SECURITY TRAINING

By Wyoming volunteers for non-technical Wyoming citizens

WYOCAN

WYOMING CYBERSECURITY ACTION NETWORK

Developed by Wyoming CAN Members

Neil McSweeney, Chief Information Officer
at Meridian Trust Federal Credit Union

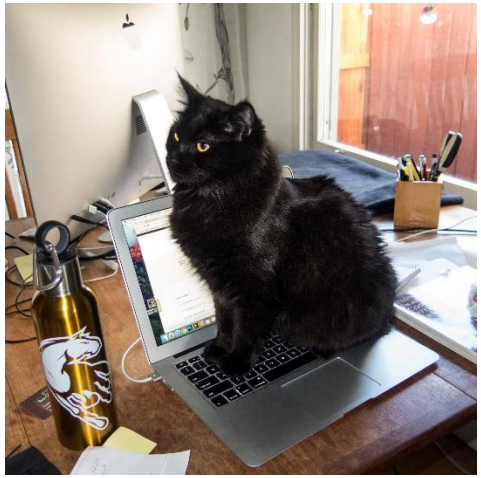
In collaboration with Laura Baker,
President of the CyberWyoming Alliance

Brought to you by the volunteer run Wyoming CAN Committee members

Security VS Safety

Security: We must protect our computers and data in the same way that we secure the doors to our homes.

Safety: We must behave in ways that protect us against risks and threats that come with technology.



And sometimes the threats are from unexpected sources.

Security at Home

KNOWLEDGE is power!

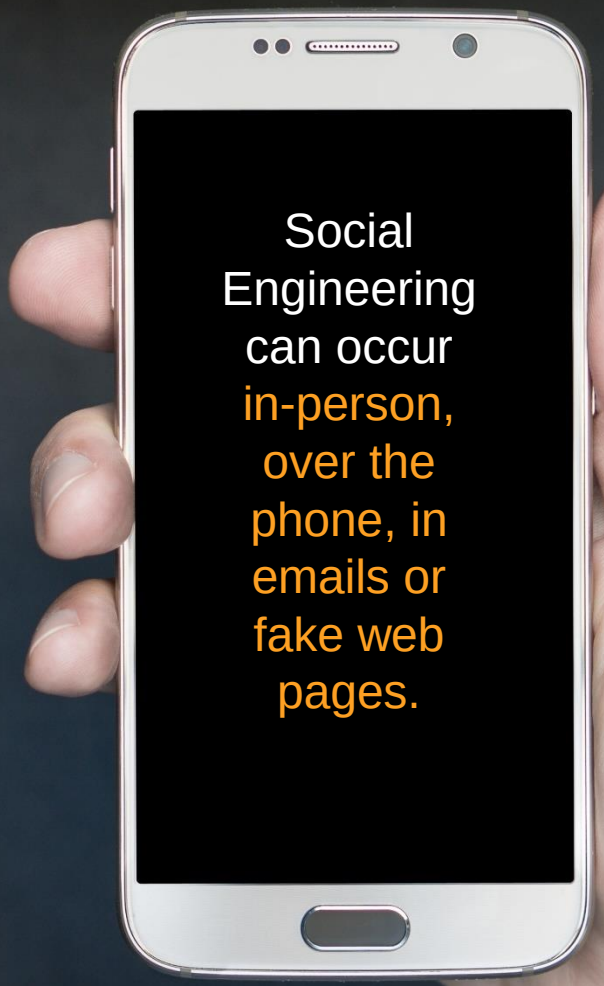
- Secure your computer(s)
  https://youtu.be/DaDF5VDVDuI
- Secure your wi-fi
  https://youtu.be/t_BWIBBH1tU
  https://youtu.be/HcpNq8MRDzI
- Remember physical security
- Talk to your family or roommates about safety and security

Type of Attacks

- Adversaries (hackers, criminals) will attempt to take advantage of the people through
- Social Engineering
- Phishing
- Spyware
- Worm
- Virus
- Password
- Rootkits
- Botnets / Zombies
- Trojan/Logic Bomb
- Ransomware
- Man in the middle
- Evil Twin
- Buffer Overflow
- Credential stuffing

Social Engineering Facts

Adversaries (hackers, criminals) will attempt to take advantage of the people through social engineering and other exploit-based threats.



