



UNIVERSITY of WASHINGTON

Student Technology Fee Committee

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High Definition Video for Interactive Performance Systems

Proposal ID 2007-052-1

Permanent Link <http://techfee.washington.edu/proposals/view/2007-052-1/>

Department Dance Program

Non-core Campus unit gets priority First No

AccessApplication?Student Yes
Initiated?

Abstract

The Dance Program (Dance) in partnership with the Center for Digital Arts and Experimental Media (DXARTS) requests funding to purchase High Definition Video Recording and Projection equipment. Acquisition of this equipment will increase student access to tools necessary for investigation of the technical and practical domains of new performance technologies and support the development of students' conceptual, theoretical, and artistic visions in live performance, digital film production, and art installations.

Background

The Dance Program, with approximately 100 majors and minors, and one of the most respected Masters of Fine Arts programs in the country, serves almost 900 undergraduate students each quarter. Dance students have the opportunity to perform in up to 24 public performances in 6 productions a year, create site specific choreography and produce original dance works, both for the stage and for the camera. Additionally, students have the opportunity to attend national dance conferences where they mingle with peers and professionals in the dance community and are exposed to the newest ideas in the performing arts, including the implementation of new performance technologies. In an increasingly technology driven world, having access to state of the art tools is essential to the education and professional development of dance students on a path to a career in the arts.

The Dance Program has undergone tremendous transformation in the last ten years. Major catalysts for this transformation have been a growing interest in, and a demand for, interdisciplinary approaches to theorizing and practicing dance performance. The introduction of new interactive media and digital technology has profoundly impacted how we conceive of dance and the creation of new work, leading to new exploration of interactive performance systems with an emphasis on collaboratively conceived and constructed art—a process that demands the removal of traditional disciplinary boundaries and the creation of new domains of art making.

The interaction between the body and technology is an exciting, fertile and contested field that we believe must be investigated by leading digital and performing arts practitioners at the University of Washington. Our peers at the Universities of Utah, California (Irvine), Texas (Austin), and Wisconsin (Madison) and at OSU and ASU already have programs in new dance performance technologies. The partnership of Dance and DXARTS strives to keep abreast of changes in the field and position the UW at the forefront of conducting research in these emerging technologies and practices.

Last year, Dance and DXARTS graduate students collaborated in the creation of new, digitally mediated choreography that was produced in Dancing in the Digital Domain. Nearly

100 students, as performers and production crew, participated in the creation of this production which was experienced by 746 audience members over its 4 performances in the Meany Studio Theatre. Dance and DXARTS view this as a highly successful beginning to an on-going and deepening partnership.

Unfortunately, the Dancing in the Digital Domain production also exposed a shortage of high resolution projectors and cameras available to DXARTS and Dance students. The variety of solutions developed to integrate dance with projected image, and pioneering work in 3D projection, required 5 different projectors to be available for 2 weeks for this production. Only 1 projector powerful enough to integrate with stage lighting (over 5,000 lumens) and with the proper lens to create images 18' tall x 32' wide was available through DXARTS. A comparable projector borrowed from the Seattle Children's Theatre, and 3 smaller (2,000 lumen) projectors from Dance and DXARTS were used to support the needs of these student projects. In a project that integrated real-time image capture with live processing and live projection, the low resolution of standard definition digital cameras was graphically encountered on the big screen. Powerful images in live theatrical performance demand the high resolution provided by High Definition Video. Additionally, because High Definition cameras were not available to record the performances, video documentation of this groundbreaking collaboration could not achieve its potential. A crucial step in advancing the partnership of Dance and DXARTS is providing the infrastructure needed to facilitate profound engagement with emerging technologies applied to movement-based performance.

In a recent search of on-campus resources, I was able to find only 1 portable High Definition camcorder (at Communications), and no large scale (over 5,000 lumen) portable projectors, available for general student use. Classroom Support Services (CSS) and the Center for Advanced Research Technology in the Arts and Humanities (CARTAH) have standard definition camcorders and small (2,000 lumen) projectors, and CSS is requesting more of both in this funding cycle. DXARTS was funded for 2 HDV camcorders last year and is preparing to make these available soon. With the ongoing transition of television to High Definition and the emergence High Definition DVD formats, it is clear that students need access to HDV cameras and equally high resolution projection equipment. This equipment request will expand student access to much needed High Definition video recording and projection equipment, and is an important step towards building future interactive performance systems.

