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Elevating DIY Media at UBC:

Increasing Access and Refining Tools



# UBC STUDIOS

Elevating DIY Media at UBC: Increasing Access and Refining Tools



## **Who we are:**

### **Saeed Dyanatkar**

- Executive Producer, UBC Studios & Emerging Media Lab

### **Michael Sider**

- Producer, UBC Studios

### **Andrew Wang**

- Media Specialist – Operations & Infrastructure, UBC Studios

# Elevating DIY Media at UBC:

Increasing access and Refining Tools

A brief history of DIY media support at UBC

UBC Studios Services

UBC Vancouver Library

UBC Okanagan

Looking Forward





# Evolution of DIY Media Support at UBC

UBC Studios initiated the centralized DIY Media support in 2014 when:

- The quality of DIY productions across campus were not meeting the production quality needs of UBC
- Students were having sub-par experience in educational media

Objectives:

- To elevate the overall production quality of media at UBC
- To embrace/support the DIY media initiatives at UBC

# UBC Studios DIY support services

- **Workshops**
  - **For Staff, Faculty and Students**
  - **Annual Introduction to Production workshops**
  - **Customized workshops**





# UBC Studios DIY support services

- **Media Consultation**
  - **UBC Studio Producers**
  - **Support for Grant Proposals**



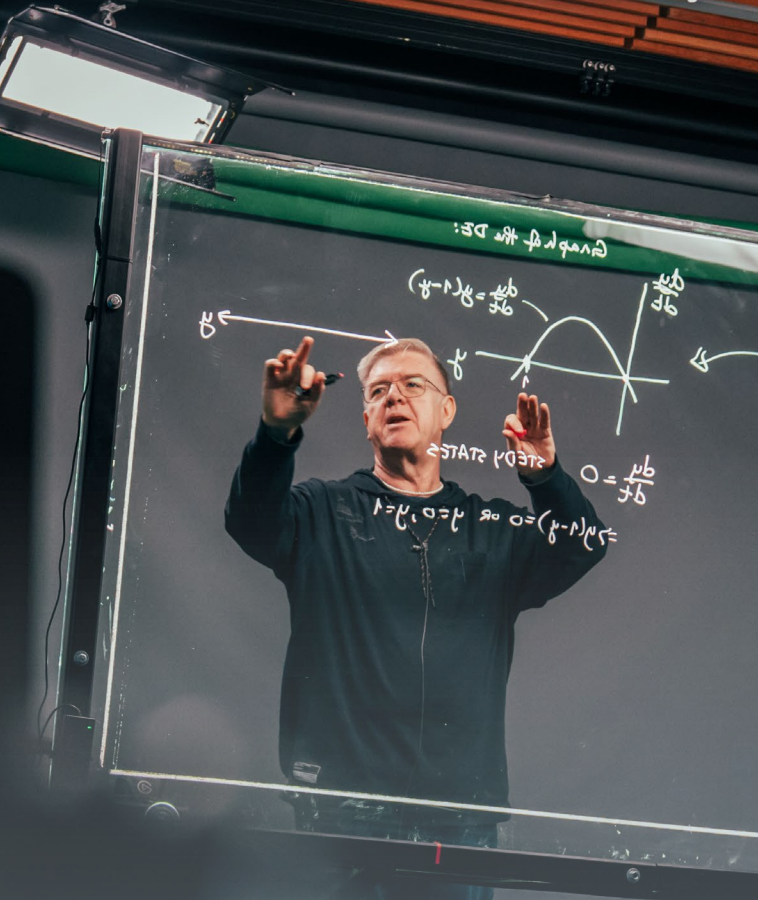


# DO-IT-YOURSELF STUDIOS

At UBC Studios

Elevating DIY Media at UBC: Increasing Access and Refining Tools





## Lightboard Studio

Innovative presentation platform that combines analog and digital ways of teaching.



