

2023.008

FF

Student Technology Fee  
Grant Proposal Request Form  
Fiscal Year 2022-23  
Northwestern State University of Louisiana

**ALL BLANKS MUST BE FILLED COMPLETELY**

Prepared by: Dr. Masahito Kuroda For: Upgrading Streaming/Lighting Equipment in Magale Recital Hall

Department/Unit: Music College: CAPA Campus: Natchitoches

Which NSTEP Goals/Objectives does this project meet? 1, 2, 4, 7, 8, & 9

Requested equipment will be located/installed/housed? Building New Fine Arts Bldg. Room 106

Does the department receive lab fees? Yes

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

Which individual will be responsible for property control of the requested equipment?  
11/11/2022

Signature:  Date: \_\_\_\_\_  
24,468.97

Proposal Requested Amount:\$ \_\_\_\_\_ Budget Attached: Yes

Proposal delivered to Student Technology located in Watson Library, Room 113. Date 11/11/2022

Incomplete proposals will be returned

Funding from the Student Technology Fee is allocating funds to departments and individual grants, awarded on a competitive basis, which advance the **teaching/learning process** within the mission of the University. All requests will be considered in this context, as articulated herein and as reflected in the unit's technology plan. Proposals should enable or enhance the ability of Northwestern students to access and assimilate large amounts of information, further their professional competence, and provide state of the art technologies in their field. The nature of, and rationale for, a request for student technology fee allocation must be consistent with the University's and requesting unit's technology plan.

- Funding decisions will be made during the month of December 2022.
- If your grant is approved by STAT, you will be informed via email.

**1. Describe target audience.**

210 NSU undergraduate/graduate music majors and minors, all the university core Fine Arts class students who write reports on Magale concert events, online viewers (both domestic and overseas) of approximately 120 live-streamed concerts/recitals per academic year (In the last 90 days, our live-streamed concerts were viewed by 1807 online audiences in US, Honduras, Colombia, Mexico, Philippines, Japan, Peru, Guatemala, Bahamas, and other countries.), participants of various university seminars/training, participants and online viewers of various university and state level meetings of such institutions as University of Louisiana System, Louisiana Board of Regents, and Louisiana Supreme Court, community event participants/ viewers, and university guest speakers and artists.

**2. Describe the project/ initiative.**

- A. To upgrade the aging hardware equipment for audio/video recording and online live-streaming of over 120 concerts per year and various university/community/state level events in Magale recital hall. Current streaming system was installed in 2017 and based on Windows 7, which is already past the end of support period (Microsoft ended the security update on the system on 2020). The remote-controlled cameras have shown signs of mechanical malfunctions (one of 3 cameras stopped responding to control, and another 1 started to shake uncontrollably when control signal is sent). One of the main recording microphones has started to produce excessive amount of noise. We are currently working with 1 working remote-controlled camera with 2 manual operated camcorders, and main hanging recording microphones were purchased in late 1990s.
- B. To purchase 4 additional LED spotlights to enhance the stage brightness for events in Magale Recital Hall for performers and viewers both on-site and on-line. Our current LED spotlights covers only about 85% of the stage. As the performing group and onstage party grew larger, we need to use the stage all the way to the edges of the space, which current spotlights illuminate insufficiently. In addition, the old lighting control system is not originally designed to handle the newer LED spotlight technology correctly. As the results, some of the spotlights do not always turn on/off as programmed. The new control device will ensure the full and reliable lighting scene changes and is specifically designed to operate the LED spotlight system.

Both of the projects should greatly enhance the CAPA's ability to serve the current NSU students, faculty/staff, community, and beyond, as well as NSU's recruitment/outreach effort and online presence.

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

Objective 1: To enhance Magale Recital Hall's recording/ live streaming capability to serve the needs of NSU student/faculty population, community, university and other institutions, and guest artists/speakers for concerts and events.

Objective 2: To provide adequate corner-to-corner lighting for Magale stage to ensure the quality of video recording and live-streaming, as well as for the performers to be able to see well on stage.

**4. Indicate how each project objective will be evaluated.**

Objective 1: The program of every concert event in Magale Recital Hall are kept electronically at the Department of Music Online Concert Program Depository for the record. The concert recording files are also archived in CAPA Online Recording Archive Storage at the ITS Data Center. Those record counts should provide the number of utilizations of the new recording/lighting devices.

