# Secrets of the ISU Computer Science Department

Last Updated: 1/18/2011

# Contacts

## System Support Group (SSG)

0125 Pearson Hall

Ames, IA 50011

## Phone

Normal Business Hours:

(515) 294-3450

After Hours:

(515) 290-9351

## Email

[ssg@cs.iastate.edu](mailto:ssg@cs.iastate.edu)

## Staff

**Barry Britt:** 131 Atanasoff Hall (Atanasoff Support), (515) 294-8636

**Jason Chen:** 0123 Pearson Hall (Infrastructure), (515) 294-7214

**Dean Lin:** 0125 Pearson (Instructional Labs), (515) 294-0179

# Facilities / Computing Labs

Teaching Labs: Pearson 0105, 0108, 0109, 0141, 0158

Collaboration Spaces: 0102, 0158

You can see an image of the bottom floor of Pearson Hall at: [**http://support.cs.iastate.edu/facilities/Pearson\_lab\_map\_revised.jpg**](http://support.cs.iastate.edu/facilities/Pearson_lab_map_revised.jpg)

## Student Collaboration Space – Pearson 0102

Hardware: 1 computer running Windows 7 with available software

Open collaboration area for group projects.

Keys are in Pearson SSG Office

## Pearson 0105

Hardware: 20 PCs Intel i7 (Quad Core 2.8GHz) with 4GB RAM, 24” monitors, running Windows 7

Software: All major apps, MS-Office, other assorted utilities.

## Pearson 0108

Hardware: 20 PCs (Quad Core 2.66GHz) with 4GB RAM, 24” monitors, running Windows 7

Software: All major apps, MS-Office, other assorted utilities.

## Pearson 0109

Hardware: 20 PCs (Core2 3.16GHz) with 4GB RAM, 24” monitors, running Windows 7

Software: All major apps, MS-Office, other assorted utilities

## Pearson 0113

Hardware: 19 iMac (Core2 2.93GHz) with 8GB RAM, 24” monitors, running Mac OS X 10.5.x and Windows Vista (Dual Boot)

## Pearson 0141

Hardware: 24 PCs (Core2 2.6GHz) with 4GB RAM, 24” monitors, running Windows 7

Software: All major apps, MS-Office, other assorted utilities.

## Group Study Room – Pearson 0158

Hardware: 10 PCs (P4 3.8GHz) with 4GB RAM, 21” monitors, running Red Hat Enterprise Linux.

60” LCD Display with VGA, HDMI, component connectors (for group projects).

Conference table

Software: All major Linux apps, including OpenOffice, Firefox, and other assorted utilities.

## Lab Hours

Monday-Friday 24/7

Saturday 8am-12am

Sunday 12pm-12am

Building doors may have different time frames, you will need to be granted access if you plan on visiting the labs after building hours. Lab hours are variable during school breaks, but will always be posted on the support website (**http://support.cs.iastate.edu/**)

## Building Access

Computer Science and Software Engineering Majors have the opportunity to access the Pearson Labs outside of regular hours using their ISU ID card. Please request building access from 0125 Pearson Hall.

Graduate students who need to access the research labs in Atanasoff Hall can request building access through their academic advisors.

# Accounts

## Account Creation

Most accounts are pre-initialized based on data we get from Beardshear Hall. Hence, a formal request is not needed, just activation. Since this data may lag behind real world need, many times students that are late additions to classes will need to use the online form to request an account. This form is located at [**http://support.cs.iastate.edu/account.php**](http://support.cs.iastate.edu/account.php)

**Note:** The ISU-CS system has absolutely nothing to do with the Campus-wide NetID system. We do not share user databases with them or file systems.

## Account Activation

You will go to [**http://register.cs.iastate.edu**](http://register.cs.iastate.edu)**/** to activate your account. Once you have filled out the form, your account is generally activated within 30 minutes. When a user activates his/her account using [**http://register.cs.iastate.edu**](http://register.cs.iastate.edu)**/**, both Windows and Linux accounts are created with the same username and password.

## Change of Major (to COM S)

Those coming into CS should have CS Advising send an email to [**ssg@cs.iastate.edu**](mailto:ssg@cs.iastate.edu) to verify their status. Those leaving CS will have their accounts deactivated **immediately** if they are NOT currently taking a CS course requiring system access. Those taking CS course(s) requiring access will have their account status changed and their account expunged at the end of current semester.

## Change of Major (from COM S)

Those changing their major from CS will **LOSE** their CS Account including all files and data in their home directory. If the user is currently taking a CS Course, then the account will expire at the beginning of the next semester.

