Overview of Penn State’s One Button Studio

Joe Fennewald, Head Knowledge Commons, PSU
Ryan Wetzel, Media Commons Manager, PSU
Jason Byrd, Learning Technologies Librarian, George Mason Univ.
Tombros McWhirter
Knowledge Commons

Joe Fennewald, Head
Penn State University Libraries
Open 24 / 5
Snacks & drinks allowed
Storage lockers
Laptop recharging units
Scanners
Group Study Rooms
22,700 total contacts, Fall 2013

Library = 7,677

Media Commons = 4,724

IT Service Desk = 6,365

Tech Tutor = 207

Writing Tutors = 210

ITS Lab Consultants = 3,517
One Button Studio

Ryan Wetzel, Media Commons Manager
The Pennsylvania State University
The Problem
Scaling Video
Traditional Studio
Things you need to know

Traditional Studio

- How to setup lights (3 point lighting)
- How to setup and record audio
- How to operate a video camera (which could differ from studio to studio & year from year)
- How to ingest footage into a computer
- How to encode footage into usable formats (mov, mp4, avi, wmv, mts -- AVCHD, mpeg 2, h.264, mpeg 4, flv, on2, dv)

One Button Studio

- How to plug in a thumb drive
- How to push a single button
Where Video fits in @ Penn State
Media Commons

- Founded in 2007
- Six staff
- @ 21 campuses, 25 labs
- 21 original traditional studios
Media Commons Impact

- Partner with about 200 faculty per academic year
- Representing every college, from Engineering to Liberal Arts
- 16,000 student interactions in 13/14 academic year.
Project Workflow

Reduced Student Technological Overhead
Tour of OBS
Tour of OBS - Camera and Projector
User Interaction

- Plug in
  - Starts the system
- Unplug
  - Resets for new user
User Interaction

- Press Button
  - Starts/Stops recording
Tour of OBS - Kiosk
Uses - Dialogues

Human Development and Family Studies 411 –

Converted practice counseling sessions from audio cassette recorder to One Button Studio assignment
Uses - Green Screen

Art Education 303 - “Transmediation of a Fairy Tale” assignment has students make extensive use of green screen for their skits.
Uses - Interviews

In-person interviews with subject matter expert.

Recording job talks for uploading to virtual interview websites.
Uses - Presentations

- Rhetoric and Civic Life 137 - Honors-level Liberal Arts composition and public speaking course.
- TED Talk-style presentation assignment with 700 students.
- Fuel Science 431 - Chemistry of Fuel course had students presenting on natural fuel alternatives.
Outcomes

- 8,874 users in first two academic years
- 13,703 videos totaling 658 hours of recording.
Management

- Available by appointment only (walk-ins welcome if not in use)
- Monday - Thursday 9 - 9, Friday 9 - 5, Sunday 1 - 9
- Scheduling through consultants, not self-service
- Retain videos for semester
- Extras: mobile whiteboard, mobile podium, stash of flash drives
Assessment

- Consultants collect informal feedback on student experience
- Collection of student examples with permission
- Analytics on usage including # of videos, duration, courses, and colleges
Equipment List

Some pieces are optional

Setup guide available at

onebutton.psu.edu/setup

<table>
<thead>
<tr>
<th>Cost Center</th>
<th>Total Cost</th>
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<tbody>
<tr>
<td>Lights</td>
<td>$1,807.57</td>
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<tr>
<td>Computer Needs</td>
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Total Cost $7,220.72
App Available for Download Today

Contact onebutton@psu.edu to be added to the Yammer network.
Current Installations

- 14 studios across all of Penn State
- 8 more under construction
- Over 100 partner institutions

Including George Mason