Objective 2: The quality of the audiovisual recording in the CAPA Online Recording Archive as well as the feedback from the performing groups and online viewers should provide the improvement in lighting and production quality.

**5. If funded, which NSTEP objective(s) will this funding of the project advance? How will 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 NSU. – The new video recording/streaming device will certainly improve access to latest multimedia broadcasting technology for all NSU populations.

NSTEP Objective 2: To provide classrooms with updated technology and multimedia. – The new streaming equipment in this kind is the latest technology in internet-based broadcasting. Magale Recital Hall is a classroom for all music students.

NSTEP Objective 4: To improve and proliferate the use of distance education within all colleges at NSU. – Our current live streaming equipment has been used in Magale Recital Hall to broadcast masterclasses, remote interviews, and music coaching to be shared with many distant students and general audiences since its installation in 2017. It was extensively used during the pandemic lockdown to keep the distant education to continue. The new version of the equipment will further enhance the quality and innovation of this type of content delivery.

NSTEP Objective 7: To encourages technology initiatives by faculty, staff, and students.

NSTEP Objective 8: To encourage innovation and research. - The new streaming device is capable of so many more input sources including online meeting software such as ZOOM to be incorporated into the production as well as virtual set. Such advancement should inspire NSU students and faculty to embark on even more creative and

innovative projects such as guest artist masterclass in remote locations or interactive hybrid events between live performer on stage with remote collaborators, for example.

NSTEP Objective 9: To provide and support hardware and software upgrades, new hardware and software for specialized functions, training for technical support personnel. – The proposed streaming equipment is an upgrade of previous version in both software and hardware.

- 6. Provide a justification for funding of this project. Estimate the number of students that will be served per academic year, and in what ways. Please indicate also any unique needs of the target group.**

The new streaming hardware and enhanced spotlights will not only serve the 210 music students, but also will serve all the university core Fine Arts class students who write reports on Magale concert events, online viewers (both domestic and overseas) of approximately 120 live-streamed concerts/recitals per academic year, participants of various university seminars/ training, participants and online viewers of various university and state level meetings of such institutions as University of Louisiana System, Louisiana Board of Regents, and Louisiana Supreme Court, community event participants/ viewers, and university guest speakers and artists.

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

Dr. Masahito Kuroda, Art. D. M. Professor of Music, Sound Technician, Coordinator of Media Recording and Streaming, P.D. and P.I.  
Instructor of Sound Recording Course, 18 years as coordinator of multimedia recording for music department, Oversees the recording and streaming in Magale Recital Hall.

Prof. Andrew Killion, Assistant Professor of Lighting and Sound Design, Department of Theater and Dance, Co-P.I.  
10 years of professional experience as lighting/sound designer in Colorado and Las Vegas.

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

For the streaming device upgrade, the personnel mentioned in the section above is capable of implementing this project. Student workers and graduate assistant(s) who are assigned to the Magale Recital Hall Recording Team will be trained to operate the devices installed.

For the spotlight installation, Mr. Andrew Killion, Assistant Professor of Lighting and Sound Design/ Facilities Manager in Theater Department will help hanging the fixture in place and connecting to the existing lighting control system.

- 9. Provide a schedule for implementation and evaluation.**

December 2022 – January 2023: Proposal funded. PD and Student Tech Support Specialist prepares initial POs. NSU begins purchasing process.

Spring semester 2023: In consultation with the Magale Performance Calendar in the semester, the installation date will be determined. New device will be incorporated to the existing audiovisual recording system, and lighting control system.

After the installation, student workers and graduate assistant(s) will be trained on proper use of equipment. Implementation completed.

**10. Estimate the expected life of hardware and software. Explain any anticipated equipment/software upgrades during the next 5 years.**

According to the manufacturer's website, the current Tricaster (streaming equipment) was sold for 3 years since 2017 and had End of Life and Service was 2021. This suggests this type of streaming equipment has life of approximately 5 years. At that point, replacement purchase plan will be need.

