

Haines Hall

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Haines 279 - Sociology Conference Room

Equipment

Epson 1985WU (ceiling mounted) - released Oct 2014 (Discontinued Jun 2017), 4,800 lumens, 1920x1200

Pull down screen 16x9 (92in Diagonal)

4 in ceiling speakers close in, kind of centered in the ceiling

Not always in the room, but they sometimes use an MXL ProConSeries 1 AC-404USB mic for zooms, also an Avaya HC020 (4K) camera with USB and HDMI out.

Wall mounted projector control panel Extron - w Volume knob, On/Off, HDMI, VGA, Mute, and one blank

Connections are made on the wall near the podium by the screen. Connections available: VGA (w Audio 3.5mm), HDMI, USB (which doesn't appear to go to anything)

How to Connect

1. Turn Projector on via wall control panel
2. Connect your computer via either the HDMI (preferred), or VGA wAudio (old) cable coming from the wall to the right of the screen (when facing screen)
3. On the wall control panel select the cable you plugged into (probably HDMI)

Room Setup

This room is generally configured two different ways:

- 1) Large conference table style with a few chairs out on the walls (most of the time it's setup like this)
- 2) Tables are removed, and room is setup for a large presentation or talk, theatre style

Haines 310

Equipment

- Epson 595Wi - (released May 2014) installed ~Sept 2014
- Apple TV
- On wall speakers
- Control panel for projector inputs and volume
- Logitech Rally camera (put in during pandemic)
- USB Cable for connecting to Rally Camera
- USB Cable for connecting to Interactive Projector
- HDMI Cable
- VGA Cable
- USB-C to HDMI+VGA adapter (should be attached in the room, but may disappear from time to time)

*The below items were installed mysteriously during the pandemic, and are not used (mostly because the touchscreen really doesn't work, and these items weren't particularly needed not that they are bad pieces of equipment though):

- Touchscreen on an arm
- Metal box on the wall which has a Mac Mini (attached to the touchscreen)
- Wireless Sennheiser mic that connects to the Mac Mini (not used)

How-To

Connect to Projector

- Determine if you will be using Wireless (via AppleTV, only available for Macs and iPads), HDMI or VGA (older connection)
- Turn the projector on (control panel on wall) - it may take about 30 sec for it to warm up and show an image
 - **HDMI**
 - Plug the HDMI cable into your computer (either directly, or via adapter)
 - Select HDMI on the control panel
 - **Audio will go through the HDMI cable, and you will only be able to control volume at the wall controller*
 - **Wireless** (Only for Apple devices)
 - Select "Apple TV"

- On computer go to Display Preferences (a few different ways to do this) one way on newer machines is in the upper right (just to the left of Date and Time) is a preferences icon  - click it, and select Screen Mirroring - Choose "Room 310"
- Your computer will ask for a 4 digit code - you should see the code on the Projector screen (if not, you may not have selected Apple TV on the wall control panel - it should be lit up)
- Enter the four digit code
- You should now see your computer screen up on the projector
- **VGA** (old connector)
 - Plug VGA connector into your computer (or adapter), along with the audio cable (if you need audio)
 - Select VGA on the control panel (it should light up) and you should see you screen
 - **Audio volume can be controlled via your computer, or the wall control panel*

Connect Camera

You connect to the Rally Camera through the USB cable labeled "Rally" or "Webcam"

- Plug the USB cable into you computer (you may need an adapter)
- Open Zoom or other application you'd like to use with the camera
- Launch your meeting
- In Zoom at the bottom of the meeting window, where you have a Camera icon and a little arrow, click the arrow and choose "Rally cam" - You should see an image from the camera
- There is a remote which can be used to control the camera

**If the image is jerky or blocky, or just doesn't look good, unplug the power for the box at the other end of the USB cable (on the wall) this should reset the camera and give you a much better image.

