

Spring 2015 Computing at INI

**Mira Angelova
Director of Business Operations**

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Your Andrew Account

- www.cmu.edu/computing/accounts/
- **Provides access to many campus resources:**
 - Email
 - Computer labs and AFS home directory
 - Campus Web services ([student info](#), registration, etc.)
 - Campus network (via [NetReg](#))
 - Help at: it-help@cmu.edu

Your CMU ID Card

- Issued by The Hub (Lower level of Warner Hall)
- www.cmu.edu/idplus/idcards/
- Required to access INI building (4616 Henry St.)
- Required for printing

Network Access

- **Campus-wide wireless (ssid="CMU")**
- **Wired (ethernet) outlets throughout the INI bldg.**
- **Requires one-time registration of each network interface (MAC Address) with valid Andrew login**
 - First off-campus Web session redirected to [registration system](#)
- **Help at it-help@cmu.edu or 412.268.4357**

Printing

- www.cmu.edu/computing/clusters/printing/
- Install software and drivers on Windows or OS X
- Use “Andrew Central B&W” print queue
- Printouts may be released from any of three stations at INI, or at any [campus computer lab](#)
- CMU ID card required to release printouts

Computing Resources

- **10 lab machines (Fedora) on 2nd floor of the INI**
 - Useful as backup to your primary machine (laptop)
 - For support, email ini-help@andrew.cmu.edu
- **Campus computer labs (a.k.a. “clusters”)**
 - Remote ssh to `unix.andrew.cmu.edu`
 - See [map](#) for campus locations
 - Help at it-help@cmu.edu or 412.268.4357
- **Class-specific resources assigned by instructors**

Software

- www.cmu.edu/computing/software/ for access to site-licensed software for CMU affiliates
- [Microsoft DreamSpark](#): developer and design tools, OS images, etc.
 - Used to be known as MSDN Academic Alliance

Security

- **Beware of phishing scams !**
 - Legitimate CMU personnel will NEVER ask for your password !
 - Official notifications ALWAYS originate from a campus email address, and may be verified at www.cmu.edu/computing/news/
 - “Urgent” flash/javascript/etc. popup windows asking you to update/install unfamiliar security software

Security (cont'd)

- **Back up your data frequently**
- **Keep your software up to date**
 - Don't forget software installed separately from your OS (e.g. Adobe products, Java, etc.)
 - Generally, be aware of what's installed and running on your computer
- **Visit www.cmu.edu/iso/ for tools and links on how to protect yourself and your computer from online threats**

Security (cont'd)

- Central IT is diligent about **monitoring** the network, scanning for infected, unpatched, or otherwise vulnerable machines, and logging network activity
- Abuse of the CMU network can and will be traced back to you, resulting in suspension of network access:
 - Spreading malicious software (intentionally or not)
 - Excessive use of Internet **bandwidth**
 - Unauthorized sharing of copyrighted materials

You Should Know About DMCA!

- One of the three big risks you face on the network (along with malware and phishing)
- Typically, when you download something using e.g. the BitTorrent protocol, your client will also share “chunks” of the partially downloaded file with other “peers”
- This makes you visible to agents of copyright enforcement organizations, who will then file a DMCA notice with CMU’s [Information Security](#)
- Student DMCA process is posted at www.cmu.edu/iso/aware/dmca/process.html

Additional Questions and Support

- Contact ini-help@andrew.cmu.edu
- These slides can also be downloaded from:
http://www.ini.cmu.edu/current_students/ini_orientation_computing.pdf