## Audio Studio

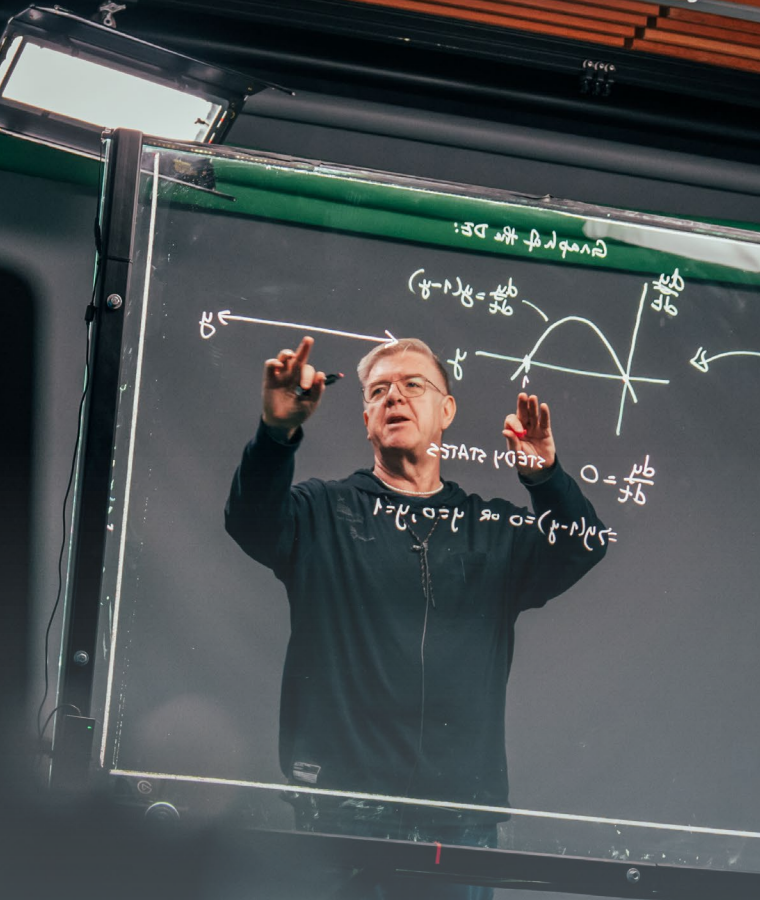
Enabling easy and high quality audio podcast and voiceover creation.



## Video Recording Studio

A simple to use stationary video capture studio, balancing traditional One-Button approaches with updated features.





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# A History of the Lightboard Studio

- Open idea created by Northwestern University
- Concept using refraction to create neon effect
- Pioneered by teaching and learning units at UBC
- UBC Studios created a DIY service using the Lightboard in 2016

## Developments and how it's used today

- 2017 - Digital overlays and implementation of forward chroma key.





## Developments and how it's used today

- **2017 - Digital overlays** and implementation of forward chroma key.
- **2018 – First Course Livestreams** implemented.



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- **2021 – R+D of the tabletop Lightboard + Software and Hardware updates**