Benefits

Thanks to the generosity of the 2001 Student Technology Fee committee, students have had access to 2 standard-definition digital cameras and 1 digital projector managed and maintained by the Dance Program. These items have served students well, but are nearing the end of their service life. The equipment in this proposal replaces these popular, but worn out items with High Definition Video (HDV) cameras and theatrical-scale projectors available to all students.

This proposal intentionally does not request items for all elements of the work flow from camera to projector. It requests funds only for those key items needed to capture and transfer images to an editing platform, and to output a finished product to large format projection surfaces. Computers and software for post-production are not included to prevent unnecessary duplication with developing CARTAH and DXARTS resources. Some expected accessories (such as tripods) have been omitted from this proposal in acknowledgement that DXARTS and CSS already have adequate stocks of these commonly used items.

The cameras and projectors in this proposal have been selected for compatibility with already funded DXARTS equipment. Minimizing the variety of cameras and projectors available maximizes training time, allowing students to spend less time mastering the gear and more time to concentrate on the creative process. Purchase and storage of common accessories and expendables (like projector lamps) is more cost effective and maintenance is simplified.

All students will benefit from increased access to High Definition video cameras that can be used to create and document digital video projects. Having more equipment available will allow more students to use equipment during peak use periods and may permit more flexibility in check-out duration during non-peak times.

These cameras benefit users through flexibility in recording formats. Standard-definition video can be recorded on MiniDV tape or, for users needing longer duration storage, output via FireWire to the FireStore FS-4 recorders stocked by CSS. High-Definition video may be recorded to P2 memory cards (for transfer to hard drive via the P2 Store reader) or directly to the CinePorter for projects needing extended recording or the redundancy of a RAID drive. HD video may also be output via FireWire to a FireStore recorder or to a properly configured laptop. Users can tailor their equipment needs according to requirements of definition and recording session length.

Students will also benefit from increased access to High Definition projectors scaled appropriately for use in large lecture halls and on-campus event and performance venues including the HUB ballrooms and auditorium, Hec Ed Pavilion, and the theatres managed by Meany Hall and the School of Drama.

The Projector Dousers included in the equipment list are remote controlled dousers for the projectors allowing for complete black-out of the projected image. These come with a manual controller usable anywhere, and the ability to interface with DMX-512 lighting control consoles available in all the theatrical venues on campus for integrated control with the stage lighting systems. This equipment is compatible with any projector and will benefit all events with a need to achieve a true blackout from a projector.

While this proposal is initiated by Dance, warehousing, access, training, and maintenance resources will be provided through DXARTS. Student access to STF funded equipment through the CARTAH project system has been extremely successful. Dance feels that more students will be served more successfully through partnership with DXARTS than by trying to duplicate this model. Users of any of this equipment will benefit from the professional training and management provided by DXARTS and CARTAH, as well as access to a community of students familiar with these tools.

Links to more information about the items on this proposal may be found at http://faculty.washington.edu/wellborn/STF_Proposal/STF-Proposal.html

Student Access

Because of the developing partnership between Dance and DXARTS, the equipment included in this proposal will be available to the general student population through approved CARTAH projects.

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 at www.washington.edu/cartah. Students are offered help in constructing cogent research proposals, and virtually all student research proposals are accepted.

CARTAH provides the training for specific skills students need to properly use the equipment.

CARTAH is open weekdays from 8:30 to 4:30 and is available as a drop in lab during these hours. In addition DXARTS makes extensive use of electronic locks throughout it's facilities. DXARTS offers 24 hour access to its labs and studios for all DXARTS students beyond the 200 level and many CARTAH clients.

The equipment will also be available to approved Dance and DXARTS students doing independent projects.

Available Resources

Dance is partnering with DXARTS in submitting this proposal.

DXARTS/CARTAH will provide the following resources:

Equipment access through the CARTAH project system;

Storage space;

Technical support staff;

Maintenance expenses (50%);

Additional and compatible video production accessories (both general and specific to Panasonic cameras);

Access to the equipment for the larger student-body;

Editing facilities to support HD post-production;

Dance will provide the following resources:

Maintenance expenses (50%);

One OmniLock to streamline security in a DXARTS post-production studio.

