



STUDENT TECHNOLOGY FEE GRANT PROPOSAL REQUEST FORM FISCAL YEAR 2023-24

ALL BLANKS MUST BE FILLED COMPLETELY

Prepared by: _____ for _____

Department/Unit: _____ College: _____ Campus: _____

Which **NSTEP Goals/Objectives** does this project meet? _____

Requested equipment will be located/installed/housed? Bldg _____ Room _____

Does the department receive lab fees? YES NO

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

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

Signature: _____ Date: _____

Proposal Requested Amount: _____ Budget Attached: YES NO

Email completed request to Chris Brumley at brumleyc@nsula.edu

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 mounts 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.

- Grant applications must be submitted by November 16th at 4:00 pm
- Funding decisions will be made during the month of December 2023
- If your grant is approved by STAT, you will be informed via email

STUDENT TECHNOLOGY FEE GRANT PROPOSAL REQUEST FORM GUIDELINES

The proposal must include all specifications, descriptions, model numbers, quotations, cost, state contract numbers, and vendors for each item. If the proposal does not include all requested information, it will be returned.

1. Describe target audience.
2. Describe project/initiative for which you are requesting funds.
3. State measurable objective that will be used to determine the impact/effectiveness of the project.
4. Indicate how each project objective will be evaluated.
5. If funded, which **NSTEP objective(s)** will funding of this project advance? How will funding of the project advance the University and College/unit technology plan?
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.
7. List those individuals who will be responsible for the implementation of the project/initiative and indicate their demonstrated abilities to accomplish the objectives of the project.
8. Describe any personnel (technical or otherwise) required to support the project/initiative.
9. Provide a schedule for the implementation and evaluation.
10. Estimate the expected life of hardware and software. Explain any anticipated equipment/software upgrades during the next five (5) years.
11. Explain in detail a plan and policy that will be in place to ensure property security/controls for any equipment received through the Student Technology Fee. If you are requesting equipment that will either be checked out to students or moved within the department, you must provide a checkout/loan policy.
12. Does the department that is requesting equipment receive lab fees? If so, please provide a justification for requesting funds from the Student Technology Fee over using lab fees from your department.
13. Attach a detailed budget.
14. Attach two (2) letters of support for the project from the following individuals: the requesting department's Dean, the appropriate Vice President or student request, the SGA President from the requesting campus.

1. Describe target audience.

-Theatre & Dance Majors and Minors are the primary target audience, especially those earning a BFA in Production and Design. Students will use the equipment for classes, shows and professional development. (Approximately 120 students)

-Secondary target audience would be student groups, organizations and the entire NSU student community that participate in seeing our shows, as well as host a myriad of events in our venues. These events range from:

- N-Side View
- Freshman Connection
- Lady of the Bracelet
- BFA in Dance, BS in Theatre with concentrations in performance and directing and musical theatre (75)
- Student Organizations, this ranges from our in-house organization (Student Theatre Organization – 50) to the multiple fraternities and sororities that host their events in the venues.
- Athletes taking summer theatre (20)
- Any students who reserve the space for numerous school functions
- Recruitment events and conferences
- Workshops and Master Classes (200)
- Summer Camps such as Band Camp, Theatre Camp & Dance Camp
- Community Outreach
- Guest Artists

These lights could be utilized in a number of classes in our department:

- THEA2370 DRAFTING
- THEA4430 LIGHT DESIGN
- THEA2330 STAGECRAFT II
- THEA4600 TECHNICAL PRODUCTION
- THEA3240 SCENIC PAINTING
- THEA 3250 STAGE RIGGING
- THEA4540 PORTFOLIO AND CAREER MANAGEMENT
- VECTORWORKS
- APPLIED THEATRE
- THEA2300 INTRO TO THEATRE
- THEA2310 STAGECRAFT I
- THEA4270 SPECIAL PROBLEMS IN PRODUCTION AND DESIGN
- THEA4480 SCRIPT ANALYSIS
- THEA3300 SUMMER THEATRE WORKSHOP
- THEA3350 MAKE UP
- THEA2140 CONCEPTS OF DESIGN (2 SECTIONS)
- THEA3330 LIGHTING FOR THE STAGE

2. Describe project/initiative for which you are requesting funds.

To replace the obsolete moving lighting fixtures that we own here at Northwestern State University. The ones we currently use have several issues that stem from them being almost 20 years old.

