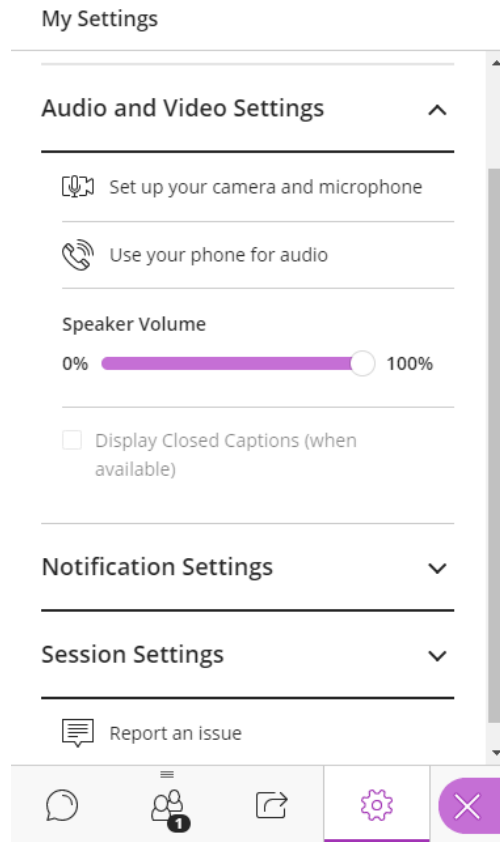
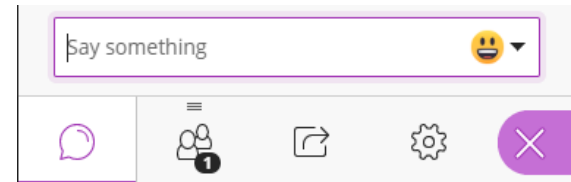


# Before we get started...

- 1) Open the Collaborate panel (bottom right of screen)
- 2) Click on the gear icon for settings
- 3) Check your audio & notification settings



**Controls:** Test muting and unmuting, raising your hand, and providing feedback



**Chat:** Feel free to use the chat to interact with your colleagues and the moderators.

# Adapting Experiential Learning for Remote Delivery – [Webinar Series](#)

Session Title	Session Date
1. Effective Partnership Development and Engagement in a Remote Environment	<i>Session slide deck and recording are available on the webinar series website.</i>
2. Community-Engaged Learning	<i>Session slide deck and recording are available on the webinar series website.</i>
<b>3. Field Work Films: Notes on Recording for Remote Teaching</b>	<b>Tuesday, July 7<sup>th</sup> from 2-3 PM EST</b>
4. Field Experiences	Wednesday, July 8 <sup>th</sup> from 1-2 PM EST
5. Teaching Research-Intensive Courses Remotely	Friday, July 10 <sup>th</sup> from 1-2 PM EST
6. Organization-Partnered Projects	Monday, July 13 <sup>th</sup> from 1-2 PM EST
7. Academic Internships	Wednesday, July 15 <sup>th</sup> from 2-3 PM EST
8. Designing Remote Activities to Spark Student Engagement	Tuesday, July 21 <sup>st</sup> from 1-2 PM EST

# Session 3. Field Work Films: Notes on Recording for Remote Teaching

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## Adapting Experiential Learning for Remote Delivery Webinar Series

July 7, 2020



UNIVERSITY OF  
TORONTO

# Meet your session panelists.

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## Session Facilitator:

- [Allison Van Beek](#), Manager, Education Technology Office, Faculty of Applied Science and Engineering

## Session Speakers:

- [Jen Hill](#), Assistant Dean, Academic Planning and Governance, Daniels Faculty of Architecture, Landscape and Design
- [Jay Pooley](#), Lecturer, Daniels Faculty of Architecture, Landscape and Design
- [Maxim Batourine](#), Director, Technology Services, Daniels Faculty of Architecture, Landscape and Design
- [Renée Lear](#), Digital Media Technician, Daniels Faculty of Architecture, Landscape and Design



Architecture  
Landscape  
Architecture  
Urban Design



Visual Studies

Forestry



# D AN IELS





Jane Wolff

- LAN1041HF: Field Studies 1



Sean Thomas

- FOR3011H: International Forest Conservation Field Camp



Jay Malcolm

- FOR3009H: Forest Conservation Biology



Danijela Puric-Mladenovic

- FOR416H1: Green Urban Infrastructure
- FOR1575H: Urban Forest Conservation



Jane Wolff

- LAN1041HF: Field Studies 1

## Filming

Same site (1 Spadina Crescent): Multiple experts do a walkabout (individually) and talk about their observations and perspective.