According to Mr. Andrew Killion, the lighting coordinator in Theater Department, LED lighting will become dimmer towards the end of its life, and general life expectancy of this type of lighting is 5 years. At that point, the replacement LED unit compatible to the body of the lighting fixture will be needed to maintain its function and brightness.

**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 you are requesting equipment that will be either/or check out to students, or moved within the department, you must provide checkout/loan policy.**

The streaming device will be permanently installed in the Magale recording booth secured with metal shutter and electronic lock. The lock is opened with FOB key, that is issued only to the faculty recording coordinator, authorized student workers, and ECE media support personnel. The spotlights will be securely bolted to the building structure 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 that is requesting equipment receive lab fees? If so, please provide a justification for requesting funds from tech fee funds over using lab fees from your department.**

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

**13. Attach a detailed budget**

The detailed budget along with the quotes from American AVL, Inc. Monoprice.com, B&H Photo Video & Audio, and 4Wall Entertainment, Inc. are 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.**

Letters of support are attached.

**Budget:**

**VENDOR 1: American AVL – LA Contractor License #23122**

<b>QTY:</b>	<b>BRAND:</b>	<b>MODEL:</b>	<b>DESCRIPTION:</b>	<b>EACH:</b>	<b>EXTENDED:</b>
1	Newtek	TCMXHHDMI	TriCaster Mini X HDMI	7,995.00	7,995.00
1	Newtek	TCTCminiCS	TriCaster TC Mini 4K CS	2,495.00	2,495.00
4	BMD	MIC/SH3G/WPSU	Micro Converter -SDI to HMI 3G	69.00	276.00
4	AIDA	AIDA-PTZ-NDIX20	PTZ-NDIX20 Full HD NDI PTZ Camera	1,100.00	4,400.00
1	AIDA	AIDA-CCU-IP	VISCA Serial &IP PTZ Camera Controller	495.00	495.00
1	Luxul	AMS1208P	12port , POE+ managed switch.	493.33	493.33
1	AAVL	Cables	Cables, connectors and hardware	357.14	357.14
Installation Labor & Site Expenses				2735.00	

**SUB TOTAL:**

19,246.48

**VENDOR 2: Monoprice – LA State Vendor # 200076906**

<b>QTY:</b>	<b>BRAND:</b>	<b>MODEL:</b>	<b>DESCRIPTION:</b>	<b>EACH:</b>	<b>EXTENDED:</b>
4	Stage Right	200WDMXCOB	LED Ellipsoidal Stage Light	439.00	1756.00

**SUB TOTAL:**

1,756.00

**VENDOR 3: 4Wall Entertainment, inc.**

<b>QTY:</b>	<b>BRAND:</b>	<b>DESCRIPTION:</b>	<b>EACH:</b>	<b>EXTENDED:</b>
1	ETCNOMAD	PUCK LIGHTING CONTROLLER KIT, 1,024 OUTPUTS AND RVI	2,974.80	2,974.80
Shipping/Handling				20.00

**SUB TOTAL:**

2,994.80

**VENDOR 4: B&H Photo Video & Audio**

<b>QTY:</b>	<b>BRAND:</b>	<b>DESCRIPTION:</b>	<b>EACH:</b>	<b>EXTENDED:</b>
1	RODE	Rode NT5 Cardioid Studio Condenser Microphones (Matched Pair)	429.00	429.00

TAX:

42.69

**SUB TOTAL:**

471.69

**GRAND TOTAL:**

24,468.97



Integrated Audio-Video-Lighting Systems  
[www.AmericanAVL.com](http://www.AmericanAVL.com)

# QUOTE

2022L #1104JG01  
 Date: 11/11/22  
 LA Contractor License #23122

Regional Office Simpsonville, SC  
 Main Office P.O. Box 1719 - Ruston, LA 71273 - (318) 251-0290 - Fax (318) 255-3363