Potential instruments (Elation Fuze Spot)

- Currently used in the industry
- LED
- 3 year warranty
- Twice as bright
- Well reviewed by industry professionals

Current Instruments (VariLite 1000 TS):

- Were made in 2004
- Parts for repairs are becoming harder and harder to get.
- Use 1000 watt incandescent lamps, therefore are extremely power hungry
- Are obsolete in the lighting industry

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

- Improve the dance and theatre curriculum, and the technology available to them.
- Bolster our recruiting prospects by having specific technology that is being used and innovated in the professional field.
- Improve our students' education, broaden their production experience, and make our students more competitive in the job market.

4. Indicate how each project objective will be evaluated.

The objectives listed above will be evaluated in these ways:

- By the equipment's use in the classroom.
- By the equipment being utilized for student and school events.
- Students utilizing the equipment for classes, shows, and other school related functions.
- By the quality of design work that this equipment will elevate the shows to.
- By the number of prospective students interested in the technology being used in conjunction with dance and theatre.

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

- Objective 1. Improve access to technology by students, faculty, and staff at Northwestern State University – This equipment will give students, faculty and staff access to current and new technology.
- Objective 2. Provide classrooms with updated technology and multimedia – This technology and equipment will be used for 18 courses, rehearsals, majors & minors looking to create design elements to enhance their professional portfolio, the department as a whole to create professional shows.
- Objective 3. To upgrade laboratories with modern technology. This will improve the technology to modern utilization rather than the archaic technology we still rely on.
- Objective 8. To encourage innovation and research – Students will be given the opportunity to create better designs and utilize this equipment in an actual show

environment. Instead of using it in class only, they will also be applying the technology usage in every show in a profession application.

- Objective 9. To maintain support of hardware and software upgrades, new hardware and software for specialized functions, and training technical support personnel – The new equipment will offer fresh opportunities for students to create endless possibilities of artistic work.
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.
 - We currently utilize technology that cannot be updated or repaired. If it should fail, there are no backups that will not utilize considerable time and resources.
 - Directly, this will affect all majors and minors in the Theatre and Dance and Music departments. (300 students)
 - Indirectly this will affect every student who comes to A.A. Fredericks. Whether as a freshman through N-Side View or a student event such as Lady of The Bracelet it allows us to elevate all events. We serve the entire student body in this venue and I wouldn't be surprised if we didn't reach over 5000 students yearly.
 7. Describe any personnel (technical or otherwise) required to support the project/initiative.
 - Andrew Killion- will be responsible for implementing these lights into all lighting and sound classes as well as all lighting and sound needs for each production and outside event.
 - Will Sawyer- will be responsible for implementing these lights into all scenic design and painting classes as well as scenic design, scenic painting, production and outside events.
 - Robert Richoux – Will be responsible for implementing these lights into all technical classes as well as rigging, installation, and hanging needs for shows and outside events.
 - All faculty members hold terminal degrees in their areas of technical Dance and Theatre which certifies their competency.
 8. Describe any personnel (technical or otherwise) required to support the project/initiative.
 - No additional personnel are needed for this project.
 9. Provide a schedule for implementation and evaluation.
 - Implementation
 - January 2023 – Order Equipment
 - February 2023 – Install Equipment and make sure it is ready for use in all classes & shows.
 - Evaluation:
 - Students using the new equipment for classes will be observed through their course work throughout the semester
 - Students using the equipment for any productions will be assisted and monitored
 - Students using the equipment to update their portfolios will be guided and mentored during the process.
 10. Estimate the expected life of hardware and software. Explain any anticipated equipment/software upgrades during the next five (5) years.

Student Technology Fee
Grant Proposal Request 23-24
Andy Killion

- Expected life is 5 to 10 years, the led components are rated at 10 years
- Software updates as needed, but are available for free from the company’s website for the product (usually happen yearly)
- Warranty period three years

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

- When not in use the equipment will be locked away in the sound storage in A.A. Freds.
- If moved within the department, a waiver form will be required where the borrowing party will be held responsible for any damages and repairs that the fixture may need.

12. Does the department that is requesting equipment receive lab fees? If so, please provide a justification for requesting funds from the Student Technology Fee over using lab fees from your department.

- The Theatre and Dance Department receives lab fees, but they are used for building material, hardware, supplies for classes, paint, and other resources needed for our diverse classes. There is not enough money in fees to cover the equipment being covered for in this grant application.