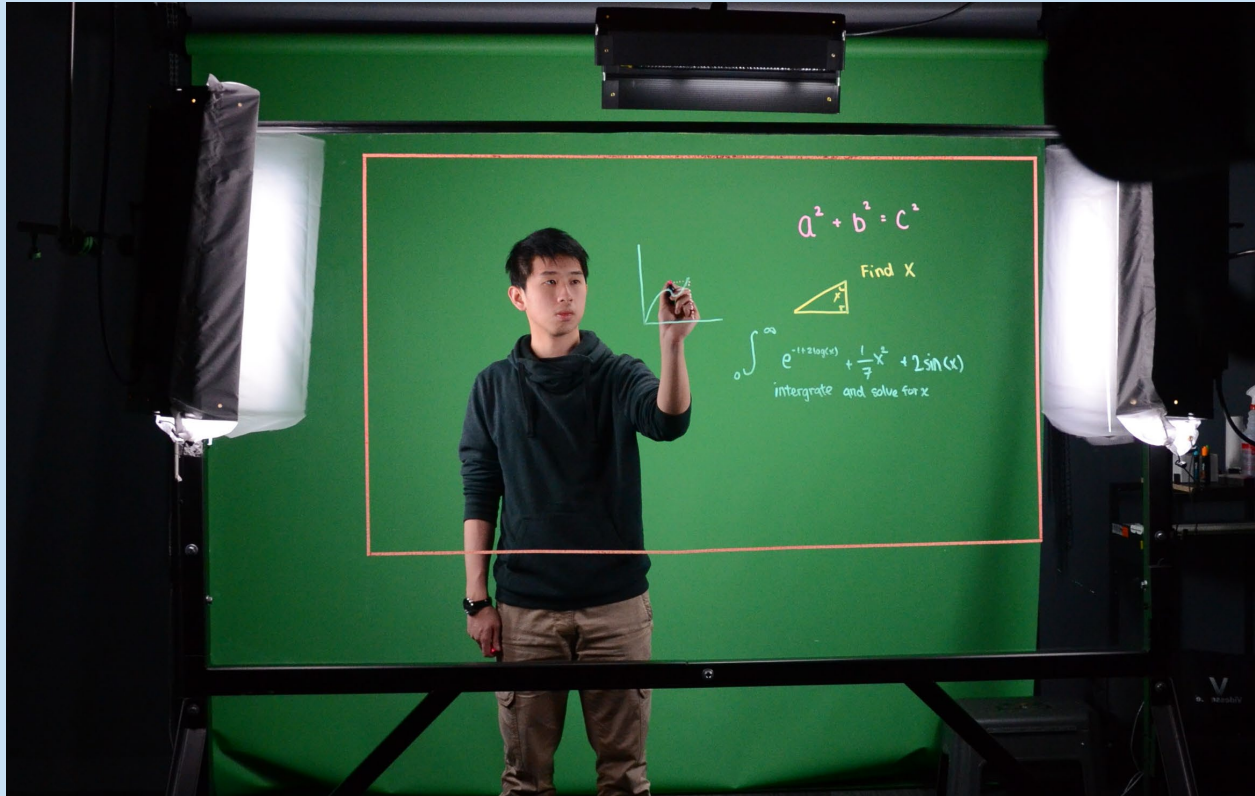


# The Tabletop Lightboard

Research and Development + Beta Loan Program



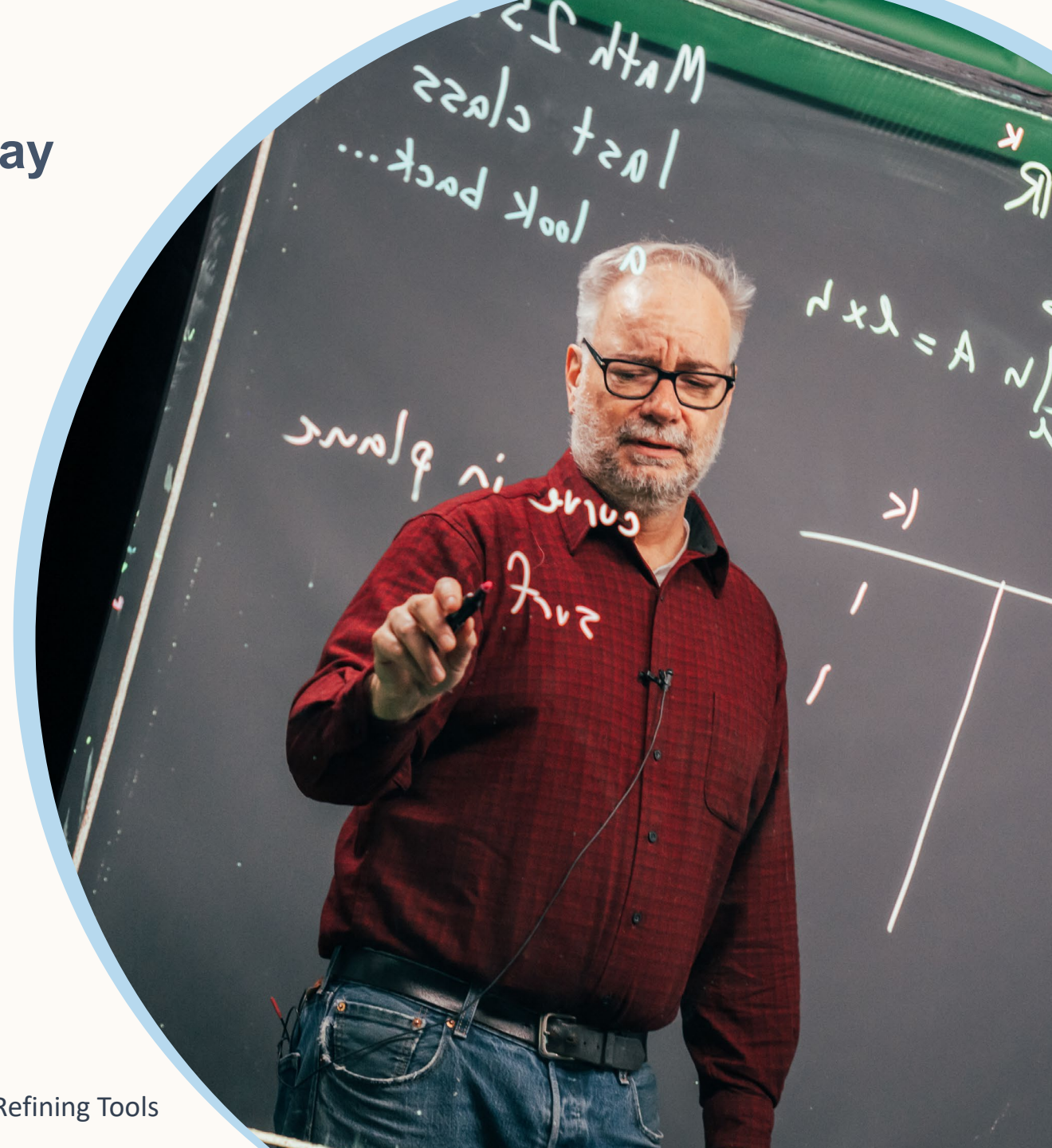




**30% more lightboard real estate**

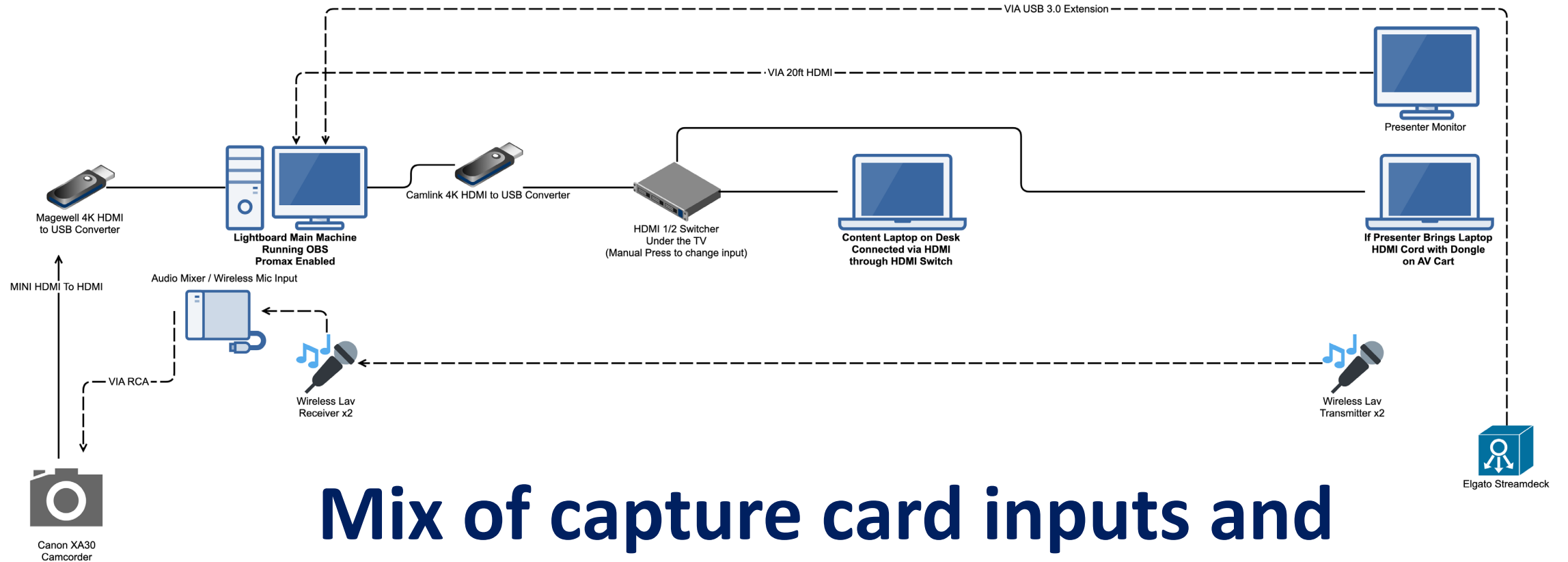
## Developments and how it's used today

- **2017 - Digital overlays** and implementation of forward chroma key.
- **2018 – First Course Livestreams** implemented.
- **2021 – Software and Hardware updates** after pivoting to livestream solutions.
- **2022 – Implemented updated livestream capabilities**, with regular streams to over 1,000 undergraduate students.