**There are also paper instructions I (Paul Connor) made a long time ago (minus camera stuff) in the room

Haines 314

Equipment

- Epson 595Wi - (released May 2014) installed ~Sept 2014
- Apple TV
- On wall speakers
- Control panel for projector inputs and volume
- Logitech Rally camera (put in during pandemic) on Back Wall
- USB Cable for connecting to Rally Camera
- USB Cable for connecting to Interactive Projector
- HDMI Cable
- VGA Cable
- USB-C to HDMI+VGA adapter (should be attached in the room, but may disappear from time to time)

How-To

Connect to Projector

- Determine if you will be using Wireless (via AppleTV, only available for Macs and iPads), HDMI or VGA (older connection)
- Turn the projector on (control panel on wall) - it may take about 30 sec for it to warm up and show an image
 - **HDMI**
 - Plug the HDMI cable into your computer (either directly, or via adapter)
 - Select HDMI on the control panel
 - **Audio will go through the HDMI cable, and you will only be able to control volume at the wall controller*
 - **Wireless** (Only for Apple devices)
 - Select "Apple TV"
 - On computer go to Display Preferences (a few different ways to do this) one way on newer machines is in the upper right (just to the left of Date and Time) is a preferences icon  - click it, and select Screen Mirroring - Choose "Room 314"
 - Your computer will ask for a 4 digit code - you should see the code on the Projector screen (if not, you may not have selected Apple TV on the wall control panel - it should be lit up)
 - Enter the four digit code

- You should now see your computer screen up on the projector
- **VGA** (old connector)
 - Plug VGA connector into your computer (or adapter), along with the audio cable (if you need audio)
 - Select VGA on the control panel (it should light up) and you should see you screen
 - **Audio volume can be controlled via your computer, or the wall control panel*

Connect Camera

You connect to the Rally Camera through the USB cable labeled "Rally" or "Webcam"

- Plug the USB cable into you computer (you may need an adapter)
- Open Zoom or other application you'd like to use with the camera
- Launch your meeting
- In Zoom at the bottom of the meeting window, where you have a Camera icon and a little arrow, click the arrow and choose "Rally cam" - You should see an image from the camera
- There is a remote which can be used to control the camera

**If the image is jerky or blocky, or just doesn't look good, unplug the power for the box at the other end of the USB cable (on the wall) this should reset the camera and give you a much better image.

**There are also paper instructions I (Paul Connor) made a long time ago (minus camera stuff) in the room

Haines 332 (Discourse Lab)

Haines 332 (Discourse Lab)

Equipment

- Epson PowerLite G6450WU - (released June 2013, Discontinued April 2017)
- Apple TV (in the Credenza)
- On wall speakers
- HDMI Cable
- VGA+audio cable

How-To

Connect to Projector

- Determine if you will be using Wireless (via AppleTV, only available for Macs and iPads), HDMI or VGA (older connection) - For HDMI (cable) or Apple TV, make sure the correct cable is plugged into the wall socket (to the left of the credenza)
- Turn the projector on (Remote control usually on the credenza) - it may take about 30 sec for it to warm up and show an image
 - **HDMI**
 - Plug the HDMI cable into your computer (either directly, or via adapter)
 - Select HDMI on the remote
 - **Audio will go through the HDMI cable, and you can control the audio via the remote*
 - **Wireless** (Only for Apple devices)
 - Select HDMI on the remote
 - On computer go to Display Preferences (a few different ways to do this) one way on newer machines is in the upper right (just to the left of Date and Time) is a preferences icon  - click it, and select Screen Mirroring - Choose "Discourse Lab"
 - Your computer will ask for a 4 digit code - you should see the code on the Projector screen (if not, either HDMI hasn't been selected on the remote, or the Apple TV hasn't been connected to the wall, or the Apple TV needs to be turned on/awoken up by hitting Menu on the Apple TV remote)
 - Enter the four digit code

- You should now see your computer screen up on the projector
- **VGA** (old connector)
 - Plug VGA connector into your computer (or adapter), along with the audio cable (if you need audio)
 - Select VGA on the projector remote
 - **Audio volume can be controlled via your computer, or the projector remote*

Haines 352

Equipment

- Epson Powerlite L530U (Released June 2021, installed Sept. 2022) (previous projector broke over the summer that one was installed ~10/2013)
- Apple TV
- Blu-Ray player
- VHS deck
- PowerBar - Power Distribution for the whole rack - Must be turned on
- In ceiling speakers
- Sennheiser Wireless receiver
- Input switch selector for projector inputs
- Amp for controlling audio inputs and volumes
- Logitech Rally camera (put in during pandemic) on ceiling next to projector
- DTEN Monitor - Zoom appliance
- USB Cable for connecting to Rally Camera (Labeled "Zoom")
- HDMI Cable
- VGA Cable
- Remotes
 - Projector
 - BluRay
 - VHS
 - Rally Camera
 - Apple TV

