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DXArts Performance, Film, and Art Installation Support Equipment

Proposal 2002-426-1

ID Permanent <http://techfee.washington.edu/proposals/view/2002-426-1/>

Link Department DXArts

Non- By Appointment

core First Yes

Access Application? Student No
Initiated?

Abstract

This is the first STF proposal from the new Center for Digital Arts and Experimental Media (DXArts), a new degree-granting program at the University of Washington. The goal of this proposal is to provide students involved in the new DXArts program with professional sound systems and video equipment to support performances, art installations, and digital film productions presented in small, medium, and large venues. DXArts is a direct extension of CARTAH, and equipment will also be available to the general student body as part of approved CARTAH projects.

Background

The Center for Digital Arts and Experimental Media is a new degree granting program at the University of Washington, and will offer bachelor, masters, and doctorate degrees. DXArts is a direct outgrowth from the work done at CARTAH, and provides classes in digital and experimental arts, as well as support for independent projects. It is a unique program that offers path-breaking collaborations across many disciplines. Students working with digital technologies are redefining art, music, theater, film, and architecture, dissolving the boundaries between these traditional forms. This program will bring together artists, engineers, designers, and scientists to collaborate and exchange roles to create digitally realized images, sounds, performances, and installations that were previously unimaginable. This proposal was created in concert with CARTAH, and this equipment will also be available to the general student body via CARTAH project applications.

Benefits

This proposal is intended to give students in the DXArts program access to the sophisticated audio and video production and presentation equipment necessary to create and display digital and experimental art works, as well as the tools to create and document such work. This equipment will form the core of DXArts's presentation and installation equipment, and will be used by students to present independent art works and installations. This proposal will help build a foundation of support equipment for both students who are in the new program, and those working on independent projects. Currently these projects are being supported with speakers, digital projectors, and support equipment purchased for teaching and classroom support. However demand for this equipment has far outstripped supply, and many worthy projects are delayed or never happen at all. This proposal will greatly increase access to these highly demanded pieces of equipment.

The equipment in this proposal is designed to be very modular and flexible, and reflects the breadth of work that students create. The core of this proposal is the Meyer UPM-1p 8-channel speaker system. These self-powered speakers are very modular, and are designed to be used in anything from small mono or stereo art installations up to 8-channel full sized

concert halls. By using these speakers with the requested mixer as well as existing sound mixing equipment, students will be able to create and present works for nearly any venue. This proposal also includes two digital video projectors.

In addition, this proposal includes video cameras that will be used to both create and to document student works and digital video projects. These cameras are chosen to offer the greatest range of flexibility and quality, including the ability to create true 16:9 (wide screen) video.

All this equipment will also be available to the general student population through CARTAH. The proposed equipment is chosen to both supplement and complement equipment already available through CARTAH and allied programs. CARTAH acts as a hub among different programs in the arts, and much of the equipment already purchased by DXArts and its pilot program has already been made available to the general student body through CARTAH.

Student Access

This equipment is primarily intended to support students participating in the new DXArts program, and will be freely available to students taking DXArts classes, and will be used to support independent student projects. DXArts classes are available to all students at the University of Washington, and the multi-disciplinary nature of the program means that students from virtually every program at the UW will take these classes. This equipment will also be available to the general student body through CARTAH. 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

DXArts consists of two working labs in two buildings, 35 Thomson Hall, and 28 Music Building, as well as a digital video classroom in 35 Thomson. Through CARTAH, DXArts provides three permanent technical support staff, a permanent office support person, four Graduate Student Assistants, and a number of workstudy students. DXArts has an annual equipment budget of over \$75,000. These funds will be used primarily to support classrooms, but will also be used to support and supplement this equipment. New space with state of the art labs, studios, and classrooms will be opening in 2003, and will bring together these facilities, as well as CARTAH's lab into one building.

Installation Timeline

This equipment will be purchased as soon as funds become available. Until the new DXArts space becomes available in the summer of 2003, this equipment will be housed in Thomson Hall and Music.

Departmental Endorsement

DXArts is an extension of CARTAH, and shares space and staff with CARTAH. DXArts has strong ties to the Music, Art, and Computer Science departments, as well as ties to Drama, Dance, and the Cinema Studies program.

Student Endorsement

DXArts is a new academic program. Currently about 100 students a year take part in DXArts sponsored classes, but this number will grow dramatically as faculty is hired, new space is renovated for studio and lab use, and students are accepted into the program. For the first two years, we expect most of the demand for this equipment will come from CARTAH based projects. CARTAH has about 200 current student based projects. Below is a sample of CARTAH projects that will benefit from the requested equipment.

Juniper Shuey, Art- Ceramics
Contact juniper3@u.washington.edu
BFA Thesis Installation

The project: A multi-media/ sound installation

I have been researching the 'perception of the Senses' and how this affects our common reality. As a response to this research I am attempting to create and installation that works with the bodies senses to create an artistic atmosphere. This atmosphere will encompass the body and give the participant an experience that is not only mental but physical as well. I anticipate people will walk away with not only the conscious memory but also a physical memory that will inform them in new ways about themselves and their physical perception of their reality.

Bradley L. Hyppa, Cinema Studies/Political Science
Contact bhyppa@u.washington.edu

5 OF FIVE

5 OF FIVE will be an experimental short film that will be shot entirely in digital video. There will be no dialogue in the short and it shall consist of only one central character. He will be an apathetic individual amidst a stagnant maelstrom that perpetuates illegitimate systems in order to maintain the social fabric. Professor Bean will be the faculty advisor on the project and the crew will consist of students from multiple disciplines.