Installation Timeline

Purchasing will be complete by the end of Summer quarter, allowing student access to the equipment by Autumn 2007.

Departmental Endorsement

Participating units:

Dance Program

Center for Digital Arts and Experimental Media

Dear STF Committee Members:

I write in strong support of the joint proposal between Dance and DXARTS for the purchase of high definition video recording and projection equipment. As the director of the Dance Program, I am keenly aware of advances being made in the field of dance and technology; this is truly the new frontier with regard to emergent creative and performance practices. Our peers at Ohio State University, Arizona State University, University of Utah and University of Texas-Austin stand at the forefront of dance technology. They have emerged as leaders in this area, because they have dedicated resources—space, equipment and faculty—to this end.

Given the talent and expertise in the Dance and DXARTS programs, I truly believe that we are poised to be a leader in the realm of digitally mediated performance practices. Dance and DXARTS have been working in partnership for two years and the depth of this cross-disciplinary relationship deepens with each quarter. Graduate students in both programs collaboration on the 3-D: Dancing in the Digital Domain concert on alternate years—this collaboration involves two quarters of course work as well. This spring, BFA students from DXARTS with work with BA dance majors in our advanced dance composition course, thus replicating, on a smaller scale, the collaborative process undertaken in the 3-D concert. Additionally, DXARTS is allotting spaces for dance students in their DXARTS 450 and 460 courses, and Dance is inviting DXARTS student into our brand new production course. Our units are also asking the College of Arts & Sciences for joint positions in dance & technology so that the University of Washington will be a major destination for artists wishing to become leading practitioners digitally mediated performance.

The Dance Program has a very strong employment profile for graduating MFA students, and increasingly, more of our graduating dance majors pursue careers in performance, choreography, production and pedagogy. Our department has a profound obligation to prepare students for the diversity and demands of a rapidly developing field, and to be leaders in determining the future of the field. The equipment being sought in this grant proposal is absolutely necessary if we are to satisfy our obligation to our students. Our strong and respectful partnership with DXARTS guarantees that we will have dedicated storage space for the equipment and the staff to train and properly maintain the new equipment. It is my sincere hope, that you will grant us this award. Our students will reap vast benefits and grow as artists from exposure to these new tools. Sincerely,

Betsy Cooper, Associate Professor and Director Dance Program

Dear STF Committee Members:

I write to offer unqualified support of the joint STF proposal between Dance and DXARTS for the purchase of high definition video recording and projection equipment. As the director of the DXARTS Program, I am keenly aware that the representation, hybridization and interaction with the body through technology is both an exciting, fertile and contested space that we believe must be collaboratively investigated by pioneering digital, experimental and performing arts students at the University of Washington. Dance and DXARTS view this collaboration as a strong, rational and highly important deepening of our emerging partnership. We seek to formally build off of our groundbreaking academic and performance collaborations with a partnership from STF in support of purchasing these greatly needed research tools. We believe a successful STF proposal is another crucial step in cementing the University's leadership in the field at-large and further provide students across campus working in allied fields, the much needed synergistic support and investigative infrastructure to allow them a profound engagement with emerging technologies as applied to digital performance.

To support the many STF partnerships we have developed over the years, DXARTS has invested heavily in professional technical staff, the development and use of sophisticated online equipment reservation and inventory systems, broad on-site and location specific technical training for student projects, and full scale production pipelines for high-end studio audio, video, and animation. With this proposal we seek to begin the building of a new ongoing performance initiative on campus and use the substantial and highly effective management systems DXARTS has in place to allow for the best and most efficient use of both student time and energy, as well as STF funds. DXARTS is fully committed to supporting this request and is delighted to partner with Dance and the STF to make it happen. Sincerely,

Professor Shawn Brixey
Director, Center for Digital Arts and Experimental Media

Box 353680, University of Washington,
E-mail: shawnx@u.washington.edu
<http://www.washington.edu/dxarts>

At the risk of repeating what has already been so eloquently said in student letters of support, and in the incredibly thorough application by Michael Wellborn, I will say, simply, we are behind...way behind our peer institutions technologically. This STF grant would help provide much needed equipment for our eager, intelligent, creative students who are constantly looking for new ways to explore the question, "What is dance?"