## Students

Apply the observational perspectives in their neighborhood and make an assignment submission (field notebook/sketchbook).





## Filming

Various sites (Haliburton forest, GTA and Ottawa): Instructors demonstrate and explain technical skills and observations.

## Students

Perform some of the techniques 'at home', where equipment is readily found or fabricated.  
Complete assignment with analysis of their own data.



Sean Thomas

- FOR3011H: International Forest Conservation Field Camp



Jay Malcolm

- FOR3009H: Forest Conservation Biology



## Filming

Various sites (GTA): Instructor demonstrates and explains technical skill.

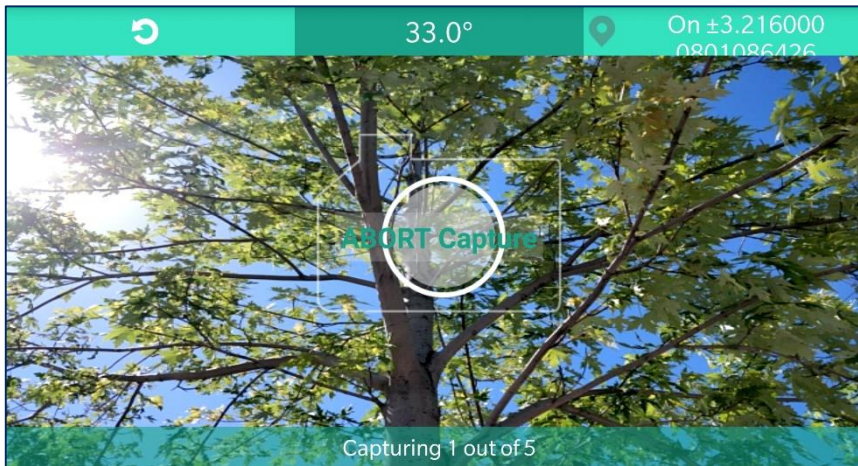
## Students

Makes own video recording of themselves performing skill, instructor provides feedback and skill is demonstrated again/refined.

Also making use of smart phone applications



# D AN IELS




Danijela Puric-Mladenovic

- FOR416H1: Green Urban Infrastructure
- FOR1575H: Urban Forest Conservation

# DANIELS

## Faculty shared list of online resources/smart phone apps




[iNaturalist](#)

One of the world's most popular nature apps, iNaturalist helps you identify the plants and animals around you. Get connected with a community of over a million scientists and naturalists who can help you learn more about nature! What's more, by recording and sharing your observations, you'll create research quality data for scientists working to better understand and protect nature. iNaturalist is a joint initiative by the California Academy of Sciences and the National Geographic Society.


Function: Identification

Platforms: Various

Known Users



Jen Hill



DP Danijela Puric-Mladenovic


↑  
Link to resource

↑  
Description

↑  
Who to ask for an opinion


<https://utoronto.sharepoint.com/sites/Daniels-OnlineCommunity>

Thanks Sheetza McGarry!



Function: Various Surveying


Platforms: Various



Public Life Tools

Sources and projects regarding public life, urban strategy, urban design, and change-making.

Platforms: Website




Survey123

Survey123 for ArcGIS is a complete, form-centric solution for creating, sharing and analyzing surveys. Use it to create smart forms with skip logic, defaults, and support for multiple languages. Collect data via web or mobile devices, even when disconnected from the Internet. Analyze results quickly, and upload data securely for further analysis.

Function: Survey for ArcGIS

Platforms: Various




The Landscape Toolbox

Information on various field and remote sensing methods that can be used in assessing and monitoring rangelands.

Function: Field Techniques

Platforms: Website

Teaching




Compass

Display the direction an iPhone is pointing, its current location, and elevation.

Function: Direction

Platforms: iPhone




Conceptboard

Conceptboard is a centralized hub for all your content and ideas. No matter how large or complex, manage all your visual projects across one shared workspace.

