

FY2016 Learning Technologies Grants Proposal
(COVER PAGE)

Project Information

The UGA One Button Studio: Video Made Easy
Project Title

Melinda J Pethel
Project Director

College of Family and Consumer Sciences, Dean's Office
Requesting Department

\$9987.25
Amount Requested (≤\$25,000)

Melinda J. Pethel
Project Director's Signature

Proposal Endorsement Signatures

Mark Ellish
Department Head

Stacy Lane
Dean

Proposal Abstract (100-word maximum)

The UGA One Button Studio is a pre-programmed, streamlined video recording studio that provides a space for users to record presentations with virtually no learning curve. Users need only bring a flash drive. Inserting the drive activates the system, turns on the camera and studio lights. Pressing the button triggers the recording session. The studio can be used for practicing presentations for class, conducting a mock job interview or creating a video for a flipped classroom. We wish to empower faculty and students to create their own high-quality online content without the need of assistance or intervention by staff.

The UGA One-Button Recording Studio

Section I. Project Description

The UGA One Button Studio is a simplified video recording setup that can be used by students or faculty without any prior video production knowledge. The design of the studio allows you to create high quality and polished video projects without knowing anything about lights and cameras. You only need to bring your flash drive with you and press a single button. The Studio design is the brainchild of Justin Miller at Penn State University. During its first year of implementation on that campus, it was used by more than 4,700 students (Eble, Jacobs, & Struble, 2014). To date they have placed more than 14 of these studios across their campuses and 100 colleges and universities across the country have used their model to implement their own. In 2014, the American Library Association's Office for Information Technology Policy named Penn State's One Button Studio as a Cutting Edge Service (Grigor, 2014). This solution drastically simplifies video production workflow by removing time-consuming steps, such as setting up lights, downloading and converting footage, reducing the need for specialized personnel, and removing many of the hurdles that make lecturers and students hesitant to utilize video technology.

We anticipate that undergraduate and graduate students may use the studio to:

- Practice public speaking skills,
- Rehearse for class presentations,
- Create ePortfolio components or video essays,
- Use the green screen to create visual effects, or even
- Rehearse for thesis or dissertation defense.

Some uses that we anticipate for faculty are:

- Creating demonstration modules,
- Recording their lecture when travel is required,
- Introducing themselves to an online class, or
- Creating modules for a flipped classroom.

It is our hope that removing the barriers to using the technology will allow them to become more creative in how the technology is used.

The One Button Studio Cabinet



(The One Button Studio: Equipment Guide, n.d.)

Section II. Budget and Timeline

Equipment required to implement the One Button Studio are listed below.

ITEM	Quantity	Unit Cost	Total Cost	Requested from LTG	Provided by Other Sources
Rode NTG-2 Battery or Phantom Powered Condenser Shotgun Microphone	1	\$ 224.00	\$ 224.00	\$ 224.00	
Audio-Technica AT8313-25 XLR - XLRM Balanced Microphone Cable 25' (7.6 m)	1	\$ 14.22	\$ 14.22	\$ 14.22	
Behringer XENYX 502 5-Channel Compact Audio Mixer	1	\$ 44.99	\$ 44.99	\$ 44.99	
Hosa Technology Stereo Mini Male to Stereo 1/4" Male Cable - 10'	1	\$ 3.99	\$ 3.99	\$ 3.99	
Blackmagic Design H.264 PRO Recorder	1	\$ 470.00	\$ 470.00	\$ 470.00	
Mac Mini	1	\$ 799.00	\$ 799.00	\$ 799.00	
Indigo Software (light control)	1	\$ 99.95	\$ 99.95	\$ 99.95	
USB Hub	1	\$ 16.95	\$ 16.95	\$ 16.95	
USB Cable	1	\$ 3.09	\$ 3.09	\$ 3.09	
Dell P2213 Computer Monitor	1	\$ 209.81	\$ 209.81	\$ 209.81	
ReflecMedia 58mm adapter	1	\$ 63.00	\$ 63.00	\$ 63.00	
Powermate USB button	1	\$ 44.99	\$ 44.99	\$ 44.99	
Surge Protector	1	\$ 37.99	\$ 37.99	\$ 37.99	
Genaray SpectroLED-14 Three Light Kit	1	\$ 758.82	\$ 758.82	\$ 758.82	
Smart Home light switches	4	\$ 199.96	\$ 799.84	\$ 799.84	
PowerLinc Modem - INSTEON USB Interface (Dual-Band)	1	\$ 69.99	\$ 69.99	\$ 69.99	
Canon VIXIA HF Camcorder	1	\$ 849.00	\$ 849.00	\$ 849.00	
Adjustable Arm	1	\$ 128.48	\$ 128.48	\$ 128.48	
C-Clamp	1	\$ 39.85	\$ 39.85	\$ 39.85	
Arm Adapter	1	\$ 12.00	\$ 12.00	\$ 12.00	
Mole-Richardson Scissor Hook Cable Adapter	1	\$ 19.95	\$ 19.95	\$ 19.95	
Arri Ceiling Scissor Clamp with 5/8" Stud	4	\$ 61.60	\$ 246.40	\$ 246.40	
Manfrotto 16 mm Female Adapter with 3/8" Screw and 80 mm Disc	1	\$ 19.95	\$ 19.95	\$ 19.95	
HDMI Cable	1	\$ 9.95	\$ 9.95	\$ 9.95	

