



## Recording using two video sources

This guide is helpful for those capturing a practical demonstration (e.g. manipulating objects whilst simultaneously recording an instructional 'talking head' shot) or those wishing to record an event from multiple angles. It's worth considering what the final output of the recording will be, such as the Panopto web viewer or a picture-in-picture video, before you begin to record. This will ensure that the end result suits your intentions.

This guide also assumes that you have a basic understanding of using the Panopto recorder. If this is not the case, please read the following brief articles under the 'Recording' section of the support site: 'Pre-recording checks', 'Making recordings' and 'Uploading and checking recordings'.

- 1) In order to record using two sources, you'll need to ensure that there are two cameras connected to your machine. In order for these cameras to be compatible with Panopto ReView, they must either be built-in webcams or webcams, visualisers etc that are connected via USB.
- 2) With the Panopto recorder open, locate the 'Video' drop down menu and choose the appropriate webcam. This will often be the built-in webcam in order to record a 'talking head' shot.

Record

Session Settings

Session Folder Ada Fieldhouse's Folder

Session Name 23 November 2016 at 15:45:42

Primary Sources

Video Logitech HD Webcam C525

Audio Microphone (Sennheiser 3D G4ME1)

Quality Standard

Capture Computer Audio

Secondary Sources

Capture PowerPoint

Capture Main Screen

Capture Second Screen

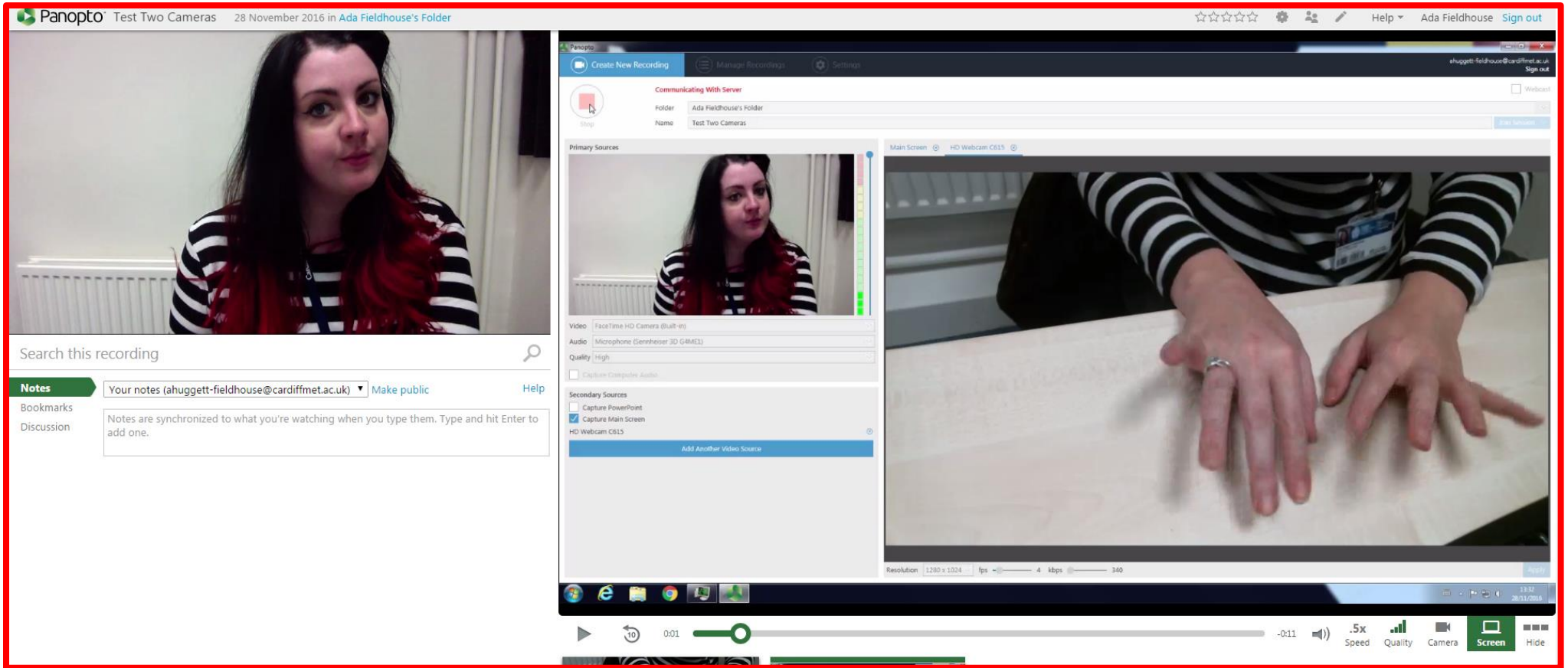
**TIP:** It's worth considering at this point how the final product will look. If sharing the video in the Panopto web viewer (which is the default output) the first video source you have chosen will appear smaller and in the top left-hand corner, whilst the second video source will appear larger and in the right-hand space. It is more usual for the top left-hand corner to be the built-in webcam recording the presenter, if applicable. A short test recording is a sensible idea, if you wish to check the best layout.

- 3) Un-tick 'Capture Main Screen' and 'Capture PowerPoint' from the check list. This means that you can watch yourself whilst recording without distorting the end result of your recording.

**!** If you do not follow the step above, you will inadvertently film yourself within the recorder software. This will result in a confusing end-product for your viewers.