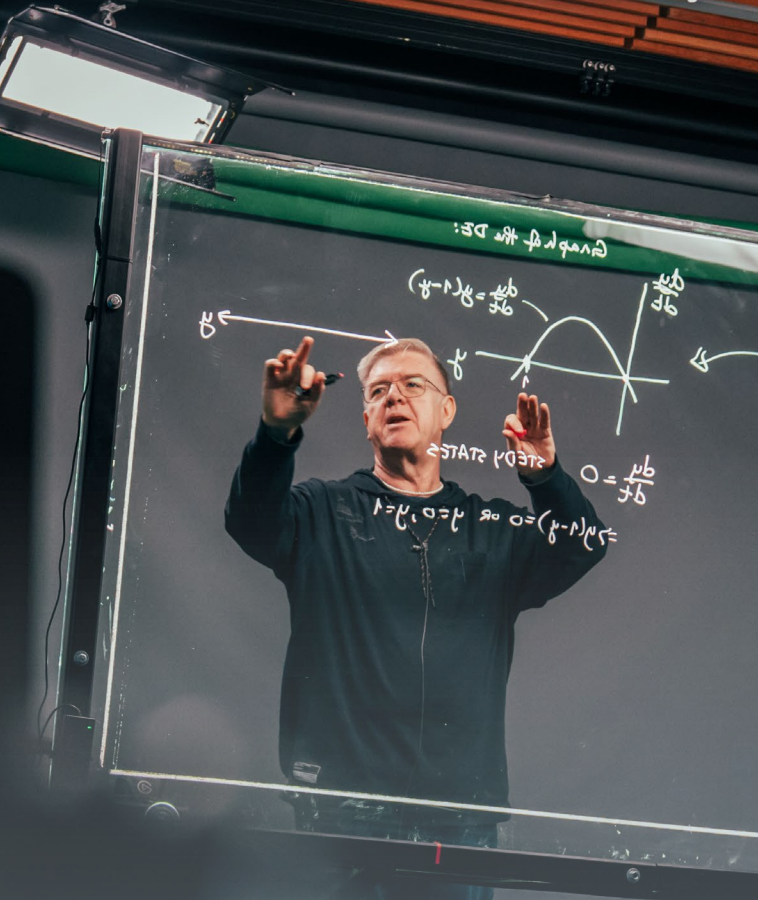


# How it works.



## Mix of capture card inputs and software solutions.





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Innovative presentation platform that combines analog and digital ways of teaching.



## Audio Studio

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## Video Recording Studio

A simple to use stationary video capture studio, balancing traditional One-Button approaches with updated features.



# A History of the DIY Audio Studio

- Concept first introduced with **basic** equipment
- Took advantage of **already available space**
- Used primarily for **voiceovers** which later shifted to **podcasting**.





# Developments & How it's used today

- 2017 – idea created, part of the DIY Media Desk.





# Developments & How it's used today

- **2017** – idea created, part of the DIY Media Desk.
- **2019** – based on feedback moved to sound treated Audio Suite.





# Developments & How it's used today

- **2017** – idea created, part of the DIY Media Desk.
- **2019** – based on feedback moved to sound treated Audio Suite.
- **2022** – overhaul and upgrade based on user feedback.