I strongly support this proposal. We are beginning an exciting partnership with DXARTS and this will help strengthen our partnership, which will also bring national attention to the University of Washington in exciting new ways. Feel free to contact me if you have any questions. Thank you for your time. Sincerely,

Jennifer Salk, Assistant Professor, Dance Program

Student Endorsement

I am a first year PhD student at DXARTS. I intend to work between DXARTS and Dance to develop dance/technology art works and research practices throughout my time at UW. I have substantial professional experience working in both dance and digital media, and fully endorse this proposal as an important step forward that will benefit both fields. I look forward to the opportunities and collaborations this equipment will facilitate.

Heather Raikes, DXARTS

As a 3rd year grad student at DXARTS and a filmmaker interested in dance-cinema, I wholeheartedly support this proposal. I believe that the Dance department is wise to move toward the HD medium for technical as well as aesthetic reasons. The proposed Panasonic cameras have achieved wide popularity in the industry, and make an excellent investment that integrates well within the University and without. In addition, the proposed projectors are robust machines capable of supporting highly professional performances and productions. Finally, I am excited about the partnership between Dance and DXARTS that will allow these cameras to be used by a wide group of students in cross-disciplinary collaborations ranging from experimental cinema to documentary. Thank you for considering this proposal. Sincerely,

Noel Paul, PhD Candidate and Lead TA, Center for Digital Arts and Experimental Media
DXARTS

I am a second year graduate student in Dance at the University of Washington in Seattle. I have learned through my growth here, and within my dance community, that dance is not only about movement in space, it has become a technological collaboration with digital media. Every MFA program in the US has a curriculum that includes digital media, both in learning how to use video, iMovie, Rock Band and Isadora. In order for us to compete with other programs in having up to date equipment we are in desperate need of high quality video cameras. It is important for us as graduate students and the other majors in the department. It is imperative for us as a department to stay in touch with dance and its growth all over the world. Thank you for your consideration.

Pamela Pietro, Dance

My name is Rhonda Cinotto and I am a second year graduate student from the dance program. Dance as an art form is becoming more and more technological, and many choreographers rely on technology to bring their artistic vision to fruition. As graduate students preparing for careers within academia, it is vital that we remain current with the advancements in our field. The addition of two HD video cameras and a large format projector would provide a much needed opportunity for students to experience the artistic possibilities that such technology would provide. Thank you for your consideration in this request. Sincerely,

Rhonda Cinotto, Dance

I am writing to express my support for the acquisition of two HD Video cameras and large format projector for use by the dance department. This equipment is sorely needed and will enhance our ability to produce quality work, especially multimedia work. I am a first year graduate student and am in the planning stages for our MFA concert this spring. I personally have a need for this equipment for the full realization of my vision. In addition, the availability of these cameras will enable the department to provide education opportunity commensurate with other programs around the country. The professional and educational field of dance is moving increasingly towards an embrace of technology and multimedia. We are sorely lacking here in "up to date" technology and this will help us move towards being current in the field. Thank you for your consideration. Sincerely,

Kent Lindemer, Dance

The professional community expects University of Washington graduates to be proficient with the cutting edge technology of their field. Access to cutting edge video equipment would be extremely useful for all dance students. The use of video can help document a choreographer's research or record a performance so that it then can be reset later with different dancers so that the life of a particular dance is lengthened, not lost, and even improved. Dance performance is such a fleeting art form. Choreographers take months to choreograph a dance, to have it performed for an audience only three or four times.

Also, dance for the camera is a new sub field of dance studies being taught at top university dance programs across the states. Dances made specifically for the purpose of filming. The choreographer controls the audience's eye more than ever in a dance film. The choreographer can allow the audience to see such details of movement that do not come across when performed in a big proscenium stage. However, if the quality of the filming equipment is bad, the work of art the student is trying to create will not reach its full potential. Please help us acquire this new equipment that is vital for the success of our students and our program. Sincerely,

Rachel Elise Randall, Senior, Dance and Anthropology Major

As an undergraduate dance major I think that access to digital equipment in the UW Dance department should be an integral part of our education. Digital media can infuse new life and magic into the dance form. The possibilities this presents are very exciting. Digital media also makes dance accessible to a broader audience. Access to the equipment proposed would greatly facilitate transforming an original dance piece into a new and exciting form.