Function: Presentation, Collaboration

Platforms: Desktop




EViUse

Interactive 3D images.

Function: 3D Photography

Platforms: Android/iPhone



Kahoot!

Instead of looking down into their textbooks or desks, learners in schools, offices and other social settings are encouraged to look up while playing and connect with each other. For us, engagement is about unlocking everyone's potential.

Function: Quiz

Platform: Various



Jay Pooley

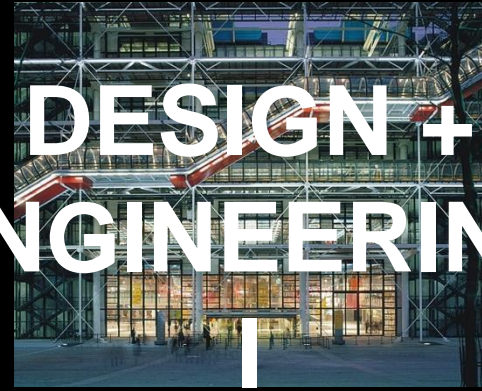
Lecturer, Daniels Faculty of Architecture, Landscape and Design

| DGC | IATSE |

**HOW TO  
DESIGN  
ALMOST  
ANYTHING**



**DESIGN +  
ENGINEERING**



**DESIGN  
\  
BUILD**

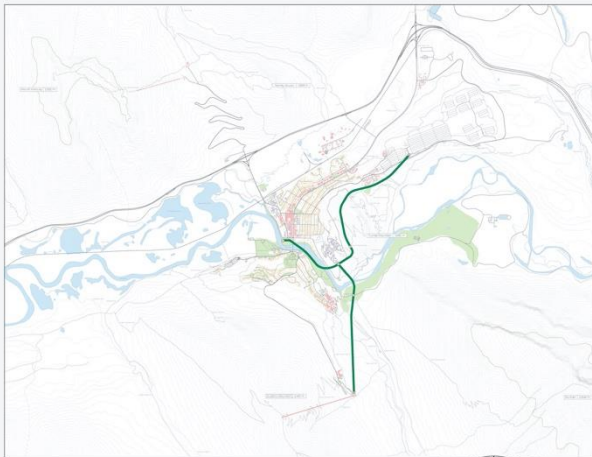


**MEMORY  
+  
MAKING**



# BANFF, ALBERTA

Population: 78,621 | 51°02'N 115°56'W



## ① Central Park Base Station

Elevation: 1,607 m

Located by Banff Avenue, Central Park is a major public park for recreational and entertainment activities and is a major destination for local residents.



## ② Banff Centre Station

Elevation: 1,426 m

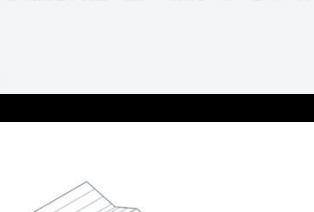
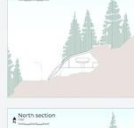
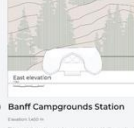
The Banff Centre is a major hub for the town, serving as a center for local businesses and services. It is a major destination for local residents and visitors.



## ③ Tunnel Mountain Station

Elevation: 1,426 m

This station is located on Tunnel Mountain, a major destination for hikers and skiers. It is a major destination for local residents and visitors.



## ④ Banff Campgrounds Station

Elevation: 1,426 m

This station is located in Banff Campgrounds, a major destination for hikers and skiers. It is a major destination for local residents and visitors.

## ⑤ Fairmont Banff Springs Station

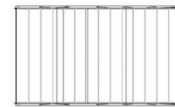
Elevation: 1,426 m

This station is located at the Fairmont Banff Springs Hotel, a major destination for hikers and skiers. It is a major destination for local residents and visitors.

## ⑥ Sulphur Mountain Station

Elevation: 1,426 m

This station is located at Sulphur Mountain, a major destination for hikers and skiers. It is a major destination for local residents and visitors.