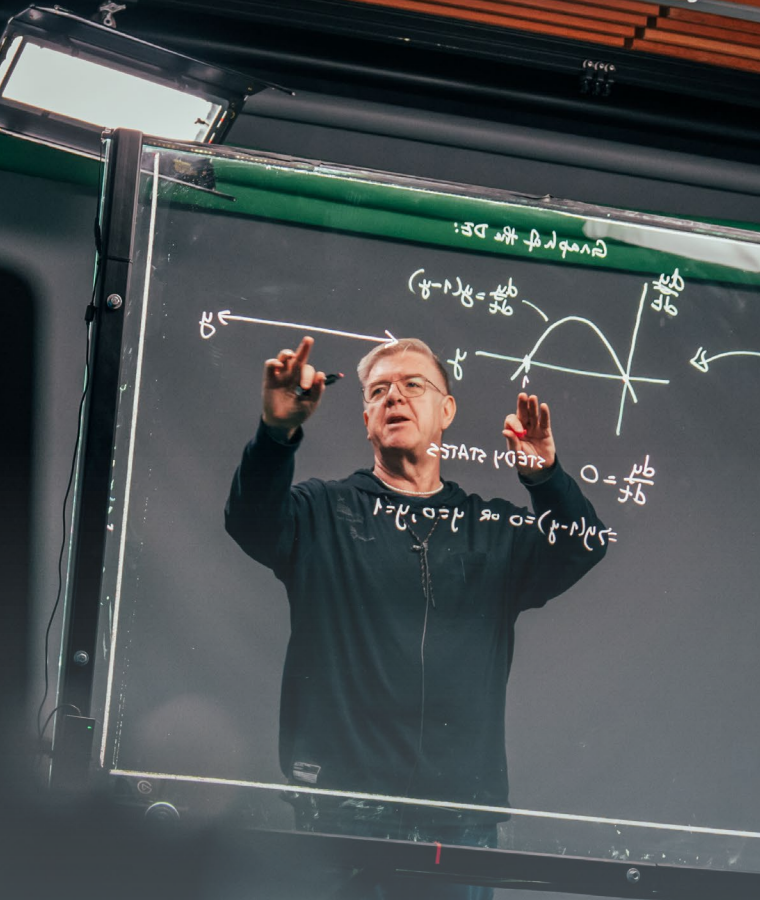






Elevating DIY Media at UBC: Increasing Access and Refining Tools





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# A History of the DIY Recording Studio

- Concept 1<sup>st</sup> introduced in 2016 as the **One Button Studio**
- A space created for **lecture capture**



# Developments and how it's used today

- 2016 – One Button Studio First Created



## Developments and how it's used today

- 2016 – **One Button Studio** First Created
- 2020 – **Overhaul of One Button Studio** to DIY Recording Studio





**PHTH 524:  
Cardiorespiratory Module**

Faculty of Medicine  
Department of Physical Therapy

Image source: <https://slideplayer.com/slide/14819315/>



**DO-IT-YOURSELF STUDIOS**

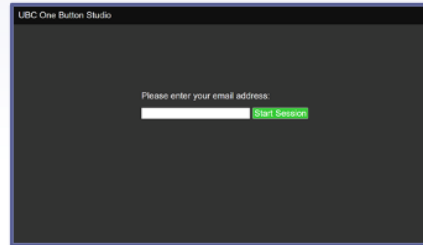
At UBC Studios

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# Developments and how it's used today

- 2016 – **One Button Studio** First Created
- 2020 – **Overhaul of One Button Studio** to DIY Recording Studio
- 2021 – **R&D** of implementation opportunities into the UBC Ecosystem

## WORKFLOW OF CLOUD UPLOADER



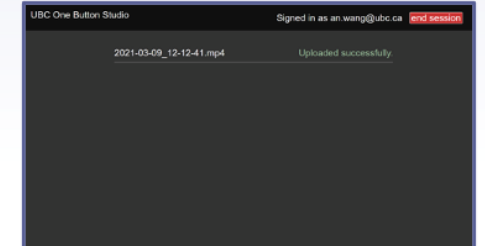
### Enter Email

User enters their email into the Kiosk.



### Record

the saved file location is actively scanning for files. Once the recording has stopped, the system automatically uploads the file to Kaltura.



### Automatically Receive Files

Kaltura generates a link, and using an UBC Application email, sends the download link to the user.