What is social engineering?

Psychological manipulation of people into performing actions or divulging confidential information. A con trick for the purpose of information gathering, fraud, or system access.

Social Engineering Facts

- Non-technical attack that relies on human interaction and tricking people to release information that could be used to attack a computer system or steal an identity.
- Criminals\hackers use social engineering tactics because it is comparatively easier that other attacks.
- It is one of the most successful attacks, because its victims innately want to trust other people and are naturally helpful.

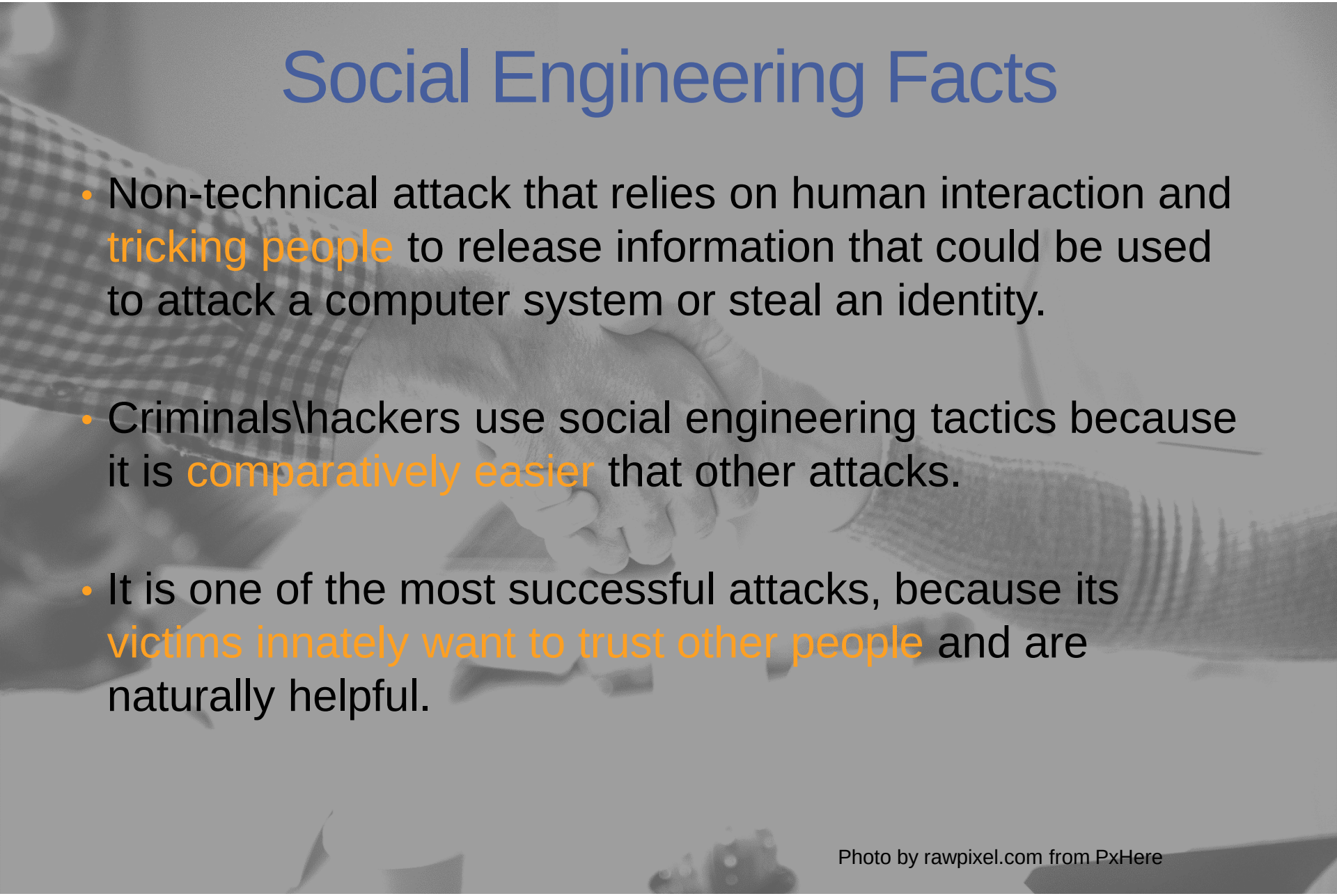


Photo by rawpixel.com from PxHere

Hackers want to make you believe!

