

**DEOHS**



# Lab PC Replacement (#24)

Department of Environmental and Occupational Health Sciences (DEOHS)

February 22, 2016

# Replace lab computers and monitors

- Replace 14 PCs and monitors
- For a total cost of \$19,950
- In two graduate student computer labs
- Used by 80 graduate students in each year
- For daily academic and research work



Dell Optiplex 9020 and 23" monitor

# 160 students to benefit over 5 years

- We currently have 80 graduate students in our department.
- We have about 20 new students each year.
- So, over the five-year expected life of these PCs ...
- We expect 160 students to use and benefit from these PCs.



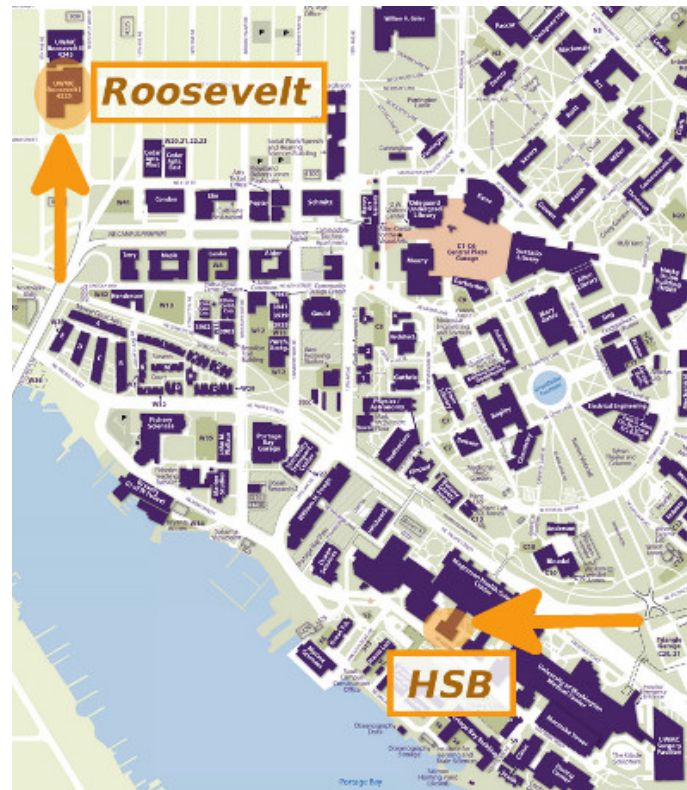
# Specialized software – ideal workspace

These are the main reasons why the students value the computer labs:

- Productive, efficient, and collaborative workspace
- Less interference (noise, distractions) than in library
- More complete office (bigger screen, better PC, printing)
- Special software (Oracle Crystal Ball, Graphpad Prism)
- Only workspace (before adviser has been selected)
- Internet connection is fast and reliable
- Close proximity to department spaces.

These benefits were summarized from feedback provided through a *recent survey*.

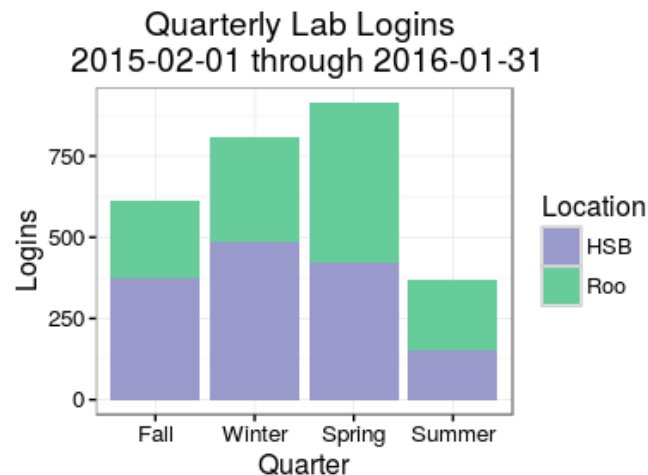
# Located near department spaces



DEOHS computer labs are near department spaces.

# Use increases throughout school year

For our lab PCs, we average about one login per day, per PC, during the academic year (Fall, Winter, and Spring).



Quarter	Logins
Fall	612
Winter	811
Spring	915
Summer	369

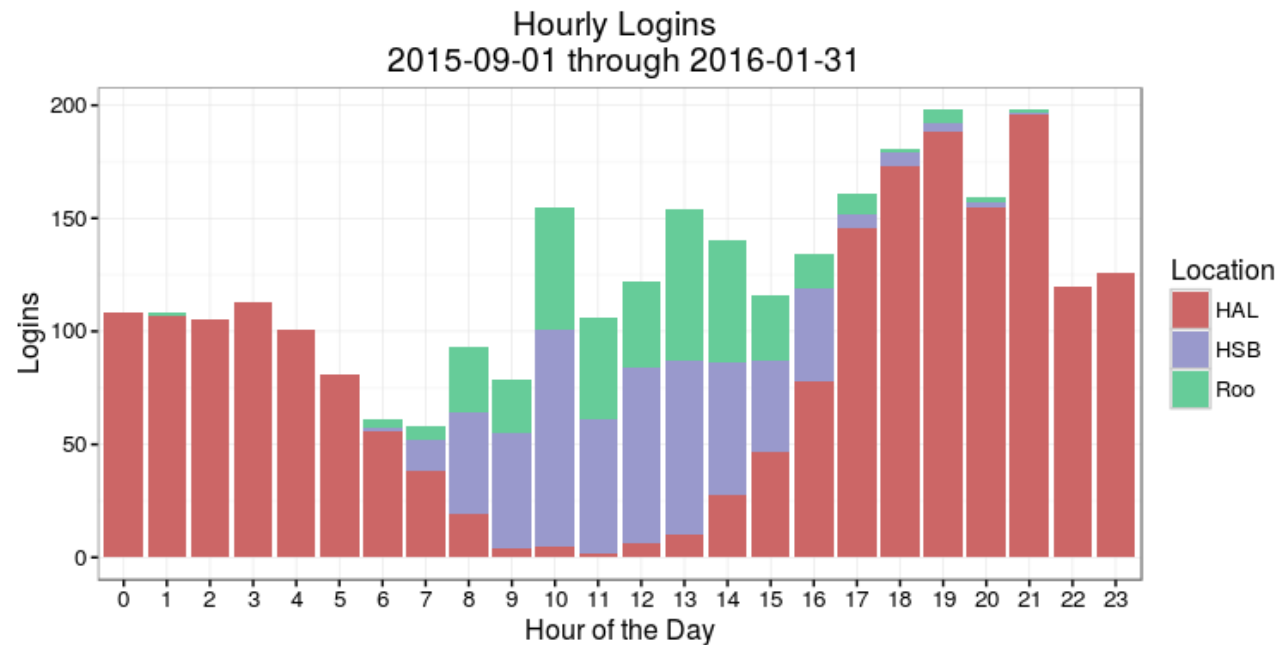
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The mean quarterly login count is 677.

Usage increases throughout the academic year as students become more dependent upon the computer labs for their work.

# Students prefer lab when on campus

Lab use greatly exceeds server use during the morning and early afternoon.



This plot shows that students prefer to use the labs while they are on campus.