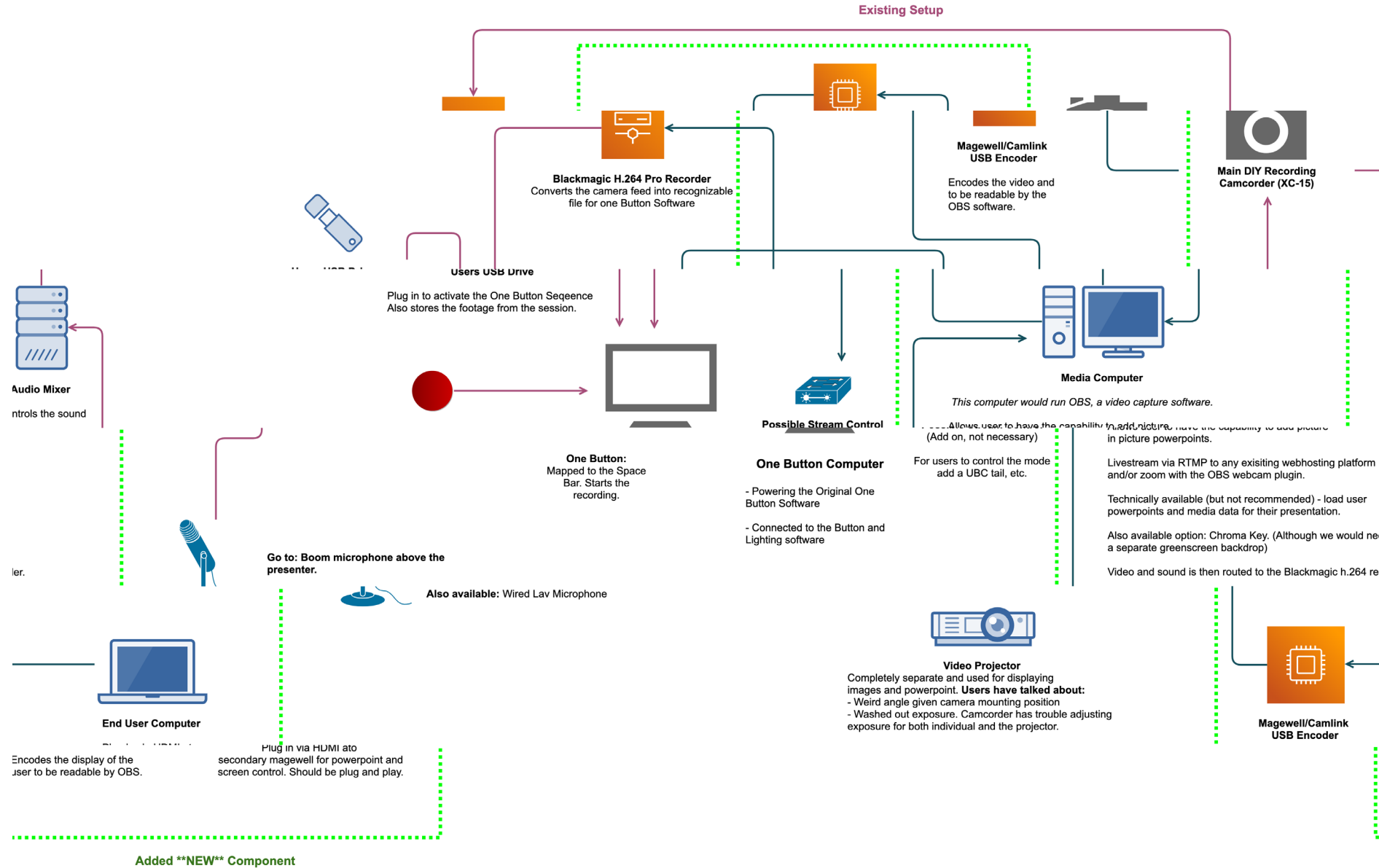


## Developments and how it's used today

- 2016 – **One Button Studio** First Created
- 2020 – **Overhaul** of One Button Studio to DIY Recording Studio
- 2021– **R&D** of implementation opportunities into the UBC Ecosystem
- 2022- **QoL** adjustments and upgrades to Audio and Camera.

How it works.