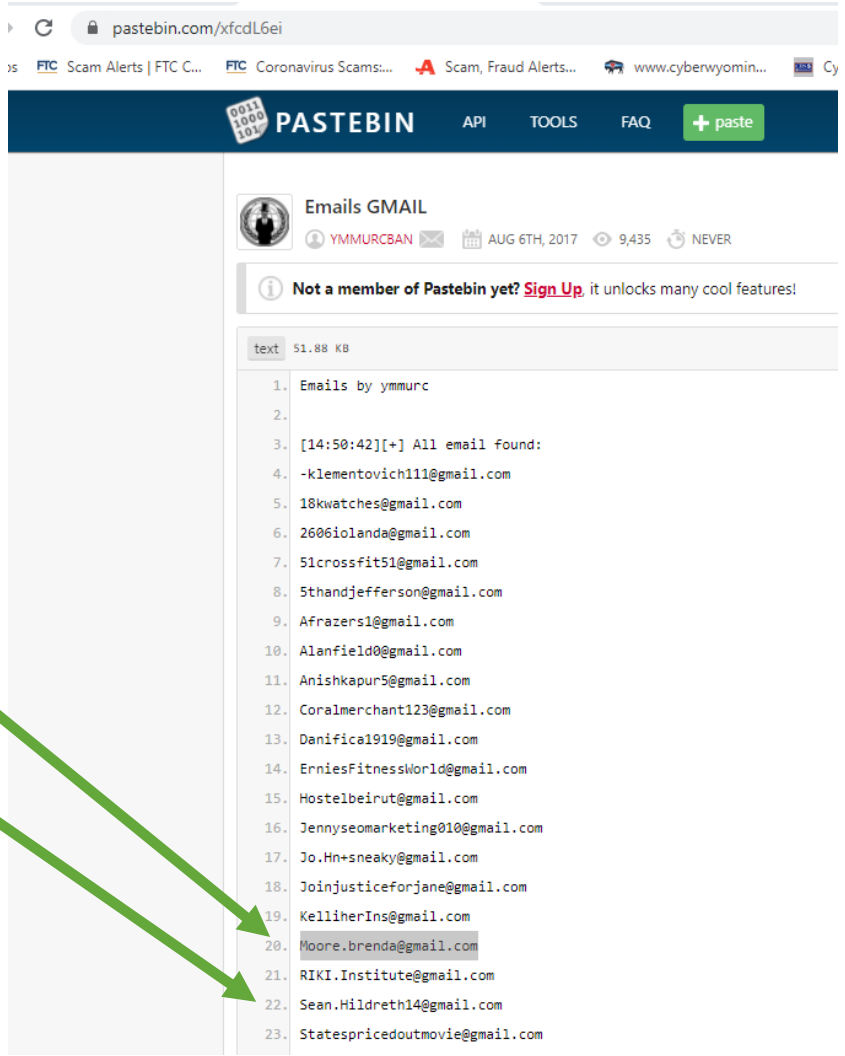
Where we willingly share our information, online

It's like striking gold to hackers!

If I were a hacker, I'd start with Pastebin

Moore.Brenda@gmail.com

Sean.Hildreth14@gmail.com



I’d look for a unique name

barackobama@gmail.com

benkramarz@gmail.com

brettmulkey@gmail.com

philpinsky@gmail.com

julia.dauksza@gmail.com

Then Search

Moore.brenda@gmail.com

Brenda Brewer Moore, moore.brenda@gmail.com, Contributing Writer

Front Page Africa Online

Brenda Brewer Moore

Nairobi, Liberia

Liberia cannot "Move On" from Rampant Child Abuse ...
https://frontpageafricaonline.com/amp/news/liberia-cannot-move-on-from-rampant-c...
Brenda Brewer Moore, moore.brenda@gmail.com, Contributing Writer Hawa was 12. Arma is 7. Veronica is 11. Vivian is 15. Aisha is 10. All five girls share an increasingly common experience in Liberia: each was raped. Hawa was raped, and killed. They are five out of the 462 sexual violence cases that were reported in Liberia between [...]

