



# Student Technology Fee Committee (STFC) Annual Allocation Request

### ALLOCATION REQUEST DATE INFORMATION

Date Created: 2020-02-28 13:17:11      Date Due: 2020-02-28 17:00:00      Date Submitted: 2020-02-28 13:44:41

### ALLOCATION REQUEST TITLE/DESCRIPTION

Request Title: Replace Desktop Computers - Library/TLC

Request Description: A request to fund the replacement of 20 older Core i3 computers currently in service in the Library and TLC

### ALLOCATION REQUEST INFORMATION

Department Name: Library      Request Code: 20A0253

Contact Names: Timothy Bostelle      UW Tacoma Affiliation: Staff

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Title of Request: Replace Desktop Computers - Library/TLC      Type of Request: One Time

Department Head Approval:       Department Head: Justin Wadland

## Annual Request Information

**1. Background:** Review and discuss the context of the proposed technology in detail. Explain how this proposal will be used in conjunction with an original proposal or existing technology. If applicable, how is the current technology disabled or inadequate?

Many years ago now, the Library asked the STFC to fund a group of 6 "GIS" (Geographic Information System) computers. These systems were (at the time) among the better computers on campus and students loved using them for both GIS and other school work.

However, over the summer (2019) we started getting reports that those GIS computers were hanging (freezing/crashing) and that they took too long to load GIS. In December we asked the STFC to replace those computers but our funding request was denied.

After receiving more reports of crashing systems and student complaints about login times we timed the login on these computers; they take anywhere from three to ten minutes to login. On further investigation it turned out those systems were part of a group of twenty, 5 year old computers which are running Core i3 processors and which were designed to run on Windows 7.

However, due to high demand we could not just take the computers down. We have had to move some of these computers to less heavily used areas and place signs on these computers warning students that they are slow and that they may crash while the student is using the computer. The lack of usable computers significantly impacts our students' ability to get their academic work done, and needlessly adds frustration and worry in the learning environment.

For the above stated reasons, we are asking for funding for two different sets of computers. We have a total of 20 computers that we need to replace in the library and I have split them here into two groups.

First, we are asking the STFC to fund 10 GIS specialty systems. This computer type was identified by Gregory Lund (the faculty member who runs the GIS lab) as the standard systems that he recommends for the GIS labs. These are the Dell Precision 3630 systems.

Second, we are asking for 10 of the campus standard desktop systems. These are the Dell Optiplex 3070 SFF systems.

Funding these two proposals would fully replace the 5 year old Core i3 computers.

In addition, we are asking for 26 monitors. This was not in the original December request, as we only later discovered that many of these older computers are using RGB monitors. These are so old that they do not have HDMI connectors -- which students require to utilize higher refresh rates and better resolutions which reduce eyestrain and make graphics rendering much smoother -- and those need to be replaced. We also have a number of these computers which are just single monitor desktops and we would like to make them dual monitor stations.

**2. Benefit to Students:** Discuss how students have benefited from the original proposal, if applicable. How will additional funding of the technology benefit students? If this was an unforeseen technology need, discuss how students will benefit from this new proposal and why the need cannot wait for annual allocation funding.

In 2019, the UW Tacoma Library and the Teaching and Learning Center computers received over 27,000 logins. This is one of the most heavily used labs on campus and we have many students who report that they prefer to work on computers in the TLC and the Library.

One student named Craig who uses the computers all the time said: "I use the computers in the TLC because it is the most convenient spot for me and I like that they have the dual screens. I use the computers for GIS mainly. Please update the computers."

These computers are not solely used for GIS; some students like working where the TLC staff are available to help. Another student named Analeshea told us: "I like to work on these computers because of the availability in the number of computers and the help that is offered in the library/TLC. Also, the double-screens are nice for the assignments I do. I usually use these computers for writing papers, doing research, and anything else related. Working on an assignment with the uncertainty of your computer freezing or continuing to work, in the middle of your school work is unfortunate. I have lost work due to this inconsistency. With the understanding that the computers are used by many students, something more reliable and faster would be awesome to do school work on."

Giving students access to faster computers will help with GIS and with other data-intensive software programs that students use in the TLC and Library.

**3. Access:** Describe who will be using or will have access to the resources being proposed. If the access has changed since an original proposal, be sure to note that here. In addition, all previous requestors, please provide historic data highlighting the usage and accessibility of technology. All new requestors, please provide user need data.

The computers and monitors are meant for UW Tacoma student use only. As stated above, computers in the Library and TLC received 27,000 logins last year. The particular set of computers we are asking to be replaced average 55 logins per month, with users often sitting for 3 hours per day. This makes them the 4th most heavily used group of computers in the Snoqualmie Building (TLC and Library area).

**4. Timeline:** Provide a timeline showing how the proposed technology can be completed during the requested period. Describe when you would like to see this proposal initiated and completed, and why.

The library will purchase and install the computers as soon as funds are made available.

**5. Resources/Budget:** Discuss available financial, personnel and space resources devoted to the proposed technology and level of support. Proposal must detail all the items/resources requested to be purchased. This includes filling out the Item Detail in next section.

The Library pays for student employees to cover the service desks to check out equipment, and for student employees to help service this equipment. In addition, the library pays for one full-time head of Library IT who oversees the IT department and a Head of Access Services who hires and trains a huge cadre of student employees.

In addition to staffing, the Library IT department is always on the lookout for free and used equipment that will help students study. We recently obtained a batch of 10 iMacs from Seattle IT and have worked on developing an imaging system which allows us to deploy those devices on the floor so that students have both more computers that they can use and also a choice of operating systems to use.

We are asking the STFC to purchase 10 Dell Precision 3630 systems, 10 Optiplex 3070 SFF systems, and 26 monitors. If you add these 26 monitors we will have enough HDMI monitors to ensure that every computer has a dual monitor.

### Funding Request Items

Item	QTY	Cost Per Item	Shipping Fee	Tax Per Item	Subtotal
Dell Precision 3630	10	\$1,154.29	\$0.00	\$118.89	\$12,731.80
Optiplex 3070 SFF MLK	10	\$723.04	\$0.00	\$74.47	\$7,975.10
Dell 22 Monitor - P2219H	26	\$149.99	\$0.00	\$15.45	\$4,301.44
OVERALL TOTAL:					\$25,008.34