# Mix of capture card inputs and software solutions.





# DIY Studio Usage



**DIY Recording Studio**

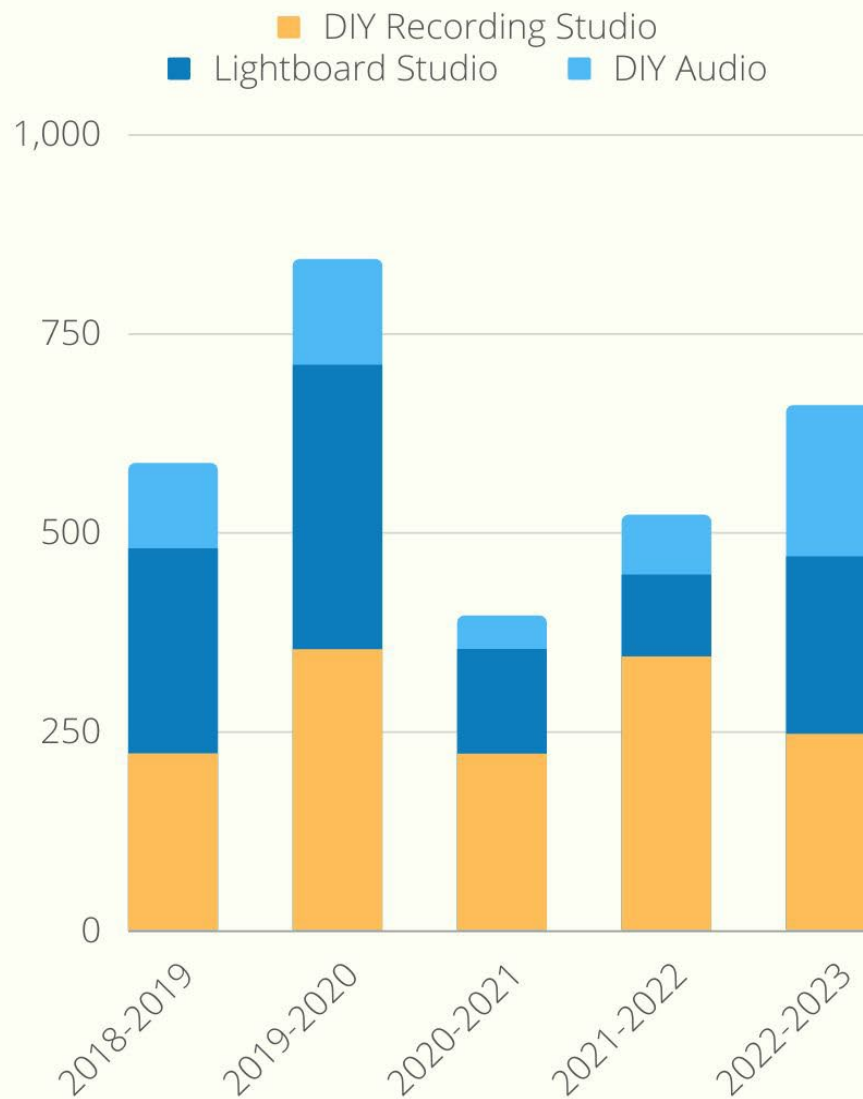


**Lightboard Studio**



**DIY Audio Studio**

## DIY Studio usage - Number of Hours



# Key Takeaways for DIY Studios

- **Constantly Evolving and Adapting**
- **Personnel Support is Key**





# UBC Studios DIY support services

- **Digital Media Community of Practice**
  - **Supporting staff and faculty who produce media**
    - Faculty panel presentations
    - Content expert guest speakers
      - File management, copyright, accessibility, creative agencies
    - Networking and mutual support
    - Workshops

# UBC IT DIY Media Support Services

- Access to media production software
- Media production software training through LinkedIn Learning





# Resources at the UBC Library

- **A DIY Media Studio** which includes equipment to create all types of media content.
- **A well-equipped borrowing program** that allows faculty, staff and students to book video and audio gear for a set amount of time.



# Resources at UBC Studios Okanagan

- **Multiple studios**, including lightboard, audio and video recording for faculty to use.
- **A loaning program** that allows faculty, staff and students to book video gear for a set amount of time.
- A flagship **visualization and emerging media studio** that allows users to visualize data in a big, immersive way.







## Looking Forward

- Continue to create and update existing workshops for the UBC Community.
- Introducing and researching additional features in the DIY Studios.
- Expanding and connecting with other institutions to create knowledge networks and learn best practices for media within the higher education space.

# Further Discussion

Tell us about the DIY Media Support at your organization.



# Further Discussion

What do you see as the next steps/innovations for DIY media within higher education?

**Any Questions for us?**



# Stay Connected:



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@UBCStudios



@UBCStudios

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