13. Attach a detailed budget.

Items for purchase with grant money	Description	Amount	Cost
ELATION FUZE SPOT, 305W RGBMA FULL COLOR SPECTRUM LED SPOT	LED Theatrical Moving Light	4	\$3,100
Shipping & Handling			\$220
	Total		\$12,620.00

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

NORTHWESTERN STATE

Office of The Provost

November 13, 2023

Dear Committee Members:

It is with great pleasure that I provide this letter of support for the Student Technology Fee Grant submitted by Mr. Andy Killion of the Department of Theatre and Dance at Northwestern State University. The Department of Theatre and Dance is an integral part of our Mrs. H.D. Dear, Sr. and Alice. E. Dear School of Creative and Performing Arts which is the center of excellence in the education of future artists and craftsmen in our state, region, and nation.

The lighting equipment requested in this proposal will enhance the experience of productions/events held in Theatre West and AA Fredricks Auditorium, two performance spaces on the Natchitoches Campus of Northwestern State University. These improvements will improve the quality of the experience for our student performers as well as our audience members who are not only all students of Northwestern State but also our community patrons, a major an essential stakeholder for our University. In addition to these important impacts, the requested equipment will provide our technical theatre students with the opportunity to learn to use state of the art equipment that is industry standards with which they will be required to work after graduation. This will enhance their learning and educational experiences and make them more attractive applicants when joining the workforce.

At some point, every student at NSU, and many visitors from our surrounding communities, will have, participate in, or attend some sort of event in A.A. Fredericks and Theatre West, whether in a show, through NSU Christmas GALA, Greek Life, Freshman Connection, First Year Experience or N-Side view, or any other various events held in our facilities. We are trying to update the equipment so that every event can have access to modern technology to make their time at NSU better.

It is with these points in mind that I provide my enthusiastic support for the Student Technology proposal. The awarding of this funding will enhance the Department of Theatre an Dance and the Dear School of Creative and Performing Arts and expand the arts education and experience of all students at Northwestern State University. IF you have any questions regarding this letter or my support of this proposal, please do not hesitate to contact me.

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NORTHWESTERN STATE

Office of The Provost

As Provost and Vice President of Academic Affairs, I offer my full support of this application, and I remain very grateful to Student Tech Fee Committee for its continued support of educational programs here at NSU.

Sincerely,




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

EST 1884

NORTHWESTERN STATE
COLLEGE of 
ARTS & SCIENCES

MEMORANDUM

Date: November 13, 2023

From: Francene J Lemoine 
Dean, College of Arts and Sciences

To: Student Technology Fee Grant Committee

Re: Letter of Support for Andrew Killion's Grant Application

Committee Members,

It is with great pleasure that I provide this letter of support for the Student Technology Fee Grant submitted by Mr. Andrew Killion of the Department of Theatre and Dance at Northwestern State University. The Department of Theatre and Dance is an integral part of our Dear School of Creative and Performing Arts which has been recognized by the University of Louisiana System as a center of excellence in the education of future artists and craftsmen in our state, region, and nation.

The lighting equipment requested in this proposal will enhance the experience of productions/events held in Theatre West and AA Fredricks Auditorium, two performance spaces on the Natchitoches campus of Northwestern State University. These improvements will improve the quality of the experience for our student performers as well as our audience members who are not only all students of Northwestern State but also our community patrons, a major and essential stakeholder for our University. In addition to these important impacts, the requested equipment will provide our technical theatre students with the opportunity to learn while using state of the art equipment that is industry standards with which they will be required to work after graduation. This will enhance their learning and educational experiences and make them more attractive applicants when joining the workforce.

It is with these points in mind that I provide my enthusiastic support for Mr. Killion's student technology fee grant proposal. The awarding of this funding will enhance the Department of Theatre and Dance and the Dear School of Creative and Performing Arts and expand the arts education and experience of all students at Northwestern State University. If you have any questions regarding this letter or my support of this proposal, please do not hesitate to contact me. Thank you for your continued support.

FUZE SPOT



The FUZE SPOT™ is an automated LED spot fixture designed for theater, television and a wide array of other precision lighting applications. The 92 CRI engine utilizes a 5-color homogenized LED array consisting of Red, Green, Blue, Mint, and Amber sources. The carefully tuned LEDs ensures accurate color reproduction while delivering a powerful output of over 10,000 lumens. Virtual color temperature, Magenta / Green adjustment plus CMY emulation provide the designer with immediate access to the impressive LED color array.

The FUZE SPOT is designed for any application where an automated ellipsoidal fixture with outstanding and impactful color range and quality is required. Dual rotating gobo wheels, animation wheel, frost, prism and iris round out its comprehensive feature set in a compact, quiet and lightweight fixture.

