About Dr. Levy

✓ B.Sc. in Aerospace Engineering (1994)
✓ Master in Business Admin w/MIS Concentration (1998)
✓ Ph.D. in MIS (2003)

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In Collaboration With:

NOVA SOUTHEASTERN UNIVERSITY'S
GRADUATE SCHOOL OF COMPUTER AND INFORMATION SCIENCES

OCTOBER IS NATIONAL CYBERSECURITY AWARENESS MONTH

CYBER SECURITY DAY
AT NSU ON OCTOBER 14

More and more Americans are adopting new and innovative technologies and spending more of their time online. Our thirst for computers, smartphones, gadgets and Wi-Fi seems to have no limits. At home, at work and at school, our growing dependence on technology, coupled with increasing cyber threats and risks to our privacy demand greater security in our online world. (Department of Homeland Security, 2013)

“Some of the greatest assets one can have are strong cybersecurity skills. Without them, anyone can fall prey to fraud and identity theft. One example is with the use of ‘free’ Wi-Fi. Though almost all young adults use smartphones, most are unaware of the dangers associated with connecting to free Wi-Fi and/or access unsecured Websites. Once clicking ‘yes’ to the terms and conditions on an unsecured network at the airport, coffee shop, mall or somewhere else, it becomes possible for cyber criminals to download everything from that smartphone” (Dr. Levy, 2014).
About Mrs. Carlton

✓ B.A. in Business Administration (1990)
✓ Master in Business Administration (1998)
✓ B.Sc. in Computer Science (2000)
✓ M.Sc. in Information Studies (2004)
  network and security concentration
✓ Ph.D. in Information Systems (work in progress)
  information security concentration

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Center for e-Learning Security Research (CeLSR)

http://CeLSR.nova.edu/
Cybersecurity Skills Research

BIO-PIN™ Patent
What does responsible online behavior mean 2U?
Where are some places you connect to the Internet regularly?

C3
C3 = Cyber-\textit{security} + Cyber-\textit{safety} + Cyber-\textit{ethics}

Things U Do In Cyber Space (Online)?

\begin{tabular}{|l|l|l|}
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Cyber-\textit{Security}: & Cyber-\textit{Safety}: & Cyber-\textit{Ethics}: \\
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C3 Defined

- **Cyber-Security**
  “The protection of information and computer systems, as well as networks while connected to the Internet”

- **Cyber-Safety**
  “Responsible rules and behaviors designed to keep individuals safe whenever connected to the Internet”

- **Cyber-Ethics**
  “Cyber-Ethics involve the informal code of positive conduct used whenever someone is connected to the Internet”

1st C: Cyber-security

- Computer/Tablet/SmartPhone’s Internet connection = gate that swings both ways: *in-and-out*:
  – Files
  – Software
  – Pictures
  – Information

- Dangers to the ‘*in-and-out’
- Need to take precautions to prevent damage
2nd C: Cyber-safety

- Not just about protecting information and reputations
- Protecting yourself and others physically as well
- People can abuse, bully, harass, and stalk
- Many use mix of online and in-person techniques!!!
  - Stalking Resource Center: [www.ncvc.org/src](http://www.ncvc.org/src), Wired Safety’s [www.stopcyberbullying.org](http://www.stopcyberbullying.org), or the FTC’s [www.OnGuardOnline.org](http://www.OnGuardOnline.org)

3rd C: Cyber-ethics

- *No flaming* - If you wouldn’t say it to someone’s face, don’t say it online! Or seek help!
- *Respect others’ intellectual property* – don’t plagiarize or download unauthorized music, videos, software, and other copyrighted material
- *Properly cite information found online* (and find good information) – [www.nova.edu/library/dils/lessons/apa/](http://www.nova.edu/library/dils/lessons/apa/)
WWW Decision Tool

\textbf{W} \textit{– Who} is asking for this personal information?

\textbf{W} \textit{– What} information is being requested?

\textbf{W} \textit{– Why} do they need this personal information?

Session 1 Questions?