Cabinet	1	\$ 700.00	\$ 700.00	\$ 700.00	
Projector pipe	1	\$ 94.59	\$ 94.59	\$ 94.59	
Pearstone DUSM-1 Universal Shock Mount for Camera Shoes and Boompoles	1	\$ 49.95	\$ 49.95	\$ 49.95	
Apple Thunderbolt to Gigabit Ethernet Adapter	1	\$ 29.00	\$ 29.00	\$ 29.00	
Reflecmedia RM 1125DS 8.0 x 8.0' Deskshoot Lite with Small Dual LiteRing and Controller Kit	1	\$ 1,727.50	\$ 1,727.50	\$ 1,727.50	
Epson Powerlite Pro	1	\$ 2,164.13	\$ 2,164.13		\$ 2,164.13
Presentation PC and monitor	1	\$ 965.00	\$ 965.00	\$ 965.00	
Studio Equipment Total			\$ 9,751.38	\$ 7,587.25	\$ 2,164.13
UGA Facilities Maintenance		\$ 2,400.00			
Total Cost			\$ 12,151.38	\$ 9,987.25	

Project Timeline

Date	Objective	Person(s) Responsible
05/15	Obtain funding	Pethel / S. Giraud
06/15	Baseline data	Pethel/CTL/Giraud
06/15-07/15	Locate room for studio	Pethel/CTL/Giraud
07/15	Facilities maintenance for electrical in room	Pethel/FMD
07/15	Order equipment	Pethel/CTL/D. Cartee
08/15	Add equipment to studio	Pethel/CTL/OTIS
08/15	Test studio	Pethel/CTL
08/15-09/15	Studio Grand Opening	Pethel/Giraud/CTL/ALL
09/15-12/15	Data Collection	Pethel/Giraud/CTL
Holiday Break	Studio Maintenance	Pethel/OTIS
02/16	Progress Report Due	Pethel/Giraud/CTL
01/16-05/16	Data Collection	Pethel/Giraud/CTL
06/16	Summative Report	Pethel/Giraud/CTL

Section III. Learning Outcomes

- We expect to see an increase in the number of instructors utilizing video in their eLC classroom spaces over the first two semesters based on self-report data via survey.
- We would also like to determine if faculty will have a more positive attitude about interacting with technology after using the studio.

- We want to capture data from the studio to determine how the students are using it.

We will initially have a grand opening of the Studio with a full demonstration of its capabilities and a chance to have low-stakes, hands-on experience with the equipment. We will utilize ads on our digital signage systems as well as announcements in Administrative Cabinet and department faculty meetings. We also plan to have 2 or more brown-bag seminars to suggest ways that faculty can incorporate student's use of video in their courses.

Our primary contact with undergraduate students will be through the FACS student organizations, the Student Success and Advising Office and the instructors or TAs. We would like to partner with Career Services to make sure that any student preparing to graduate or ready to interview for jobs or internships is aware of the studio resource.

We will collect information about the user, department, classification and use of video when the reservation is made to use the room. First-time users will receive a survey via email requesting feedback on their experience using the facilities and any suggestions they might have for modifications.

Section IV. Support Plan

If the project is successful, we do not anticipate any additional ongoing cost other than replacement of bulbs in the studio lights. General upkeep of the computers can be done by existing personnel.

Section V. Reference List

Eble, J., Jacobs, K., & Struble, J. (2014). Penn State Click! › Lights, camera, action: a conversation with One Button Studio creator Justin Miller. Retrieved April 30, 2015, from <http://click.it.psu.edu/?p=1530>

Grigor, C. (2014). One Button Studio Receives American Library Association's 2014 Award: UGA Libraries Multi-Search. *Pennsylvania Library Association Bulletin*, Vol. 69(Issue 3), p7-7. 2/3p. Retrieved from <http://eds.b.ebscohost.com/eds/detail/detail?vid=2&sid=002d44ed-32a3-457c-9ae5->

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The One Button Studio: Equipment Guide. (n.d.). Retrieved from http://onebutton.psu.edu/wp-content/uploads/sites/1698/2015/02/OBS_Equip_2_15.pdf