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
- Total cost: $19,950
- Two student computer labs
- Used by 80 students in each year
- Academic and research work
- Equipment purchased in 2010
- Memory upgraded in 2013

200 students to benefit over 5 years

- We currently have 80 graduate students in our department.
- Plus, we gain about 30 new students each year.
- So, over the five-year expected life of these PCs …
- We expect 200 students to use and benefit from these PCs.
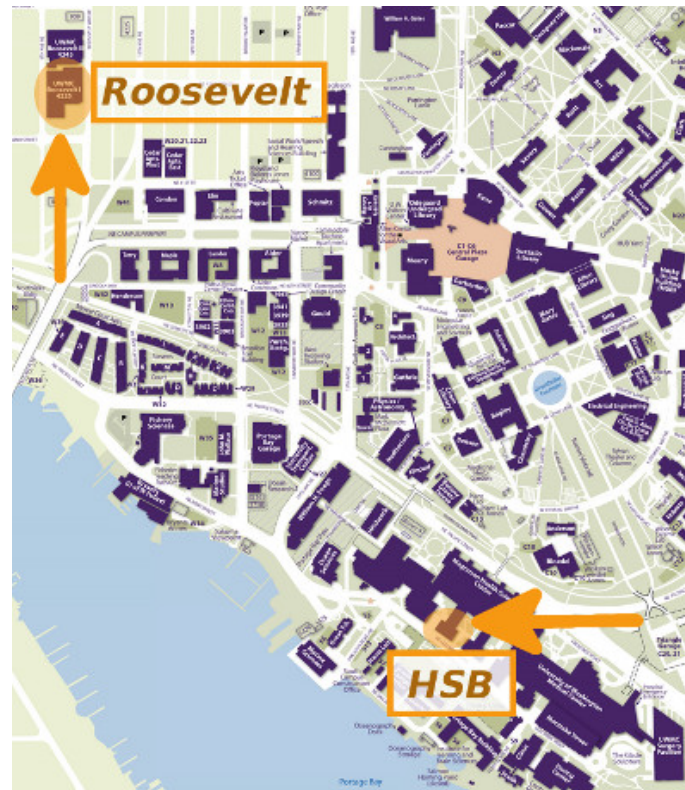
Specialized software – ideal workspace

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)
- Specialized software (Oracle Crystal Ball, Graphpad Prism)
- Only workspace (before adviser has been selected)
- Internet connection is fast and reliable
- Close proximity to department spaces

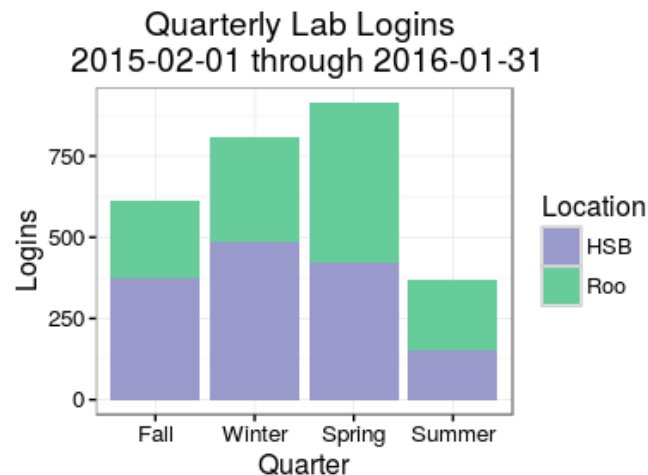These benefits were summarized from feedback provided through

- a *recent survey* with 40 responses
- over 40 student and faculty *endorsements*.

Located 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).

Quarterly Lab Logins
2015-02-01 through 2016-01-31

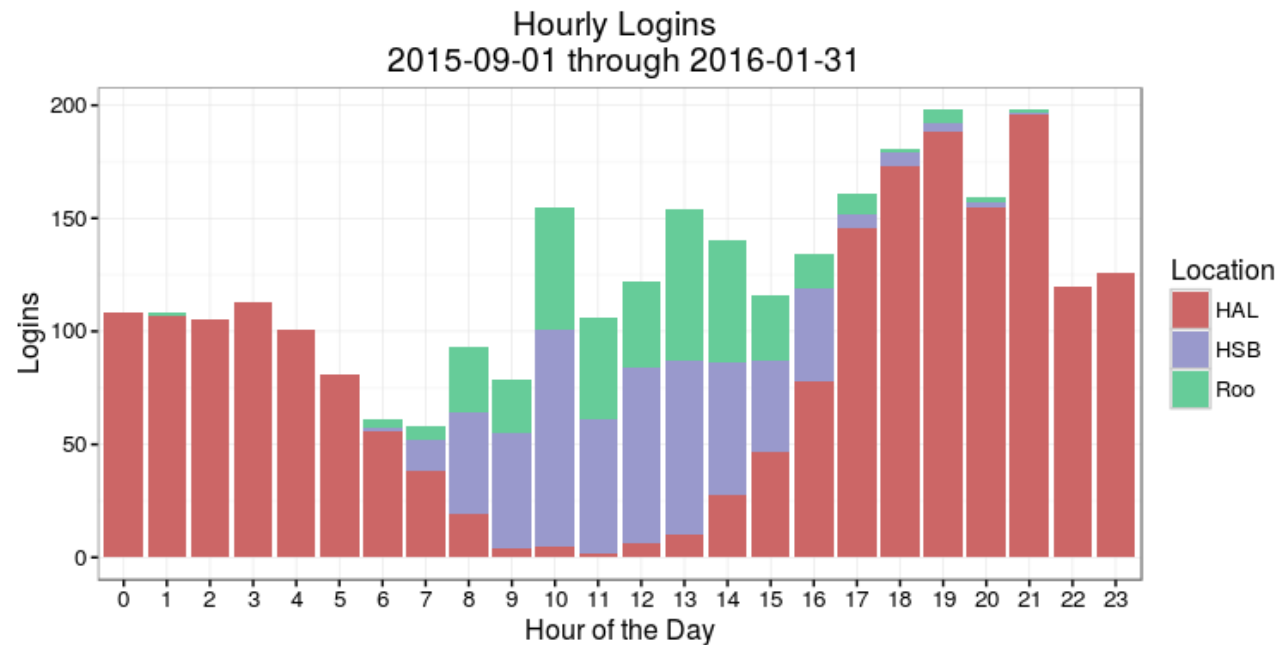| Quarter	Logins
Fall	612
Winter	811
Spring	915
Summer	369

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.

Students prefer lab when on campus

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

Hourly Logins
2015-09-01 through 2016-01-31

Students prefer lab PCs over the server for performance and ease-of-use.

Funding this proposal will help …

- Replace 14 lab computers and monitors
- Benefit 200 students
- Support a valuable student computing environment