Leah Schragger, Senior, Dance and Biology (Physiology)

I believe that having upgraded digital video cameras will facilitate the classes or projects of the Dance Program. In one of my dance composition classes we sometimes failed to record some of the dance pieces because the cameras we are currently using do not adjust to the light well under some circumstances. Therefore, having the upgraded cameras might be a great help and will be awesome! Regards,

Joyce Liao, Senior Dance and Accounting

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
* Camcorder, Panasonic AG-HVX200	video-camera	\$5,300.00	2	\$10,600.00
Location: Raitt Hall -				
Description: Panasonic AG-HVX200 3-CCD P2/DVCPRO HD Format Camcorder w/ CGA-D54SE Camcorder Battery and AG-B15 AC Adapter and Battery Charger				
Justification: These cameras allow students maximum flexibility in capturing video in multiple formats of HD or standard-definition with a variety of recording modes and frame rates; 3 one-megapixel 16:9 CCDs, a 13x-zoom Leica optical system with image stabilization, and professional audio connections; with appropriate accessories, this camera is suitable for most types of video production and matches cameras previously funded for DXARTS/CARTAH inventory.				
* Filter, camera lens	audio/video-hardware	\$35.00	2	\$70.00
Location: Raitt Hall -				
Description: General Brand 82mm UV Protector Filter – Glass				
Justification: Inexpensive Glass filter to protect expensive camera lens				
* Lens, Wide Angle Adapter	audio/video-hardware	\$1,000.00	2	\$2,000.00

Location: Raitt Hall -

Description: Century Precision Optics 0.75x Wide Angle Adapter Lens

Justification: Extends range of Panasonic HVX200 Camcorder zoom lens for more versatility; allows use of full zoom range.

* Memory Card, P2	audio/video-hardware	\$1,130.00	8	\$9,040.00
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Location: Raitt Hall -

Description: Panasonic AJ-P2COO8HG 8GB P2 High Performance Memory Card

Justification: solid state memory card storage device for Panasonic AG-HVX200 Camcorder for HD recording; each card holds 8 minutes of HD1080 data; 4 cards for each camera allows for 2 card bays in camera and 2 cards for data transfer off-line

* Case for Camcorder	misc-equipment	\$350.00	2	\$700.00
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Location: Raitt Hall -

Description: Panasonic SHANH VX200 Thermodyne Shipping Case with Wheels

Justification: Hard weather-proof case w/ dolly for Panasonic AG-HVX200 Camcorder

* Digital Video Recorder, Cineporter CP-3	audio/video-hardware	\$3,499.00	2	\$6,998.00
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Location: Raitt Hall -

Description: Specialized Communications Cineporter CP-3, 320GB (Includes RAID functionality)

Justification: Digital video recorder designed specifically for the Panasonic AG-HVX200 P2 camcorder; hard drive can record up to 320 minutes of DVCPRO HD 1080p footage (or 160 minutes RAID) for long form recording and easy connection to non linear editing systems; mounts between camera and tripod.

This item is still in development and is due to ship in summer 2007. If not available in time, the Focus Enhancements FireStore FS-100 Digital Video Recorder (100GB HDD) would be an appropriate alternative. CSS stocks the 40GB version of this product which they have found suitable for standard-definition video recording.

* Memory Card Reader / P2 Store	audio/video-hardware	\$1,550.00	2	\$3,100.00
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Location: Raitt Hall -

Description: Panasonic AJ-PCS060G P2 Store 60GB Portable Hard Drive Storage Device

Justification: Rugged, portable hard disk storage device specifically for P2 memory cards; transfers the content of P2 cards to an internal hard disk drive for back-up and re-use of P2 cards.