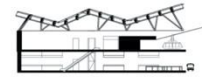
PLAN  
1:500



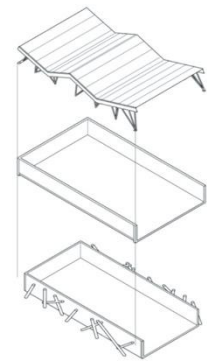
ELEVATION 1  
1:500



ELEVATION 2  
1:500



SECTION  
1:500



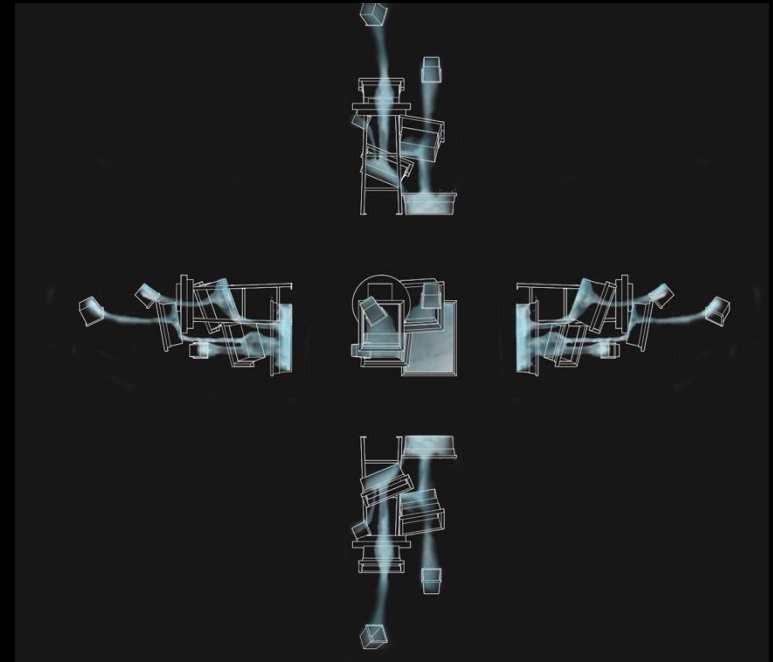
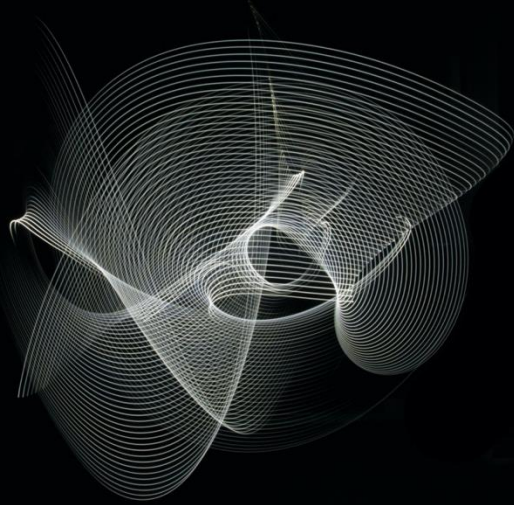
EXPLODED ISOMETRIC  
1:500



Fig 6.2.5: plan, section, elevation, and exploded isometric drawing of the aerial tramway station

