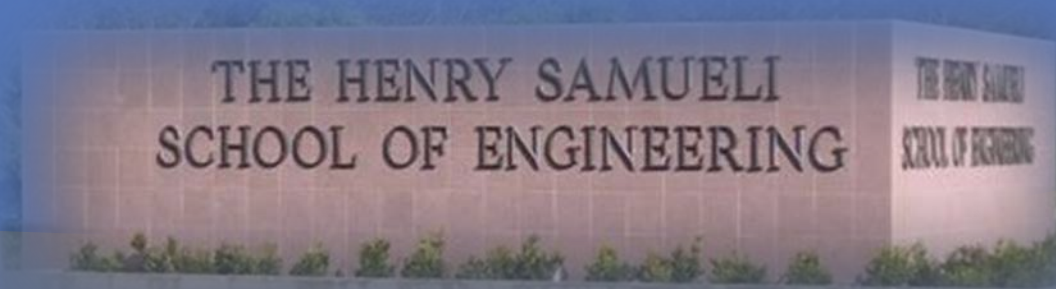


# Helpful Computing Tips for HSSOE Grad Students

Lisa Preble

Instructional Lab Manager



THE HENRY SAMUELI  
SCHOOL OF ENGINEERING

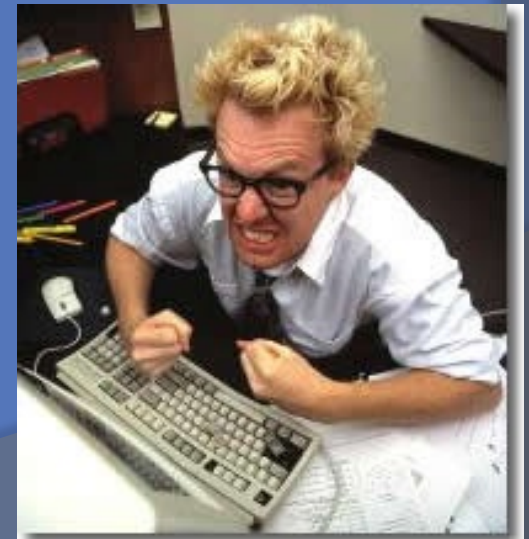
THE HENRY SAMUELI  
SCHOOL OF ENGINEERING

# Things you need to know...

- ◎ **YOU ARE FIRST CONTACT** for faculty and research computing support!!

## TOPICS

- OIT – Campus Computing
- HSSOE computer labs
- Networking & Downloading



# Campus Computing

● [www.OIT.uci.edu](http://www.OIT.uci.edu)

- Network & Telephone
- Email & Webfiles
- 115 Aldrich Hall

● x4-2222

Friday August 19th, 2011 » Summer Session II

 OFFICE OF INFORMATION TECHNOLOGY  
UNIVERSITY of CALIFORNIA • IRVINE

QuickLink Search UCI Directory

Home Help Desk Administrative Systems Services & Support » Instruction & Research » Network » Telephone » About OIT »

### Systems Status

Internet connection issues 

 Resolved  Reported

### Scheduled Downtimes

Oracle Calendar  
All Administrative Systems

### Quick Access

Activate My UCInetID

### Welcome to the Office of Information Technology

Office of Information Technology (OIT) is responsible for meeting the IT needs of UC Irvine faculty, staff, and students. Our mission is to support and enhance instruction, research, scholarship, and administration through effective management and use of IT resources.

### News & Events

#### Sites@UCI

Thursday, August 18, 2011

We have recently rebranded Blogs@UCI to **Sites@UCI** to reflect the expanded use of the service. We have also changed the address to "sites.uci.edu". Blogs.uci.edu will still work, however you

# WebFiles - UCI's cloud file storage

<https://webfiles.uci.edu/>

- 2 Gigabytes of disk space
- Both private and public space
- ◉ Your URL:
  - <http://webfiles.uci.edu/<UCINetID>/www>
- ◉ [Web Dav](#) – set up shortcut on your desktop
  - ◉ It acts like a mapped drive, ex D: drive



# File Synchronization & Storage

- Microsoft
  - [Sync Toy](#)
  - Good for file sync with external drive
- Google Apps – UCI Accounts
  - [Google Cloud Connect](#) for MS Office
  - Google Drive
- Currently – No Approved Cloud Service
  - Copyright issues with UC Research

# Remote Access

- Use VPN software from OIT:
  - <http://www.oit.uci.edu/security/vpn/>
- Allows you to view library and other campus web pages from off campus.
- Encrypts web traffic for better security.