* AC Power Adapter / Battery Charger	audio/video-hardware	\$150.00	2	\$300.00
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Location: Raitt Hall -

Description: Panasonic AG-B15P AC Power Adapter / Battery Charger

Justification: AC Power Adapter/Battery Charger for Panasonic AJ-PCS060G 60 GB Portable Hard Drive Storage Device (P2 Store)

* Case (soft/carry) for Memory Card Reader	misc-equipment	\$80.00	2	\$160.00
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Location: Raitt Hall -

Description: Porta Brace C-P2STOR Hard Disc Drive Carrying Case

Justification: Soft Carrying Case specifically for Panasonic AJ-PCS060G 60GB Portable Hard Drive Storage Device (P2 Store)

* Case (weatherproof) for DVR/MCR	misc-equipment	\$87.00	4	\$348.00
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Location: Raitt Hall -

Description: Pelican 1500 Medium Protector Watertight ATA Hard Case with Foam (Black)

Justification: Hard weather-proof case customizable to fit Panasonic AJ-PCS060G P2 Memory Card Reader or CinePorter CP-3 Digital Video Recorder with accessories

* Lens, Telephoto Adapter	audio/video-hardware	\$1,250.00	2	\$2,500.00
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Location: Raitt Hall -

Description: Century Precision Optics Pro HD Series 2.0x Telephoto Converter Lens with Lens Support Slider and Lens Shade

Justification: Extends range of Panasonic HVX200 Camcorder zoom lens for more versatility

* Filter, for Telephoto & W/A adapters	audio/video-hardware	\$185.00	4	\$740.00
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Location: Raitt Hall -

Description: Schneider 68-120021 clear UV filter, 102mm

Justification: Glass filter to protect expensive telephoto and wide angle lens adapters

* Battery Pack	audio/video-hardware	\$150.00	10	\$1,500.00
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Location: Raitt Hall -

Description: Panasonic CGR-D54 Lithium-Ion Battery Pack (7.2v, 5400mAh)

Justification: Battery Pack for Camcorders and P2 Memory Card Readers; with 2 original camera batteries this 10 additional batteries will provide 3 batteries for each camera and each HDD (one in use, 1 spare, 1 charging)

* Battery Charger	misc-equipment	\$560.00	1	\$560.00
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Location: Raitt Hall -

Description: Dolgin Engineering TC-400 Battery Charger - 4 Position

Justification: 4 position charger for Panasonic batteries, with Test/Discharge Module; battery charger; provides fast simultaneous charging of up to 4 battery packs

* Camera Assistant's Kit	misc-equipment	\$168.00	2	\$336.00
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Location: Raitt Hall -

Description: Filmtools Camera Assistant's Survival Kit

Justification: Lens cleaning kit, flashlight, scissors and other camera assistant supplies in nylon pouch with belt; 1 kit for each camera

* Projector, Sanyo PLV-HD100	projector	\$29,995.00	1	\$29,995.00
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Location: Raitt Hall -

Description: Sanyo PLV-HD100 True High Definition (1920 x 1080) 16:9 Home Theater Projector, 5500 ANSI Lumens

Justification: Powerful 4x250W lamp High Definition LCD projector; shares lamps and I/O modules with Sanyo PLC-UF15 UXGA projector in DXARTS inventory.

Projector Lamp	audio/video-hardware	\$400.00	8	\$3,200.00
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Location: Raitt Hall -

Description: Sanyo 6103051130 Projector Replacement Lamp

Justification: Projector uses 4 lamps; 1 set of spare lamps for each Sanyo PLV-HD100 Projector.

* Case for Projector	misc-equipment	\$1,148.00	1	\$1,148.00
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Location: Raitt Hall -

Description: Sanyo PLCCSE14 Hard Shipping Case

Justification: Hard weather-proof case with wheels for Projector

* Projector Lens, Standard Zoom	audio/video-hardware	\$790.00	1	\$790.00
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Location: Raitt Hall -

Description: Sanyo LNSS01 Standard Zoom Lens

Justification: Zoom lens for larger venues (60-95 foot throw)

* Projector Lens, Wide Zoom	audio/video-hardware	\$4,300.00	1	\$4,300.00
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Location: Raitt Hall -

Description: Sanyo LNS-W06 Short Zoom Projection Lens

Justification: Zoom lens for smaller venues (38-50 foot throw)

* Projector Ceiling Mount	audio/video-hardware	\$386.00	1	\$386.00
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Location: Raitt Hall -

Description: Chief VCM Series LCD/CRT Projector Ceiling Mount VCM-47E for Sanyo PLV-HD100

Justification: Attachment system to facilitate secure rigging in theatrical venues

* Projector Douser	audio/video-hardware	\$510.00	1	\$510.00
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Location: Raitt Hall -