Shawn P. Landis & Paul Margolis, Fine Arts-Ceramics
 Contact landis@u.washington.edu, radiator1@hotmail.com
 Land Art in the USA

From a five-week roadtrip, two artists are preparing a documentary about the present state of art pieces that were built during the 60's and 70's as part of an articulated art movement called 'Land Art' or 'Earth Works'. In five weeks they visited 23 pieces of land art struin across the american landscape. Many Pieces were remote and difficult to find while others were as easy as pulling off the highway. The primary question that they propose to investigate in this 40 minute documentary is 'what is Land Art and how is it taught different than a tourist attraction?' (ie. Why is Spiral Jetty in the Great Salt Lake an art piece and Mount Rushmore is not.) Artistic issues of Entropy, circumventing the gallery systems and the idea of art as experience will also be addressed in their research and in the documentary. As is important in the experience of Land Art, the journey portion of the roadtrip will be included in the documentary to reinforce the idea that land art is an experiential process.

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
* Meyer UPM-1p self powered main speakers	audio/video-hardware	\$1,525.00	16	\$24,400.00
Location: Thomson Hall - THO 9				
Description: Meyer UPM-1p self powered main speakers				
Justification: These highly modular speakers can be used in almost any venue, and can be used individually, in pairs, or even larger groups.				
* Meyer UMS-1p self powered subwoofers	audio/video-hardware	\$1,670.00	8	\$13,360.00
Location: Thomson Hall - THO 9				
Description: Meyer UMS-1p self powered subwoofers				
Justification: These companion sub-woofers can also be used in combination with each other and the main speakers.				
* Spirit Digital 328 Mixer	audio/video-hardware	\$5,000.00	1	\$5,000.00
Location: Thomson Hall - THO 9				
Description: Spirit Digital 328 Mixer				
Justification: This 8-channel digital mixer is used with the Meyer speakers for medium and large venues with pieces that require four to 8 channel sound systems. Existing mixers will be used for smaller venues and art installations.				

* MOTU (E)Firewire ¹ 24 Channel Digital Audio	audio/video-hardware	\$1,250.00	1	\$1,250.00
Location: Thomson Hall - THO 9				
Description: MOTU (E)Firewire ¹ 24 Channel Digital Audio Interface				
Justification: This audio board will be used with an existing Macintosh G4 laptop to allow present digitally created music and art installations that require realtime audio processing.				
* Mixer Travel Case	other	\$800.00	1	\$800.00
Location: Thomson Hall - THO 9				
Description: Mixer Travel Case				
Justification: This will be used for the Spirit Digital 328 Mixer. The mixer will be used mostly outside of DXArts facilities.				
* Speaker Stands	audio/video-hardware	\$250.00	8	\$2,000.00
Location: Thomson Hall - THO 9				
Description: Speaker Stands				
Justification: These will be used for the Meyer main speakers. Because Meyer speakers are designed to stack, only 8 stands are needed.				
* Viewsonic PJ870 Digital Projector	projector	\$3,000.00	2	\$6,000.00
Location: Thomson Hall - THO 9				
Description: Viewsonic PJ870 Digital Projector				
Justification: These will be used to present video and realtime computer animation works as well as for art installations.				
* JVC GY-DV700, Native 16:9 professional D	video-camera	\$13,000.00	1	\$13,000.00
Location: Thomson Hall - THO 9				
Description: JVC GY-DV700, Native 16:9 professional DV camcorder				
Justification: This high end DV camcorder produces exceptionally detailed and rich native 16:9 images, and will be used to complement the very popular JVC GY-DV500 camera purchased by the STF two years ago.				
* Sony VX-2000 DV camcorder	video-camera	\$2,900.00	2	\$5,800.00

Location: Thomson Hall - THO 9

Description: Sony VX-2000 DV camcorder

Justification: The VX-2000 is the most popular camera in it's class. These cameras will complement the two heavily over-subscribed VX-2000s being used by CARTAH, and the VX-2000 that is used to support DXArts classes.

* Optex DV Anamorphic 16:9 Adaptor, allows	video-camera	\$950.00	2	\$1,900.00
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Location: Thomson Hall - THO 9

Description: Optex DV Anamorphic 16:9 Adaptor, allows native 16:9 images on VX-2000

Justification: These specialty lenses allow the VX-2000 camcorders to record in native 16:9. While not as accurate or flexible as the GY-DV700, it is significantly better than the crop method used by most DV camcorders, and will allow students to create cinema aspect ratio videos using the lighter and easier to use VX-2000s.

* Audio and Video Cables	other	\$450.00	1	\$450.00
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Location: Thomson Hall - THO 9

Description: Audio and Video Cables

Justification: These cables will be used to connect the various devices listed in the proposal

* Camera Bags	other	\$75.00	3	\$225.00
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Location: Thomson Hall - THO 9

Description: Camera Bags

Justification: These camera bags will be used for the three proposed cameras.

* Bogen Tripod	audio/video-hardware	\$250.00	2	\$500.00
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Location: Thomson Hall - THO 9

Description: Bogen Tripod

Justification: These tripods will be used for the cameras in this proposal.

shipping	tax/shipping	\$2,150.00	1	\$2,150.00
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Location: Thomson Hall - THO 9**Description:** shipping**Justification:**

tax	tax/shipping	\$6,761.00	1	\$6,761.00
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Location: Thomson Hall - THO 9**Description:** tax**Justification:**

Requested Total:	\$83,596.00
Approved Total:	\$0.00
Funding Status:	Fully Funded

Comments

 Add Comment

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No comments have been posted for this proposal yet.



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