



# UNIVERSITY of WASHINGTON

## Student Technology Fee Committee

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### CARTAH Lab Enhancement and Refresh

Proposal 2002-392-1

ID Permanent <http://techfee.washington.edu/proposals/view/2002-392-1/>

Link Department CARTAH

Non- By Appointment

core First No

Access Application? Student No  
Initiated?

#### Abstract

This proposal has two main goals. The first is to replace current aging computers in CARTAH's labs. This will be CARTAH's first lab wide system refresh. The second is to enhance our digital video program. CARTAH has begun to work with the Cinema Studies program at the UW to help provide students with the tools and practical expertise to develop independent video projects. The additional equipment will enable us to aid more students from this program, as well as from the general student population.

#### Background

CARTAH serves students, staff, and faculty of the University of Washington. Our mission is to provide the University of Washington community with advanced technical resources for work in the arts and humanities. CARTAH is open to all students of the University of Washington, with preference given to students in the arts and humanities. CARTAH is a project based lab. Students come to us with research ideas that require equipment and expertise that is otherwise often only found in restricted labs, if at all. CARTAH provides help and expertise in formulating and completing complex student based video, audio, print publishing, and web based projects. Virtually all student proposals are accepted.

In addition, CARTAH has begun to work with the Cinema Studies program to help provide access to video production and post-production equipment, as well as practical expertise for students interested in doing independent video work and as part of their academic studies. The additional equipment would allow us to substantially expand our video services to these students, as well as the general student body.

#### Benefits

Over the past several years CARTAH has enjoyed unprecedented growth. Much of this growth has been made possible by the generous contributions from the Student Technology Fee. The first part of this proposal is intended to replace existing PC and Macintosh workstations. We intend to replace 12 Macintoshes and 12 Windows and Linux based PCs. The replaced machines range from 300MHz G3 to 500MHz G4 Macintoshes and 200MHz Pentium to 800MHz PII PCs. These workstations are used for digital imaging, desktop publishing, digital audio and computer music, and web development. Because of the demanding nature of the work done at CARTAH, these machines are reaching the end of their useful lifespan. The replaced computers would be distributed as per the agreement made between the School of Arts and Sciences and the Student Technology Fee committee. This will be CARTAH's first complete lab refresh.

The second part of the proposal is intended to expand our already extensive video production facilities. Demand for video production has consistently outstripped supply. Also,

CARTAH has begun to work with the Cinema Studies program to help provide students in that program the tools to develop independent video projects. This equipment will help us open our video production lab to these students. We hope to add three new video workstations, complete with video software one video VCR (Estack<sup>1</sup>), as well as update our existing video production software to the latest versions.

## Student Access

Access to CARTAH is available to all students, faculty and staff of the University of Washington who submit a structured research proposal. This can be done simply from CARTAH's web site. Students are offered help in constructing cogent research proposals, and virtually all student research proposals are accepted. CARTAH is open from 8:30 to 4:30 every weekday.

## Available Resources

CARTAH consists of two working labs in two buildings, suites 9 and 35 Thomson Hall, and 12 Music Building. CARTAH provides three permanent technical support staff, a permanent office support person, four Graduate Student Assistants, and a number of workstudy students, all available to advise students and support the labs. These labs already have extensive video, graphics, audio, and animation facilities funded through industry grants, CARTAH and university funds, as well as previous STF grants. New equipment would be integrated into these labs, and would enhance an already successful program of independent student research. CARTAH also has an annual supplies budget of \$35,000 used to support these labs.

## Installation Timeline

CARTAH will purchase and install new equipment as soon as funds become available.

## Departmental Endorsement

Part of this proposal is intended to directly support students in the Cinema Studies program at the University of Washington. Professor Jennifer Bean (jmbean@u.washington.edu) has expressed her strong support for this proposal, and we look forward to working with students in that program.

## Student Endorsement

CARTAH has over 200 current ongoing student initiated projects, and over three quarters of all CARTAH projects are student initiated project. Below is a small sample of current student based CARTAH projects that would benefit from this proposal. The project descriptions are take directly from our website <http://www.washington.edu/cartah>.

Kendall C. Watt, Comparative History of Ideas (CHID)

Contact ttawck@u.washington.edu

What About Berlin?

This video will explore tourism in a specific urban context. It will attempt to portray Berlin as a city recently made available to the international public as a means of relaxation, amusement and education, via real-life images of the city. The video is the completion of a project for the CHID Fall 2001 Berlin program, and will be focused on one the main issues addressed during this program: urban space.