Description: Engineering Solutions The Flapper MKII Kit 3 with base unit, power supply, flap, manual controller, Storm iM2100 Road Case

Justification: Mechanical douser to facilitate full blackout of projector; remote controlled with manual controller (switch) or with DMX-512 controller (for timed fades synchronized with stage lighting)

* Data Cable for Douser, 50'	misc-equipment	\$36.00	1	\$36.00
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Location: Raitt Hall -

Description: Engineering Solutions XLR 5 DMX cable, 50 feet

Justification: data cable to link douser to controller

* Data Cable for Douser, 25'	misc-equipment	\$26.00	1	\$26.00
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Location: Raitt Hall -

Description: Engineering Solutions XLR 5 DMX cable, 25 feet

Justification: data cable to link douser to controller

* Data Cable for Douser, Adapter	misc-equipment	\$12.00	1	\$12.00
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Location: Raitt Hall -

Description: Engineering Solutions XLR 5-F to XLR 3-M Adapter Cable (6")

Justification: Adapter to connect manual controller to DMX cable

* shipping (estimate)	tax/shipping	\$1,000.00	1	\$1,000.00
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Location: Raitt Hall -

Description: shipping and handling

Justification:

* tax (estimate)	tax/shipping	\$5,195.00	1	\$5,195.00
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Location: Raitt Hall -

Description: sales & use tax

Justification:

* Memory Card, P2	audio/video-hardware	\$1,600.00	8	\$12,800.00
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Location: Raitt Hall -

Description: Panasonic AJ-P2C032RG 32GB High Performance P2 Memory Card ** This supplemental replaces 8MB cards at \$1130 each with 32MB cards at \$1600 each, a 400% increase in capacity for a 42% increase in cost.

Justification:

* Digital Video Recorder, Focus Enhancemen	audio/video-hardware	\$1,495.00	4	\$5,980.00
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Location: Raitt Hall -

Description: Focus Enhancements FS-4Pro HD 80GB Portable DTE Recorder - NTSC. ** Justification: As speculated in the proposal Specialized Communications did not release the Cineporter CP-3, 320GB Hard Drive recorder. The Focus Enhancements FS-4Pro HD 80GB Portable DTE Recorder is still an appropriate substitution to provide the extended recording capability originally proposed. 4 units are requested to provide comparable storage capacity and prudent redundancy for the 2 cameras funded.

Justification:

Requested Total:	\$104,330.00
Approved Total:	\$85,092.00
Funding Status:	Partially Funded

Comments

 [Add Comment](#)

As a first year graduate student in the Dance Department at the University of Washington, I am writing in support of the proposal requesting two new High Definition Video Recording and Projection equipment for the Dance and the DXARTS programs at the University of Washington. These essential tools will enable the creative minds of both departments to explore their artistic inspirations in the digital realm, a realm that is rapidly becoming an integral part of our day-to-day experiences. Thanks to funding provided by the 2001 Student Technology Fee committee, we have been able to incorporate the digital realm into many works over the past few years. However, we have reached an impasse due to the soon to be dated tools we received in 2001. It is imperative that we as artists have the most updated technology available to remain connected to society and its ever-changing landscapes. Your help in 2001 helped us play with others successfully in the digital domain; please continue to be supportive of our journey on the superhighway of technology. Thank you for your support. Sincerely,

Maria Cynthia Anderson

I am a third year undergrad student in the Dance Program. I am currently working on a piece as a dancer for the Dance Majors Concert. The piece is about dreams, and the choreographer wants the dancers to be blank canvases for dreamscapes. She had an artist create some beautiful artwork that she would like to project onto our bodies, which will be covered in white. In order for this and future pieces to be aesthetically pleasing and artistically sound, we need the proper technology. As it is right now, the choreographer has secured the projectors that she needs, but she has found that the other choreographers who need similar equipment are now at a loss because of her. None of us should have to sacrifice our artistry because of a lack of technology.

Ditto to all the comments above. I have a personal example myself as to why the new technology would help us. Art has advanced with technology. If we have the latest gadgets then our creativity is not stopped short of our ideas. I am in two pieces this quarter that incorporate projections on the backdrop and on our bodies. The choreographers vision consists of the dancers but also of the environment around them. Without technology the piece would be incomplete.

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