DEOHS

Lab PC Replacement (#24)

Department of Environmental and Occupational Health Sciences (DEOHS)

February 22, 2016

Proposal Summary

- 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

How many students benefit?

We currently have 80 graduate students in our department. We have X new students each year. So, over the five-year expected life of these PCs, we expect Y students to use and benefit from these PCs.
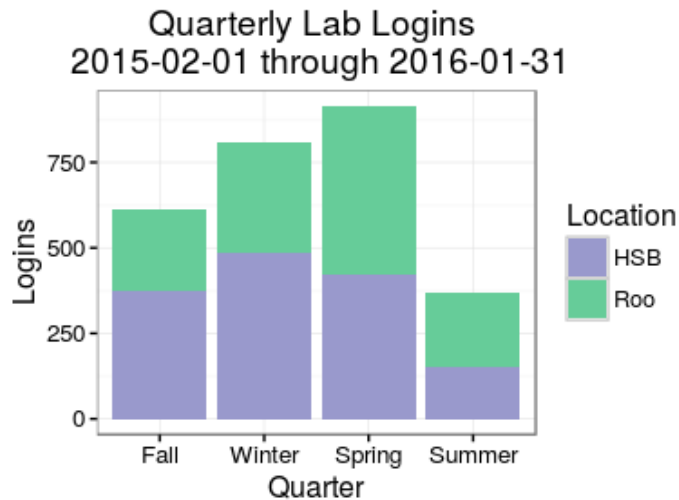
How do students benefit?

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

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

Quarterly Lab Logins

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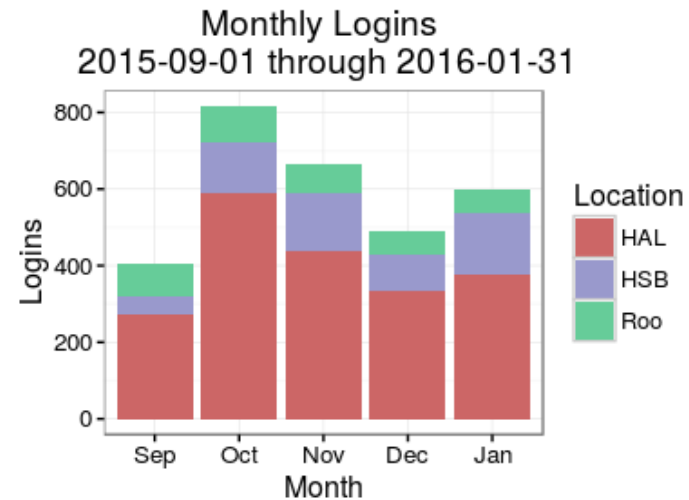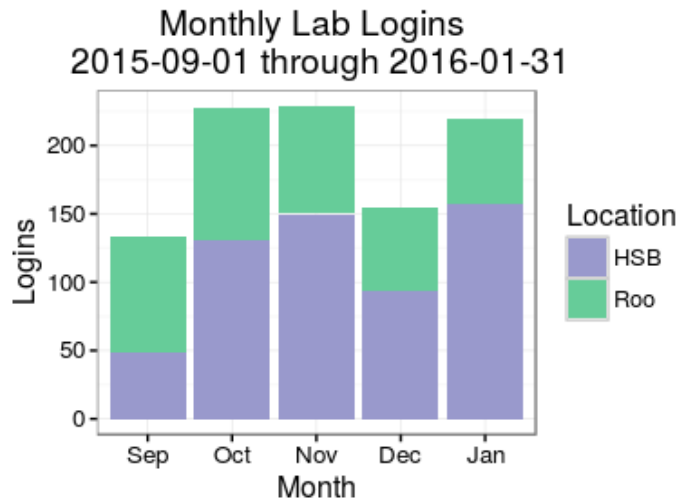

Quarter	Logins
Fall	612
Winter	811
Spring	915
Summer	369

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.

Lab Logins, Compared with Server

We see a greater number of total logins on the student server (HAL). However, both the server and the computer lab follow the same usage trends.

Students rely upon both the server and the lab workstations to study and get their work done.