Brenda Moore. KEEP. Moore.brenda@gmail.com - Charter for ...
https://charter4change.org/we-need-localisation/brenda-moore-keep-moore-brenda...
'We need localisation to increase ownership' Brenda Moore, KEEP, Nairobi 19.02.16

Children's Aid Liberia - Posts | Facebook
https://www.facebook.com/Childrens-Aid-Liberia-449521691902507/posts/
Children's Aid Liberia, Klaksvík. 226 likes. Non-Governmental Organization (NGO)

Save A Child from Sexual Abuse by 3:15 PM: Horrid CSA ...
https://northwoodssaveachild.blogspot.com/2019/05/horrid-csa-reports-from-liberia.h...
Everyday thousands of children are being sexually abused. You can stop the abuse of at least one child by simply praying. You can possibly stop the abuse of thousands of children by forwarding the link in First Time Visitor? by email, Twitter or Facebook to every Christian you know.

Liberia Needs to End Corporal Punishment in Schools ...
https://frontpageafricaonline.com/amp/opinion/commentary/liberia-needs-to-end-cor...
On my 15th birthday, my school's registrar publicly flogged me in front of my class. I had skipped school during lunch break to buy chips and snacks to share with my classmates in celebration of my birthday. When I got back, I was caught by the Registrar who told me I was wrong for skipping [...]

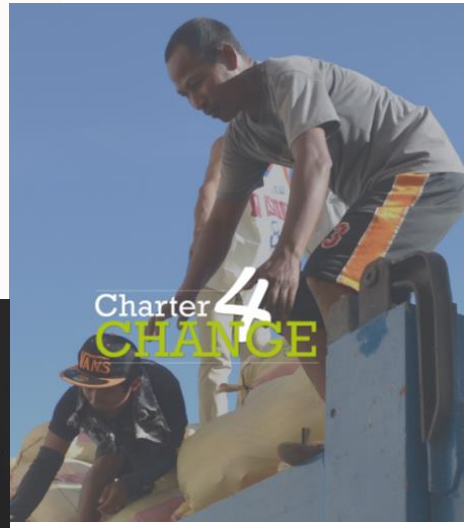
More on Brenda

Brenda Moore. KEEP. Moore.brenda@gmail.com

FOLLOW CHARTER4CHANGE

Charter 4 CHANGE
#Charter4Change
www.charter4change.org

The administration of Charter4Change is currently based at
Humanitarian Aid International (HAI),
2nd Floor, Building No. H-753-A, Ansal's Palam Vihar, Gurugram,
Haryana, India – 122017



Social Media

Brenda Mahseedah Brewer Moore
January 19 at 9:50 AM ·

Thanks to Green Community for partnering Kids' Educational Engagement Project and signing up for the first White Diamond Corporate package.

#KEEPReading
It truly takes a village.
Thank you🥰

Intro

Chief Executive Officer (CEO) & Founder at **J&A's Delicacies**

Chief Executive Officer (CEO) & Founder at **J&A's Delicacies**

Works at Ashoka Fellow

Founder & Executive Director at **Kids' Educational Engagement Project**

Lives in **Monrovia, Liberia**

Www.keepliberia.com

liberianjue.com

Brenda Mahseedah Brewer Moore

I am simply me.

Brenda Mahseedah Brewer Moore
Yesterday at 9:03 AM ·

Thanks to the Cummings Africa Foundation for joining us for a second year as partners in our fundraising efforts.

This time as a White Diamond Sponsor.

Wede Elliott-Brownell and team, thank you for trusting us and working with us.

Brenda Mahseedah Brewer Moore
Yesterday at 3:02 AM ·

Did you know that with the purchase of each ticket for the upcoming Valentine's Fundraising Dinner you get a branded KEEP journal, pen AND stick on pad?

Yep..... you do.