Proposal submitted to: <b>Northwestern State University</b> 175 Sam Sibley Dr Natchitoches, LA 71497	<b>Project Reference</b> School of Creative and Performing Arts <b>System Description:</b> Tricaster Replacement
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QTY.	BRAND	MODEL	DESCRIPTION	EACH	EXTENDED
<b>Tricaster Mini X</b>					
1	Newtek	TCMXHDMI	TriCaster Mini X HDMI	7,995.00	7,995.00
1	Newtek	TCTCMiniCS	TriCaster TC Mini 4K CS	2,495.00	2,495.00
4	BMD	MIC/SH3G/WPSU	Micro Converter - SDI to HDMI 3G with Power Supply	69.00	276.00
4	Aida	PTZNDIX20	NDI, 20X, Full HD broadcast PTZ camera	1,100.00	4,400.00
1	Aida	CCU-IP	Visca serial and IP camera controller	495.00	495.00
1	Luxul	AMS1208P	12 port, POE+ managed switch	493.33	493.33
1	AAVL	Cables	Cables, connectors and mounting hardware	357.14	357.14

Micro converters are not necessary for NDI operation - they can be very beneficial when using the Tricaster with cameras that are HDMI output and need to be extended via SDI cable.

SALESPERSON <b>James Green</b>	Equipment Sub-Total	\$16,511.48
	Estimated Sales Tax	0.00%
	Installation Labor & Site Expenses	2,735.00
	Freight	
<b>This quote is valid for 30 days.</b>	<b>TOTAL</b>	<b>\$19,246.48</b>
<i>Deposit of 50% required. Net due on delivery of equipment. Other terms available by prior approval.</i>		
<b>NOTE: QUOTE DOES NOT INCLUDE ANY ALLOWANCE FOR ELECTRICAL OR CABINET WORK UNLESS NOTED ABOVE.</b>		
Sign here (or attach PO) if you accept the terms of this quotation>	Date:	





# Quote Sheet

Quote Expires 11/16/2022

## Quote NO. / C1184405470

Date Issued / 02 November 2022  
 Sales Person / Sales  
 Sales Person Email / sales@monoprice.com  
 Expires / 16 November 2022 01:53 PM  
 FOB / FOB Monoprice

## Issued To:

Dr.MasahitoKuroda NorthwesternStateUniversity  
 Ph:  
 kurodam@nsula.edu  
 Ship To:

## From:

Monoprice Incorporated  
 11701 6th Street  
 Rancho Cucamonga, CA 91730  
 T: (877) 271-2592 F: (909) 989-0078

## Wire Banking Information:

Beneficiary Name: Monoprice, Inc.  
 Bank Name: Bank of America  
 Account Number: 4850 0874 2493  
 ACH Routing No. 323070380  
 Wire Routing No. 026009593  
 SWIFT Code: BOFAUS3N (USD Transactions)

ITEM	QTY	PRICE	AMOUNT
<b>Stage Right by Monoprice 200W DMX COB LED Ellipsoidal Stage Light White 3200K 26-degree Spotlight</b>			TOTAL \$1,759.96
Product #: 612751	4	\$439.99	\$1,759.96
Weight: 83.68 lbs			
		Subtotal:	\$1,759.96
		TOTAL	\$1,759.96

\* Shipping cost & tax are not included in the above subtotal.

Estimated Tax, Promotional Pricing, and Inventory are not guaranteed and are subject to change.



# SALES QUOTE

No: T173456

Date: 08/10/2022

4WALL ENTERTAINMENT, INC  
820 COWAN ST  
NASHVILLE, TN 37207 United States  
Phone: (615) 453-2332

Description: ETCNOMAD PUCK  
Customer: CASH OTHER STATES  
Deal: CASH OTHER STATES  
PO No: PENDING

Agent: MATT DIEDRICH  
Email: mdiedrich@4wall.com  
Phone:

Start Date: 08/10/2022  
Terms: PREPAY  
Billing Cycle: IMMEDIATE

### Issued To

United States

### Outgoing (SHIP)

Location: NORTHWESTERN STATE UNIVERSITY  
Attention: ANDREW KILLION  
175 SAM SIBLEY DR  
NATCHITOCHE, LA 71497 United States

## SALES

I-Code	Description	Qty.	Unit	Price	Extended
203435	ETCNOMAD PUCK LIGHTING CONTROLLER KIT, 1,024 OUTPUTS AND RVI	1	EA	2,974.80	2,974.80
<b>SALES Period Total</b>					<b>\$ 2,974.80</b>