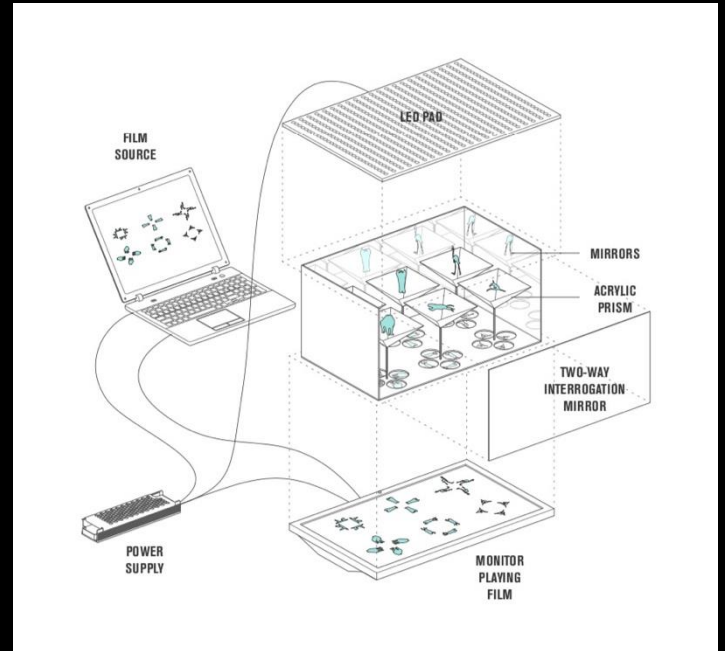


Welcome Centre for Prince Edward Island  
ACR399 Design / Build

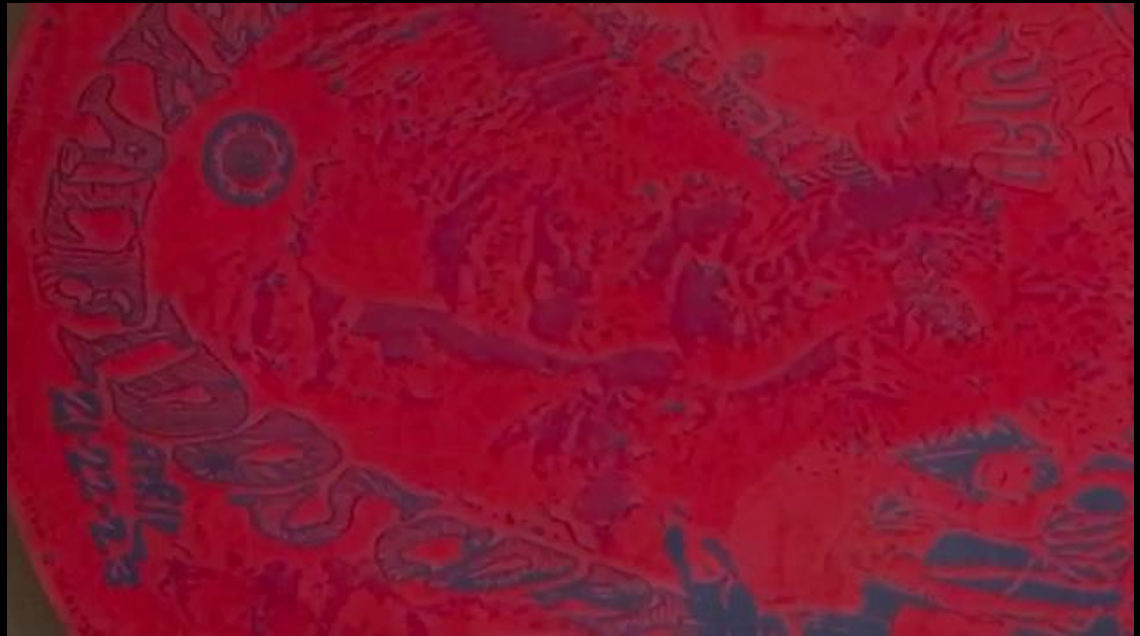


Mackenzie Phillips and Yuki Creighton, Light Tools  
JAV101 How to Design Almost Anything





Nicholas Reddon, Wunderkammer for David Bruster  
ARC3719 Memory + Making



Gemma Robinson, Xavier Fox & Juliano Sisera, Study of the AGO  
JAV101 How to Design Almost Anything

# Anatomy of a Field Work Film

## Script

Think of writing a lecture or a paper. What do you want to say? How do you want to say it?



## Schedule

Detailed breakdown of shots



## Assets

This includes film footage, sound recordings, still photos, diagrams, additional footage from other sources



## Edit

The process of importing and cutting the assets into your film.

# Planning Your Film Shoot

## Equipment

- Smartphone, DSLR, GoPro
- Stabilizer Gimbal
- Microphone

## Scheduling

- Create storyboards for your project
- Plan your shots around access, workflow and lighting
- Convert the storyboards into a shooting schedule

## Shooting

- Start wide and punch in
- Steady shots are easier to focus on
- Keep an eye on the time

## Editing

- Keep editing software simple
- Plan to work with large sized files
- Post your film

# Equipment



Shot on iPhone 6, July 2016

# Equipment



Smartphone | GoPro | DSLR

# Equipment



Stabilizer Gimbal | Tripod

# Equipment



## Stabilized Walking Shot

Combining the stability of a tripod, movement of a dolly and freedom of handheld shots