How-To

Connect computer to Projector

- Determine if you will be using Wireless (via AppleTV, only available for Apple Devices), HDMI or VGA (older connection)
- Turn the projector on (via Projector remote) - it may take about 30 sec for it to warm up and show an image
 - **HDMI**
 - Plug the HDMI cable into your computer (either directly, or via adapter)
 - Select HDMI on the control panel in the rack
 - **Audio will go through the HDMI cable, and you will only be able to control volume at the Audio Amp*

- **Wireless** (Only for Apple devices)
 - Select "Apple TV" on the video switch
 - On computer go to Display Preferences (a few different ways to do this) one way on newer machines is in the upper right (just to the left of Date and Time) is a preferences icon  - click it, and select Screen Mirroring - Choose "Reading Room"
 - Your computer will ask for a 4 digit code - you should see the code on the Projector screen (if not, you may not have selected Apple TV on the video switch - it should have a little light on)
 - Enter the four digit code
 - You should now see your computer screen up on the projector
- **VGA** (old connector)
 - Plug VGA connector into your computer (or adapter), along with the audio cable (if you need audio)
 - Select VGA on the video switch (light above should turn on) and you should see you screen
 - **Audio volume will be controlled via your computer, and the Amp.*

Note on Audio control in Room 352

Audio goes through the Amp in the rack - most control of audio is through this Amp You have control for individual input channels (Laptop or Computer, Wireless mic etc.) and the general overall volume control (knob at far right). Some common markers for volume level of wireless mics (if being used) are labeled. If the wireless mics are turned up too high you will get feedback.

Connect to Rally Camera

You connect to the Rally Camera through the USB cable labeled "Zoom"

- Plug the USB cable into you computer (you may need an adapter)
- Open Zoom or other application you'd like to use with the camera
- Launch your meeting
- In Zoom at the bottom of the meeting window, where you have a Camera icon and a little arrow, click the arrow and choose "Rally cam" - You should see an image from the camera
- There is a remote which can be used to control the position of the camera - There are two presets (one called "Front" which gives an overall view of the front of the room including the podium, screen, and a bit to the side of the screen. The other "Podium" give a view primarily of the podium area (where the podium generally is) this is good for when doing a Zoom lecture where the screen is being shared directly (the BEC setup).
- Be sure to select your computer for the Microphone

****If the image is jerky or blocky, or just doesn't look good, unplug the power for the box at the other end of the USB cable (on the wall) this should reset the camera and give you a much better image.**

Connect BluRay or VHS

- Turn on the BluRay or VHS deck
- Select your device on the video switcher

*Note: These inputs, especially the VHS are going through some conversion, and so may not be of the highest quality

**There are also paper instructions (Paul Connor and Tyler Lawrence) made a long time ago (minus camera stuff) in the room

Haines A37 - Sociology lab

Equipment

- ~~Epson 1810p max resolution 1024x768 (Discontinued in 2010)~~ 7_2024 - Epson L530U Installed (1920x1200)
- ~~Wall input for projector with VGA+Audio(1/8in), and composite video inputs (Video plus L+R audio)~~ 7_2024 - 1xHDMI to projector + Audio 1/8in (connected to projector out for speakers on desk)
- Projector remote - power and volume control (also device and speakers can control volume)
- DaLite 4:3 screen hung from skylight area
- Speakers - There is a Subwoofer and satellite speaker setup at the instructor table.

How-To

Connect to Projector

- ◦ **HDMI**
 - Built-in/desktop PC, and Laptop HDMI cable go into HDMI switch.
 - Select which device to view on the switcher

Power runs along the sides of the room, the room is more of a computer lab, but setup oriented toward the front, for presenting and teaching.

The switch box needs to be powered, it's plugged in on the left (if looking out into class from instructor desk), first row of desks, it is labeled. On the switch, there is a red light to indicate power is on, and a green light displays which input is selected.