

STUDENT TECHNOLOGY

GRANT PROPOSALS

2019 - 2020

2020.021

Contacted 2 other vendors for quote

TRACY BROWN: ACCEPTED

OPPOSED:

COMMENTS:

No Issues

SIGNATURE: 

DATE: 12/2/19

HEATH FITTS: ACCEPTED

OPPOSED:

COMMENTS:


SIGNATURE: 

DATE: 12/4/19

SHAWN PARR: ACCEPTED

OPPOSED:

COMMENTS:

SIGNATURE: 


DATE: 12/3/19

BLAYNE HENSON: ACCEPTED

OPPOSED:

COMMENTS:

Expect \$1500⁰⁰ wiring

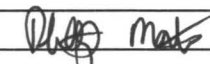
SIGNATURE: 

DATE: 12/4/19

PHILLIP MARTIN: ACCEPTED

OPPOSED:

COMMENTS:

SIGNATURE: 

DATE: 12-3-19

#2020.021
FF

Northwestern State University of Louisiana

2019-2020 Student Technology Fee Grant Application

Please Complete the Entire Application

Prepared by: Dr. Masahito Kuroda For: Department of Music

Department/Unit: School of CAPA College: Arts and Sciences Campus: Natchitoches


Which NSTEP Goals/Objectives does this project meet?
1, 2, & 8

Requested equipment will be located/installed/housed? Building 25A Room 106

Does the department receive lab fees? (circle one) YES NO

Are department property policies and procedures in place for requested equipment? Y

Which individual will be responsible for property control of the requested equipment?

Signature:  Date: 11/21/19

Proposal Requested Amount: \$ 49,640.46 Budget Attached (circle one): YES/NO

Proposal delivered to Student Technology located in Watson Library, Room 113. Date 11/21/19

Please be sure to include detailed specifications, vendor information, state contract information, descriptions, and quantities in the application.

- | |
|--|
| <p>1. Describe the target audience.</p> <p>260 NSU undergraduate and graduate music majors, all the Fine Arts class students, student/faculty/ staff participants of various seminars/ training, online viewers of approx. 120 live-streamed concerts per academic year, community event participants, and university guest speakers/ artists.</p> |
| <p>2. Describe the project/initiative.</p> <p>To enhance the effectiveness and quality of multimedia presentation/ instruction and recording in Magale recital hall for the needs of the student population. The project upgrade includes; 1) projector upgrade to a brighter laser projector, 2) screen size upgrade to accommodate larger audience, and 3) installing motorized mechanism for recording microphones which can be retracted while projector is in use. (this will also optimize the microphone placement to improve the recording quality).</p> |

3. State measurable objectives that will be used to determine the impact/effectiveness of the project.

- Objective 1. To enhance Magle Recital Hall's ability to serve the needs of the NSU student population, community, and guest artists/ speakers for events and concerts that utilize multi-media presentation.
Objective 2. To enhance the quality of recording and live streaming for the NSU music students, parents, and prospective students.

4. Please explain the evaluation process for each project objective.

Objective 1. The program of every concert events in Magale are kept electronically at the CAPA concert program depository for the record. The record count should provide the kind of multimedia utilization as well as number of such events.

Objective 2. Audio and video recording files of all concerts in Magale are kept in the CAPA Network Attached Storage (NAS) in the NSU ITS Data Center. The number count as well as the quality of the archived recording should provide the progress and success of the objective.

5. Which NSTEP <http://www.nsula.edu/nstep/NSTEP.pdf> objective(s) will this funding of this project advance? How will the funding of the project advance the University and College/unit technology plan?

- NSTEP Objective 1. To improve access to technology by students, faculty, and staff at Northwestern State University: Installation of the new projector and higher quality recording system in the Magale Recital Hall will improve access to the current multimedia event technology for NSU population.
- NSTEP Objective 2. To provide classrooms with updated technology and multimedia: With the addition of the new projector system and higher quality recording in the Magale Recital Hall, the courses and events that utilize such system will be made more viable.
- NSTEP Objective 8. To encourage innovation and research: By providing a high-quality presentation/recording system for use, innovation and research will be stimulated by the access to current technologies.

6. Please justify funding for the project. Provide the number of students that will be served per academic year and in what ways. Please also indicate any unique needs of the target group.

Projector and microphone system will serve approximately 260 music majors, all the Fine Arts class students, participants of various seminars/ training, online viewers of approximately 120 live-streamed concerts/ events per year, community event participants, university guest speakers/ artists. The new projector and microphone positioning mechanism should enhance the quality of their experience as well as the effectiveness of multimedia presentation in such events.

