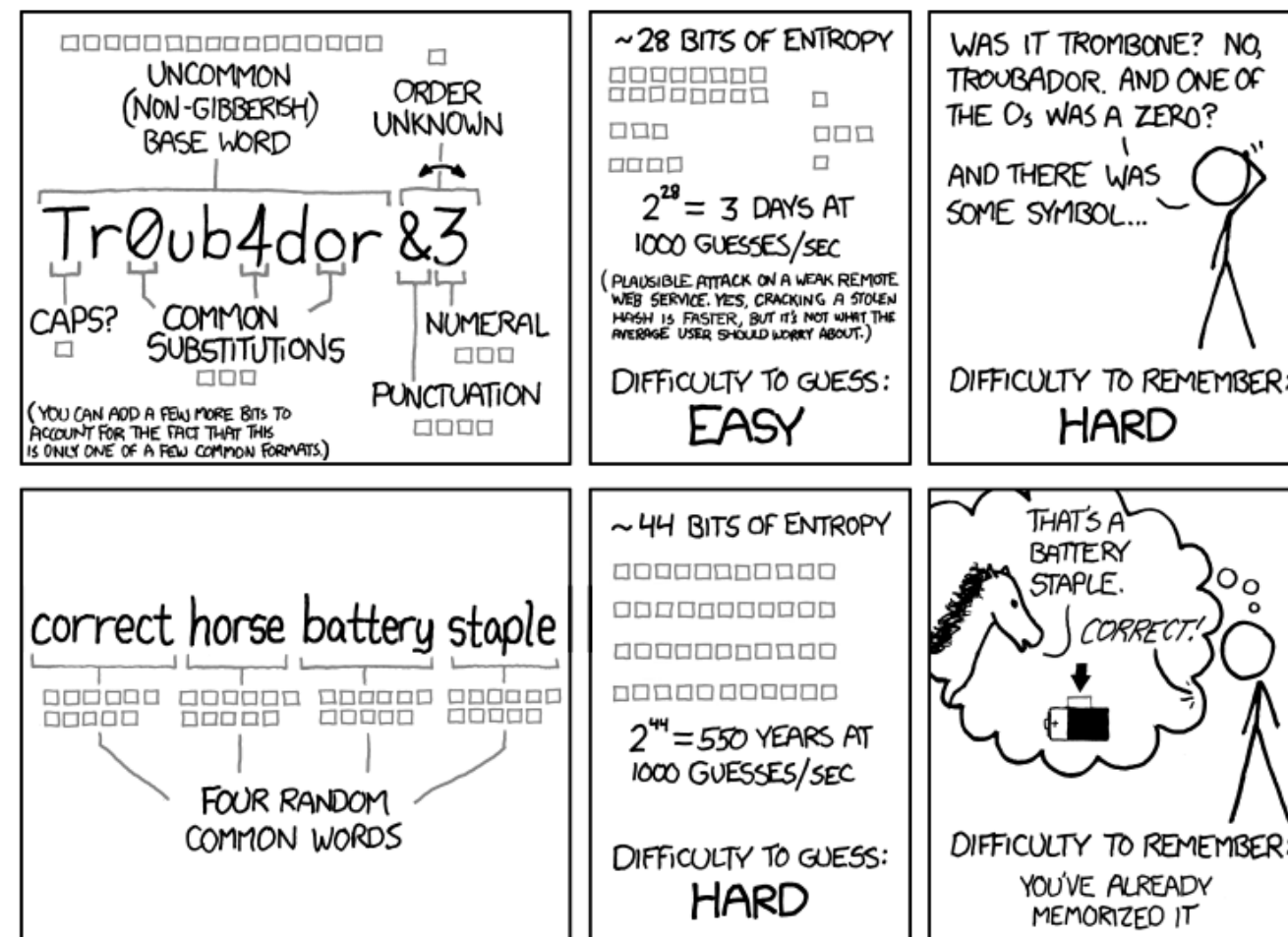
- Call the Help Desk (x1000 or 717-245-1000), or visit us in the lower level of the Waidner-Spahr Library, for assistance
- Change your Dickinson College account password on the [Gateway Login Page](#). Once your password is changed, do the following:
 - If you use a College-owned computer, reboot it to log back into it with your new password
 - If you are on campus, Forget/Re-log into Dickinson Wi-Fi with your new password on any mobile devices you have.
[Here's how for iPhone/iPad](#) | [Here's how for Android](#)
 - Update your email apps on any mobile devices to the new password as well.
[Here's how for iPhone/iPad and Android](#)

Uh-oh, I clicked...now what?

- Forward the fraudulent phishing email to phishingalerts@dickinson.edu to report it
- If you entered any financial information or personal account information into a fraudulent site, contact the appropriate financial institution for further advice

A Word on Passwords...

Dickinson has a complex password ruleset (8 or more characters, Capitals, Numbers, Specials, etc.), but the **BEST** password is a **LONG** password.



A Word on Passwords...

- Consider setting a long(er) password (where you can)
- Do not use the same password for multiple accounts
- Do not write down your password/account information

Resources

- [Dickinson Phishing Alerts and Intrusion Guidance Page](#)
- [Dickinson Information Security Page](#)
- [Federal Trade Commission Tech Support Scam Guidance Page](#)
- [MalwareBytes AntiMalware Software](#)
- [Dickinson Phishing Quiz](#)

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- [Norse](#)
- [Kaspersky](#)
- [FortiNet](#)
- [FireEye](#)

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