If you didn't know, now you know. ... See More

Her business

Jadelicacies@gmail.com

Her nonprofit

KIDS KEEP Educational Engagement Project

Donate Now

Get In Touch

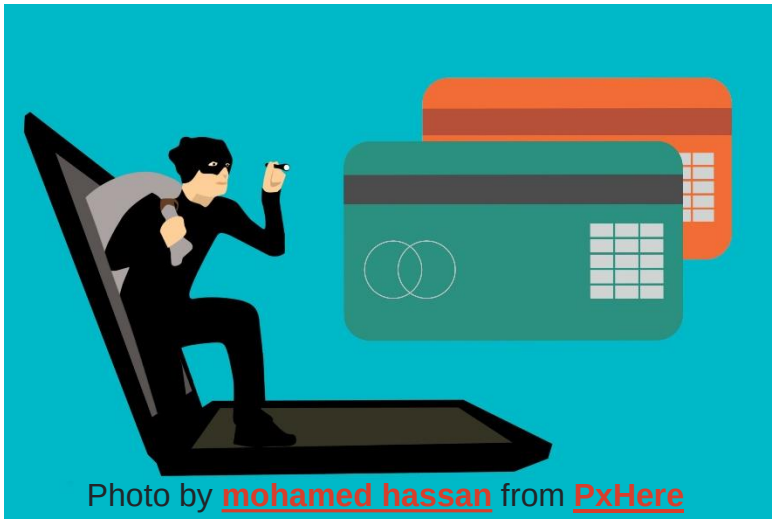
Address: 4 Carey & Lynch Streets, Suite #2, Monrovia Liberia

Email: info@keeplib.org

Phone: (231) 777-510-731

It would be easy to send an email

- A great deal on snails for J&A's Delicacies, but you just have to become a member for a price.
- Posing as a potential donor or volunteer for her nonprofit to get more personal information.
- Impersonating the Chamber of a prCommerce saying there is an event that she needs to attend for ice.

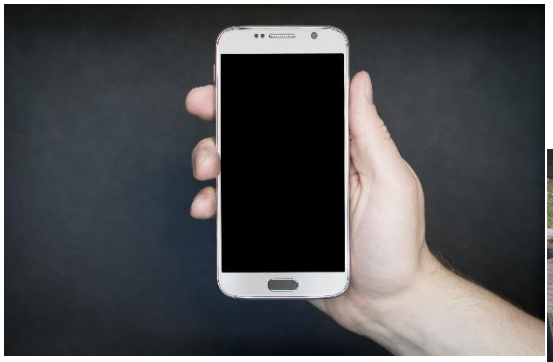


IF WE CAN DO THIS IN A DEMO

What do you think the professionals can do?

Have you Googled yourself lately?

Social Engineering In Person or Types



- Phone calls
- Dumpster Diving
- Malicious Emails
- Visitors and Vendors
- Targeting
  - Titles and Positions, New Hires
  - Use of social networking to gain information
    - Facebook
    - Instagram
    - Twitter
    - LinkedIn

Social Engineering Within Emails

- Messages that use humans curious nature, half stories
  - Email contains a link that you just have to check out as you are curious.
    - Your computer is now infected with malware, Hackers have control
    - **Email contain a download**–pictures, music, movie, document, etc.
    - Download contains malicious software, Hackers have control
- These emails may play on your heart string with a feel sorry situation or you won something
  - **Email urgently ask for your help**

    Someone is stuck in a foreign country robbed, beaten or in hospital.

    They need you to send money

    They tell you how to send the money to the criminal

- **Asks you to donate to their charitable fundraiser, or some other cause, you won without entering**
  - Instructions on how to send the money to the criminal

Put this knowledge to work!

- If unsure about a situation talk to someone - like your banking representative

- Never provide user ID or personal information
- Never give up your password, even to someone claiming to be an IT professional

Check out

Our phishing presentation

And the Wyoming CAN Cyber-in-a-Box videos on the Wyoming State Library's website at https://library.wyo.gov/services/special-programs/wyocan/

Questions
Share Your Ideas With Us!
We are continuously improving

WYOCAN
WYOMING CYBERSECURITY ACTION NETWORK