# Equipment



Lavalier (Lav) Mic for Interviews

Easily plugged into smartphones, GoPros or DSLR Cameras

# Planning Your Film Shoot

## Equipment

- Smartphone, DSLR, GoPro
- Stabilizer Gimbal
- Microphone

## Scheduling

- Create storyboards for your project
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## Shooting

- Start wide and punch in
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- Keep an eye on the time

## Editing

- Keep editing software simple
- Plan to work with large sized files
- Post your film

# Scheduling

## Shot List



1. Establishing Shot



2. Wide Frame Shot



3. Medium Frame Shot



4. Closeup Shot

# Planning Your Film Shoot

## Equipment

- Smartphone, DSLR, GoPro
- Stabilizer Gimbal
- Microphone

## Scheduling

- Create storyboards for your project
- Plan your shots around access, workflow and lighting
- Convert the storyboards into a shooting schedule

## Shooting

- Start wide and punch in
- Steady shots are easier to focus on
- Keep an eye on the time

## Editing

- Keep editing software simple
- Plan to work with large sized files
- Post your film

# Shooting

## Framing

Establishing Shot

Medium Closeup (MCU)



Start with an establishing shot and move into a medium closeup (MCU)

# Planning Your Film Shoot

## Equipment

- Smartphone, DSLR, GoPro
- Stabilizer Gimbal
- Microphone

## Scheduling

- Create storyboards for your project
- Plan your shots around access, workflow and lighting
- Convert the storyboards into a shooting schedule

## Shooting

- Start wide and punch in
- Steady shots are easier to focus on
- Keep an eye on the time

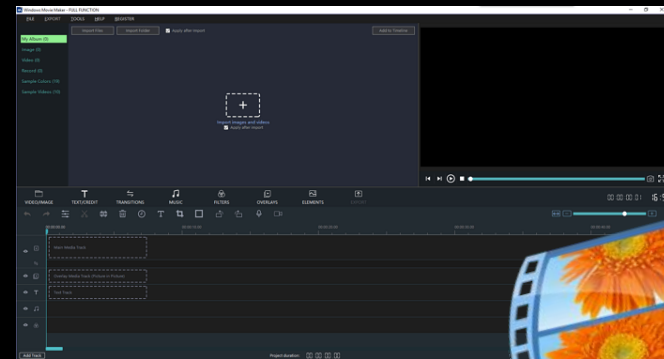
## Editing

- Keep editing software simple
- Plan to work with large sized files
- Post your film