Susan Pearlman, Cinema Studies

Contact spearlma@hotmail.com

Doing Time

Doing Time is a documentarial representation of the second book of Dante's Comedy, Purgatorio. For this documentary, inmates of local prisons will be interviewed for their thoughts on doing time, love, their situation, their lives before and after incarceration, and other Purgatory related themes. This project is both an extension of Italian 480--a class on Dante's Comedy, and an independent study sponsored by Donna Yowell and Albert Sbragia.

Justin Gunnell, Art and Linguistics

Contact justindia@netscape.net

Web Design using Macromedia Flash and Dreamweaver

This project will allow me to attain facility in Macromedia

Dreamweaver and Flash in order to artistically design web pages, namely for the UW-World-Wide Sichuan University Collaboration's Biodiversity project. This webpage will contain

program information in both English and Chinese, animated themes using Flash 5, some additional advanced features, as well as an interface for participating students. Fontographer will be utilized in creating unique fonts in several languages including Chinese and English.

Susumu Kamijo, Fine Arts  
Contact sk777@u.washington.edu  
MFA project

This film is going to be stories of my paintings and drawing. Each story is 5-10 min long. I am going to film this project with my DV camera, and would like to use editing computer at CARTAH to make the film more artistic and smooth.

Lisa Darms, Fine Arts-Photography  
Contact lisadee@u.washington.edu  
MFA Digital work

I am a graduate student in photography using digital technologies to investigate how art is changed by the absence of the artist's hand. My digital work currently references the crafts of tiling and weaving. It is also an investigation into grafting and genetic engineering, or the weaving together of disparate creatures.

David S. Levitt,  
Contact figment@u.washington.edu  
Lander Student Gallery Catalog

I have been working to make the display case in the Lander lobby open for students to post their art work. The first installment of this gallery is already on display. The artwork will be rotated on a weekly or bimonthly basis, depending on how many requests are submitted. I would like to make a record of what works have been displayed by taking digital photographs of the display cases, and then showcasing these photographs on my student website for a wider audience.

## Items

Below are the items making up the current proposal. The asterisk (\*) beside items signify that they were approved by the committee. This however was not implemented correctly for our database before 2005, so earlier years may not show this.

Click an item's title to view details on that item, or [show all item details](#).

Title	Type	Price	Qty	Subtotal
* <a href="#">Macintosh G4 Dual 800MHz, 1GB RAM, 80GB</a>	macintosh	\$4,470.00	15	\$67,050.00
<b>Location:</b> Thomson Hall - Thomson 09, Thomson 35A, Music 12				
<b>Description:</b> Macintosh G4 Dual 800MHz, 1GB RAM, 80GB HD, 21" CRT Monitor				
<b>Justification:</b> These computers will replace current aging computers, as well as be used to expand our digital video studio.				
* <a href="#">Dell 2GHz P4 Workstations, 1GB RAM, 80GB</a>	windows-pc	\$3,940.00	12	\$47,280.00
<b>Location:</b> Thomson Hall - Thomson 09, Thomson 35A, Music 12				
<b>Description:</b> Dell 2GHz P4 Workstations, 1GB RAM, 80GB HD, 21" CRT Monitor				
<b>Justification:</b> These computers will be used to replace current aging workstations.				
* <a href="#">MOTU 24 Channel Digital Audio Interface</a>	audio/video-hardware	\$1,250.00	4	\$5,000.00

**Location:** Thomson Hall - Thomson 09, Thomson 35A, Music 12

**Description:** MOTU 24 Channel Digital Audio Interface

**Justification:** These will be used to replace existing soundcards that won't work with newer systems.

* Sony DSR-20 DVCam VCR Deck	audio/video-hardware	\$3,100.00	1	\$3,100.00
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**Location:** Thomson Hall - Thomson 09, Thomson 35A, Music 12

**Description:** Sony DSR-20 DVCam VCR Deck

**Justification:** This will be the primary video deck for the proposed video 'stack'

* Sony DSR-11 DVCam NTSC/PAL VCR Deck	audio/video-hardware	\$2,500.00	1	\$2,500.00
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**Location:** Thomson Hall - Thomson 09, Thomson 35A, Music 12

**Description:** Sony DSR-11 DVCam NTSC/PAL VCR Deck

**Justification:** This will be used for creating and reading PAL format DV tapes, as well as act as a second DV deck for the video 'stack'.

