Santa Clara University

Third Full-Time DC Position

Over the past 5 years, the Design Center has expanded significantly, as has the Design Center staff's zone of responsibility. A large portion of this expansion involves Windows systems, relative newcomers to the Design Center. To address this, we propose to shrink the student administrator pool significantly in order to allow for the hiring of a full-time Windows Administrator. This reallocation of resources allows us to create a new position with no increase to the DC budget. The new position would be responsible for maintaining, securing, and upgrading the Windows systems for which the Design Center is responsible, and would report to Lantz Johnson, current UNIX administrator and Design Center Manager. We hope to have the new position approved soon, filled before the end of summer and up to speed by the beginning of the 04-05 school year.

Summer Lab Usage

This summer, the Design Center will play host some guests. During this time, some of the lab resources will not be available. Please keep this in mind when making your usage plans for the summer.

ID Tech Camps

This program provides technology training for students ages 7 - 17. Camp coordinator Natalia Marcadal is working with Dr. Ruth Davis on this project. More info about the group can be found at http://www.internaldrive.com. **From June 28th to July 30th, this group will be using labs 605 and 608A from 7:00AM to 7:00PM, Monday through Friday.**

Microsoft Development Workshop

Microsoft will be holding a 4-day professional development workshop for high school faculty on Visual Studio .NET. Dr. Dan Lewis is coordinating this workshop. **From August 15th to 18th, this group will be using lab 618 from 8:00AM to 5:00PM.**

The end of HP-UX?

Due to several factors, ranging from decreasing vendor support to increasing hardware costs, we are seriously considering phasing out HP-UX in the Design Center by the start of the Fall 2004 quarter. If you have any input you would like to share on this matter, please let us know by May 1st. It is imperative that you inform us of any concerns by that time, so we may have adequate time to plan and implement this change.

Summer Upgrades

We are planning several significant upgrades this summer, including:

New PCs for 618

The lab in 618 achieved its current state in the summer of 2000. While the monitors are still going strong, it has become clear that the machines themselves are now rather underpowered. To remedy this, we will be replacing all the computers in 618 with HP systems similar to those in 605 and 608A.

608B: HP-UX to Solaris

As previously mentioned, we are planning to phase out the HP-UX presence in the Design Center. To that end, we will be replacing the HP-UX workstations in 608B with new Sun Blades through Sun's 50% discount promotion. (Any faculty seeking new Sun hardware should contact us for details on this promotion)

Projector for 605

Thanks to a generous grant from the Moore Foundation, we will be outfitting 605 with a projection system similar to the one installed in 618. Unlike the system in 618, it will be able to display the same resolution as the systems in 605 (1280x1024) and will be usable without dimming the room. With it will be installed a sound system as well as a control panel, similar to those in 618.

Server Room Upgrades

The Design Center server room will be upgraded this summer to add several new capabilities. The current two-post racks will be replaced with free-standing rack enclosures. This will improve airflow, allow for easier access to systems for maintenance, and improve space utilization. We will also be adding some new equipment that will improve our ability to deal with system failures remotely, giving us quicker response time in dealing with unplanned downtime.

Network Upgrades

This summer, IT is planning on upgrading the Engineering network. The exact details are still being worked out. However, part of the upgrade will be a migration to Extreme Networks equipment away from 3Com. This comes on the heels of a campus-wide decision to move to Extreme Networks, as 3Com is transitioning out of the enterprise networking market.

Santa Clara University

Summer/Fall Quarter Requirements

The Design Center is already gearing up for the Summer and Fall Quarters. To that end, we are gathering information from faculty about what computing resources you will need to support your summer and fall classes. Please let us know your plans as soon as possible so we can best serve you.

Design Center Logo Contest

Have you ever noticed that the Design Center doesn't have a logo? Well we don't, and we've decided to remedy the situation by holding a logo design contest. Between now and the end of the 03-04 school year, we will be accepting submissions for a logo. This logo will adorn the main entrance to the Design Center, as well as be used on all Design Center documents. (This newsletter, for example)

So why should you care? It's true that the best entry will receive much exposure as our logo, but that's not all. We will choose three top entrants to receive fabulous prizes. No, not mouse pads or extra disk space. The breakdown is:

$ 1st place - **$250**
2nd place - **$100**
3rd place - **$50** $

What are we looking for? We're not entirely sure, that's why we're asking you. As geeks, we're drawn to things sleek and sci-fi, but are not opposed to totally new ideas. The logo should be uncluttered, communicate something about the technical nature of the Design Center, and, frankly, look cool.

The contest is open to all Santa Clara University students, faculty, and staff. Submissions must be made in a vector graphics format (Adobe Illustrator, CorelDRAW, SVG, etc) so the logo may be resized arbitrarily without loss of quality. Compress and submit entries to support@engr.scu.edu. You may submit as many entries as you like. Entries will be judged by the Design Center staff and the Engineering Computer Support Committee, who will pick the three best entries.

Obviously, your work must be your own, and must not infringe upon the copyrights of anyone else. All submissions remain the property of their creators. By submitting an entry, you grant Santa Clara University a royalty-free license in perpetuity to use the entry in any manner seen fit by the authorized agents of the University.

```
$ fortune
```

A large number of installed systems work by fiat. That is, they work by being declared to work.

-- Anatol Holt

IPv6

The Design Center is considering the possibility of providing IPv6 connectivity, via a tunnel broker, to those in Engineering who may be interested. Providing such connectivity would allow us to begin preparing for the inevitable IPv6 changeover. However, we wish to gauge interest in the project before planning an implementation. If you are now using or are interested in using IPv6 connectivity inside of Engineering, for any reason,, please let us know.

New Partitions in 608

After a few delays, we have received and installed the new partitions in 608. They replace the old partitions that were at least 5 years old and definitely showing their age. The new partitions give a much more professional look to the Design Center, as well as a larger "feeling" to the space thanks to their glass panels.