## MISCELLANEOUS

I-Code	Description	Qty.	Weeks	Price	Extended
NS-FEDXGR	DELIVERY NEW SALES FEDX GROUND	1	1.00	20.00	20.00
<b>MISCELLANEOUS Period Total</b>					<b>\$ 20.00</b>

**Period Grand Total \$ 2,994.80**

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Free Expedited Shipping\* to Natchitoches ▾

Extended Returns thru Feb 1, 2023 ▾

Free Expedited Shipping to NATCHITOCHEs On This Order

Extended Returns thru Feb 01, 2023\*

# MY CART

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Remove All

Email

Print



Save the Tax with the B&H payboo® Credit Card on orders shipped to 71457

Current Total	\$471.69
Payboo Card Savings	<del>\$42.69</del>
Cost After Savings	\$429.00

Learn

## Estimated Shipping & Tax ⓘ

NYC SuperStore Pickup

See Details

UNITED STATES ▾

Zip Code 71457 ✓

Eligible for FREE Shipping



Rode NT5 Cardioid Studio Condenser Microphones (Matched Pair)

B&H #RONT5 | MFR #NT5 MATCHED PAIR

Free Expedited Shipping

In Stock

Ready to Ship

1

\$429.00

Accessories

Available Savings



Protection Plans starting at \$59.99

See Options

Save for Later Remove

Item Total: \$429.00

Subtotal: \$429.00

Shipping: FREE

Est. Tax ⓘ: \$42.69

Total: \$471.69

6 Mos. Promo Financing Available with Payboo®

Begin Checkout

rayra

## Saved for Later

Stash ideas here, commitment-free!

Any items you "Save for Later" will appear here

**Terms and Conditions:**

Terms and Conditions

Please note the following regarding this sales quote.

- Items are offered per manufacturer's specification regardless of any other specifications. Any requirements for customization or third party certification will be billed additional.
- Permitting, engineering, and installation are not included.
- All other accessories are an additional cost and are not included in this quote.
- Standard Equipment (not custom or made to order) may be returned up to 48 hours after delivery. Refunds to be provided as store credit. Re-stocking fees may apply.
- Prices are itemized for convenience only. This does not constitute an offer to sell less than lot.
- Prices are predicated on quantities listed only.
- This is a quote for the purchase of new equipment. Price does not reflect applicable sales tax unless otherwise noted. All new equipment is subject to availability and lead times. Pre-payment is required unless terms are established with our credit department.
- Pricing is valid for 14 days.
- Shipping charges are additional and have not been included in the purchase price, unless otherwise noted.
- Sales tax is additional and has not been included in the purchase price, unless otherwise noted.
- Items may ship from multiple locations.
- This proposal, its contents, and all related documentation generated by 4Wall Entertainment are confidential and shall not be disclosed to third parties.

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Signature

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Date

# NORTHWESTERN STATE

## Office of The Provost

To: Student Tech Fee Committee  
From: Dr. Greg Handel, Provost and Vice President of Academic Affairs  
Re: Music/CAPA Student Technology and Fee Grant  
Date: November 2, 2022

I would like to express my strong support for the initiative “Upgrading Recording/Streaming/Lighting Equipment in Magale Recital Hall” prepared by Dr. Masahito Kuroda, Professor of Euphonium-Tuba, Coordinator of Media Recording & Streaming in CAPA for its strong potential contribution to. The initiative seeks to (1) enhance the quality of audiovisual production for CAPA and NSU by replacing the aging equipment, (2) improve lighting capability for various NSU and state level events and concerts, and (3) university’s outreach effort/recruitment/online presence for both within US and abroad.

The current recording/streaming equipment was installed in 2017 and is nearing the end of its support period. Several pieces of equipment are already indicating that they are ready to fail at any moment. Using the newer version of the equipment will allow NSU to include innovative projects not only for the NSU population, but also community and state-level events held by institutions such as the University of Louisiana System, Louisiana Board of Regents, and Louisiana Supreme Court.

Improved lighting will ensure the appropriate brightness and control that is necessary for delivering those professional events in the highest quality possible.

