



## Student Technology Fee Committee (STFC) Annual Allocation Request

### ALLOCATION REQUEST DATE INFORMATION

Date Created: 2020-02-27 09:16:17

Date Due: 2020-02-28 17:00:00

Date Submitted: 2020-02-28 10:58:11

### ALLOCATION REQUEST TITLE/DESCRIPTION

Request Title: 2020 – GID Lab Equipment

Request Description: Purchase equipment and software for campus use of growing Global Innovation and Design Lab

### ALLOCATION REQUEST INFORMATION

Department Name: Institute for Global Engagement

Request Code: 20A0225

Contact Names: Krissy Kimura

UW Tacoma Affiliation: Staff

UWT Email Address: krissyk@uw.edu

Phone Number: 253-692-4590

Title of Request: 2020 – GID Lab Equipment

Type of Request: One Time

Department Head Approval:  Department Head: Divya McMillin

## 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?

The Global Innovation and Design (GID) Lab was created in Fall 2018 at UW Tacoma as a foundational program to seed innovation through design thinking, across all UWT schools and units. The purpose of the Lab is to increase access to creative problem solving methodologies and provide the tools and community connections for students to gain a competitive edge in the workforce.

Through community projects students are able to work in interdisciplinary teams alongside professionals and potential employers on exciting real world applications. Currently, the GID Lab is hosted on the ground floor of the TPS building, room 016. It was launched through a modest private grant, which currently supports its materials and staffing needs. Since its inception, the GID Lab has attracted a wide-range of interest and visitation by academic classes (specifically from the School of Interdisciplinary Arts and Sciences, the School of Engineering and Technology, the School of Social Work and Criminal Justice, the School of Nursing Healthcare Leadership, and the Milgard School of Business), external groups such as (United Way of Pierce County, Candyteeth Creative, Downtown on the Go), and student groups such as (UXDA Club, Mathematics Club). A Minor in Innovation and Design has recently been created and will begin sending classes through the GID, beginning in the 2020-21 academic year. In brief, the Lab is in high use by students, with the numbers expected to grow significantly as the Lab gains visibility.

The immediate success of the Lab has identified a huge gap in funding for resources critical to student participation. To support student engagement in high impact community projects, enhance their professional development and career connections, and grow their skills in problem solving and critical thinking, the GID Lab is asking for hardware and software. This request will strengthen its mission to campus innovation and access. Requested items include laptops for team and individual collaboration and displaying, Adobe Creative Cloud, a cart for laptop storage and charging, and subscriptions to prototyping and reporting tools.

Learn more about the Global Innovation and Design Lab at:

<https://depts.washington.edu/globalid/>

<https://twitter.com/GlobalIDT>

**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.**

Currently no technology exists in the Lab for student participation in design projects. For example, student work on recently concluded workshops for United Way, Pacific Lutheran University, Zenith West and the upcoming Titus Will, would have been significantly enhanced with laptops to create worksheets, collaborate on affinity maps, and conduct Black Hat analyses, as well as create ice breakers and instructional slides.

Students participating in design thinking workshops had at their disposal the low-tech ideating and prototyping tools (e.g., sharpies, Post-Its, pipe cleaners, moldable clay, etc.) but would have benefited from collaborative software to create even more realistic prototypes such as webpages and apps. Students have benefitted immensely as they have participated in hands-on, experiential learning opportunities where they have actively prepared for and participated in community design thinking projects. Work so far has included creating empathy maps, personas, affinity maps, collating background research, data entry, and content analysis. Basic technology supports would enhance this experience considerably, especially as we are working in highly mediated environments.

In conducting a needs assessment with students, there was a high desire to learn and use prototyping software (e.g., Sketch, Adobe Creative Cloud, Marvel) because many potential employers require this type of experience (as detailed in the UXPin enterprise UX industry report: <https://www.uxpin.com/enterprise-ux-design-2017-2018-industry-report>). Prototyping helps designers bring their ideas to life at a very low cost and helps engage community partners by producing a proof of concept. In addition, prototyping helps develop many soft skills employers want from potential employees, including collaboration, communication, ability to iterate, and willingness to learn.

**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.**

Students will be the primary users of all the technology requested here. A Program Administrator will supervise and coordinate use of the items. Currently, students are in the Lab conducting various activities and exercises to support our community projects. This includes:

- Affinity mapping: a way to brainstorm new ideas or reorganize old ideas for new perspectives.
- Persona/empathy map creation: are fictional representations, derived from facts and research, that serve to be the face of a target audience.
- Black Hat reviews: a design critique framework that puts the team in a state of mind that enables candid and productive feedback
- What's on Your Radar? Exercise: an exercise in which people plot items according to personal significance, which helps show how people prioritize things and challenges preconceptions
- Feedback and input sessions
- Preparing presentations and reports
- Data entry
- Design thinking workshop facilitation and participation

To see photos of some of these activities in action, please visit our Twitter account: <https://twitter.com/GlobalIDT>

**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.**

If funding is provided, equipment can be ordered, received, tested, inventoried and deployed in a few weeks. Full equipment deployment take place over summer and be available in Fall Quarter.

**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 GID Lab has received some private funding during its inaugural year. During this pilot phase, student involvement was at a modest level and included up to three Global Innovation and Design Awardees. Other student use of the Lab entailed access to no tech or low-tech prototyping materials and supplies for free. The requested STFC support will allow the Lab to include more students in the design thinking/creative problem solving process. It is staffed throughout the week by Program Administrator, Krissy Kimura. She provides onsite support and training of equipment. Information Services also provides multiple services of support – software, computers, network, phones and multimedia.

Student Endorsers:

Christopher Sim (psim97@uw.edu)

Lan Allison (lan05@uw.edu)

Abdul Abubakar (abubaa@uw.edu)

## Funding Request Items

Item	QTY	Cost Per Item	Shipping Fee	Tax Per Item	Subtotal
Dell Latitude 3390	6	\$1,300.00	\$20.00	\$132.60	\$8,615.60
Adobe Creative Cloud	6	\$270.00	\$0.00	\$27.54	\$1,785.24
Canva Pro Yearly (prototyping tool)	1	\$120.00	\$0.00	\$12.24	\$132.24
Marvel - Team (prototyping tool)	1	\$504.00	\$0.00	\$51.41	\$555.41
Sketch (prototyping tool)	6	\$99.00	\$0.00	\$10.10	\$654.60
Datamation Laptop Cart	1	\$1,149.00	\$0.00	\$117.20	\$1,266.20
OVERALL TOTAL:					\$13,009.29