# Editing



iMovie



Windows Movie Maker

# Case Study

## Henry Glassie: Field Work Trailer

Official Selection

tiff

Toronto International  
Film Festival 2019



# Case Study

## Henry Glassie: Field Work Trailer



Establishing Shot



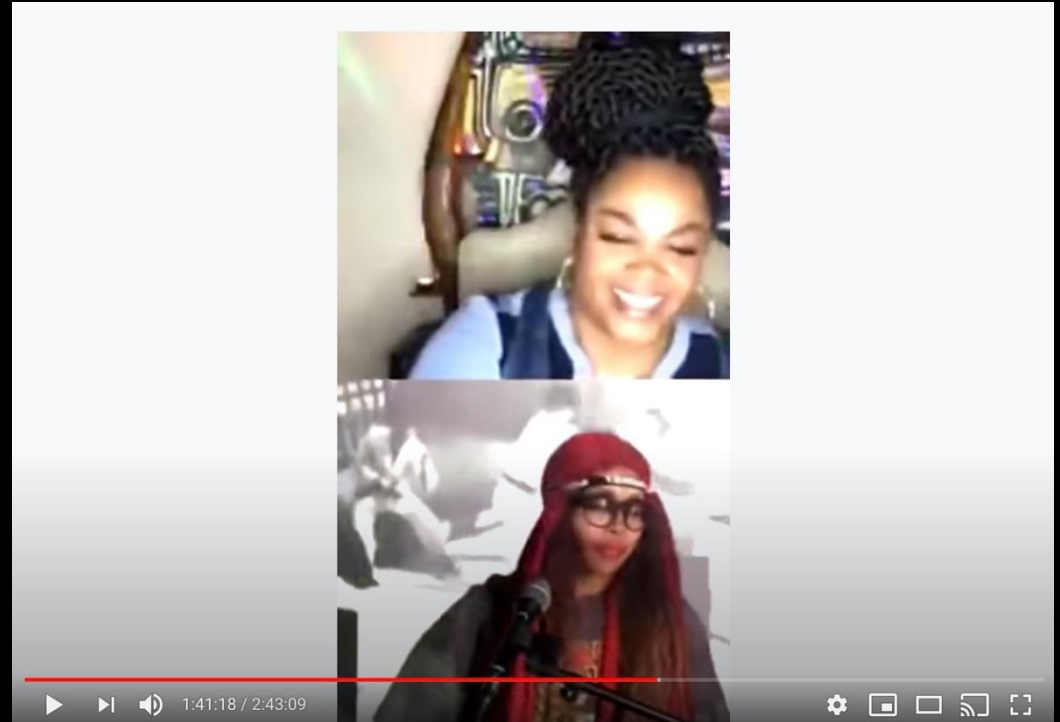
Wide Frame Shot



Closeup Shot

# Know Your Audience

*The medium is the message - Marshall McLuhan*



Jill Scott and Erykah Badu's Instagram Live Battle  
Vezuz May 10, 2020  
750,000 synchronous views

Don't forget about the audio...



# ZOOM RECORDERS



## PORTABLE STUDIO RECORDER W/ LAVALIER MIC

# Support in Field Operations

---

- Daniels Faculty has extensive list of equipment available to be rented/borrowed by faculty members and students.
  - Visual nature of the Faculty.
  - Helpdesk – Does not work in current phases.
  - Locker exchange!
  - Disinfection of the equipment.
- Support staff
  - Original email intake.
  - Ticketing system.
  - Teams real-time support channels.
  - Proactive engagement.
- Some unique equipment

# Fields Hands-Free Remote Collaboration Tool

---

- **100% Hands-Free**  
Voice based operating system with local speech recognition in loud areas.
- **Powerful Audio**  
Integrated speaker and 3.5mm audio jack for use with hearing protection.
- **Outdoor Display**  
Appears size of 7" tablet, viewable in bright sunlight.
- **Teams** - Students sitting at home can get real-time site experiences with instructions right from the field.



# Labs Hands-Free Document Cameras

---

- ✓ Perfect for recording in chemical labs.
- ✓ Hands on projects, such as model making and model presentations.
- ✓ For techniques that require hands-free operation.



Epson DC-21



IPEVO VZ-R



Logitech 930e with  
tabletop tripod



# Contact Information and Additional Experiential Learning Resources



# Let's continue the discussion. Please feel free to contact us using the following information:

---

## Session Facilitator:

• Allison Van Beek      [allison.vanbeek@utoronto.ca](mailto:allison.vanbeek@utoronto.ca)

## Session Speakers:

• Jay Pooley      [jay.pooley@daniels.utoronto.ca](mailto:jay.pooley@daniels.utoronto.ca) | [www.jaypooley.com](http://www.jaypooley.com)

• Jen Hill      [j.hill@utoronto.ca](mailto:j.hill@utoronto.ca)

• Maxim Batourine      [m.batourine@daniels.utoronto.ca](mailto:m.batourine@daniels.utoronto.ca)

• Renée Lear      [renee.lear@daniels.utoronto.ca](mailto:renee.lear@daniels.utoronto.ca)

# Thank you!

## *Here are some additional resources:*

---

- **Remote Experiential Learning Resources** – For additional resources available to faculty and staff as they design, implement and administer remote experiential learning opportunities, please view the following SharePoint site, available to all UofT faculty and staff - <https://utoronto.sharepoint.com/sites/dvpp-aelr>.
- **Remote Experiential Learning Webinar Series** – To register for additional webinar sessions in this series, please view the following website - <https://utoronto.sharepoint.com/sites/dvpp-aelr/SitePages/Adapting-EL-for-Remote-Delivery---PD-Series.aspx>.
- **Experiential Learning at UofT** – For more information about experiential learning at the University of Toronto, please view the following website - <https://experientiallearning.utoronto.ca/>.
- **All Other Questions** – For all other questions, please email the Office of the Vice-Provost, Innovations in Undergraduate Education at [vp.iue@utoronto.ca](mailto:vp.iue@utoronto.ca). We look forward to hearing from you!