7. List the individuals who will be responsible for the implementation of the project/initiative and indicate their demonstrated abilities to accomplish the objectives of the project.

- Dr. Masahito Kuroda, Associate Professor of Music/ Sound Tech, P.D. and P.I.
Instructor of Sound Recording Course, 15 years as coordinator of recording for music department, Oversees the recording equipment in Magale recital Hall.
Dr. J. Mark Thompson, Coordinator of Statistics and Acquisitions (CAPA)/ Professor of Music, Co-P.I.
Over \$832,000 of successful grants writing for CAPA, primarily technology-related, 19 years of overseeing the Music Department's technology needs.

8. Describe any personnel (technical or otherwise) required to support the project/initiative.

The personnel mentioned in the section above are capable of supporting the balance of implementing this project/initiative. Student workers and graduate assistant(s) who are assigned to the Magale recording team will be trained to operate the devices installed.

9. Provide a schedule for implementation and evaluation.

December- January 2019: Proposal funded. PD and Student Tech Support Specialist prepares initial POs. NSU begins purchase process.

May-July 2020: Materials received and installed by professional vendor. PD will receive training as the installation completed.

August 2020: Student workers and graduate assistant(s) trained on proper use of equipment. Full implementation of the proposal.

10. Estimate the expected life of hardware and software. Explain any anticipated equipment/software upgrades during the next five years.

Typical life expectancy of laser projector is about 20,000 hours (13 years, if used 4 hours a day in 365 days). Servo motors used in microphone reels are said to last up to 20 years under ideal conditions.

11. Explain in detail a plan and policy that will be in place to ensure property security/controls for any equipment received through a Student Technology Fee. If requested equipment that will be either/or checkout to students or moved within the department, please provide a checkout/loan policy.

The control units will be permanently rack mounted in the recording booth secured with metal shutter and electronic lock. The lock is opened with a FOB that is issued only to the faculty recording coordinator, authorized student workers, and ECE media support personnel. The other equipment will be securely attached to the structure of the recital hall behind the ceiling that can only be accessed through multiple locked service doors. The recital hall entrance is also secured with an electronic lock.

12. Does the department receive lab fees? If so, please explain the need for Student Technology Fee funds.

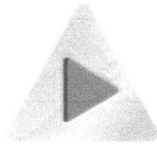
Yes. However, only the students enrolled in the recital performance class assessed with the lab fee, which covers the maintenance needs of recital operation such as piano tuning and equipment maintenance.

13. Attach a detailed budget.

The detailed quote from Summit Integration Systems attached.

14. Attach two (2) letters of support for the project from the following individuals: the requesting department's Dean, the appropriate Vice President, or for student request, the SGA President from the requesting campus.

The letters of support attached.



summit

INTEGRATION SYSTEMS

A PowerLite Company

Date: 11/21/2019

To: NSU

Phone:

From: **Scott Albarado**

Account Executive

O: 800-444-2480 x6402 | M: 337-510-0538

3639 Ambassador Caffery Pkwy Ste 402 Lafayette, LA 70503

Re: **State Contract Quote for Magale Recital Hall Upgrades**

<u>Qty</u>	<u>Description</u>	<u>Line #</u>	<u>*Unit Price</u>	<u>*Total Price</u>
State Contract #4400011833				
1	Epson ProL 150SUHNL Projector, 12000 Lumens, Laser, WUXGA, No Lens	1051663	\$ 12,682.00	\$12,682.00
1	Epson Middle Zoom Lens #4	1041685	\$ 1,212.00	\$1,212.00
State Contract #4400011175				
1	Summit - SIS-Screen31-Electric Screen	1086923	\$ 8,237.37	\$8,237.37
1	Summit-SIS-CEIDMPS34K150C-Digital Media Presentation System	1087987	\$ 3,500.00	\$3,500.00
1	Summit-SIS-Touchpanel5-Audio/Visual Controller Touch Panel	1087256	\$ 852.60	\$852.60
1	Summit-SIS-Rack3-Rack for Computer & Video Equipment	1087224	\$ 490.00	\$490.00
1	Summit-SIS-FURM8DX-15A Rack Power Conditioner	1087698	\$ 128.80	\$128.80
1	Summit-SIS-AVWP03-Wall Plate 03	1087950	\$ 42.00	\$42.00
200	Summit - SIS-BulkCable1-Audio/Visual cable per foot-Cat 5e	1087147	\$ 0.32	\$64.00
150	Summit - SIS-BulkCable7-Audio/Visual cable per foot-Single pair	1087153	\$ 0.25	\$37.50
7	Summit - SIS-Interconnectcables	1087098	\$ 35.70	\$249.90
1	Summit-SIS-WARR3-One Year Onsite Extended Labor Warranty Option	1088106	\$ 1,714.29	\$1,714.29
150	Summit Onsite Installation / programming/ troubleshooting/System Testing	1088189	\$ 90.00	\$13,500.00
Non State Contract Items:				
2	Servoreeler Retractable Ceiling Mic System, 23' Max Length (SRL-		\$ 2,200.00	\$4,400.00
1	Servoreeler Controller (SRC-6)		\$ 1,250.00	\$1,250.00
2	Servoreeler Controller Card for Crestron Control (OPTION-A)		\$ 320.00	\$640.00
1	Servoreeler Trapeze System Tubular Bar, 2' (TRAP-2)		\$ 640.00	\$640.00
Total				\$49,640.46