Likewise, NSU’s outreach effort in recruitment as well as online presence will greatly improve with the upgraded system. According to statistics, the current system produced streaming programs with viewer counts exceeding 1800 in the last 90 days from all around the world. This includes the United States, Honduras, Colombia, Mexico, the Philippines, Japan, Peru, Guatemala, the Bahamas, and other countries. It has become one of the most effective ways NSU can reach potential students in the future, as well as alumni, family members and supporters.

Various university and non-university events broadcast from Magale Recital Hall, and the upgrades will ensure the best possible user experience.

I support this initiative wholeheartedly and remain grateful for the support of the tech. grant committee in supporting the School of Creative and Performing Arts.

EST 1884

**III NORTHWESTERN STATE**

**Office of The Provost**

Sincerely,

A handwritten signature in black ink that reads "Greg A. Handel". The signature is fluid and cursive, with the first name "Greg" being the most prominent.

Greg Handel  
Provost & Vice President of Academic Affairs  
Dean of the Graduate School  
Professor of Music Education

**EST 1884**



# NORTHWESTERN STATE COLLEGE OF ARTS AND SCIENCES

November 10, 2022

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 upgrading the streaming, recording, and lighting equipment in the hall. 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 as well as perpetuate our University's exposure across the globe as our livestreaming events have been viewed in Honduras, Colombia, Mexico, Philippines, Japan, Peru, Guatemala, Bahamas, and others in the last 90 days.

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.

Dean of the College of Arts and Sciences

Professor of Biology

Northwestern State University of Louisiana

Natchitoches, LA 71497

Phone (318)357-5805

Fax (318)357-4255

Email [lemoinef@nsula.edu](mailto:lemoinef@nsula.edu)

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**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

To: Jennifer Long  
Student Technology Fee Grants Supervisor

From: Scott Burrell  
Director, School of Creative and Performing Arts

Date: November 3, 2022

RE: Magale Recital Hall Streaming Equipment/Additional Stage Lights

The NSU Music Program is submitting a request for technology to be funded through Student Technology Fee Grants. I concur with the need for the equipment specified.

Please consider the Program's request for funds to purchase much needed equipment for NSU's Magale Recital Hall as it is a performance space that serves both the NSU and Natchitoches communities. As well, the space serves a dual purpose serving as a classroom space when not in use as performance venue. The requested technology will provide students, faculty and staff better technology to present performances to audiences who wish to view through "live streaming". Because many of CAPA's students come from long distances (or even other countries), the ability to live stream productions has allowed student's family and friends to view Music Program performances from many miles away. The addition of the requested lighting instruments will provide a brighter stage area allowing for a better recording process.

Thank you very much for your time and consideration of this grant proposal, and your continued support of the Northwestern Music Program and Northwestern State University.

Sincerely,

Scott Burrell  
Director, NSU School of Creative and Performing Arts





Terrie S. Sanders, Department Head of Music  
Northwestern State University  
School of Creative and Performing Arts  
140 Central Ave STE 110  
Natchitoches, LA 71457

11/3/2022

To whom it may concern:

I am writing this letter in support of the request for technology funding through the Student Technology Fee Grants for equipment in Magale Recital Hall. I agree with Dr. Masahito's justification for this proposal and confirm that this equipment will benefit both NSU, the Natchitoches community, and beyond.

Magale Recital Hall is a space used by many individuals and groups in the School of Creative and Performing Arts as well as groups and departments outside of CAPA. It is the primary space for all concerts and has the seating capacity to provide classroom space for the largest classes in music. The technology and lighting requested will provide "live streaming" and recordings for both concerts and classrooms.

High quality streaming capability will provide greater access to not only students and faculty, but to the Natchitoches community. Additionally, our reach can continue to extend beyond to parents of current students and potential students. This "live streaming" service has been an incredibly significant recruiting tool for CAPA and NSU. Our global reach will be tremendously impacted by this technology and allow us to continue to connect with potential international students and their families.

Thank you for considering this proposal and for your support of the Music Department at NSU. We hope to continue to provide quality products to the entire NSU campus and the community.

Sincerely,

**Terrie Sanders** Digitally signed by Terrie Sanders  
Date: 2022.11.03 16:47:20 -05'00'

(Signature)

Terrie S. Sanders, Associate Professor of Voice  
Department Head of Music  
sanderst@nsula.edu