* Panasonic AG-1980 SVHS VCR Deck	audio/video-hardware	\$1,400.00	1	\$1,400.00
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**Location:** Thomson Hall - Thomson 09, Thomson 35A, Music 12

**Description:** Panasonic AG-1980 SVHS VCR Deck

**Justification:** This will be used as part the of the proposed video 'stack'

* Active 4x4 Video Switch + Cables	audio/video-hardware	\$700.00	1	\$700.00
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**Location:** Thomson Hall - Thomson 09, Thomson 35A, Music 12

**Description:** Active 4x4 Video Switch + Cables

**Justification:** This switch will be used to connect the video equipment, allowing students to dub from one format to another.

* Sony 13" Studio Monitor	audio/video-hardware	\$1,200.00	1	\$1,200.00
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**Location:** Thomson Hall - Thomson 09, Thomson 35A, Music 12

**Description:** Sony 13" Studio Monitor

**Justification:** This monitor is part of the video 'stack'. It is color corrected, with native 16:9 format, NTSC and PAL enabled, with underscan capability.

* <a href="#">Sony MDR-7506 Studio Headphones</a>	audio/video-hardware	\$100.00	4	\$400.00
<b>Location:</b> Thomson Hall - Thomson 09, Thomson 35A, Music 12				
<b>Description:</b> Sony MDR-7506 Studio Headphones				
<b>Justification:</b> These studio headphones will be used in the video room to reduce noise problems from concurrent projects.				
* <a href="#">Final Cut Pro 3.0 Upgrade</a>	audio/video-editing	\$200.00	6	\$1,200.00
<b>Location:</b> Thomson Hall - Thomson 09, Thomson 35A, Music 12				
<b>Description:</b> Final Cut Pro 3.0 Upgrade				
<b>Justification:</b> These will upgrade all current FCP licenses.				
* <a href="#">Final Cut Pro 3.0 Full Version</a>	audio/video-editing	\$300.00	2	\$600.00
<b>Location:</b> Thomson Hall - Thomson 09, Thomson 35A, Music 12				
<b>Description:</b> Final Cut Pro 3.0 Full Version				
<b>Justification:</b> These will be used for the new requested video workstations. Note, one workstation will use an upgraded current license.				
* <a href="#">AfterEffects 5.5 Upgrade</a>	audio/video-editing	\$110.00	4	\$440.00
<b>Location:</b> Thomson Hall - Thomson 09, Thomson 35A, Music 12				
<b>Description:</b> AfterEffects 5.5 Upgrade				
<b>Justification:</b> These will upgrade current licenses.				
* <a href="#">Adobe AfterEffects 5.5 Production Bundle</a>	audio/video-editing	\$600.00	1	\$600.00
<b>Location:</b> Thomson Hall - Thomson 09, Thomson 35A, Music 12				
<b>Description:</b> Adobe AfterEffects 5.5 Production Bundle Upgrade				
<b>Justification:</b> This will upgrade our current Production Bundle license. Production Bundle contains many specialized functions not found in the standard version.				
shipping	tax/shipping	\$11,671.00	1	\$11,671.00

**Location:** Thomson Hall - Thomson 09, Thomson 35A, Music 12

**Description:** shipping

**Justification:**

tax	tax/shipping	\$1,150.00	1	\$1,150.00
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**Location:** Thomson Hall - Thomson 09, Thomson 35A, Music 12

**Description:** tax

**Justification:**

* DV has replaced S-VHS as the most popular		\$0.00	1	\$0.00
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**Location:** Thomson Hall - Thomson 09, Thomson 35A, Music 12

**Description:** Panasonic AG-DV1000 DV Recorder

**Justification:** DV has replaced S-VHS as the most popular dubbing media. These decks will be used to do direct recording as well as dubbing

* We would like to change one of the G4 workstations		\$0.00	1	\$0.00
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**Location:** Thomson Hall - Thomson 09, Thomson 35A, Music 12

**Description:** Macintosh G4 PowerBook 1GHz 1GB RAM

**Justification:** We would like to change one of the G4 workstations to a G4 powerbook. Students have requested a portable that can be used for presentations, concerts, and on site video and audio editing.

* We want to get one less power-mac in order to replace it with the PowerBook		\$0.00	14	\$0.00
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**Location:** Thomson Hall - Thomson 09, Thomson 35A, Music 12

**Description:** Macintosh G4 Dual 800MHz, 1GB RAM, 80GB HD, 21" CRT Monitor

**Justification:** We want to get one less power-mac in order to replace it with the PowerBook

<b>Requested Total:</b>	\$144,291.00
<b>Approved Total:</b>	\$0.00
<b>Funding Status:</b>	Fully Funded

## Comments

 [Add Comment](#)

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No comments have been posted for this proposal yet.



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