# Connect to Campus Network

## ● Wireless & Wired Network

- Register your device
- <http://www.oit.uci.edu/mobile/registration.html>
- UCINet Mobile Access

## ● Handheld devices

- <http://www.oit.uci.edu/handheld>



# HSSOE Computer Labs

- Engineering Hall 1131, 1141, 1150 1151
  - Drop-in use and instruction.
  - Always open!
- MSTB 224
  - Drop-in use and instruction.
  - 8am-10pm M-F, 8am-6pm Sat, Closed Sunday
- Engineering Computing Trailer (ECT 123)
  - Civil Engineering Software
  - Always Open
  - Drop-in use and instruction.

See our Facebook Page – [HSSOE Computer Labs](#)



# Computer Lab Software

- Abaqus
- MSC Dytran
- MSC Marc
- MSC Nastran
- MSC Patran
- Solidworks
- AutoCad (Civil Lab)
- AutoCad Civil 3D
- ArcGIS
- Mathematica
- Matlab
- Visual Studio 2010
- Microsoft Office
- Microsoft Project
- Microsoft Visio
- National Instruments Labview

# More computer lab info

- ⦿ Computer lab access
  - Username: <UCINetID>
  - Password: <your UCI password>
  - Domain: UCI.EDU
- ⦿ Printing
  - Add money to your student ID
  - At UCI Library Print Stations
- ⦿ Computer Lab & Laptop Website:
  - ⦿ <http://laptops.eng.uci.edu>

# Where to get software - *legally*

- Microsoft DreamSpark
  - <http://hssoe.onthehub.com>
- [The Computer Store](#) at the UCI Bookstore
- Some dept's have their own site licenses. Ask your department.
- Campus site licenses
  - <http://licenses.oit.uci.edu>

# Network Policy

## DO NOT....

- ⦿ Download or share copyrighted material illegally
- ⦿ Use excessive network bandwidth when it does not support your university research & educational goals
  - ⦿ [UCI & UC Regents Policy](#)
  - ⦿ [UCI Electronic Communication Policy](#)

# Network Policy

- What does this mean?
- NO Peer-to-Peer!!**
  - Examples: uTorrent, BitTorrent, BitComet
  - And...
- No excess downloading, of any kind, of more than 10 GB per day.
- Exceptions for research.



# Network Policy

- ① *What happens?*
- ② We find out about it!
  - ③ OIT – detects excessive downloading.
    - ④ AND
  - ⑤ We receive messages from media companies stating **you** have downloaded the latest Harry Potter movie.
  - ⑥ **Don't do it!!!!.**

# Network Policy

## What happens to YOU?

- Your computer will be blocked.
- You will be asked to remove the material and to comply with US laws and University policy.
- Possible disciplinary action.
- Your faculty advisor may be notified.
- The Deans' Office may be notified.

# Network Policy

## WHY?

- ◎ The University is charged by peak bandwidth usage.
  - High bandwidth = \$\$\$
- ◎ Universities have been penalized in US Courts for not complying with copyright laws.



# Network Usage

What is allowed:

- Personal and incidental use of network resources
  - Ex: email your mom (is OK)
- Use of network and computing resources in support of your research and educational goals
  - Your faculty advisor should be able to confirm these goals when asked.

# More about Policy

## ● Links for UC & UCI Policy

- <http://www.policies.uci.edu/adm/pols/714-18.html>

## ● Policy you should know about:

- [UC Electronic Communications Policy](#)
- [UCI Computing Policy and Information Systems](#)
- [DMCA](#) – Digital Millennium Copyright Act
  - United States copyright law
  - criminalizes production and dissemination of technology, devices, or services intended to circumvent measures that control access to copyrighted works

# More information:

- ◎ Lisa Preble, [LPREBLE@uci.edu](mailto:LPREBLE@uci.edu)
- ◎ Ext. 4-3965
- ◎ ECT 120 G
  
- ◎ Questions???
  
- ◎ Download this talk at:
- ◎ <http://laptops.eng.uci.edu>