## Alumni account

Those graduating from CS may have an alumni account by request to the SSG. The quota of disk space is limited. Please remember to download all files from servers before you request an alumni account.

# Connectivity

## Linux

When connecting to a Linux machine in the department, users are required to use an SSH client.

An SSH client can be obtained from a number of sources. One may use the ISU recommended client that can be obtained at [**http://ftp.sitelicensed.iastate.edu/**](http://ftp.sitelicensed.iastate.edu/).

Other ISU-licensed software packages may also be downloaded, including McAfee VirusScan, McAfee Antispyware, etc.

### Running Jobs/Code on a Linux Machine

Once connected to the pyrite cluster users may test their code on a number of machines. You can consult the chart at <http://support.cs.iastate.edu/where_to_run_my_code.htm> for a full listing.

Please **DO NOT** test code on pyrite.cs.iastate.edu.

## Windows

Point terminal server clients (tsclient on Linux, Remote Desktop on Windows or Mac) to pyrite.cs.iastate.edu and login with your CS Username/Password under the COMS domain.

Please **DO NOT** use csts.cs.iastate.edu as it is exclusively for COMS 103.

## FTP/FTPS

All users should point their ftp client to [ftp.cs.iastate.edu](ftp://ftp.cs.iastate.edu) and login with their CS Username/Password. This is the only machine accepting FTP connections.

## Map your CS drive

Folder: [\\firewall.cs.iastate.edu\<CS\_username](file:///\\firewall.cs.iastate.edu\%3cCS_username)>

User name: COMS\<CS\_username>

Password: <Your CS password>

## Personal Web Page

Put your homepage in ~/WWW.

## VPN

Iowa State University ITS provides VPN access as a way to access University systems when outside of the University’s network. To set up/log in to the VPN system, you can use your web browser to access <http://vpn.iastate.edu>. This site will set up the VPN connection on your computer.

# Mailing Lists

## cs\_ugrads@iastate.edu

Send mail to [cs\_ugrads-join@iastate.edu](mailto:cs_ugrads-join@iastate.edu). Or send mail to the CS Undergraduate advisor.

## cs\_grads@iastate.edu

Send mail to cs\_grads-join@iastate.edu.

## cs\_se\_list@iastate.edu

Send mail to cs\_se\_list-join@iastate.edu.

## cs\_jobs\_ugrads@iastate.edu

Send mail to cs\_jobs\_ugrads-join@iastate.edu.

## cs\_jobs\_grads@iastate.edu

Send mail to cs\_jobs\_grads-join@iastate.edu.

# Other Resources

## Disk quota

CS Graduate students receive 1G of disk space.

CS Undergraduate students receive 500M of disk space.

Non-majors receive 300M of disk space.

**Note:** Additional space must be requested via faculty.

### When a student runs out of disk quota

Have your Professor/Instructor make a short term request on your behalf directly to [**ssg@cs.iastate.edu**](mailto:ssg@cs.iastate.edu). Remember, usually these requests are only good for one semester.

## Print quota

### Black and White

CS Graduate students receive 500 pages/month.

CS Undergraduate students receive 250 pages/month.

Non-majors receive 75 pages/month.

### Color

CS Graduate students receive 75 pages/month.

CS Undergraduate students receive 50 pages/month.

Non-majors receive 0 pages PER MONTH.

## Checking quota

### Disk quota

Log into **pyrite.cs.iastate.edu**. Use the command `quota` to check your disk quota.

### Printing quota

Use the command: `laser` (for b/w laser printer)

Use the command: `color-laser` (for color laser printer)

# SOFTWARE

## MSDNAA

http://support.cs.iastate.edu/help/doku.php?id=msdnaa:home

The MSDNAA machine, a.k.a. **burnboy.cs.iastate.edu**, is located in 0112 Pearson. Registered Computer Science students may burn Microsoft software for academic use while they remain a student in good standing at Iowa State University. You can also log into this site from home to download and burn software.

## ISU

### Site Licensed Software

[**http://www.it.iastate.edu/downloads/**](http://www.it.iastate.edu/downloads/)

ISU Site Licensed software contains McAfee Virus Scanner and a few other programs you may be interested in during your University career.

### ISU Book Store (Not free)

[**http://www.isubookstore.com/SiteText.aspx?id=2925**](http://www.isubookstore.com/SiteText.aspx?id=2925)

Most students only use this for Microsoft Office or Apple Macintosh software.

Check [**http://support.cs.iastate.edu**](http://support.cs.iastate.edu)**/** for more information.