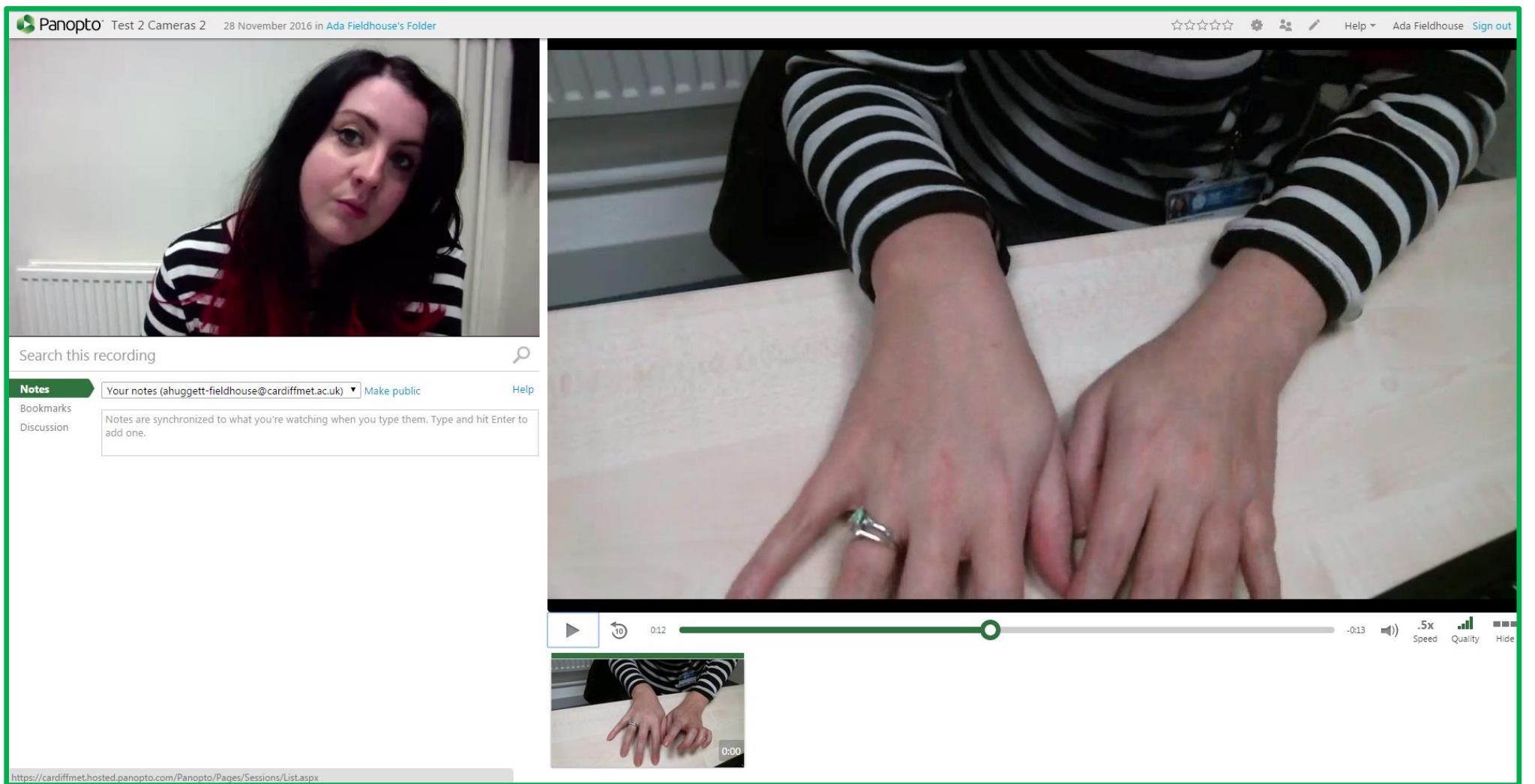
**Incorrect set-up end result**

Here, a view of the recorder software itself has been captured, because 'Capture Main Screen' was still ticked



**Correct set-up end result**

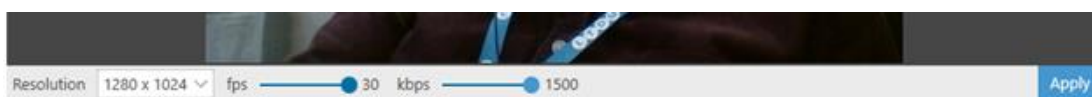
Here, the large right-hand part of the screen is occupied solely by the image from the second webcam



4) Under 'Secondary Sources', click the blue box that says 'Add Another Video Source'.

The screenshot shows the recording software interface. At the top left is a red circular 'Record' button. To its right is the 'Session Settings' section, which includes a 'Session Folder' field containing 'Ada Fieldhouse's Folder' and a 'Session Name' field containing '24 November 2016 at 14:48:03'. Below this is the 'Primary Sources' section, which features a video preview window showing a woman in a camouflage jacket. To the right of the preview is a vertical volume slider. Below the preview are dropdown menus for 'Video' (Logitech HD Webcam C525), 'Audio' (Microphone (Sennheiser 3D G4ME1)), and 'Quality' (Standard). A checkbox for 'Capture Computer Audio' is checked. Below the primary sources is the 'Secondary Sources' section, which is highlighted with a red border. It contains three checkboxes: 'Capture PowerPoint' (checked), 'Capture Main Screen' (unchecked), and 'Capture Second Screen' (unchecked). At the bottom of this section is a blue button labeled 'Add Another Video Source'.

- 5) Select the video source that you would like to appear in the larger, right-hand area of the audience's view. If using a combination of a built-in camera and a USB webcam, most users would choose their external USB webcam for this source. In practical demonstrations, this is often the close-up shot.
- 6) To improve the quality of the video capture from the external webcam in the right-hand area, you should adjust the settings. By increasing the fps (frames per second) from the default of 7, up to the maximum of 30, you'll provide smoother video playback for your students. You'll see that the kbps (kilobits per second) also increases as you move the fps slider to 30. Click 'Apply' once you've changed the settings to save them



7) When you're happy with your set-up, begin recording.