FEATURES

305W 6,500K 92CRI RGBMA LED Engine

10,000+ Total Lumen Fixture Output

7° to 42° Wide Zoom Range

Extended RGBMA Color Array and CMY Emulation

Virtual Color Correction and Gel Swatch Book

2 Gobo Wheels

Rotating / Indexing Interchangeable Glass Gobos

Animation Wheel

Variable Frost Filter, Motorized Iris, 4-Facet Prism

DMX Adjustable LED Refresh Rate Frequency

Hibernation Mode (Power Save)

Attachable 2-inch Snoot Included

Specifications subject to change without notice ©Elation Professional 10/09/20

Elation Professional USA | 6122 S. Eastern Ave. | Los Angeles, CA. 90040
323-582-3322 | 323-832-9142 fax | www.elationlighting.com | info@elationlighting.com

Elation Professional B.V. | Junostraat 2 | 6468 EW Kerkrade, The Netherlands
+31 45 546 85 66 | +31 45 546 85 96 fax | www.elationlighting.eu | info@elationlighting.eu



Shown with included Snoot

SPECIFICATIONS

SOURCE

305W 6,500K RGBMA LED Engine
30,000 Hour Average LED Life*

*Test lab conditions. May vary depending on several factors including but not limited to:
Environmental Conditions, Power/Voltage, Usage Patterns (On-Off Cycling), Control, Dimming, and Lamp Mode.

PHOTOMETRIC DATA

10,100+ Total Lumen Output
CRI 92

Zoom Range 7° - 42°
Beam Angle 7.5° - 39.9°
Field Angle 8.6° - 44.2°

EFFECTS

Motorized Zoom
Variable Frost Filter
4-Facet Prism
Motorized Iris
Variable 16-bit Dimming Curve Modes
High Speed Electronic Shutter and Strobe

COLOR

Extended RGBMA Color Aray
CMY Emulation
Virtual Color Correction
Green/Magenta Shift
Virtual Gel Swatch Book

GOBOS

2x 6 Rotating / Indexing Interchangeable Glass Gobos
Gobos
Animation Wheel

CONTROL / CONNECTIONS

4 DMX Channel Modes (RGBMA 31 / 41) (CMY 29 / 37)
16-bit Pan, Tilt, and Dimming Control
DMX Adjustable LED Frequency
DMX, RDM Protocol Support
4 Button Touch Control Panel
Full Color 180° Reversible LCD Menu Display
Locking 5pin XLR Connector In/Out
IP65 Locking Power Connector In/Out
With Wired Digital Communication Network

SIZE / WEIGHT

Length: 16.0" (407mm)
Width: 10.1" (256mm)
Vertical Height: 27.48" (698mm)
Weight: 46.3 lbs (21 kg)

ELECTRICAL / THERMAL

AC 100-240V - 50/60Hz
466 Max Power Consumption
14°F to 113°F (-10°C to 45°C)
BTU/hr (+/- 10%) 1589.06

APPROVALS / RATINGS

CE | cETLus | IP20



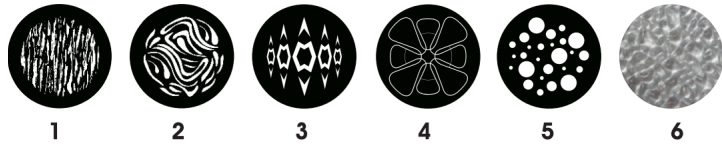
ORDERING INFORMATION

FUZZ296

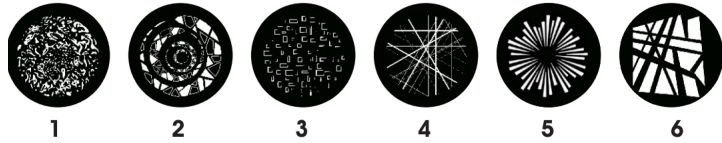
FUZE SPOT

GOBOS | ANIMATION

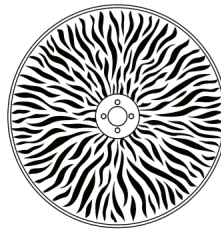
INTERCHANGEABLE-ROTATING GLASS GOBO WHEEL 1



INTERCHANGEABLE-ROTATING GLASS GOBO WHEEL 2



ANIMATION WHEEL



DIMENSIONAL DRAWINGS