NORTHWESTERN STATE COLLEGE OF ARTS AND SCIENCES

November 20, 2019

Dear Grant Selection Committee:

It is my pleasure to write this letter of support for Dr. Masahito Kuroda's Student Technology Fee Grant proposal. While this grant is targeted primarily at the Music area within the School of Creative and Performing Arts (CAPA), a member of the College of Arts and Sciences, it will also impact many events hosted in Magale Recital Hall. This means that our community, prospective students, families of our students, as well as online viewers of live-streamed events will benefit from the funding of this proposal. Designated as an "Area of Excellence" by the University of Louisiana Board of Supervisors, CAPA is responsible for offering and administering the Fine Arts 1040 course (required of all undergraduate majors) as well as all of the music courses to music majors, music education majors, and other interested/talented non-music majors.

Dr. Kuroda's grant enhances the Magale Recital Hall by adding a larger screen with improved projection technology, as well as installing the recording microphone positioning mechanism to improve the quality of audio recording. These tools to enhance the available technology needed for CAPA to remain an "Area of Excellence". Additionally, this project would help expand Northwestern State's ability to offer quality instruction in this facility.

Thank you for your time and consideration of this proposal. Dr. Kuroda has my full support. The College of Arts and Sciences appreciates your past support of CAPA's endeavors your interest in helping CAPA maintain its standing as an "Area of Excellence" as they work diligently to improve the student experience at Northwestern State University. If you have any questions regarding my recommendation or support, please do not hesitate to contact me.

Sincerely,

Francene J. Lemoine, Ph.D.
Interim Dean and Professor
College of Arts and Sciences
Northwestern State University of Louisiana
Natchitoches, LA 71497
Phone (318)357-5805
Fax (318)357-4255
Email lemoinef@nsula.edu

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Phone: 318-357-4330 | Fax: 318-357-4255 | 128 Caspari Hall | Natchitoches, LA 71497



NORTHWESTERN STATE
University of Louisiana

Natchitoches, LA 71497

Mrs. H. D. Dear, Sr. and Alice E. Dear
School of Creative and Performing Arts

Music	(318) 357-4522
Art	(318) 357-5744
Theatre	(318) 357-4483
FAX	(318) 357-5906

11/21/19

To Whom It May Concern:

This letter is to support Dr. Masahito Kuroda's Student Technology Fee Grant on upgrading the presentation/ recording capability in the Magale Recital Hall.

The grant is to upgrade the screen to be larger 16:9 format, as well as to install much brighter laser projector for easier viewing. It also contains the motorized microphone retracting mechanism that pulls the recording microphones when the projector is in use to avoid casting shadow on the screen.

The presentation equipment has been extensively utilized not only for concerts and recitals for approximately 260 music majors, but also Fine Arts 1040 classes (core class for all undergraduates), various seminars/ training for students, faculty, staff, and various community events. The presentation equipment upgrade should certainly bring the higher effectiveness in such presentation and enhance instruction in the Magale Recital Hall.

The microphone mechanism will work in conjunction with the new screen, providing the capability to enhance the quality of the audio recording made in the hall without casting shadow on the screen. Over 120 concerts per academic year are hosted in Magale. They are recorded and live streamed to reach out not only the current NSU students but also parents and prospective students around the globe. Installing the microphone positioning system will certainly benefit to achieve higher quality of recording and live streaming.

I give my full support to this proposal. Thank you for your consideration and your support on CAPA's activities and projects in the past.

Sincerely,

Scott Burrell, Director
School of Creative and Performing Arts